

DESIGNATION MNEMONICS INDEX

MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION
+12VOLI(0,1)	1,3/1	+12 VOLTS FOR DLI 0 OR DLI 1 FAULT GROUP	(0,1)ACCSEL(A,B)	5,6/2	SIDE (0,1), 1 OF 4 SELECTION FOR DATA ACCESS TO ALTERNATE DATA RAM(WRITE)	(0,1)BTTOP	5,6/5	SIDE (0,1), TRANSMIT TSI OUT DATA, BITS 0 & P	(0,1)CDEBRO	5,6/4	SIDE (0,1), C-MEMORY LOW ERROR
+5VDLI(0,1)	1,3/1	+5 VOLTS FOR CIRCUITRY IN DLI 0 OR DLI 1 FAULT GROUP	(0,1)ACCP	5,6/5	SIDE (0,1), SELECTED BIT 0 & P DATA (WRITE BUS TO ALTERNATE DATA RAM)	(0,1)BT1G	5,6/5	SIDE (0,1), TRANSMIT TSI OUT DATA, BITS 1 & G	(0,1)CLR(2,3)ERO	5,6/2	SIDE (0,1), CLEAR ESR2 OR CLEAR ESR3
+5VOLI(0,1)	5,6/1	+5 VOLTS FOR EOL LEVEL 04 IN CONTROLLER 0 OR CONTROLLER 1 FAULT GROUP	(0,1)ACC1G	5,6/5	SIDE (0,1), SELECTED BIT 1 & G DATA (WRITE BUS TO ALTERNATE DATA RAM)	(0,1)BT2F	5,6/5	SIDE (0,1), TRANSMIT TSI OUT DATA, BITS 2 & F	(0,1)CMDZCP	5,6/2	SIDE (0,1), COMMAND REGISTER TWO CLOCK
+5V13LE(0,1)	7,9/1	+5 VOLTS FOR EOL LEVEL 13 IN CONTROLLER 0 OR CONTROLLER 1 FAULT GROUP	(0,1)ACC2F	5,6/5	SIDE (0,1), SELECTED BIT 2 & F DATA (WRITE BUS TO ALTERNATE DATA RAM)	(0,1)BT3E	5,6/5	SIDE (0,1), TRANSMIT TSI OUT DATA, BITS 3 & E	(0,1)CMDZRO	5,6/2	SIDE (0,1), COMMAND REGISTER TWO READ ENABLE
-48ADLI(0,1)	1,3/1	-48 VOLTS FOR CIRCUITRY IN DLI 0 OR DLI 1 FAULT GROUP	(0,1)ACC3E	5,6/5	SIDE (0,1), SELECTED BIT 3 & E DATA (WRITE BUS TO ALTERNATE DATA RAM)	(0,1)BT4D	5,6/5	SIDE (0,1), TRANSMIT TSI OUT DATA, BITS 4 & D	(0,1)CNTAERO	5,6/1	SIDE (0,1), CONTROL MEMORY ADDRESS ERROR
-48VLC(0,1)	17,18/1	-48 VOLTS FOR CONTROLLER 0 OR CONTROLLER 1 FAULT GROUP	(0,1)ACC4D	5,6/5	SIDE (0,1), SELECTED BIT 4 & D DATA (WRITE BUS TO ALTERNATE DATA RAM)	(0,1)BT5C	5,6/5	SIDE (0,1), TRANSMIT TSI OUT DATA, BITS 5 & C	(0,1)CDDCLRO	5,6/4	SIDE (0,1), C-RAM SHIFT REGISTER CLEAR
GRD(UNIT EOL)	FS1-20	GROUND REFERENCE FOR EOL SPECIFIED IN PARAS. * ALL GROUNDS ARE COMMON	(0,1)ACC6B	5,6/5	SIDE (0,1), SELECTED BIT 6 & B DATA (WRITE BUS TO ALTERNATE DATA RAM)	(0,1)BT6B	5,6/5	SIDE (0,1), TRANSMIT TSI OUT DATA, BITS 6 & B	(0,1)CDDRW	5,6/4	SIDE (0,1), C-RAM OOD READ/WRITE LEAD
SPARE(001-060)	CADS	PINS ACCESSIBLE AT BACKPLANE, NONET	(0,1)ACC7A	5,6/5	SIDE (0,1), SELECTED BIT 7 & A DATA (WRITE BUS TO ALTERNATE DATA RAM)	(0,1)BT7A	5,6/5	SIDE (0,1), TRANSMIT TSI OUT DATA, BITS 7 & A	(0,1)CONTR0	5,6/2	SIDE (0,1), SP TEST POINT FOR BUFFERS
TESTTP(41-59)	FS5,6	TEST POINTS (ARBITRARY NUMBERS)	(0,1)ADSTF	5,6/4	SIDE (0,1), DELAYED 2 MHZ CLOCK	(0,1)B1BLBP1	15,16/1	SIDE (0,1), SP INTERNAL BUS	(0,1)COOSCD	17,18/2	SIDE (0,1), CONTROLLER OUT OF SERVICE CONTROL & DISPLAY PACK
TP1(A,B)TST(C,D)	1/1	DLI (A,B) TEST POINT 1	(0,1)ALTD8 (X,Y,Z,P)	5,6/3	SIDE (0,1), EVEN TS ALTERNATE DATA RAM READ NIBBLES	(0,1)B1BLB(0-7)1	15,16/1	SIDE (0,1), SP INTERNAL BUS	(0,1)COOS(0,1)D	19,20/1	SIDE (0,1), CONTROLLER OUT OF SERVICE
TP1(2,2)FREE	1,3/1	DLI TEST POINTS (1,2) FREE RUN	(0,1)ALTRDO	5,6/2	SIDE (0,1), MC ALT-D READ LATCH ENABLE	(0,1)C(+,-)CPD4L	5,6/1	SIDE (0,1), CONTROLLER, + OR -, CURRENT PROGRAM BUS FOR EOL LEVEL 04	(0,1)COOSIC	17,18/1	SIDE (0,1), CONTROLLER OUT OF SERVICE
TP2(A,B)TST(C,D)	3/1	DLI (A,B) TEST POINT 2	(0,1)ALTROK0	5,6/2	SIDE (0,1), ALT-D READ DATA PARITY CHECK BIT	(0,1)CALM(A,B)	17,18/1-2	SIDE (0,1), CONTROLLER ALARM PATH A OR B	(0,1)COOS34L	17,18/2	SIDE (0,1), CONVERTER VOLTAGE SENSE
(0,1)-48(A,B)	1,3/1	SIDE (0,1), LINK A OR B -48V POWER TO OPTIC RECEIVER	(0,1)ALTROD	5,6/4	SIDE (0,1), ALT-D HIGH MEMORY READ PARITY	(0,1)CALMP(A,B)	17,18/1	SIDE (0,1), CONTROLLER ALARM PATH A OR B	(0,1)COOS48P	17,18/1	SIDE (0,1), CONVERTER OUT OF SERVICE 48 VOLT SENSE
(0,1)(A,B)CONDS	1,3/1	SIDE (0,1), LINK A OR B CONDITIONED +5 VOLTS	(0,1)ALTSLI(A,B)	5,6/1	SIDE (0,1), DI 0 OR 1, SELECT: DLI / ALT-D INPUT	0CDGNOC	17,18/1	SIDE 0, CONTROLLER DIAGNOSTIC FOR CONTROLLER 0 (SNS16)	(0,1)CROIP0(C,D)	17,19/1	SIDE (0,1), CONVERTER REQUEST IN PROGRESS
(0,1)(A,B)DLI0 (X,Y,Z,P)	1,3/1	SIDE (0,1), DLI 0 DATA LEADS TO TSI	(0,1)ALTLD.0	5,6/2	SIDE (0,1), WRITE ENABLE FOR ALT-D RAM	(0,1)CECNTRL	5,6/2	SIDE (0,1), CONTROL RAM, CHIP ENABLE CONTROL	(0,1)CROIP1(C,D)	18,20/1	SIDE (0,1), CONVERTER REQUEST IN PROGRESS
(0,1)(A,B)DLI1 (X,Y,Z,P)	1,3/1	SIDE (0,1), DLI 1 DATA LEADS TO TSI	(0,1)ALTLENO	5,6/4	SIDE (0,1), LOW ALT-D READ LATCH ENABLE	(0,1)CEVCLRO	5,6/4	SIDE (0,1), TSI CLEAR TO EVEN CONTROL MEMORY SHIFT REGISTER	0CSCM1C	17/1	SIDE 0, CONTROLLER SCAN POINT M FOR CONTROLLER 1
(0,1)(A,B)LCPI (0,1)P	1,3/1	SIDE (0,1), LINK A OR B CP INTERVENTION DATA, PROCESSOR 0 OR 1	(0,1)ASOD00F	5,6/4	SIDE (0,1), ATTENUATOR ERROR, ACTIVE LOW	(0,1)CEVENRW	5,6/4	SIDE (0,1), TSI R/W LEAD FOR C-MEMORY EVEN	(0,1)CSCX(0,1)C	17,18/1	SIDE (0,1), CONVERTER SCAN POINT X CONTROLLER 0 OR 1
(0,1)(A,B)LRMD (0,1)P	1,3/1	SIDE (0,1), LINK A OR B RECEIVE MESSAGE TIME SLOT DATA, PROCESSOR 0 OR 1	(0,1)AUTISEN	5/3,6/5	SIDE (0,1), AUTISS ENABLE	(0,1)CFAS	17,18/1	SIDE (0,1), CONTROLLER FORCE ACTIVE	0CSCY1C	17/1	SIDE 0, CONVERTER SCAN POINT Y CONTROLLER 1
(0,1)(A,B)LRMP (0,1)P	1,3/1	SIDE (0,1), LINK A OR B RECEIVE MESSAGE TIME SLOT PARITY, PROCESSOR 0 OR 1	(0,1)(A-F)D	15,16/2	SIDE (0,1), SP TEST POINT	(0,1)CHELO	15,16/2	SIDE (0,1), SP 4 MEGABIT SERIAL STREAM ENABLE	(0,1)CSCZ(0,1)C	17,18/1	SIDE (0,1), CONVERTER SCAN POINT Z CONTROLLER 0 OR 1
(0,1)(A,B)MAEN	1,3/1	SIDE (0,1), LINK A OR B MESSAGE ADDRESS ENABLE	(0,1)(A,B)BKREF	1,3/1	SIDE (0,1), DLI (A,B), 8K REFERENCE TEST POINT	(0,1)CHPEO	15,16/1	SIDE (0,1), SP CHANGE/HIT TIMING ERROR	(0,1)CS(1-3)	17,18/1	SIDE (0,1), CONVERTER SENSE 1,2,3
(0,1)(A,B)MA(0-7)	1,3/1	SIDE (0,1), LINK A OR B MESSAGE ADDRESS BITS 0 - 7	(0,1)BEXRO	15,16/2	SIDE (0,1), FIFO LATCH READ ENABLE	(0,1)CHDEL0	15,16/2	SIDE (0,1), SP LAST LOOK; LAST REPORT; PREDICTED PARITY RAM CHIP ENABLE	(0,1)ESC34L	17,18/2	SIDE (0,1), CONVERTER VOLTAGE SENSE LEVEL 04
(0,1)(A,B)PHRS	1,3/1	SIDE (0,1), LINK A OR B +5 VOLT POWER	(0,1)BPSOAS1	15,16/2	SIDE (0,1), SP 4 MHZ CLOCK	(0,1)CHCEU0	15,16/2	SIDE (0,1), SP LAST LOOK; LAST REPORT; PREDICTED PARITY RAM CHIP ENABLE	(0,1)CTADO(1-8)	5,6/2	SIDE (0,1), TSI CONTROL MEMORY ADDRESS BUS
(0,1)(A,B)RECV	1,3/3,4	SIDE (0,1), LINK A OR B RECEIVE				(0,1)CHRNEO	15,16/2	SIDE (0,1), SP R/W ENABLE	(0,1)CTA0ID	5,6/2	SIDE (0,1), TSI CONTROL MEMORY ADDRESS BIT ZERO
(0,1)(A,B)SELDLI	5,6/2	SIDE (0,1), LINK A OR B SELECT DLI PER TIME SLOT BASIS				(0,1)CHRW0	15,16/2	SIDE (0,1), SP CHANGE SHIFT REGISTERS ENABLE			
(0,1)(A,B)XMIT	1,3/1	SIDE (0,1), LINK A OR B TRANSMIT				(0,1)CHTW7D	15,16/1	SIDE (0,1), SP TEST POINT			
(0,1)(A,B)XPWRS	1,3/1	SIDE (0,1), LINK A OR B +5V POWER TO OPTIC TRANSMITTER				(0,1)CINT(A,R)	17/1	SIDE (0,1), CONVERTER INTERLOCK POINT A AND RETURN			
(0,1)(A,B)ODI.0	5,6/1	SIDE (0,1), DI INPUT DATA TO TSI SELECT				(0,1)CINTB	CAD010,011	SIDE (0,1), CONTROLLER INTERLOCK B AND RETURN			
						(0,1)CKTSET0	15,16/2	SIDE (0,1), CHECK TIME SLOT COUNTER			
						(0,1)CLKSEL(0,1)	5,6/5	SIDE (0,1), TSI CLK SELECT (DLI 0 OR 1)			

TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE A	ISSUE 9AC
AT&T BELL LABORATORIES		SD-5D045-01	
		A#3	

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(0,1)CTST(A,B)	17,18/1	SIDE (0,1), CONVERTER TEST A AND B	(0,1)DOOS4BP	19,20/1	SIDE (0,1), CONVERTER OUT OF SERVICE 48 VOLT POWER	(0,1)FIFOERO	15,16/2	SIDE (0,1), SP FIFO OCTAL FLIP-FLOP ENABLE	(0,1)IGACKU1	15,16/2	SIDE (0,1), SP IGNORE UPPER RAM ADDRESS LATCH CLOCK
(0,1)C4BR	17,18/1	SIDE (0,1), -48 VOLT RETURN	(0,1)DSCN(0,1)C	19,20/1	SIDE (0,1), DLI SCAN M POINT FOR CONTROLLER (0,1)	(0,1)FIFOEWO	15,16/2	SIDE (0,1), SP D FLIP-FLOP EMPTY FLAG CLOCK	(0,1)IGACH1	15,16/3	SIDE (0,1), SP IGNORE RAM SERIAL DATA STREAM
(0,1)DOGN(0,1)C	19,20/1	SIDE (0,1), DLI DIAGNOSTIC FOR CONTROLLER (0,1)	(0,1)DSDX(0,1)C	19,20/1	SIDE (0,1), DLI SCAN POINT X CONTROLLER 0 OR 1	(0,1)FIFOFO	15,16/1	SIDE (0,1), SP FIFO FULL ERROR	(0,1)IGCELO	15,16/2	SIDE (0,1), SP IGNORE LOWER RAM WRITE DATA BUFFER ENABLE
(0,1)DDIPDOO	5,6/4	SIDE (0,1), DELAYED DI PARITY OUT INVERT CONTROL	(0,1)DSEY(0,1)C	19,20/1	SIDE (0,1), DLI SCAN POINT Y CONTROLLER 0 OR 1	(0,1)FO(A,B)RCV	1,3/3-4	SIDE (0,1), LINK A OR B, FIBER OPTIC RECEIVER DATA OUTPUT	(0,1)IGCEUO	15,16/2	SIDE (0,1), SP IGNORE UPPER RAM WRITE DATA BUFFER ENABLE
(0,1)DIAALTS	5,6/1	SIDE (0,1), DI/ALT-D DATA SELECT (EVEN TIME SLOTS)	(0,1)DUADD.0	5,6/4	SIDE (0,1), DSU CYCLE ENABLE	(0,1)FO(A,B)XMIT	1,3/2,5	SIDE (0,1), LINK A OR B, FIBER OPTIC TRANSMITTER DATA INPUT	(0,1)IGNORE0	15,16/2	SIDE (0,1), IGNORE STATE CHANGE LEAD-SP
(0,1)DIAT(A,B)OP	7-10/1	SIDE (0,1), LOCAL DI DATA INPUT TO TS1 P-LEAD	(0,1)EBUPP1	15,15/1	SIDE (0,1), SP EXTERNAL BUS	(0,1)FOATIE	1,3/2	SIDE (0,1), FIBER OPTIC A OR B TIE	(0,1)IGMLO	15,16/2	SIDE (0,1), SP IGNORE LOWER RAM R/W LEAD
(0,1)DIBALTS	5,6/1	SIDE (0,1), ODD TS DI/ALT-D DATA SELECT LEAD	(0,1)EBUS(0-7)1	15,15/1	SIDE (0,1), SP EXTERNAL BUS	(0,1)HCTROPY	5,6/2	SIDE (0,1), TS1 CONTROL RAM HIGH BYTE READ ADDRESS PARITY	(0,1)IGUO	15,16/2	SIDE (0,1), SP IGNORE UPPER RAM R/W LEAD
(0,1)DIBT(A,B)OZ	7-10/1	SIDE (0,1), LOCAL DI DATA INPUT TO TS1 Z-LEAD	(0,1)ENIAF10	15,16/2	SIDE (0,1), SP INTERNAL BUS ENABLE	(0,1)HIADD(CL,PR)	15,16/2	SIDE (0,1), SP TEST POINT	(0,1)INDPYL	5,6/2	SIDE (0,1), BUFFERED MICRO-P DATA PARITY (LOW,HIGH)
(0,1)DICT(A,B)OY	7-10/1	SIDE (0,1), LOCAL DI DATA INPUT TO TS1 Y-LEAD	(0,1)ENMID	15,16/2	SIDE (0,1), SP INTERNAL BUS PARITY ENABLE	(0,1)HICL(EL,PR)	15,15/2	SIDE (0,1), SP TEST POINT	(0,1)INTRA	5,6/2	SIDE (0,1), PERIPHERY TO PERIPHERY LOOP LEAD
(0,1)DICTWRO	5,6/1	SIDE (0,1), ASSIGNMENT UPDATE RESET TO WALKING PARITY	(0,1)EN1STCE	5,6/4	SIDE (0,1), GENERATES 1ST ALT-D CHIP ENABLE (LOW MEMORY)	(0,1)HIF(EL,PR)	15,16/1	SIDE (0,1), SP TEST POINT	(0,1)IADIARO	15,16/2	SIDE (0,1), SP LOWER BUFFER ADDRESS ENABLE
(0,1)DIDT(A,B)OX	7-10/1	SIDE (0,1), LOCAL DI DATA INPUT TO TS1 X-LEAD	(0,1)ENZNDCE	5,6/4	SIDE (0,1), GENERATES 2ND ALT-D CHIP ENABLE (LOW MEMORY)	(0,1)HIIA(CL,PR)	15,16/1	SIDE (0,1), SP TEST POINT	(0,1)IADIGRO	15,16/2	SIDE (0,1), SP IGNORE LOWER RAM ADDRESS BUFFER ENABLE
(0,1)DINT	19,20/1	SIDE (0,1), DLI INTERLOCK	(0,1)EN3RDCE	5,6/4	SIDE (0,1), GENERATES 3RD ALT-D CHIP ENABLE (LOW MEMORY)	(0,1)HIIIC(CL,PR)	15,16/3	SIDE (0,1), SP TEST POINT	(0,1)IADMRO	15,16/2	SIDE (0,1), SP LOWER ADDRESS MRAM BUFFER ENABLE
(0,1)DINTR	19,20/1	SIDE (0,1), DLI INTERLOCK RETURN	(0,1)ERRCLK	5,6/2	SIDE (0,1), 8 MHZ CLOCK DISABLED DURING I/O OPERATIONS	(0,1)HIIN(CL,PR)	15,16/3	SIDE (0,1), SP TEST POINT	(0,1)IL(A,B)RMTD	1,3/1	SIDE (0,1), DLI TO LINK MONITOR BOARD (A,B) LINK RECEIVE MESSAGE TIME SLOT DATA
(0,1)DINTAR	19,20/1	SIDE (0,1), DLI INTERLOCK POINT A RETURN FOR RSM	(0,1)ERRDI.0	5,6/4	SIDE (0,1), DI ERROR TO INTERRUPT CIRCUIT	(0,1)HIPRM	15,16/3	SIDE (0,1), SP TEST POINT	(0,1)IL(A,B)(0,1)PTMD	1,3/1	SIDE (0,1), LINK MONITOR BOARD (A,B) LINK TRANSMIT MESSAGE TIME SLOT DATA FROM PROCESSOR (0,1)
(0,1)DINTBR	CAD041,042	SIDE (0,1), DLI INTERLOCK POINT B RETURN FOR RSM	(0,1)ERZEN.0	5,6/2	SIDE (0,1), ESR 2 READ LEAD	(0,1)HICMR.0	5,6/3	SIDE (0,1), TS1 ALT-D HIGH MODULE CONTROLLER WRITE CYCLE ENABLE	(0,1)ILCKMTS	1,3/1	SIDE (0,1), LINK CLOCK MESSAGE TIME SLOT
(0,1)DIPDOO0	5,6/4	SIDE (0,1), DI PARITY OUT INVERT	(0,1)ERZOR	5,6/3	SIDE (0,1), ERROR INDICATION FROM ESR 2 TO INTERRUPT CIRCUIT	(0,1)IAACKL1	15,16/2	SIDE (0,1), SP LOWER ACCESS RAM ADDRESS LATCH CLOCK	(0,1)ILCONTR0	5,6/4	SIDE (0,1), LATCHED COUNT ERROR
(0,1)DIPTYEN0	5,6/1	SIDE (0,1), PER TIME SLOT DI PARITY CHECK ENABLE	(0,1)ERZOR3	5,6/1	SIDE (0,1), ERROR FROM ESR 2 LOW BYTE OR FROM ESR 3	(0,1)IAACKU1	15,16/2	SIDE (0,1), SP UPPER ACCESS RAM ADDRESS LATCH CLOCK	(0,1)ILCPC(0,1)P	1,3/1	SIDE (0,1), LINK CONTROL PARITY CLOCK FOR PROCESSOR 0 OR 1
(0,1)DLI(+,-)CP	1,3/1	SIDE (0,1), DLI + OR - CURRENT PROGRAM	(0,1)ER3EM.0	5,6/2	SIDE (0,1), ESR 3 READ LEAD	(0,1)IADCKL1	15,16/2	SIDE (0,1), SP LOWER ACCESS RAM DATA LATCH ENABLE	(0,1)ILCTROPY	5,6/2	SIDE (0,1), TS1 CONTROL RAM LOW BYTE READ ADDRESS PARITY
(0,1)DLIA4BR	19/1,20/2	SIDE (0,1), DLI 48 VOLT RETURN	(0,1)EVCTR(C,D,E)0	5,6/2	SIDE (0,1), TS1 CONTROL RAM C,D, AND E WRITE ENABLE EVEN	(0,1)IADCKU1	15,16/2	SIDE (0,1), SP UPPER ACCESS RAM DATA LATCH ENABLE	(0,1)IDAIARO	15,16/2	SIDE (0,1), SP LOWER ACCESS RAM DATA LATCH ENABLE
(0,1)DLIALM	19,20/2	SIDE (0,1), DLI ALARM	(0,1)EXCHO	15,16/2	SIDE (0,1), SP CHANGE HIT TIMING ERROR PRESET	(0,1)IADMLO	15,16/2	SIDE (0,1), SP LOWER WRITE REGISTER CHIP ENABLE	(0,1)IDAIGRO	15,16/2	SIDE (0,1), SP IGNORE LOWER RAM DATA LATCH ENABLE
(0,1)DLIALMP	19,20/2	SIDE (0,1), DLI ALARM	(0,1)EXFICO	15,16/2	SIDE (0,1), SP FIFO FULL ERROR PRESET	(0,1)IADMUO	15,16/2	SIDE (0,1), SP UPPER WRITE REGISTER CHIP ENABLE			
(0,1)DLIAL(R,MR)	19,20/1	SIDE (0,1), DLI ALARM	(0,1)EXIGDAO	15,16/2	SIDE (0,1), SP IGNORE RAM ERROR PRESET	(0,1)IAWLO	15,6/2	SIDE (0,1), SP LOWER R/W CHIP ENABLE			
(0,1)DLIDSEL	5/2,6/3	SIDE (0,1), TS1 SELECT FOR DLI CLOCK	(0,1)EXINLO	15,16/2	SIDE (0,1), SP LOWER EXTERNAL PARITY INPUT	(0,1)IAWUO	15,16/2	SIDE (0,1), SP UPPER R/W CHIP ENABLE			
(0,1)DLIDOS	19,20/2	SIDE (0,1), DLI OUT OF SERVICE	(0,1)EXINUO	15,16/2	SIDE (0,1), SP UPPER EXTERNAL PARITY INPUT	(0,1)IC6.19	5,6/3	SIDE (0,1), TEST POINT			
(0,1)DLIDOSP	19/2,20/2	SIDE (0,1), DLI OUT OF SERVICE	(0,1)EXMLP0	15,16/2	SIDE (0,1), SP LOWER EXTERNAL MRAM PARITY	(0,1)IC85.8	5,6/3	SIDE (0,1), TEST POINT			
(0,1)DLIRA7	1,3/1	SIDE (0,1), READ ADDRESS 7 ENABLE	(0,1)EXMUPO	15,16/2	SIDE (0,1), SP UPPER EXTERNAL MRAM PARITY	(0,1)IDACE0	15,16/2	SIDE (0,1), SP RAM CHIP ENABLE			
(0,1)DLISC	19,20/2	SIDE (0,1), DLI VOLTAGE SENSE	(0,1)EXNDAO	15,16/2	SIDE (0,1), SP INPUT BUFFER ERROR PRESET	(0,1)IDL(A,B)ODI	15,16/1	SIDE (0,1), IDLE CODE LOOP ENABLE FOR LOCAL DI			
(0,1)DLISEL	5,6/2	SIDE (0,1), TS1 SELECT FOR DLI CLOCK	(0,1)FIFEERO	15,16/2	SIDE (0,1), SP EMPTY FLAG MULTIPLEXER SELECT	(0,1>IDPY(H,L)	5,6/2	SIDE (0,1), INPUT DATA PARITY (LOW,HIGH)			
(0,1)DLIS(1-3)	19,20/1	SIDE (0,1), DLI SENSE 1,2,3 (CONVERTER)	(0,1)FIFEEOO	15,16/2	SIDE (0,1), SP LOAD FIFO POINTER	(0,1)IERDI(A,B)	5,6/5	SIDE (0,1), ERROR LEAD DI (A OR B) INPUT			
(0,1)DLITSTA	19,20/1	SIDE (0,1), DLI TEST PATH A (CONVERTER)	(0,1)FIFEEOO	15,16/2	SIDE (0,1), SP LOAD FIFO POINTER	(0,1)IERDLI(A,B)	5,6/5	SIDE (0,1), ERROR LEAD DLI (A OR B) INPUT			
(0,1)DLP(A,B)ODI	5,6/1	SIDE (0,1), DATA LOOP ENABLE FOR LOCAL DI				(0,1)IGACKL1	15,16/2	SIDE (0,1), SP IGNORE LOWER RAM ADDRESS LATCH CLOCK			

TIME SLOT INTERCHANGER UNIT,
MODEL 2

DWG SIZE
A

ISSUE
9AC

AT&T
BELL LABORATORIES

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Mnemonic			Mnemonic			Mnemonic			Mnemonic		
ES/SYM	DEFINITION		ES/SYM	DEFINITION		ES/SYM	DEFINITION		ES/SYM	DEFINITION	
(0,1)LDAMRO	15,16/2	SIDE (0,1), SP LOWER MRAM DATA LATCH ENABLE	(0,1)NAE	11,13/1	SIDE (0,1), NOT ADDRESS ENABLE	(0,1)RLCNT3G	5,6/4	SIDE (0,1), LATCHED COUNT 3 PLUS LATCHED COUNT 2	(0,1)SU4S0	CAD022,023	SIDE (0,1), SUBUNIT 4 SELECT, ACTIVE LOW
(0,1)LI(A,B)IP0D	5,6/2	SIDE (0,1), TSI INPUT FROM DLI PARITY CHECK BIT	(0,1)NDACH1	15,16/3	SIDE (0,1), SP 4 MEGABIT SERIAL DATA STREAM	(0,1)RLCNT(4-8)	5,6/4	SIDE (0,1), RE-LATCHED COUNT 4-8	(0,1)SU4WT0	CAD022,023	SIDE (0,1), SUBUNIT 4 WAIT, ACTIVE LOW
(0,1)LINT	1,3/1	SIDE (0,1), LINK MONITOR BOARD DLI INTERRUPT	(0,1)NEW(A-D)	5,6/2	SIDE (0,1), A-D BITS SOURCED FROM TSI CONTROL RAM	(0,1)RRDADPY	5,6/2	SIDE (0,1), RECEIVE TSI READ ADDRESS PARITY	(0,1)SMDLI(A,B)D	5,6/1	SIDE (0,1), PER TIME SLOT DLI SWITCH
(0,1)LINT(0,1)UP	1,3/1	SIDE (0,1), LINK INTERRUPT MICRO-PROCESSOR	(0,1)NEWPY3	5,6/2	SIDE (0,1), PARITY ACROSS SOURCED A-D BITS	(0,1)RVADD(0-8)	5,6/2	SIDE (0,1), RECEIVE TSI ADDRESS BUS	(0,1)SY6MS(0,1)D	1,3/1	SIDE (0,1), SYSTEM 6 MILLISECOND SYNC, ACTIVE LOW
(0,1)LIO(A,B)POD	5,6/2	SIDE (0,1), TSI OUTPUT TO DLI PARITY CHECK BIT	(0,1)NON3SUB	5,6/2	SIDE (0,1), SELECTS BETWEEN EXISTING AND SOURCED A-D BITS	(0,1)SCAN1	15,16/2	SIDE (0,1), SP TRI-STATE DISENABLE	(0,1)SY6KH(0,1)D	1,3/1	SIDE (0,1), SYSTEM 8 KHZ SYNC, ACTIVE LOW
(0,1)LISE	5,6/5	SIDE (0,1), E BIT FROM DLI (TSI)	(0,1)ODCTR(C-E)D	5,6/2	SIDE (0,1), TSI CONTROL RAM C,D, AND E WRITE ENABLE CDD	(0,1)SERWR(4,L)	5,6/2	SIDE (0,1), SERIAL WRITE DATA LOW BYTE	(0,1)T(A,B)SADD(A-D)	5,6/1	SIDE (0,1), DI ADDRESS FROM TSI
(0,1)LMTC(0,1)P	1,3/1	SIDE (0,1), LINK MESSAGE TIME SLOT CLOCK	(0,1)OERDL(A,B)	5,6/5	SIDE (0,1), TSI OUTPUT TO DLI ERROR LEAD	(0,1)SHS(0,1)R	5,6/2	SIDE (0,1), CONTROL RAM SHIFT REGISTER CONTROLS	(0,1)T(A,B)ODISO	5,6/1	SIDE (0,1), TSI-BOARD SELECT FOR CDD/EVEN DI
(0,1)LRDADT	15,16/1	SIDE (0,1), SP TEST POINT	(0,1)PBI(0,1)(N,P)	5,6/3	SIDE (0,1), DSU DATA TO TSI 0 OR 1, NEG OR POS	(0,1)STPOUB	5,6/1	SIDE (0,1), DSU SERVICE GROUP 1 ERROR MASK	(0,1)TBUF(1-5)E0	15,16/1,3	SIDE (0,1), SP TEST POINT
(0,1)LRCD(0,1)UP	1,3/1	SIDE (0,1), LINK RECEIVE DATA	(0,1)PBO(0,1)(N,P)	5,6/3	SIDE (0,1), TSI DATA TO DSU 0 OR 1, NEG OR POS	(0,1)SUAP	5,6/2	SIDE (0,1), SUBUNIT ADDRESS PARITY	(0,1)TCXB(0-7)1	15,16/2	SIDE (0,1), SP MRAM ADDRESS LEADS
(0,1)MADEKLI	15,16/2	SIDE (0,1), SP MRAM LOWER ADDRESS LATCH CLOCK	(0,1)PERLOOP	5,6/2	SIDE (0,1), TMS TO TMS LOOP SELECT	(0,1)SUATZ	5,6/2	SIDE (0,1), SUBUNIT ADDRESS BIT 1	(0,1)TESTEN	15,16/1	SIDE (0,1), SP TEST POINT
(0,1)MADEKUI	15,16/2	SIDE (0,1), SP MRAM UPPER ADDRESS LATCH CLOCK	(0,1)PERRINO	15,16/1	SIDE (0,1), SP INPUT DATA/IGNORE RAM ERROR	(0,1)SUA(2-6)	5,6/2	SIDE (0,1), SUBUNIT ADDRESS BITS 2 THRU 6	(0,1)TP(A,B)ODIA	5,6/1	SIDE (0,1), P LEAD TO LOCAL DI
(0,1)MATEEN	1,3/1	SIDE (0,1), DLI MATE ENABLE	(0,1)PFRONSP	15,16/3	SIDE (0,1), NIBBLE BUS BIT P FROM SIGNAL PROCESSOR TO TSI	(0,1)SU(RD,WR)D	5,6/2	SIDE (0,1), SUBUNIT READ OR WRITE, ACTIVE LOW	(0,1)TRANSAD	5,6/4	SIDE (0,1), ALT-D ADDRESS SELECT BIT
(0,1)MATE4MO	1,3/1	SIDE (0,1), DLI MATE 4 MHZ CLOCK OUT	(0,1)PHZERCK	5,6/2	SIDE (0,1), TSI ERROR REGISTER CLOCK	(0,1)SUOP(H,L)	5,6/2	SIDE (0,1), SUBUNIT DATA PARITY HIGH OR LOW	(0,1)TRANSA(0-6)	5,6/3	SIDE (0,1), ALT-D LOW TRANSLATION ADDRESS
(0,1)MCADD(0-7)	5,6/3	SIDE (0,1), MODULE CONTROLLER ADDRESS TO ALT-D (TSI)	OPDPODD	5/2	SIDE 0, TSI CHECK BIT FOR PARITY OVER DATA TO SP	(0,1)SUD(0,1)Z	5,6/2	SIDE (0,1), SUBUNIT DATA BITS 0 & 1	(0,1)TRDADPY	5,6/2	SIDE (0,1), TRANSLATION ADDRESS PARITY
(0,1)MCADD#0	5,6/3	SIDE (0,1), CONTROL ADDRESS BIT 8 (TSI)	(0,1)PSDALD	15,16/2	SIDE (0,1), SP SERIAL SHIFT REGISTER PARALLEL LOAD	(0,1)SUD(2-9)	5,6/2	SIDE (0,1), SUBUNIT DATA BITS 2 THRU 9	(0,1)TSI(A,B)(0,1)P	5,6/5	SIDE (0,1), NIBBLE BUS DATA BIT P FROM TSI TO DLI LINKS A0,A1,B0, OR B1
(0,1)MCHADPY	5,6/3	SIDE (0,1), MODULE CONTROLLER HIGH ADDRESS PARITY (TSI)	(0,1)P1ND	15,16/3	SIDE (0,1), TSI DATA PARITY ERROR-SP	(0,1)SUD(10,11)Z	5,6/2	SIDE (0,1), SUBUNIT DATA BITS 10 & 11	(0,1)TSI(A,B)(0,1)X	5,6/5	SIDE (0,1), NIBBLE BUS DATA BIT X FROM TSI TO DLI LINKS A0,A1,B0, OR B1
(0,1)MCHWRPY	5,6/3	SIDE (0,1), MODULE CONTROLLER HIGH WRITE PARITY (TSI)	(0,1)PRAR8PY	5,6/2	SIDE (0,1), RAM ADDRESS REGISTER PARITY (TSI)	(0,1)SUD(12-15)	5,6/2	SIDE (0,1), SUBUNIT DATA BITS 12 THRU 15	(0,1)TSI(A,B)(0,1)Y	5,6/5	SIDE (0,1), NIBBLE BUS DATA BIT Y FROM TSI TO DLI LINKS A0,A1,B0, OR B1
(0,1)MPCK1	15,16/2	SIDE (0,1), SP READ RAM LATCHES CLOCK	(0,1)RCKB(0-9)1	15,16/2	SIDE (0,1), SP IGNORE RAM ADDRESS LEADS	(0,1)SUDEPPO	5,6/2	SIDE (0,1), SUBUNIT 0 ERROR, ACTIVE LOW	(0,1)TSI(A,B)(0,1)Z	5,6/5	SIDE (0,1), NIBBLE BUS DATA BIT Z FROM TSI TO DLI LINKS A0,A1,B0, OR B1
(0,1)MPERRO	15,16/3	SIDE (0,1), SP MRAM PARITY ERROR	(0,1)RCKLN(0-3)1	15,16/1	SIDE (0,1), SP CLOCK TEST POINT	(0,1)SU0S0	5,6/2	SIDE (0,1), SUBUNIT 0	(0,1)TSI(X,Y,Z,P)SP	5,6/5	SIDE (0,1), NIBBLE BUS FROM TSI TO SP
(0,1)MPF0	17,18/1	SIDE (0,1), MATE POWER FAILURE ACTIVE LOW	(0,1)RCKUN(0-3)1	15,16/1	SIDE (0,1), SP CLOCK TEST POINT	(0,1)SU0WT0	5,6/2	SIDE (0,1), SUBUNIT 0 WAIT, ACTIVE LOW	(0,1)TSPI	5,6/2	SIDE (0,1), CONTROL RAM WRITE TIME SLOT PARITY INVERTED
(0,1)MPSE1	15,16/2	SIDE (0,1), SP RAM ADDRESS MULTIPLEXER									

ISSUE
9A0

A15

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DESIGNATION MNEMONICS INDEX

MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION
(0,1)TTADO(0-8)	5,6/2	SIDE (0,1), TRANSMIT TSI ADDRESS	(0,1)ZZ.2	5,6/3	SIDE (0,1), PULL-UP
(0,1)TX(A,B)ODID	5,6/1	SIDE (0,1), TSI X DATA LEAD TO LOCAL DI	(0,1)(0,1)C(0-22) (N,P)	11-14/1	SIDE (0,1), DI 0 OR 1, PICB OUTPUT CLOCK LEAD (0 - 22) NEG OR POS
(0,1)TY(A,B)ODIC	5,6/1	SIDE (0,1), TSI Y DATA LEAD TO LOCAL DI	(0,1)(0,1)DATA (0-2)	11-14/1	SIDE (0,1), CONTROL INTERFACE (0,1) INPUT DATA TEST POINTS
(0,1)TZ(A,B)ODIB	5,6/1	SIDE (0,1), TSI Z DATA LEAD TO LOCAL DI	(0,1)(0,1)D(0-22) (N,P)	11-14/1	SIDE (0,1), DI 0 OR 1, PICB INPUT DATA LEAD (0 - 22) NEG OR POS
(0,1)T2MHC1	5,6/5	SIDE (0,1), 2 MHZ CLOCK TO C1	(0,1)(0,1)INIT	7,8,13, 14/1	SIDE (0,1), DI 0 OR 1, TEST POINT
(0,1)T6MSSPO	5,6/5	SIDE (0,1), 6 MILLISECOND SYNC FROM TSI TO SP, ACTIVE LOW	(0,1)(0,1)INT0	11-14/1	SIDE (0,1), CONTROL INTERFACE (0,1) SUBUNIT INTERRUPT PULL-DOWN
(0,1)T8K(A0,B0) DI	5,6/5	SIDE (0,1), 8 KHZ SYNC TO DI A & B	(0,1)(0,1)INT (0-22)P	11-14/1	SIDE (0,1), C1 0 OR 1, PICB INTERRUPT LEAD (0 - 22)
(0,1)T8M(A0,B0) DI	5,6/4	SIDE (0,1), 8 MHZ CLOCK TO DI A & B	(0,1)(0,1)N(C,D) MF(H,L)	11-14/1	SIDE (0,1), CONTROL INTERFACE CLOCK AND DATA MUX FAILURE TEST POINTS
(0,1)T8MSP	5,6/5	SIDE (0,1), 8 MHZ CLOCK FROM TSI TO SP	(0,1)(0,1)NSINT	11-14/1	SIDE (0,1), CONTROL INTERFACE SHIFT INTERRUPT TEST POINTS
(0,1)UADIARD	15,16/2	SIDE (0,1), SP UPPER BUFFER ADDRESS ENABLE	(0,1)(0,1)OD(0-22) (N,P)	11-14/1	SIDE (0,1), C1 0 OR 1, PICB OUTPUT DATA LEAD (0 - 22) NEG OR POS
(0,1)UADIGRO	15,16/2	SIDE (0,1), SP IGNORE UPPER RAM ADDRESS BUFFER ENABLE	(0,1)(0,1)PB(1,0) (0-15)(N,P)	7-10/1	SIDE (0,1), DI 0 OR 1, PERIPHERAL BUS INTERFACE INPUT/OUTPUT 0-15 NEG OR POS
(0,1)UADHRO	15,16/2	SIDE (0,1), SP UPPER ADDRESS MRAM BUFFER ENABLE	(0,1)(0,1)PRXC1 (N,P)	CAD044,045	SIDE (0,1), PACKET BUS RECEIVE CLOCK, NEGATIVE OR POSITIVE
(0,1)UADIARD	15,16/2	SIDE (0,1), SP UPPER ACCESS RAM DATA LATCH ENABLE	(0,1)(0,1)RESET	11-14/1	SIDE (0,1), SUBUNIT 2 & 3 MANUAL RESET
(0,1)UADIARGRO	15,16/2	SIDE (0,1), SP IGNORE UPPER RAM DATA LATCH ENABLE	(0,1)(0,1)S(0-22) (N,P)	11-14/1	SIDE (0,1), DI 0 OR 1, PICB OUTPUT SELECT LEAD (0 - 22) NEG OR POS
(0,1)UADHRO	15,16/2	SIDE (0,1), SP UPPER MRAM DATA LATCH ENABLE	(0,1)(0,1)TCX	7-10/1	SIDE (0,1), DI 0 OR 1, TEST POINT
(0,1)UPACT(0,1)L	1,3/1	SIDE (0,1), MICRO PROCESSOR ACTIVE LINK 0 OR 1	(0,1)(0,1)TPMM1	11-14/1	SIDE (0,1), CONTROL INTERFACE (0,1), MAINTENANCE INTERRUPT TEST POINTS
(0,1)UPEK(0,1)L	1,3/1	SIDE (0,1), MICRO PROCESSOR CLOCK LINK 0 OR 1	(0,1)(0,1)4MC (0-15)(N,P)	7-10/1	SIDE (0,1), DI 0 OR 1, 4 MHZ P1DB CLOCK NEG OR POS
(0,1)UPGO(0,1)L	1,3/1	SIDE (0,1), MICRO PROCESSOR GO LINK 0 OR 1	(0,1)(0,1)8KS (0-15)(N,P)	7-10/1	SIDE (0,1), DI 0 OR 1, 8 KHZ SYNC P1DB (0 - 15) NEG OR POS
(0,1)UPTMD(0,1) (A,B)	1,3/1	SIDE (0,1), MICRO PROCESSOR TRANSMIT MESSAGE TIME SLOT DATA LINK 0A,1A, OR 1B	(0,1)2CKRFD0	15,16/2	SIDE (0,1), SP 2 MHZ CLOCK
(0,1)UPTMP(0,1) (A,B)	1,3/1	SIDE (0,1), MICRO PROCESSOR TRANSMIT MESSAGE TIME SLOT PARITY LINK 0A,1A, OR 1B	(0,1)4MC(0,1)(N,P)	5,6/3	SIDE (0,1), 4 MHZ DI 0 OR 1, NEG OR POS
(0,1)UPTRD(0,1)L	1,3/1	SIDE (0,1), MICRO PROCESSOR TRANSMIT DATA LINK 0 OR 1	(0,1)8CK1	15,16/2	SIDE (0,1), SP PARITY BIT ENABLE
(0,1)WCKB(0-8)1	15,16/2	SIDE (0,1), SP RAM WRITE ADDRESS LEADS	(0,1)8KS(0,1)(N,P)	5,6/3	SIDE (0,1), 8 KHZ TO DSU, NEG OR POS
(0,1)WCKLN(0-3)1	15,16/1	SIDE (0,1), SP TEST POINT	(0,1)8MH(0,1)CK	1,3/1	SIDE (0,1), 8 MHZ CLOCK DI 0 OR 1
(0,1)WCKUN(0-3)1	15,16/1	SIDE (0,1), SP TEST POINT	1C0GN1C	18/1	SIDE 1, CONTROLLER DIAGNOSTIC FOR CONTROLLER 1
(0,1)WRETR.0	5,6/2,4	SIDE (0,1), CONTROL MEMORY WRITE ENABLE	1C0HW0C	18/1	SIDE 1, CONTROLLER SCAN W POINT FOR CONTROLLER 0
(0,1)WRPAR1	15,16/2	SIDE (0,1), SP WRITE PARITY	1C0CY0C	18/1	SIDE 1, CONVERTER SCAN POINT Y CONTROLLER 0
(0,1)(X,Y,Z) FROMSP	15,16/3	SIDE (0,1), NIBBLE BUS DATA BITS X,Y, & Z FROM SP TO TSI			
(0,1)XMSCK1	15,16/2	SIDE (0,1), SP LOAD FOR MRAM SHIFT REGISTERS OUT			
(0,1)Y(3,7)DEC.0	5,6/4	SIDE (0,1), INCOMING DSU DATA PARITY CHECK			

TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE 12	ISSUE 9AC
AT&T BELL LABORATORIES		SD-5D045-01	
		02/26/85	

APPARATUS INDEX

EQUIP LOC
NO. SH NO.

CIRCUIT PACKS

04-010	4	C#3
04-018	3	C#3
04-028	2	C#2
04-036	2	C#2
04-044	2	C#2
04-052	2	C#2
04-052	2	C#2
04-060	2	C#2

04-068	2	C#2
04-068	2	C#2
04-076	2	C#2
04-084	2	C#2

04-100	2	C#2
04-108	2	C#2
04-116	2	C#2
04-116	2	C#2

04-124	2	C#2
04-132	2	C#2
04-132	2	C#2
04-140	2	C#2

04-148	2	C#2
04-156	2	C#2
04-164	3	C#3
04-172	4	C#3

13-008	2	C#2
13-008	2	C#2
13-032	2	C#2
13-032	2	C#2

13-042	2	C#2
13-042	2	C#2
13-076	2	C#2
13-076	2	C#2

13-084	2	C#2
13-100	2	C#2
13-108	2	C#2
13-108	2	C#2

13-142	2	C#2
13-142	2	C#2
13-152	2	C#2
13-152	2	C#2

13-180	2	C#2
13-180	2	C#2

DESIG

OCP	2	C#2
OCP	2	C#2
ODLICP	2	C#2
ODLICP	2	C#2

ICP	2	C#2
ICP	2	C#2
ODLICP	2	C#2
ODLICP	2	C#2

CI00	3	C#3
CI01	4	C#3
CI10	3	C#3
CI11	4	C#3

DI00	2	C#2
DI00	2	C#2
DI01	2	C#2
DI01	2	C#2

DI10	2	C#2
DI10	2	C#2
DI11	2	C#2

APP FIG.
NO. SH NO.

CIRCUIT PACKS(ONT)

DL11	2	C#2
DL10	2	C#2
DL11	2	C#2
SP0	2	C#2
SP0	2	C#2
SP0	2	C#2
SP1	2	C#2
SP1	2	C#2

SP1	2	C#2
TS10	2	C#2
TS10	2	C#2
TS10	2	C#2

TS10	2	C#2
TS10	2	C#2
TS10	2	C#2
TS10	2	C#2

TS11	2	C#2
TS11	2	C#2
TS11	2	C#2
TS11	2	C#2

TS11	2	C#2
TS11	2	C#2
TS11	2	C#2

LOCATION
FS/SYM APPFIG EQPT

BERG SWITCH

MTSS0A	2/1	2	13-083A
MTSS0B	2/2	2	13-083B
MTSS1A	4/1	2	13-099A
MTSS1B	4/2	2	13-099B

CIRCUIT PACK-CP

OCP	17/1	2	13-008
OCP	17/1	2	13-008
ODLICP	19/1	2	13-076
ODLICP	19/1	2	13-076

ICP	18/1	2	13-180
ICP	18/1	2	13-180
ODLICP	20/1	2	13-108
ODLICP	20/1	2	13-108

CI00	12/1	3	04-018
CI01	11/1	4	04-010
CI10	14/1	3	04-164
CI11	13/1	4	04-172

DI00	7/1	2	13-032
DI00	7/1	2	13-032
DI01	8/1	2	13-042
DI01	8/1	2	13-042

DI10	9/1	2	13-152
DI10	9/1	2	13-152
DI11	10/1	2	13-142
DI11	10/1	2	13-142

DL10	1/1	2	13-084
DL11	3/1	2	13-100
SP0	15/3	2	04-044
SP0	15/1	2	04-028

SP0	15/2	2	04-036
SP1	16/1	2	04-156
SP1	16/3	2	04-140
SP1	16/2	2	04-148

TS10	5/1	2	04-052
TS10	5/2	2	04-060
TS10	5/1	2	04-052
TS10	5/3	2	04-068

TS10	5/3	2	04-068
TS10	5/4	2	04-076
TS10	5/5	2	04-084
TS11	6/1	2	04-132

TS11	6/3	2	04-116
TS11	6/2	2	04-124
TS11	6/1	2	04-132
TS11	6/3	2	04-116

TS11	6/5	2	04-100
TS11	6/4	2	04-108

CONVERTER

OCP	17/2	2	13-024
OCP	17/2	2	13-024
ODLICP	19/2	2	13-068
ODLICP	19/2	2	13-068

ICP	18/2	2	13-170
ICP	18/2	2	13-170
ODLICP	20/2	2	13-116
ODLICP	20/2	2	13-116

LEAD INDEX

LOCATION
FS/SYM CAD

FUSE PANEL (CONT)

1CFAS	18/1	027
1CTSTA	18/1	027
1CTSTB	18/1	027
1DLIA-3R	20/1	033
1DLIALM	20/2	042
1DLITSTA	20/1	025

SWITCHING MODULE APPLICATION
SCHEMATIC

OFDARCV	1/3	004
OFDAXMIT	1/2	004
OFDBRCV	1/4	006
OFDBXMIT	1/5	006

1FDARCV	3/3	005
1FDAXMIT	3/2	005
1FDBRCV	3/4	007
1FDBXMIT	3/5	007

00CON	12/1	018
00COP	12/1	018
00CIN	12/1	018
00C1P	12/1	018

00C2N	12/1	018
00C2P	12/1	018
00C3N	12/1	018
00C3P	12/1	018

00C4N	12/1	018
00C4P	12/1	018
00C5N	12/1	018
00C5P	12/1	018

00C6N	12/1	018
00C6P	12/1	018
00C7N	12/1	018
00C7P	12/1	018

00C8N	12/1	018
00C8P	12/1	018
00C9N	12/1	018
00C9P	12/1	018

00C10N	12/1	018
00C10P	12/1	018
00C11N	12/1	018
00C11P	12/1	018

00C12N	12/1	018
00C12P	12/1	018
00C13N	12/1	018
00C13P	12/1	018

00C14N	12/1	018
00C14P	12/1	018
00C15N	12/1	018
00C15P	12/1	018

00C16N	12/1	018
00C16P	12/1	018
00C17N	12/1	018
00C17P	12/1	018

00C18N	12/1	018
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LOCATION
FS/SYM CADSWITCHING MODULE APPLICATION
SCHEMATIC (CONT)

00C18P	12/1	018
00C19N	12/1	018
00C19P	12/1	018
00C20N	12/1	018

00C20P	12/1	018
00C21N	12/1	018
00C21P	12/1	018
00C22N	12/1	018

00C22P	12/1	018
00D0N	12/1	018
00D0P	12/1	018
00D1N	12/1	018

00D1P	12/1	018
00D2N	12/1	018
00D2P	12/1	018
00D3N	12/1	018

00D3P	12/1	018
00D4N	12/1	018
00D4P	12/1	018
00D5N	12/1	018

00D5P	12/1	018
00D6N	12/1	018
00D6P	12/1	018
00D7N	12/1	018

00D7P	12/1	018
00D8N	12/1	018
00D8P	12/1	018
00D9N	12/1	018

00D9P	12/1	018
00D10N	12/1	018
00D10P	12/1	018
00D11N	12/1	018

00D11P	12/1	018
00D12N	12/1	018
00D12P	12/1	018
00D13N	12/1	018

00D13P	12/1	018
00D14N	12/1	018
00D14P	12/1	018
00D15N	12/1	018

00D15P	12/1	018
00D16N	12/1	018
00D16P	12/1	018
00D17N	12/1	018

00D17P	12/1	018
00D18N	12/1	018
00D18P	12/1	018
00D19N	12/1	018

00D19P	12/1	018
00D20N	12/1	018
00D20P	12/1	018
00D21N	12/1	018

00D21P	12/1	018
00D22N	12/1	018
00D22P	12/1	018

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MODEL 2DWG SIZE
C2ISSUE
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BELL LABORATORIES

SD-5D045-01

A#7

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LEAD INDEX (CONT)																	
LOCATION			LOCATION			LOCATION			LOCATION			LOCATION			LOCATION		
DESIG	FS/SYM	CAD	DESIG	FS/SYM	CAD	DESIG	FS/SYM	CAD	DESIG	FS/SYM	CAD	DESIG	FS/SYM	CAD	DESIG	FS/SYM	CAD
SWITCHING MODULE APPLICATION SCHEMATIC (CONT)			SWITCHING MODULE APPLICATION SCHEMATIC (CONT)			SWITCHING MODULE APPLICATION SCHEMATIC (CONT)			SWITCHING MODULE APPLICATION SCHEMATIC (CONT)			SWITCHING MODULE APPLICATION SCHEMATIC (CONT)			SWITCHING MODULE APPLICATION SCHEMATIC (CONT)		
00INT0P	12/1	018	000D20P	12/1	018	00PB013P	7/1	016	01C6P	11/1	020	011D15P	11/1	020	010D13N	11/1	020
00INT1P	12/1	018	000D21N	12/1	018	00PB014N	7/1	016	01C7N	11/1	020	011D16N	11/1	020	010D13P	11/1	020
00INT2P	12/1	018	000D21P	12/1	018	00PB014P	7/1	016	01C7P	11/1	020	011D16P	11/1	020	010D14N	11/1	020
00INT3P	12/1	018	000D22N	12/1	018	00PB015N	7/1	016	01C8N	11/1	020	011D17N	11/1	020	010D14P	11/1	020
00INT4P	12/1	018	000D22P	12/1	018	00PB015P	7/1	016	01C9P	11/1	020	011D17P	11/1	020	010D15N	11/1	020
00INT5P	12/1	018	00PB10N	7/1	016	00S0N	12/1	018	01C9N	11/1	020	011D18N	11/1	020	010D15P	11/1	020
00INT6P	12/1	018	00PB10P	7/1	016	00S0P	12/1	018	01C9P	11/1	020	011D18P	11/1	020	010D16N	11/1	020
00INT7P	12/1	018	00PB11N	7/1	016	00S1N	12/1	018	01C10N	11/1	020	011D19N	11/1	020	010D16P	11/1	020
00INT8P	12/1	018	00PB11P	7/1	016	00S1P	12/1	018	01C10P	11/1	020	011D19P	11/1	020	010D17N	11/1	020
00INT9P	12/1	018	00PB12N	7/1	016	00S2N	12/1	018	01C11N	11/1	020	011D20N	11/1	020	010D17P	11/1	020
00INT10P	12/1	018	00PB12P	7/1	016	00S2P	12/1	018	01C11P	11/1	020	011D20P	11/1	020	010D18N	11/1	020
00INT11P	12/1	018	00PB13N	7/1	016	00S3N	12/1	018	01C12N	11/1	020	011D21N	11/1	020	010D18P	11/1	020
00INT12P	12/1	018	00PB13P	7/1	016	00S3P	12/1	018	01C12P	11/1	020	011D21P	11/1	020	010D19N	11/1	020
00INT13P	12/1	018	00PB14N	7/1	016	00S4N	12/1	018	01C13N	11/1	020	011D22N	11/1	020	010D19P	11/1	020
00INT14P	12/1	018	00PB14P	7/1	016	00S4P	12/1	018	01C13P	11/1	020	011D22P	11/1	020	010D20N	11/1	020
00INT15P	12/1	018	00PB15N	7/1	016	00S5N	12/1	018	01C14N	11/1	020	011D23N	11/1	020	010D20P	11/1	020
00INT16P	12/1	018	00PB15P	7/1	016	00S5P	12/1	018	01C14P	11/1	020	011D23P	11/1	020	010D21N	11/1	020
00INT17P	12/1	018	00PB16N	7/1	016	00S6N	12/1	018	01C15N	11/1	020	011D24N	11/1	020	010D21P	11/1	020
00INT18P	12/1	018	00PB16P	7/1	016	00S6P	12/1	018	01C15P	11/1	020	011D24P	11/1	020	010D22N	11/1	020
00INT19P	12/1	018	00PB17N	7/1	016	00S7N	12/1	018	01C16N	11/1	020	011D25N	11/1	020	010D22P	11/1	020
00INT20P	12/1	018	00PB17P	7/1	016	00S7P	12/1	018	01C16P	11/1	020	011D25P	11/1	020	010D23N	11/1	020
00INT21P	12/1	018	00PB18N	7/1	016	00S8N	12/1	018	01C17N	11/1	020	011D26N	11/1	020	010D23P	11/1	020
00INT22P	12/1	018	00PB18P	7/1	016	00S8P	12/1	018	01C17P	11/1	020	011D26P	11/1	020	010D24N	11/1	020
000D0N	12/1	018	00PB19N	7/1	016	00S9N	12/1	018	01C18N	11/1	020	011D27N	11/1	020	010D24P	11/1	020
000D0P	12/1	018	00PB19P	7/1	016	00S9P	12/1	018	01C18P	11/1	020	011D27P	11/1	020	010D25N	11/1	020
000D1N	12/1	018	00PB110N	7/1	016	00S10N	12/1	018	01C19N	11/1	020	011D28N	11/1	020	010D25P	11/1	020
000D1P	12/1	018	00PB110P	7/1	016	00S10P	12/1	018	01C19P	11/1	020	011D28P	11/1	020	010D26N	11/1	020
000D2N	12/1	018	00PB111N	7/1	016	00S11N	12/1	018	01C20N	11/1	020	011D29N	11/1	020	010D26P	11/1	020
000D2P	12/1	018	00PB111P	7/1	016	00S11P	12/1	018	01C20P	11/1	020	011D29P	11/1	020	010D27N	11/1	020
000D3N	12/1	018	00PB112N	7/1	016	00S12N	12/1	018	01C21N	11/1	020	011D30N	11/1	020	010D27P	11/1	020
000D3P	12/1	018	00PB112P	7/1	016	00S12P	12/1	018	01C21P	11/1	020	011D30P	11/1	020	010D28N	11/1	020
000D4N	12/1	018	00PB113N	7/1	016	00S13N	12/1	018	01C22N	11/1	020	011D31N	11/1	020	010D28P	11/1	020
000D4P	12/1	018	00PB113P	7/1	016	00S13P	12/1	018	01C22P	11/1	020	011D31P	11/1	020	010D29N	11/1	020
000D5N	12/1	018	00PB114N	7/1	016	00S14N	12/1	018	011D00N	11/1	020	011D32N	11/1	020	010D29P	11/1	020
000D5P	12/1	018	00PB114P	7/1	016	00S14P	12/1	018	011D00P	11/1	020	011D32P	11/1	020	010D30N	11/1	020
000D6N	12/1	018	00PB115N	7/1	016	00S15N	12/1	018	011D01N	11/1	020	011D33N	11/1	020	010D30P	11/1	020
000D6P	12/1	018	00PB115P	7/1	016	00S15P	12/1	018	011D01P	11/1	020	011D33P	11/1	020	010D31N	11/1	020
000D7N	12/1	018	00PB00N	7/1	016	00S16N	12/1	018	011D02N	11/1	020	011D34N	11/1	020	010D31P	11/1	020
000D7P	12/1	018	00PB00P	7/1	016	00S16P	12/1	018	011D02P	11/1	020	011D34P	11/1	020	010D32N	11/1	020
000D8N	12/1	018	00PB01N	7/1	016	00S17N	12/1	018	011D03N	11/1	020	011D35N	11/1	020	010D32P	11/1	020
000D8P	12/1	018	00PB01P	7/1	016	00S17P	12/1	018	011D03P	11/1	020	011D35P	11/1	020	010D33N	11/1	020
000D9N	12/1	018	00PB02N	7/1	016	00S18N	12/1	018	011D04N	11/1	020	011D36N	11/1	020	010D33P	11/1	020
000D9P	12/1	018	00PB02P	7/1	016	00S18P	12/1	018	011D04P	11/1	020	011D36P	11/1	020	010D34N	11/1	020
000D10N	12/1	018	00PB03N	7/1	016	00S19N	12/1	018	011D05N	11/1	020	011D37N	11/1	020	010D34P	11/1	020
000D10P	12/1	018	00PB03P	7/1	016	00S19P	12/1	018	011D05P	11/1	020	011D37P	11/1	020	010D35N	11/1	020
000D11N	12/1	018	00PB04N	7/1	016	00S20N	12/1	018	011D06N	11/1	020	011D38N	11/1	020	010D35P	11/1	020
000D11P	12/1	018	00PB04P	7/1	016	00S20P	12/1	018	011D06P	11/1	020	011D38P	11/1	020	010D36N	11/1	020
000D12N	12/1	018	00PB05N	7/1	016	00S21N	12/1	018	011D07N	11/1	020	011D39N	11/1	020	010D36P	11/1	020
000D12P	12/1	018	00PB05P	7/1	016	00S21P	12/1	018	011D07P	11/1	020	011D39P	11/1	020	010D37N	11/1	020
000D13N	12/1	018	00PB06N	7/1	016	00S22N	12/1	018	011D08N	11/1	020	011D40N	11/1	020	010D37P	11/1	020
000D13P	12/1	018	00PB06P	7/1	016	00S22P	12/1	018	011D08P	11/1	020	011D40P	11/1	020	010D38N	11/1	020
000D14N	12/1	018	00PB07N	7/1	016	01C0N	11/1	020	011D09N	11/1	020	011D41N	11/1	020	010D38P	11/1	020
000D14P	12/1	018	00PB07P	7/1	016	01C0P	11/1	020	011D09P	11/1	020	011D41P	11/1	020	010D39N	11/1	020
000D15N	12/1	018	00PB08N	7/1	016	01C1N	11/1	020	011D10N	11/1	020	011D42N	11/1	020	010D39P	11/1	020
000D15P	12/1	018	00PB08P	7/1	016	01C1P	11/1	020	011D10P	11/1	020	011D42P	11/1	020	010D40N	11/1	020
000D16N	12/1	018	00PB09N	7/1	016	01C2N	11/1	020	011D11N	11/1	020	011D43N	11/1	020	010D40P	11/1	020
000D16P	12/1	018	00PB09P	7/1	016	01C2P	11/1	020	011D11P	11/1	020	011D43P	11/1	020	010D41N	11/1	020
000D17N	12/1	018	00PB010N	7/1	016	01C3N	11/1	020	011D12N	11/1	020	011D44N	11/1	020	010D41P	11/1	020
000D17P	12/1	018	00PB010P	7/1	016	01C3P	11/1	020	011D12P	11/1	020	011D44P	11/1	020	010D42N	11/1	020
000D18N	12/1	018	00PB011N	7/1	016	01C4N	11/1	020	011D13N	11/1	020	011D45N	11/1	020	010D42P	11/1	020
000D18P	12/1	018	00PB011P	7/1	016	01C4P	11/1	020	011D13P	11/1	020	011D45P	11/1	020	010D43N	11/1	020
000D19N	12/1	018	00PB012N	7/1	016	01C5N	11/1	020	011D14N	11/1	020	011D46N	11/1	020	010D43P	11/1	020
000D19P	12/1	018	00PB012P	7/1	016	01C5P	11/1	020	011D14P	11/1	020	011D46P	11/1	020	010D44N	11/1	020
000D20N	12/1	018	00PB013N	7/1	016	01C6N	11/1	020	011D15N	11/1	020	011D47N	11/1	020	010D44P	11/1	020

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MODEL 2

AT&T
BELL LABORATORIES

DWG SIZE
C2

ISSUE
11B

SD-50045-01

A#8

LEAD INDEX (CONT)																					
A	LOCATION			DESIG	LOCATION			DESIG	LOCATION			DESIG	LOCATION			DESIG	LOCATION				
	FS/SYM	SCHEMATIC	CAD		FS/SYM	SCHEMATIC	CAD		FS/SYM	SCHEMATIC	CAD		FS/SYM	SCHEMATIC	CAD		FS/SYM	SCHEMATIC	CAD		
B	01S13N	11/1	020	10C22N	14/1	019	10INT16P	14/1	019	10PB15P	9/1	017	10S5P	14/1	019	11C14P	13/1	021	11D19N	13/1	021
	01S13P	11/1	020	10C22P	14/1	019	10INT17P	14/1	019	10PB16N	9/1	017	10S6N	14/1	019	11C15N	13/1	021	11D19P	13/1	021
	01S14N	11/1	020	10D00N	14/1	019	10INT18P	14/1	019	10PB16P	9/1	017	10S6P	14/1	019	11C15P	13/1	021	11D20N	13/1	021
	01S14P	11/1	020	10D00P	14/1	019	10INT19P	14/1	019	10PB17N	9/1	017	10S7N	14/1	019	11C16N	13/1	021	11D20P	13/1	021
C	01S15N	11/1	020	10D01N	14/1	019	10INT20P	14/1	019	10PB17P	9/1	017	10S7P	14/1	019	11C16P	13/1	021	11D21N	13/1	021
	01S15P	11/1	020	10D01P	14/1	019	10INT21P	14/1	019	10PB18N	9/1	017	10S8N	14/1	019	11C17N	13/1	021	11D21P	13/1	021
	01S16N	11/1	020	10D02N	14/1	019	10INT22P	14/1	019	10PB18P	9/1	017	10S8P	14/1	019	11C17P	13/1	021	11D22N	13/1	021
	01S16P	11/1	020	10D02P	14/1	019	10D00N	14/1	019	10PB19N	9/1	017	10S9N	14/1	019	11C18N	13/1	021	11D22P	13/1	021
D	01S17N	11/1	020	10D03N	14/1	019	10D00P	14/1	019	10PB19P	9/1	017	10S9P	14/1	019	11C18P	13/1	021	11D23N	13/1	021
	01S17P	11/1	020	10D03P	14/1	019	10D01N	14/1	019	10PB10N	9/1	017	10S10N	14/1	019	11C19N	13/1	021	11D23P	13/1	021
	01S18N	11/1	020	10D04N	14/1	019	10D01P	14/1	019	10PB110P	9/1	017	10S10P	14/1	019	11C19P	13/1	021	11D24N	13/1	021
	01S18P	11/1	020	10D04P	14/1	019	10D02N	14/1	019	10PB111N	9/1	017	10S11N	14/1	019	11C20N	13/1	021	11D24P	13/1	021
E	01S19N	11/1	020	10D05N	14/1	019	10D02P	14/1	019	10PB111P	9/1	017	10S11P	14/1	019	11C20P	13/1	021	11D25N	13/1	021
	01S19P	11/1	020	10D05P	14/1	019	10D03N	14/1	019	10PB112N	9/1	017	10S12N	14/1	019	11C21N	13/1	021	11D25P	13/1	021
	01S20N	11/1	020	10D06N	14/1	019	10D03P	14/1	019	10PB112P	9/1	017	10S12P	14/1	019	11C21P	13/1	021	11D26N	13/1	021
	01S20P	11/1	020	10D06P	14/1	019	10D04N	14/1	019	10PB113N	9/1	017	10S13N	14/1	019	11C22N	13/1	021	11D26P	13/1	021
F	01S21N	11/1	020	10D07N	14/1	019	10D04P	14/1	019	10PB113P	9/1	017	10S13P	14/1	019	11C22P	13/1	021	11D27N	13/1	021
	01S21P	11/1	020	10D07P	14/1	019	10D05N	14/1	019	10PB114N	9/1	017	10S14N	14/1	019	11C23N	13/1	021	11D27P	13/1	021
	01S22N	11/1	020	10D08N	14/1	019	10D05P	14/1	019	10PB114P	9/1	017	10S14P	14/1	019	11C23P	13/1	021	11D28N	13/1	021
	01S22P	11/1	020	10D08P	14/1	019	10D06N	14/1	019	10PB115N	9/1	017	10S15N	14/1	019	11C24N	13/1	021	11D28P	13/1	021
G	10C00N	14/1	019	10D09N	14/1	019	10D06P	14/1	019	10PB115P	9/1	017	10S15P	14/1	019	11C24P	13/1	021	11D29N	13/1	021
	10C00P	14/1	019	10D09P	14/1	019	10D07N	14/1	019	10PB00N	9/1	017	10S16N	14/1	019	11C25N	13/1	021	11D29P	13/1	021
	10C10N	14/1	019	10D10N	14/1	019	10D07P	14/1	019	10PB00P	9/1	017	10S16P	14/1	019	11C25P	13/1	021	11D30N	13/1	021
	10C10P	14/1	019	10D10P	14/1	019	10D08N	14/1	019	10PB01N	9/1	017	10S17N	14/1	019	11C26N	13/1	021	11D30P	13/1	021
H	10C20N	14/1	019	10D11N	14/1	019	10D08P	14/1	019	10PB01P	9/1	017	10S17P	14/1	019	11C26P	13/1	021	11D31N	13/1	021
	10C20P	14/1	019	10D11P	14/1	019	10D09N	14/1	019	10PB02N	9/1	017	10S18N	14/1	019	11C27N	13/1	021	11D31P	13/1	021
	10C30N	14/1	019	10D12N	14/1	019	10D09P	14/1	019	10PB02P	9/1	017	10S18P	14/1	019	11C27P	13/1	021	11D32N	13/1	021
	10C30P	14/1	019	10D12P	14/1	019	10D10N	14/1	019	10PB03N	9/1	017	10S19N	14/1	019	11C28N	13/1	021	11D32P	13/1	021
I	10C40N	14/1	019	10D13N	14/1	019	10D10P	14/1	019	10PB03P	9/1	017	10S19P	14/1	019	11C28P	13/1	021	11D33N	13/1	021
	10C40P	14/1	019	10D13P	14/1	019	10D11N	14/1	019	10PB04N	9/1	017	10S20N	14/1	019	11C29N	13/1	021	11D33P	13/1	021
	10C50N	14/1	019	10D14N	14/1	019	10D11P	14/1	019	10PB04P	9/1	017	10S20P	14/1	019	11C29P	13/1	021	11D34N	13/1	021
	10C50P	14/1	019	10D14P	14/1	019	10D12N	14/1	019	10PB05N	9/1	017	10S21N	14/1	019	11C30N	13/1	021	11D34P	13/1	021
J	10C60N	14/1	019	10D15N	14/1	019	10D12P	14/1	019	10PB05P	9/1	017	10S21P	14/1	019	11C30P	13/1	021	11D35N	13/1	021
	10C60P	14/1	019	10D15P	14/1	019	10D13N	14/1	019	10PB06N	9/1	017	10S22N	14/1	019	11C31N	13/1	021	11D35P	13/1	021
	10C70N	14/1	019	10D16N	14/1	019	10D13P	14/1	019	10PB06P	9/1	017	10S22P	14/1	019	11C31P	13/1	021	11D36N	13/1	021
	10C70P	14/1	019	10D16P	14/1	019	10D14N	14/1	019	10PB07N	9/1	017	11C0N	13/1	021	11C32N	13/1	021	11D36P	13/1	021
K	10C80N	14/1	019	10D17N	14/1	019	10D14P	14/1	019	10PB07P	9/1	017	11C0P	13/1	021	11C32P	13/1	021	11D37N	13/1	021
	10C80P	14/1	019	10D17P	14/1	019	10D15N	14/1	019	10PB08N	9/1	017	11C1N	13/1	021	11C33N	13/1	021	11D37P	13/1	021
	10C90N	14/1	019	10D18N	14/1	019	10D15P	14/1	019	10PB08P	9/1	017	11C1P	13/1	021	11C33P	13/1	021	11D38N	13/1	021
	10C90P	14/1	019	10D18P	14/1	019	10D16N	14/1	019	10PB09N	9/1	017	11C2N	13/1	021	11C34N	13/1	021	11D38P	13/1	021
L	10C10N	14/1	019	10D19N	14/1	019	10D16P	14/1	019	10PB09P	9/1	017	11C2P	13/1	021	11C34P	13/1	021	11D39N	13/1	021
	10C10P	14/1	019	10D19P	14/1	019	10D17N	14/1	019	10PB10N	9/1	017	11C3N	13/1	021	11C35N	13/1	021	11D39P	13/1	021
	10C11N	14/1	019	10D20N	14/1	019	10D17P	14/1	019	10PB10P	9/1	017	11C3P	13/1	021	11C35P	13/1	021	11D40N	13/1	021
	10C11P	14/1	019	10D20P	14/1	019	10D18N	14/1	019	10PB11N	9/1	017	11C4N	13/1	021	11C36N	13/1	021	11D40P	13/1	021
M	10C12N	14/1	019	10D21N	14/1	019	10D18P	14/1	019	10PB11P	9/1	017	11C4P	13/1	021	11C36P	13/1	021	11D41N	13/1	021
	10C12P	14/1	019	10D21P	14/1	019	10D19N	14/1	019	10PB12N	9/1	017	11C5N	13/1	021	11C37N	13/1	021	11D41P	13/1	021
	10C13N	14/1	019	10D22N	14/1	019	10D19P	14/1	019	10PB12P	9/1	017	11C5P	13/1	021	11C37P	13/1	021	11D42N	13/1	021
	10C13P	14/1	019	10D22P	14/1	019	10D20N	14/1	019	10PB13N	9/1	017	11C6N	13/1	021	11C38N	13/1	021	11D42P	13/1	021
N	10C14N	14/1	019	10INT0P	14/1	019	10D20P	14/1	019	10PB13P	9/1	017	11C6P	13/1	021	11C38P	13/1	021	11D43N	13/1	021
	10C14P	14/1	019	10INT1P	14/1	019	10D21N	14/1	019	10PB14N	9/1	017	11C7N	13/1	021	11C39N	13/1	021	11D43P	13/1	021
	10C15N	14/1	019	10INT2P	14/1	019	10D21P	14/1	019	10PB14P	9/1	017	11C7P	13/1	021	11C39P	13/1	021	11D44N	13/1	021
	10C15P	14/1	019	10INT3P	14/1	019	10D22N	14/1	019	10PB15N	9/1	017	11C8N	13/1	021	11C40N	13/1	021	11D44P	13/1	021
O	10C16N	14/1	019	10INT4P	14/1	019	10D22P	14/1	019	10PB15P	9/1	017	11C8P	13/1	021	11C40P	13/1	021	11D45N	13/1	021
	10C16P	14/1	019	10INT5P	14/1	019	10PB10N	9/1	017	10S0N	14/1	019	11C9N	13/1	021	11C41N	13/1	021	11D45P	13/1	021
	10C17N	14/1	019	10INT6P	14/1	019	10PB10P	9/1	017	10S0P	14/1	019	11C9P	13/1	021	11C41P	13/1	021	11D46N	13/1	021
	10C17P	14/1	019	10INT7P	14/1	019	10PB11N	9/1	017	10S1N	14/1	019									

LEAD INDEX (CONT)

A	LOCATION			DESIG	LOCATION			DESIG	LOCATION			DESIG	LOCATION			DESIG	LOCATION			DESIG	LOCATION			DESIG	LOCATION																		
	FS/SYM	CAD	APPLICATION		FS/SYM	CAD	APPLICATION		FS/SYM	CAD	APPLICATION		FS/SYM	CAD	APPLICATION		FS/SYM	CAD	APPLICATION		FS/SYM	CAD	APPLICATION		FS/SYM	CAD	APPLICATION	FS/SYM	CAD	APPLICATION													
B	SWITCHING MODULE APPLICATION SCHEMATIC (CONT)			SWITCHING MODULE APPLICATION SCHEMATIC (CONT)			SWITCHING MODULE APPLICATION SCHEMATIC (CONT)			SWITCHING MODULE APPLICATION SCHEMATIC (CONT)			SWITCHING MODULE APPLICATION SCHEMATIC (CONT)			SWITCHING MODULE APPLICATION SCHEMATIC (CONT)			SWITCHING MODULE APPLICATION SCHEMATIC (CONT)			SWITCHING MODULE APPLICATION SCHEMATIC (CONT)																					
	110D12N	13/1	021	11P805N	10/1	015	11S21N	13/1	021	008KS14N	7/1	016	018KS14N	8/1	014	108KS14N	9/1	017	118KS9P	10/1	015	C	110D14N	13/1	021	11P807N	10/1	015	004MC0N	7/1	016	104MC0N	9/1	017	114MC0N	10/1	015	118KS11P	10/1	015			
	110D12P	13/1	021	11P805P	10/1	015	11S21P	13/1	021	008KS14P	7/1	016	018KS14P	8/1	014	108KS14P	9/1	017	118KS10N	10/1	015		110D14P	13/1	021	11P807P	10/1	015	004MC0P	7/1	016	104MC0P	9/1	017	114MC0P	10/1	015	118KS12N	10/1	015			
	110D13N	13/1	021	11P806N	10/1	015	11S22N	13/1	021	008KS15N	7/1	016	018KS15N	8/1	014	108KS15N	9/1	017	118KS10P	10/1	015		110D15N	13/1	021	11P808N	10/1	015	004MC1N	7/1	016	104MC1N	9/1	017	114MC1N	10/1	015	118KS12P	10/1	015			
110D13P	13/1	021	11P806P	10/1	015	11S22P	13/1	021	008KS15P	7/1	016	018KS15P	8/1	014	108KS15P	9/1	017	118KS11N	10/1	015	110D15P		13/1	021	11P808P	10/1	015	004MC1P	7/1	016	104MC1P	9/1	017	114MC1P	10/1	015	118KS13N	10/1	015				
D	110D16N	13/1	021	11P809N	10/1	015	004MC2N	7/1	016	014MC2N	8/1	014	104MC2N	9/1	017	114MC2N	10/1	015	118KS13P	10/1	015	E	110D16P	13/1	021	11P809P	10/1	015	004MC2P	7/1	016	014MC2P	8/1	014	104MC2P	9/1	017	114MC2P	10/1	015	118KS14N	10/1	015
	110D17N	13/1	021	11P810N	10/1	015	004MC3N	7/1	016	014MC3N	8/1	014	104MC3N	9/1	017	114MC3N	10/1	015	118KS14P	10/1	015		110D17P	13/1	021	11P810P	10/1	015	004MC3P	7/1	016	014MC3P	8/1	014	104MC3P	9/1	017	114MC3P	10/1	015	118KS15N	10/1	015
	110D18N	13/1	021	11P811N	10/1	015	004MC4N	7/1	016	014MC4N	8/1	014	104MC4N	9/1	017	114MC4N	10/1	015	118KS15P	10/1	015		110D18P	13/1	021	11P811P	10/1	015	004MC4P	7/1	016	014MC4P	8/1	014	104MC4P	9/1	017	114MC4P	10/1	015	GRD04010	11/1	020
	110D19N	13/1	021	11P812N	10/1	015	004MC5N	7/1	016	014MC5N	8/1	014	104MC5N	9/1	017	114MC5N	10/1	015	GRD04018	12/1	018		110D19P	13/1	021	11P812P	10/1	015	004MC5P	7/1	016	014MC5P	8/1	014	104MC5P	9/1	017	114MC5P	10/1	015	GRD04164	14/1	019
F	110D20N	13/1	021	11P813N	10/1	015	004MC6N	7/1	016	014MC6N	8/1	014	104MC6N	9/1	017	114MC6N	10/1	015	GRD04172	13/1	021	G	110D20P	13/1	021	11P813P	10/1	015	004MC6P	7/1	016	014MC6P	8/1	014	104MC6P	9/1	017	114MC6P	10/1	015	SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
	110D21N	13/1	021	11P814N	10/1	015	004MC7N	7/1	016	014MC7N	8/1	014	104MC7N	9/1	017	114MC7N	10/1	015	OALCP10P	1/1	002		110D21P	13/1	021	11P814P	10/1	015	004MC7P	7/1	016	014MC7P	8/1	014	104MC7P	9/1	017	114MC7P	10/1	015	OALCP11P	1/1	003
	110D22N	13/1	021	11P815N	10/1	015	004MC8N	7/1	016	014MC8N	8/1	014	104MC8N	9/1	017	114MC8N	10/1	015	OALRMD0P	1/1	002		11P810N	10/1	015	11S0N	13/1	021	004MC9N	7/1	016	014MC9N	8/1	014	104MC9N	9/1	017	114MC9N	10/1	015	OALRMD1P	1/1	003
	11P810P	10/1	015	11S0P	13/1	021	004MC9P	7/1	016	014MC9P	8/1	014	104MC9P	9/1	017	114MC9P	10/1	015	OALRMD0P	1/1	002		11P811N	10/1	015	11S1N	13/1	021	004MC10N	7/1	016	014MC10N	8/1	014	104MC10N	9/1	017	114MC10N	10/1	015	OALRMD1P	1/1	003
H	11P811P	10/1	015	11S1P	13/1	021	004MC10P	7/1	016	014MC10P	8/1	014	104MC10P	9/1	017	114MC10P	10/1	015	OALRMD0P	1/1	002	I	11P812N	10/1	015	11S2N	13/1	021	004MC11N	7/1	016	014MC11N	8/1	014	104MC11N	9/1	017	114MC11N	10/1	015	OALRMD1P	1/1	003
	11P812P	10/1	015	11S2P	13/1	021	004MC11P	7/1	016	014MC11P	8/1	014	104MC11P	9/1	017	114MC11P	10/1	015	OALRMD0P	1/1	002		11P813N	10/1	015	11S3N	13/1	021	004MC12N	7/1	016	014MC12N	8/1	014	104MC12N	9/1	017	114MC12N	10/1	015	OALRMD1P	1/1	003
	11P813N	10/1	015	11S3N	13/1	021	004MC12P	7/1	016	014MC12P	8/1	014	104MC12P	9/1	017	114MC12P	10/1	015	OALRMD0P	1/1	002		11P814N	10/1	015	11S4N	13/1	021	004MC13N	7/1	016	014MC13N	8/1	014	104MC13N	9/1	017	114MC13N	10/1	015	OALRMD1P	1/1	003
	11P814P	10/1	015	11S4P	13/1	021	004MC13P	7/1	016	014MC13P	8/1	014	104MC13P	9/1	017	114MC13P	10/1	015	OALRMD0P	1/1	002		11P815N	10/1	015	11S5N	13/1	021	004MC14N	7/1	016	014MC14N	8/1	014	104MC14N	9/1	017	114MC14N	10/1	015	OALRMD1P	1/1	003
J	11P815P	10/1	015	11S5P	13/1	021	004MC14P	7/1	016	014MC14P	8/1	014	104MC14P	9/1	017	114MC14P	10/1	015	OALRMD0P	1/1	002	K	11P816N	10/1	015	11S6N	13/1	021	004MC15N	7/1	016	014MC15N	8/1	014	104MC15N	9/1	017	114MC15N	10/1	015	OALRMD1P	1/1	003
	11P816P	10/1	015	11S6P	13/1	021	004MC15P	7/1	016	014MC15P	8/1	014	104MC15P	9/1	017	114MC15P	10/1	015	OALRMD0P	1/1	002		11P817N	10/1	015	11S7N	13/1	021	008KS0N	7/1	016	018KS0N	8/1	014	108KS0N	9/1	017	118KS0N	10/1	015	OALRMD1P	1/1	003
	11P817N	10/1	015	11S7N	13/1	021	008KS0P	7/1	016	018KS0P	8/1	014	108KS0P	9/1	017	118KS0P	10/1	015	OALRMD0P	1/1	002		11P818N	10/1	015	11S8N	13/1	021	008KS1N	7/1	016	018KS1N	8/1	014	108KS1N	9/1	017	118KS1N	10/1	015	OALRMD1P	1/1	003
	11P818P	10/1	015	11S8P	13/1	021	008KS1P	7/1	016	018KS1P	8/1	014	108KS1P	9/1	017	118KS1P	10/1	015	OALRMD0P	1/1	002		11P819N	10/1	015	11S9N	13/1	021	008KS2N	7/1	016	018KS2N	8/1	014	108KS2N	9/1	017	118KS2N	10/1	015	OALRMD1P	1/1	003
L	11P819P	10/1	015	11S9P	13/1	021	008KS2P	7/1	016	018KS2P	8/1	014	108KS2P	9/1	017	118KS2P	10/1	015	OALRMD0P	1/1	002	M	11P820N	10/1	015	11S10N	13/1	021	008KS3N	7/1	016	018KS3N	8/1	014	108KS3N	9/1	017	118KS3N	10/1	015	OALRMD1P	1/1	003
	11P820P	10/1	015	11S10P	13/1	021	008KS3P	7/1	016	018KS3P	8/1	014	108KS3P	9/1	017	118KS3P	10/1	015	OALRMD0P	1/1	002		11P821N	10/1	015	11S11N	13/1	021	008KS4N	7/1	016	018KS4N	8/1	014	108KS4N	9/1	017	118KS4N	10/1	015	OALRMD1P	1/1	003
	11P821N	10/1																																									

LEAD INDEX (CONT)

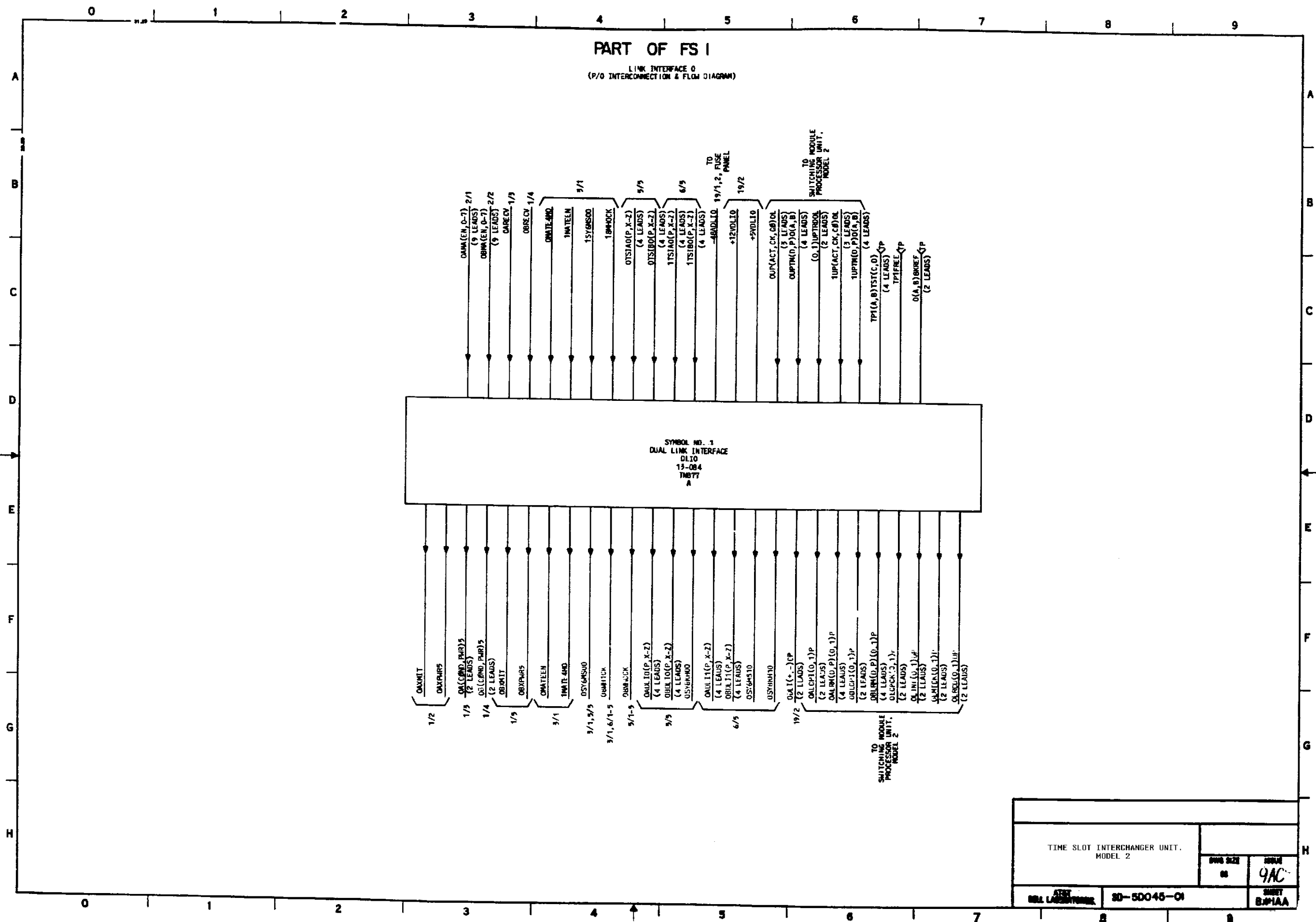
A	DESIG FS/SYM LOCATION CAD			DESIG FS/SYM LOCATION CAD			DESIG FS/SYM LOCATION CAD			DESIG FS/SYM LOCATION CAD		
	SWITCHING MODULE PROCESSOR UNIT, MODEL 2 (CONT)			SWITCHING MODULE PROCESSOR UNIT, MODEL 2 (CONT)			SWITCHING MODULE PROCESSOR UNIT, MODEL 2 (CONT)			SWITCHING MODULE PROCESSOR UNIT, MODEL 2 (CONT)		
B	0CSCX1C	17/1	010	0UPCK1L	3/1	002	1LRCD0UP	3/1	002	GRD13108	20/1	003
	0CSCY1C	17/1	010	0UPG00L	1/1	002	1LRCD1UP	3/1	003	GRD13116	20/2	003
	0CSCZ0C	17/1	010	0UPG01L	3/1	002	1MPF0	18/1	011	GRD13142	10/1	011
	0CSCZ1C	17/1	010	0UPTMD0A	1/1	002	1NAE	13/1	023			
C	0DDGN0C	19/1	010	0UPTMD0B	1/1	002	1SU0ERR0	6/2	023			
	0DDGN1C	19/1	010	0UPTMD1A	3/1	002	1SU0S0	6/2	023			
	0DSCW0C	19/1	010	0UPTMD1B	3/1	002	1SU0MT0	6/2	023			
	0DSCW1C	19/1	010	0UPTMD0A	1/1	002	1SU1ERR0	16/2	023			
D	0DSCX0C	19/1	010	0UPTMD0B	1/1	002	1SU1S0	16/2	023			
	0DSCX1C	19/1	010	0UPTMD1A	3/1	002	1SU1MT0	16/2	023			
	0DSCY0C	19/1	010	0UPTMD1B	3/1	002	1SU2ERR0	14/1	023			
	0DSCY1C	19/1	010	0UPTMD0L	1/1	002	1SU2S0	14/1	023			
E	0LCPCK0P	1/1	002	0UPTMD1L	3/1	002	1SU2WT0	14/1	023			
	0LCPCK1P	1/1	023	1ALCP10P	3/1	002	1SU3ERR0	13/1	023			
	0LINT0UP	1/1	002	1ALCP11P	3/1	003	1SU3S0	13/1	023			
	0LINT1UP	1/1	003	1ALRMD0P	3/1	002	1SU3MT0	13/1	023			
F	0LMTCK0P	1/1	002	1ALRMD1P	3/1	003	1SUA1Z	6/2	023			
	0LMTCK1P	1/1	003	1ALRMD0P	3/1	002	1SUA2	6/2	023			
	0LRCD0UP	1/1	002	1ALRMD1P	3/1	003	1SUA3	6/2	023			
	0LRCD1UP	1/1	003	1BLCP10P	3/1	002	1SUA4	6/2	023			
G	0MPF0	17/1	010	1BLCP11P	3/1	003	1SUA5	6/2	023			
	0NAE	11/1	022	1BLRMD0P	3/1	002	1SUA6	6/2	023			
	0SU0ERR0	5/2	022	1BLRMD1P	3/1	003	1SUAP	6/2	023			
	0SU0S0	5/2	022	1BLRMD0P	3/1	002	1SU00Z	6/2	023			
H	0SU0MT0	5/2	022	1BLRMD1P	3/1	003	1SUD1Z	6/2	023			
	0SU1ERR0	15/2	022	1CALMA	18/2	022	1SUD2	6/2	023			
	0SU1S0	15/2	022	1CALMB	18/1	011	1SUD3	6/2	023			
	0SU1MT0	15/2	022	1CALMPA	18/1	011	1SUD4	6/2	023			
I	0SU2ERR0	12/1	022	1CALMPB	18/1	011	1SUD5	6/2	023			
	0SU2S0	12/1	022	1CDGN1C	18/1	011	1SUD6	6/2	023			
	0SU2WT0	12/1	022	1CINTR	18/1	011	1SUD7	6/2	023			
	0SU3ERR0	11/1	022	1CDS0C	17/1	010	1SUD8	6/2	023			
J	0SU3S0	11/1	022	1CDS0D	19/1	010	1SUD9	6/2	023			
	0SU3MT0	11/1	022	1CDS0T0	20/1	011	1SUD10Z	6/2	023			
	0SUA1Z	5/2	022	1CDS034L	18/2	011	1SUD11Z	6/2	023			
	0SUA2	5/2	022	1CDS048P	18/1	011	1SUD12	6/2	023			
K	0SUA3	5/2	022	1CRQ1P0C	17/1	010	1SUD13	6/2	023			
	0SUA4	5/2	022	1CRQ1P0D	19/1	010	1SUD14	6/2	023			
	0SUA5	5/2	022	1CRQ1P1C	18/1	011	1SUD15	6/2	023			
	0SUA6	5/2	022	1CRQ1P1D	20/1	011	1SU0PH	6/2	023			
L	0SUAP	5/2	022	1CS1	18/1	011	1SU0PL	6/2	023			
	0SU00Z	5/2	022	1CS2	18/1	011	1SU0DO	6/2	023			
	0SU01Z	5/2	022	1CS3	18/1	011	1SUMRO	6/2	023			
	0SU02	5/2	022	1CSCW0C	18/1	011	1UPACT0L	1/1	003			
M	0SUD3	5/2	022	1CSCX0C	18/1	011	1UPACT1L	3/1	003			
	0SUD4	5/2	022	1CSCX1C	18/1	011	1UPCK0L	1/1	003			
	0SUD5	5/2	022	1CSCY0C	18/1	011	1UPCK1L	3/1	003			
	0SUD6	5/2	022	1CSCZ0C	18/1	011	1UPG00L	1/1	003			
N	0SUD7	5/2	022	1CSCZ1C	18/1	011	1UPG01L	3/1	003			
	0SUD8	5/2	022	1DDGN0C	20/1	011	1UPTMD0A	1/1	003			
	0SUD9	5/2	022	1DDGN1C	20/1	011	1UPTMD0B	1/1	003			
	0SUD10Z	5/2	022	1DLTALMP	20/1	011	1UPTMD1A	3/1	003			
O	0SUD11Z	5/2	022	1DSCW0C	20/1	011	1UPTMD1B	3/1	003			
	0SUD12	5/2	022	1DSCW1C	20/1	011	1UPTMD0A	1/1	003			
	0SUD13	5/2	022	1DSCX0C	20/1	011	1UPTMD0B	1/1	003			
	0SUD14	5/2	022	1DSCX1C	20/1	011	1UPTMD1A	3/1	003			
P	0SUD15	5/2	022	1DSCY0C	20/1	011	1UPTMD1B	3/1	003			
	0SU0PH	5/2	022	1DSCY1C	20/1	011	1UPTMD0L	1/1	003			
	0SU0PL	5/2	022	1LCPCK0P	3/1	002	1UPTMD1L	3/1	003			
	0SU0DO	5/2	022	1LCPCK1P	3/1	003	GRD04060	5/2	022			
Q	0SUMRO	5/2	022	1LINT0UP	3/1	002	GRD04124	6/2	023			
	0UPACT0L	1/1	002	1LINT1UP	3/1	003	GRD13042	8/1	010			
	0UPCK0L	3/1	002	1LMTCK0P	3/1	002	GRD13068	19/2	002			
		1/1	002	1LMTCK1P	3/1	003	GRD13076	19/1	002			

ISSUE
9AC

TIME SLOT INTERCHANGER UNIT,
MODEL 2

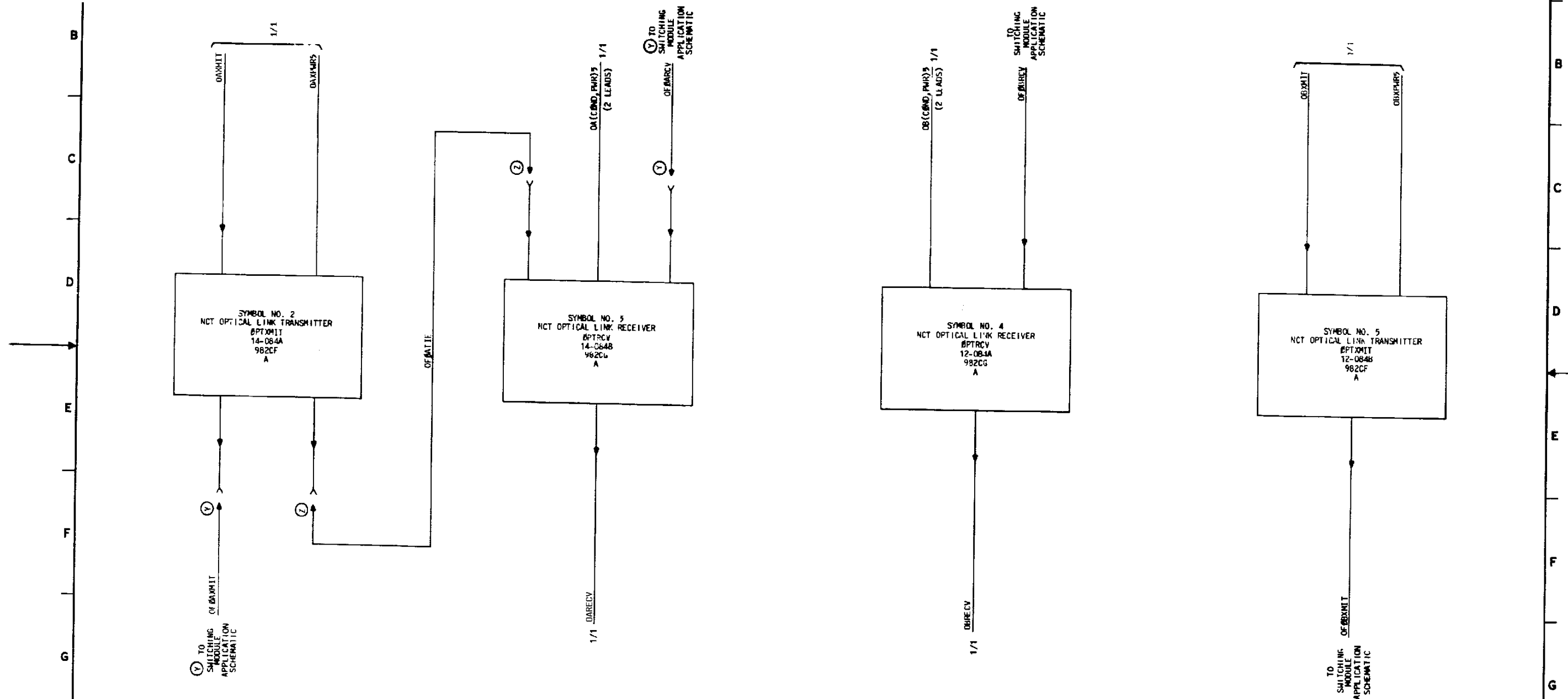
AT&T BELL LABORATORIES

SD-5D045-01-A#11



PART OF FS I

LINK INTERFACE 0
(P/O INTERCONNECTION & FLOW DIAGRAM)



PART OF FS 1

LINK INTERFACE 0

SYMBOL NO. 1
DUAL LINK INTERFACESYMBOL NO. 1 (CONT)
DUAL LINK INTERFACESYMBOL NO. 1 (CONT)
DUAL LINK INTERFACESYMBOL NO. 1 (CONT)
DUAL LINK INTERFACE

DESIG DL10	EOP LOC 13-084	CODE TN877	ELEM IDENT A	OPT	DESIG DL10	EOP LOC 13-084	CODE TN877	ELEM IDENT A	OPT	DESIG DL10	EOP LOC 13-084	CODE TN877	ELEM IDENT A	OPT	DESIG DL10	EOP LOC 13-084	CODE TN877	ELEM IDENT A	OPT				
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
NC		BTCPI ATCPI FXREF	233 239 250			0ADLI12 0ALCP10P	0	ARZTS11 ACP1MP0	122 236	6/5 TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		0BMAEN 0BMA0 0BMA1	1 1 1	BMAEN BMA0 BMA1	045 044 043	2/2 2/2 2/2	308 308 308	0SY8KH10 0TS1A0P 0TS1A0X	0 1 1	1SY8KH ATPTS10 ATXTS10	305 017 020	6/5 5/5 5/5	
	1	FREER EXTREF CKSEL	253 254 312			0ALCP11P	0	ACP1MP1	238	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		0BMA2 0BMA3 0BMA4	1 1 1	BMA2 BMA3 BMA4	042 041 040	2/2 2/2 2/2	308 308 308	0TS1A0Y 0TS1A0Z 0TS1B0P	1 1 1	ATYTS10 ATZTS10 BTPTS10	019 018 013	5/5 5/5 5/5	
	1	SOLCR6 EXTCK OMPEN	316 317 322			0ALRMD0P	0	ARMTDMP0	152	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		0BMA5 0BMA6 0BMA7	1 1 1	BMA5 BMA6 BMA7	039 038 037	2/2 2/2 2/2	308 308 308	0TS1B0X 0TS1B0Y 0TS1B0Z	1 1 1	BTXTS10 BTYTS10 BTZTS10	016 015 014	5/5 5/5 5/5	
+12VCL10	PWR	1MPEN SOLCR7 +12	323 341 232	1/1		0ALRMD1P	0	ARMTDMP1	156	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		0BPMR5 0BRECV 0BXH1T	0 1 0	BPMR5 BRECV BXH1T	206 308 321	1/4 1/4 1/5		0UPACTOL	1	OMPACT	138	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
+5VCL10	PWR	+12 PWR +5	332 000 100	19/2 1/1 1/1		0ALRMD1P	0	ARMTDMP1	156	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		0BPMR5 0BRECV 0BXH1T	0 1 0	BPMR5 BRECV BXH1T	206 308 321	1/4 1/4 1/5		0UPCKOL	1	OMPK	137	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
-48ADL10	PWR	+5 PWR +5 PWR -48	101 001 006	1/1 19/2 1/1	310	0ALRMD1P	0	ARMTDMP1	151	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		0BPMR5 0BRECV 0BXH1T	0 1 0	BPMR5 BRECV BXH1T	206 308 321	1/4 1/4 1/5		0UPGOOL	1	OMPGO	139	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
GRD13084	PWR	-48	106	19/1,19/2 TO FUSE PANEL	310	0ALRMD1P	0	ARMTDMP1	155	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		0DL1-CP 0DL1RA7	0 0	-CURPR TRA7D TRA7	012 336 335	19/2		0UPHMOA	1	ATKTDMP0	150	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	1	UPPAREO GRD	256 200			0DAMAEN 0DAMA0	1 1	DAMAEN DAMA0	056 055	2/1 2/1	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOB	1	BTMTDMP0	034	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	201			0DAMA1 0DAMA2 0DAMA3	1 1 1	DAMA1 DAMA2 DAMA3	054 053 052	2/1 2/1 2/1	308 308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOA	1	ATMTDMP0	149	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	207			0DAMA4 0DAMA5 0DAMA6	1 1 1	DAMA4 DAMA5 DAMA6	051 050 049	2/1 2/1 2/1	308 308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOB	1	BTMTDMP0	034	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	215			0DAMA7 0DAPMR5 0DARECV	1 0 1	DAMA7 DAPMR5 DARECV	048 251 353	2/1 1/3 1/3	308 308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOA	1	ATMTDMP0	149	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	216			0DAPMR5 0DARECV	0 1	DAPMR5 DARECV	251 353	1/3 1/3	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOB	1	BTMTDMP0	034	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	217			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOA	1	ATMTDMP0	149	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	218			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOB	1	BTMTDMP0	034	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	219			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOA	1	ATMTDMP0	149	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	220			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOB	1	BTMTDMP0	034	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	221			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOA	1	ATMTDMP0	149	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	223			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOB	1	BTMTDMP0	034	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	224			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOA	1	ATMTDMP0	149	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	225			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOB	1	BTMTDMP0	034	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	226			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOA	1	ATMTDMP0	149	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	227			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOB	1	BTMTDMP0	034	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	228			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOA	1	ATMTDMP0	149	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	229			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOB	1	BTMTDMP0	034	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	230			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOA	1	ATMTDMP0	149	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	231			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOB	1	BTMTDMP0	034	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	232			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOA	1	ATMTDMP0	149	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	233			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOB	1	BTMTDMP0	034	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	234			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOA	1	ATMTDMP0	149	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	235			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOB	1	BTMTDMP0	034	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	236			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOA	1	ATMTDMP0	149	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	237			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOB	1	BTMTDMP0	034	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	238			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOA	1	ATMTDMP0	149	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	239			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOB	1	BTMTDMP0	034	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	240			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOA	1	ATMTDMP0	149	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	241			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOB	1	BTMTDMP0	034	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	242			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOA	1	ATMTDMP0	149	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	243			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOB	1	BTMTDMP0	034	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	244			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOA	1	ATMTDMP0	149	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	245			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1PTMD	241 243 242			0UPHMOB	1	BTMTDMP0	034	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	GRD	GRD	246			0DAXH1T 0DAXPMR5 0DAXKREF	0 0 TP	DAXH1T DAXPMR5 DAXKREF	340 334 338	1/2 1/2	308 308	0DLBRMTD 0DLBOPTMD 0DLB1PTMD	0 0 0	LBRMTD LBOPTMD LB1									

PART OF FS 1
LINK INTERFACE 0

SYMBOL NO. 1 (CONT)
DUAL LINK INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DL10	13-084	TN877	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
1TS1802	I	BTZTS11	114	A/5	
1UPACTOL	I	IMPACT	144	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1UPCKOL	I	IMPCK	143	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1UPG00L	I	IMPGO	145	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1UPTMDOA	I	ATMTOMP1	154	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1UPTMDOB	I	BTMTOMP1	134	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1UPTMPOA	I	ATMTMP1	153	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1UPTMPOB	I	BTMTMP1	133	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1UPTROOL	I	IMPDATA	146	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
18MHOCK	I	BMMHIN	102	3/1	

SYMBOL NO. 2
NCT OPTICAL LINK TRANSMITTER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OPTXMIT	14-084A	982CF	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
GRD13084	GRD	GRD	002		
	GRD	GRD	008		
	GRD	GRD	107		
DAXMIT	I	XMIT	108	1/1	
DAXPHRS	PHR	+5	102	1/1	
DFDATTIE	O	FOOUT	FO	(2)	(2)1/3
DFDAXMIT	O	FOOUT	FO	(Y)	(Y)TO SWITCHING MODULE APPLICATION SCHEMATIC

SYMBOL NO. 3
NCT OPTICAL LINK RECEIVER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OPTRCV	14-084B	982CG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
GRD13084	GRD	GRD	007		
	GRD	GRD	103		
	GRD	RECVRET	107		
O-48B	PHR	-48	004		
OACOND5	PHR	+5COND	109	1/1	
OAPHR5	PHR	+5	006	1/1	
DARECV	O	RECV	108		
DFDARC	I	FOIN	FO	(Y)	(Y)TO SWITCHING MODULE APPLICATION SCHEMATIC
DFDATTIE	I	FOIN	FO	(Z)	(Z)1/2

SYMBOL NO. 4
NCT OPTICAL LINK RECEIVER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OPTRCV	12-084A	982CG	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
GRD13084	GRD	GRD	007		
	GRD	GRD	103		
	GRD	RECVRET	107		
O-48A	PHR	-48	004		
OBCOND5	PHR	+5COND	109	1/1	
OAPHR5	PHR	+5	006	1/1	
OBRECV	O	RECV	108		
DFEBRCV	I	FOIN	FO		
					1/1 TO SWITCHING MODULE APPLICATION SCHEMATIC

SYMBOL NO. 5
NCT OPTICAL LINK TRANSMITTER

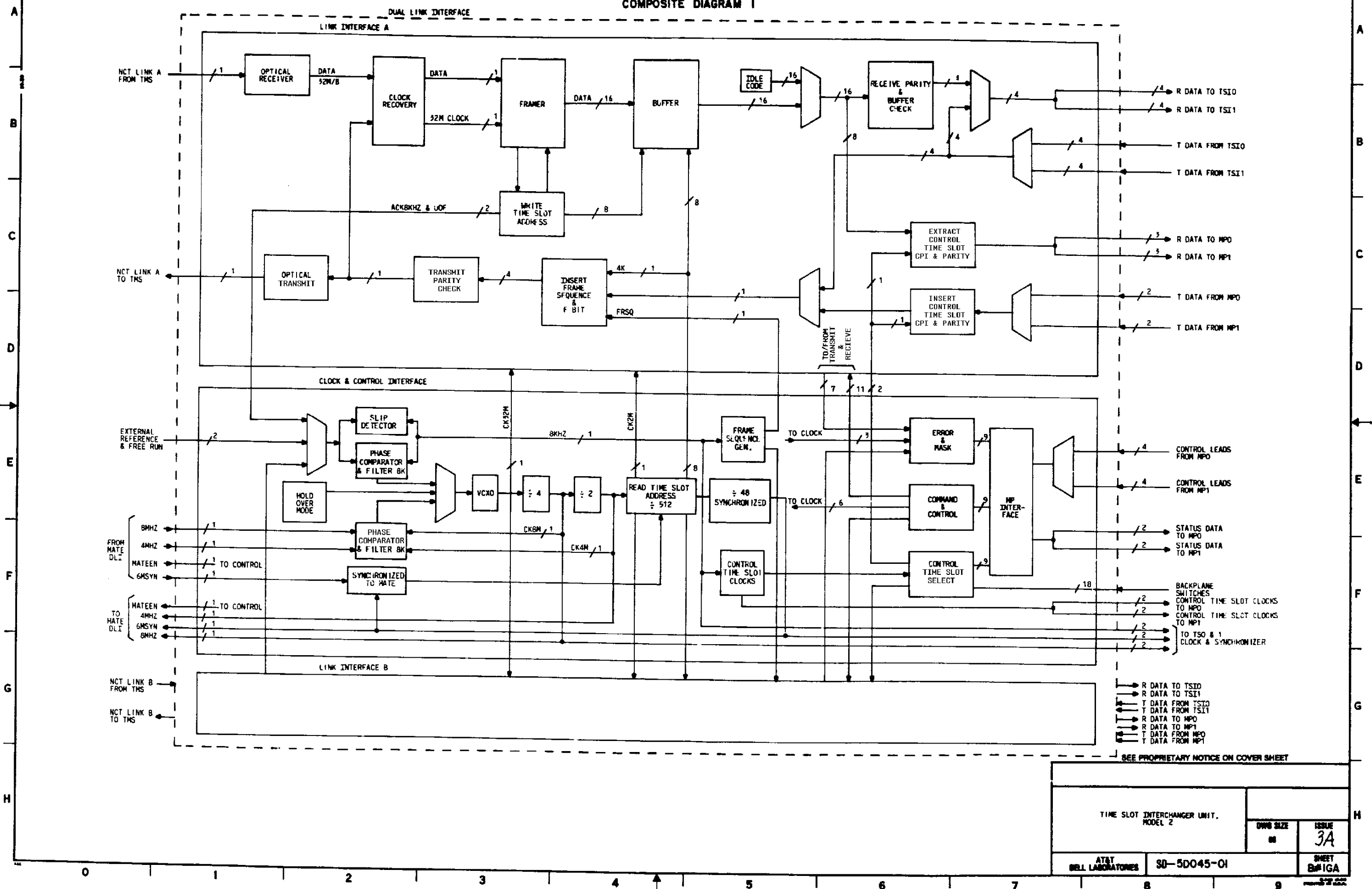
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OPTXMIT	12-084B	982CF	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
GRD13084	GRD	GRD	002		
	GRD	GRD	008		
	GRD	GRD	107		
DBXMIT	I	XMIT	108	1/1	
DBXPHRS	PHR	+5	102	1/1	
DFDBXMIT	O	FOOUT	FO		
					TO SWITCHING MODULE APPLICATION SCHEMATIC

PART OF FS 1
SYMBOL(S) 1 2 3 4 5

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TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE C2
AT&T BELL LABORATORIES		ISSUE 11B
SD-5D045-01		B#1CB

PART OF FS I LINK INTERFACE 0 COMPOSITE DIAGRAM I



SEE PROPRIETARY NOTICE ON COVER SHEET

TIME SLOT INTERCHANGER UNIT,
MODEL 2

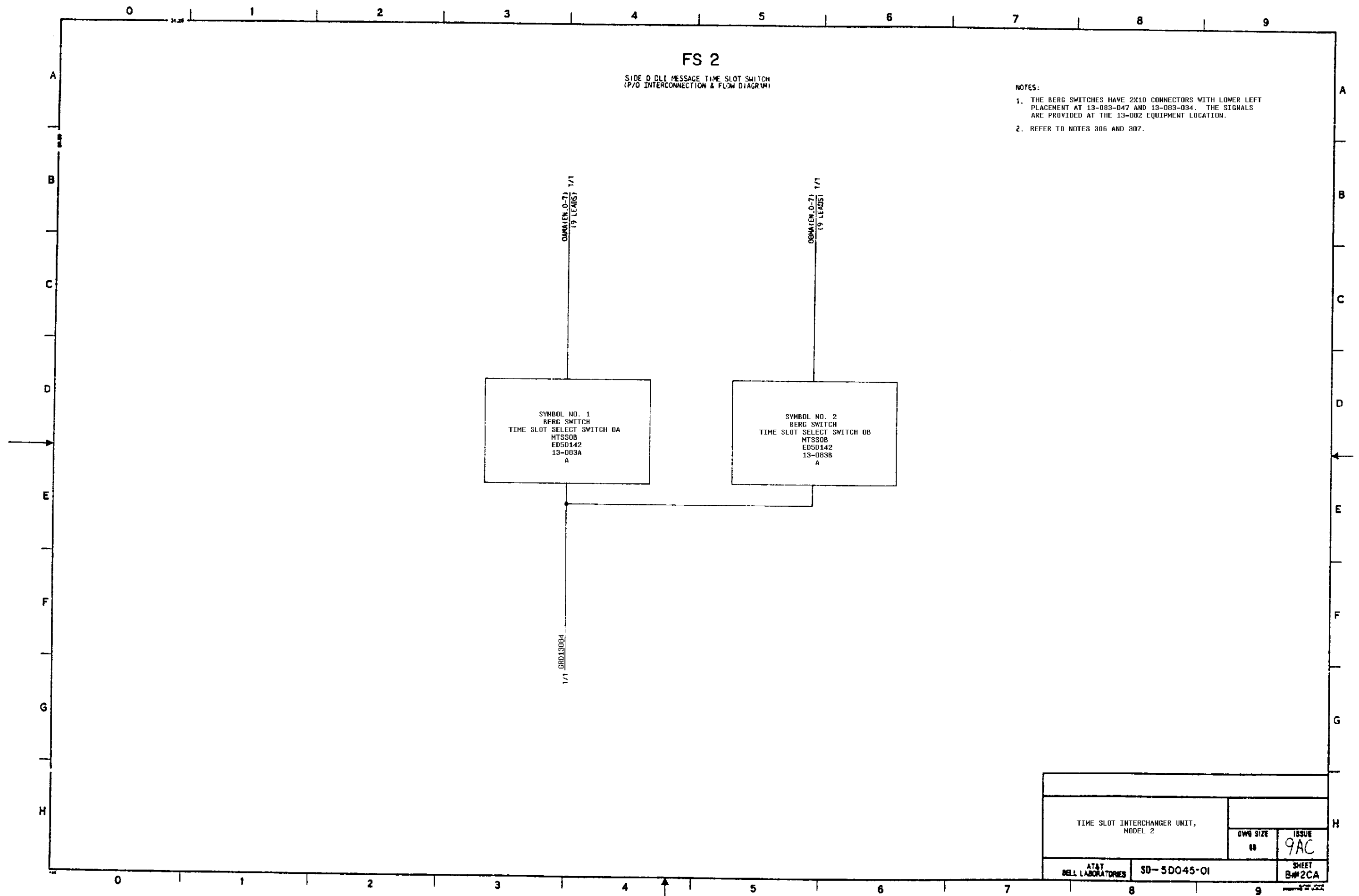
AT&T
BELL LABORATORIES

SD-5D045-01

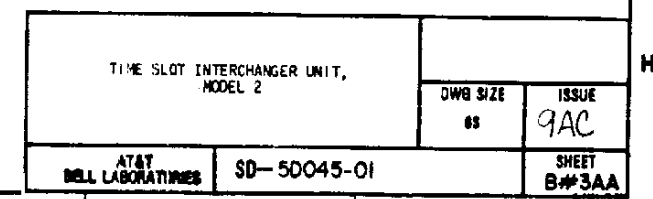
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8 1/2

ISSUE
3A

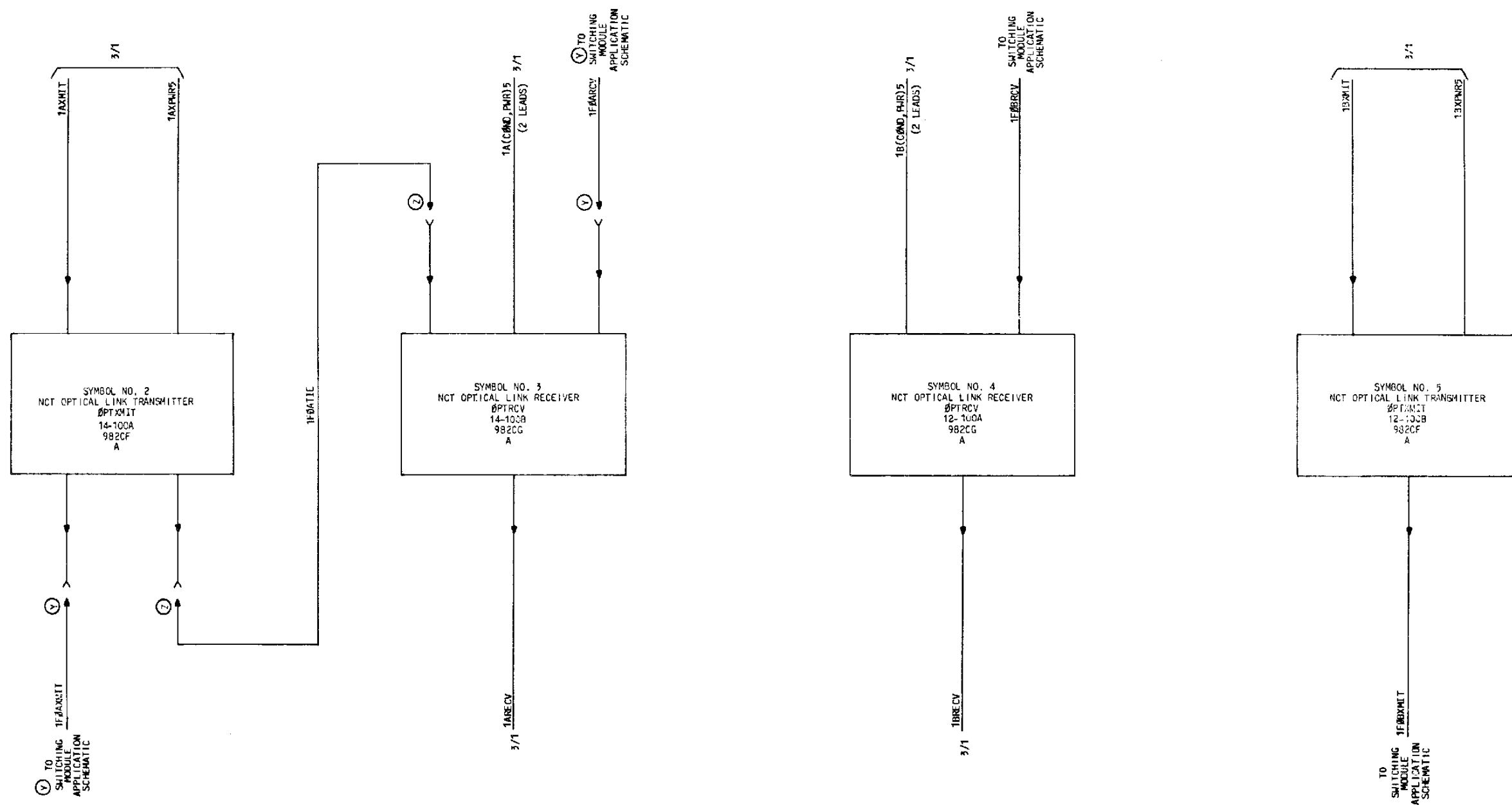
SHEET
B#1GA



LINK INTERFACE 1
(P/D INTERCONNECTION & FLOW DIAGRAM)



PART OF FS 3
LINK INTERFACE 1
(P/O INTERCONNECTION & FLOW DIAGRAM)



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TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE 8 1/2	ISSUE 11B
AT&T BELL LABORATORIES	SD-50045-01		SHEET B # 3A

PART OF FS 3 LINK INTERFACE 1

SYMBOL NO. 1 DUAL LINK INTERFACE						SYMBOL NO. 1 (CONT) DUAL LINK INTERFACE						SYMBOL NO. 1 (CONT) DUAL LINK INTERFACE						SYMBOL NO. 1 (CONT) DUAL LINK INTERFACE						
DESIG DL11	EQPT LOC 13-100	CODE TN877	ELEM IDENT A	OPT		DESIG DL11	EQPT LOC 13-100	CODE TN877	ELEM IDENT A	OPT		DESIG DL11	EQPT LOC 13-100	CODE TN877	ELEM IDENT A	OPT		DESIG DL11	EQPT LOC 13-100	CODE TN877	ELEM IDENT A	OPT		
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	
NC	I	BTCP1 233 ATCP1 239 FXREF 250				OTS1B1Z OUPACT1L	I	BTZTS10 014 OMPACT 138		5/5 TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		1A1WEN 1A1A0 1A1A1	I	1A1A0 055 1A1A1 054		4/1 4/1	308 308 308	10L1RA7 1A1WTD 1A1WTD	O	1A1WTD 336 1A1WTD 335 1A1WTD 246				
	I	FREER 253 EXTREF 254 CKSEL 312				DUPCK1L	I	OMPK 137		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		1A1A2 1A1A3 1A1A4	I	1A1A2 053 1A1A3 052 1A1A4 051		4/1 4/1	308 308 308	1A1OPTMD 1A1OPTMD 1A1OPTMD	O	1A1OPTMD 245 1A1OPTMD 244 1A1OPTMD 241				
	I	SOLCR6 316 EXTCK 317 OMPEN 322				DUPGO1L	I	OMPGO 139		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		1A1A5 1A1A6 1A1A7	I	1A1A5 050 1A1A6 049 1A1A7 048		4/1 4/1	308 308 308	1A1OPTMD 1A1OPTMD 1A1OPTMD	O	1A1OPTMD 243 1A1OPTMD 242 1A1OPTMD 248				
+12VDL11	PHR	1MPEN 323 SOLCR7 341 +12 232		3/1		OLPTMD1A	I	ATHTMDP0 150		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		1A1PHRS 1A1REC 1A1XIT	O	1A1PHRS 251 1A1REC 353 1A1XIT 340		3/3 3/3 3/2						TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
+5VDL11	PHR	+12 332 +5 000 +5 100		20/2 3/1 3/1		OLPTMD1B	I	BTHTMDP0 034		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		1A1PHRS 1A1KREF 1A1COND5	O	1A1PHRS 334 1A1KREF 338 1A1COND5 309		3/2 3/2 3/4						TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
-48ADL11	PHR	+5 101 +5 001 -48 106		3/1 20/2 3/1		OLPTMD1A	I	ATHTMDP0 149		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		1A1DL10P 1A1DL10X 1A1DL10Y	O	1A1DL10P 008 1A1DL10X 011 1A1DL10Y 010		5/5 5/5 5/5						TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
GRD13100	PHR	-48 006 UPPARE0 256 GRD 200		20/1,20/2		OLPTMD1B	I	BTHTMDP0 033		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		1A1DL10Z 1A1DL11P 1A1DL11X	O	1A1DL10Z 009 1A1DL11P 108 1A1DL11X 111		5/5 6/5 6/5						TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
	GRD	GRD 201 GRD 202 GRD 205				OLPTMD1L	I	OMPDATA 140		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		1A1DL11Y 1A1DL11Z 1A1DL11P	O	1A1DL11Y 110 1A1DL11Z 109 1A1DL11P 235		6/5 6/5 TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2						TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
	GRD	GRD 207 GRD 213 GRD 214				08PH1CK 1-48A 1-48B	I	8PH1N 102 -48 204 -48 249		1/1		1A1CP11P	O	BCP1MP1 237		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2						TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
	GRD	GRD 215 GRD 216 GRD 217				1A1COND5 1A1DL10P 1A1DL10X	O	1A1COND5 354 1A1DL10P 021 1A1DL10X 024		3/3 5/5 5/5		1A1LRDOP	O	BRHTMDP0 132		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2						TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
	GRD	GRD 218 GRD 219 GRD 220				1A1DL10Y 1A1DL10Z 1A1DL11P	O	1A1DL10Y 023 1A1DL10Z 022 1A1DL11P 121		5/5 5/5 6/5		1A1LRDIP	O	BRHTMDP1 136		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2						TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
	GRD	GRD 221 GRD 224 GRD 240				1A1DL11X 1A1DL11Y 1A1DL11Z	O	1A1DL11X 124 1A1DL11Y 123 1A1DL11Z 122		6/5 6/5 6/5		1A1LRPOP	O	BRHTMDP0 032		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2						TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
	GRD	GRD 252 GRD 300 GRD 301				1A1LEP1OP	O	ACP1MP0 236		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		1A1LRPIP	O	BRHTMDP1 135		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2						TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
	GRD	GRD 303 GRD 307 GRD 320				1A1LEP1IP	O	ACP1MP1 238		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		1A1MAEN	I	1A1MAEN 045		4/2 4/2 4/2	308 308 308						TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
TP2ATSTC TP2ATSTD TP2BTSTC	TP	ATESTCK 350 ATESTD 349 BTSTCK 311				1A1LRDOP	O	ARHTMDP0 152		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		1A1MA0 1A1MA1 1A1MA2	I	1A1MA0 044 1A1MA1 043 1A1MA2 042		4/2 4/2 4/2	308 308 308						TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
TP2BTSTD TP2FREE OMATEEN	TP	BTSTCK 310 FREE1 255 MATEENIN 004		1/1		1A1LRDIP	O	ARHTMDP1 156		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		1A1MA3 1A1MA4 1A1MA5	I	1A1MA3 041 1A1MA4 040 1A1MA5 039		4/2 4/2 4/2	308 308 308						TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
OMATE4NO OSYNMS00 OTS1A1P	O	4MHOUT 302 6MSIN 002 ATPTS10 017		1/1 1/1 5/5		1A1LRPOP	O	ARHTMDP0 151		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		1A1MA6 1A1MA7 1A1PHRS	I	1A1MA6 038 1A1MA7 037 1A1PHRS 206		4/2 4/2 3/4	308 308 308						TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
OTS1A1X OTS1A1Y OTS1A1Z	I	ATXTS10 020 ATYTS10 019 ATZTS10 018		5/5 5/5 5/5		1A1LRPIP	O	ARHTMDP1 155		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		1A1REC 1A1XIT 1A1PHRS	O	1A1REC 308 1A1XIT 321 1A1PHRS 315		3/4 3/5 3/5							TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
OTS1B1P OTS1B1X OTS1B1Y	I	BTPTS10 013 BTXTS10 016 BTYTS10 015		5/5 5/5 5/5								1A1KREF 1A1L1-CP 1A1L1-CP	TP	1A1KREF 314 1A1L1-CP 112 1A1L1-CP 012		20/2 20/2							TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	

PART OF FS 3
SYMBOL(S) 1

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TIME SLOT INTERCHANGER UNIT,
MODEL 2

AT&T
BELL LABORATORIES

SD-5D045-01

DWG SIZE
11B

ISSUE
B#3CA

PART OF FS 3
SYMBOL(S) 1

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TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE 2
AT&T BELL LABORATORIES		ISSUE 11B
SD-SD045-01		B#3CA

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PART OF FS 3
LINK INTERFACE 1

SYMBOL NO. 1 (CONT)
DUAL LINK INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT		
DLIT	13-100	TN877	A			
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	
1UPACT1L	1	1MPACT	144	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
1UPCK1L	1	1MPCK	143	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
1UPG01L	1	1MPG0	145	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
1UPTHD1A	1	ATHTDMP1	154	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
1UPTHD1B	1	BTHTDMP1	134	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
1UPTHP1A	1	ATHTHP1	153	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
1UPTHP1B	1	BTHTHP1	133	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
1UPTRD1L	1	1MPDATA	146	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
18MMDCK	0	0CK8MH	005	1/1, 5/1 5/2, 5/3 5/4, 5/5 6/1, 6/2 6/3, 6/4 6/5		
18MHTCK	0	1CK8MH	105			

SYMBOL NO. 2
NCT OPTICAL LINK TRANSMITTER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT		
OPTXMIT	14-100A	982CF	A			
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	
GRD13100	GRD	GRD	002			
	GRD	GRD	008			
	GRD	GRD	107			
1AXMIT	1	XMIT	108	3/1		
1AXPHRS	PHR	+5	102	3/1		
1FOATIE	0	FOOUT	FO	(2)	(2)3/3	
1FOAXMIT	0	FOOUT	FO	(Y)	(Y)TO SWITCHING MODULE APPLICATION SCHEMATIC	

SYMBOL NO. 3
NCT OPTICAL LINK RECEIVER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT		
OPTRCV	14-100B	982CG	A			
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	
GRD13100	GRD	GRD	007			
	GRD	GRD	103			
	GRD	GRD	107			
1-488	PHR	-48	004			
1ACONDS	PHR	+5COND	109	3/1		
1APHRS	PHR	+5	006	3/1		
1ARECV	0	RECV	108	(Y)	3/1 (Y)TO SWITCHING MODULE APPLICATION SCHEMATIC	
1FOARCV	1	FOIN	FO	(2)	(2)3/2	

SYMBOL NO. 4
NCT OPTICAL LINK RECEIVER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT		
OPTRCV	12-100A	982CG	A			
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	
GRD13100	GRD	GRD	007			
	GRD	GRD	103			
	GRD	GRD	107			
1-48A	PHR	-48	004			
18COND5	PHR	+5COND	109	3/1		
18PHRS	PHR	+5	006	3/1		
18RECV	0	RECV	108	3/1	TO SWITCHING MODULE APPLICATION SCHEMATIC	
1FOBRCV	1	FOIN	FO			

SYMBOL NO. 5
NCT OPTICAL LINK TRANSMITTER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT		
OPTXMIT	12-100B	982CF	A			
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	
GRD13100	GRD	GRD	002			
	GRD	GRD	008			
	GRD	GRD	107			
1BXMIT	1	XMIT	108	3/1		
1BXPHRS	PHR	+5	102	3/1		
1FOBXMIT	0	FOOUT	FO		TO SWITCHING MODULE APPLICATION SCHEMATIC	

PART OF FS 3
SYMBOL(S) 1 2 3 4 5

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TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE 2
AT&T BELL LABORATORIES		ISSUE 11B
SD-SD045-01		B#3CB

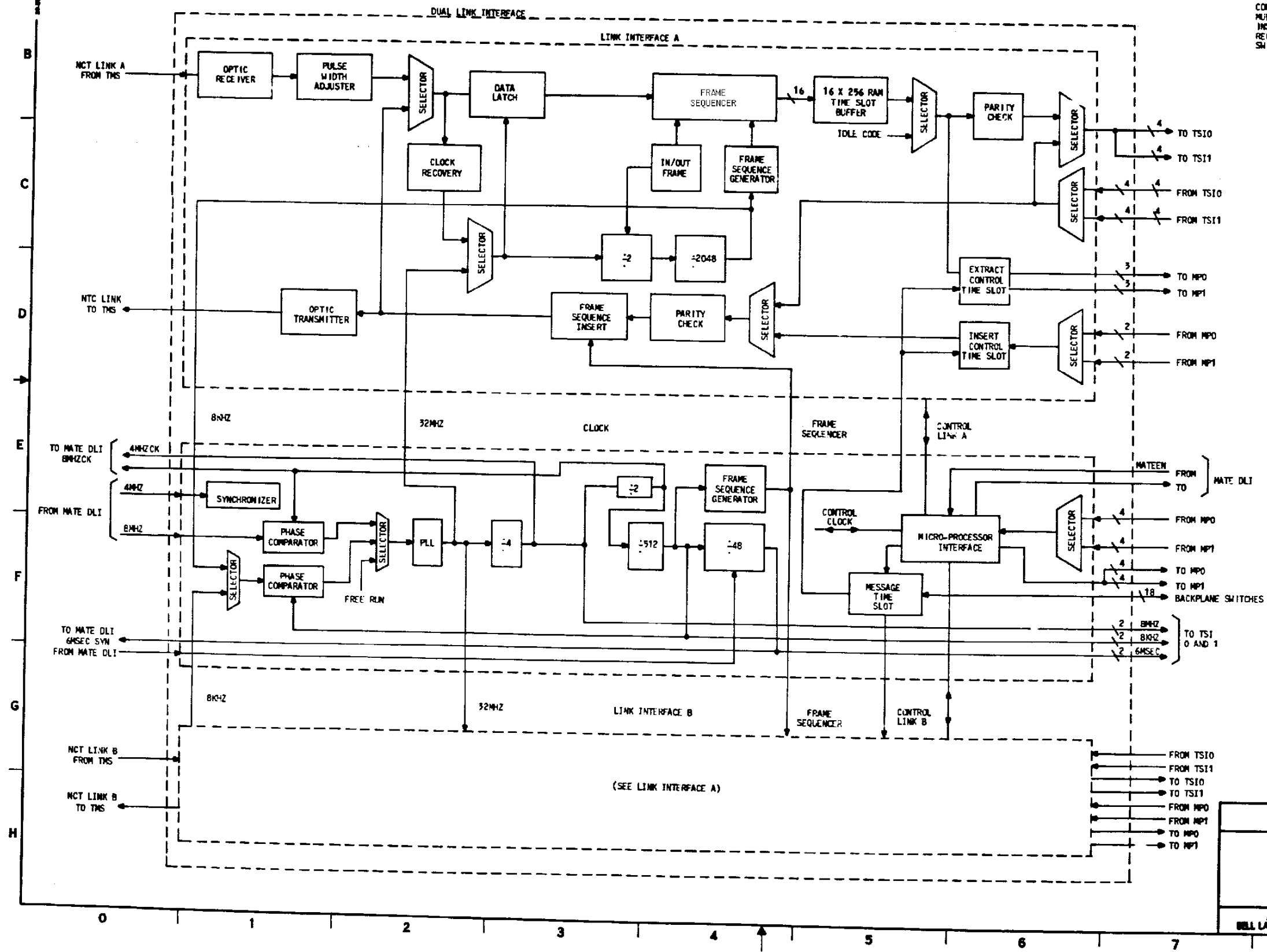
MADE IN U.S.A.

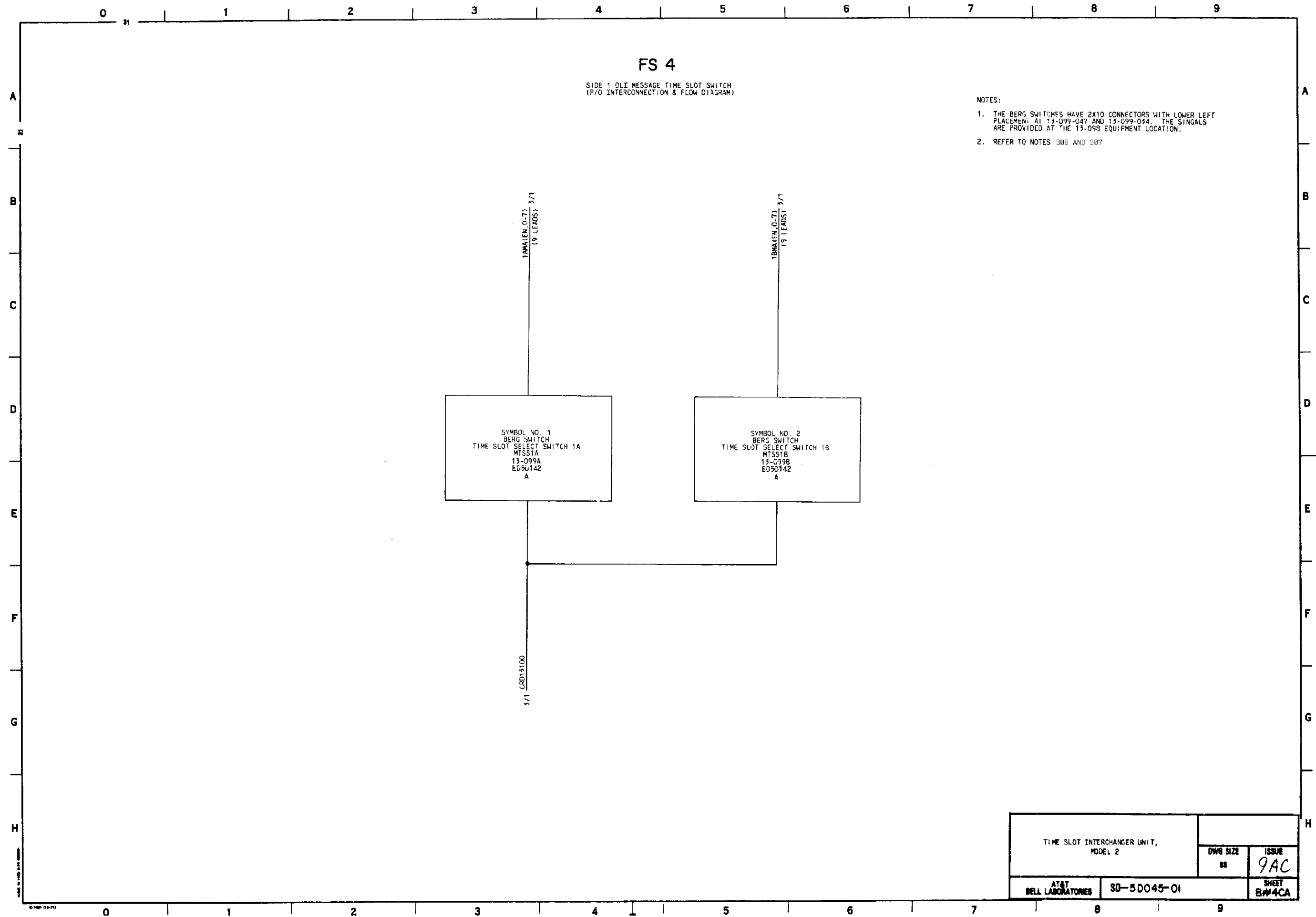
PART OF FS 3 LINK INTERFACE 0 COMPOSITE DIAGRAM 1

NOTES:

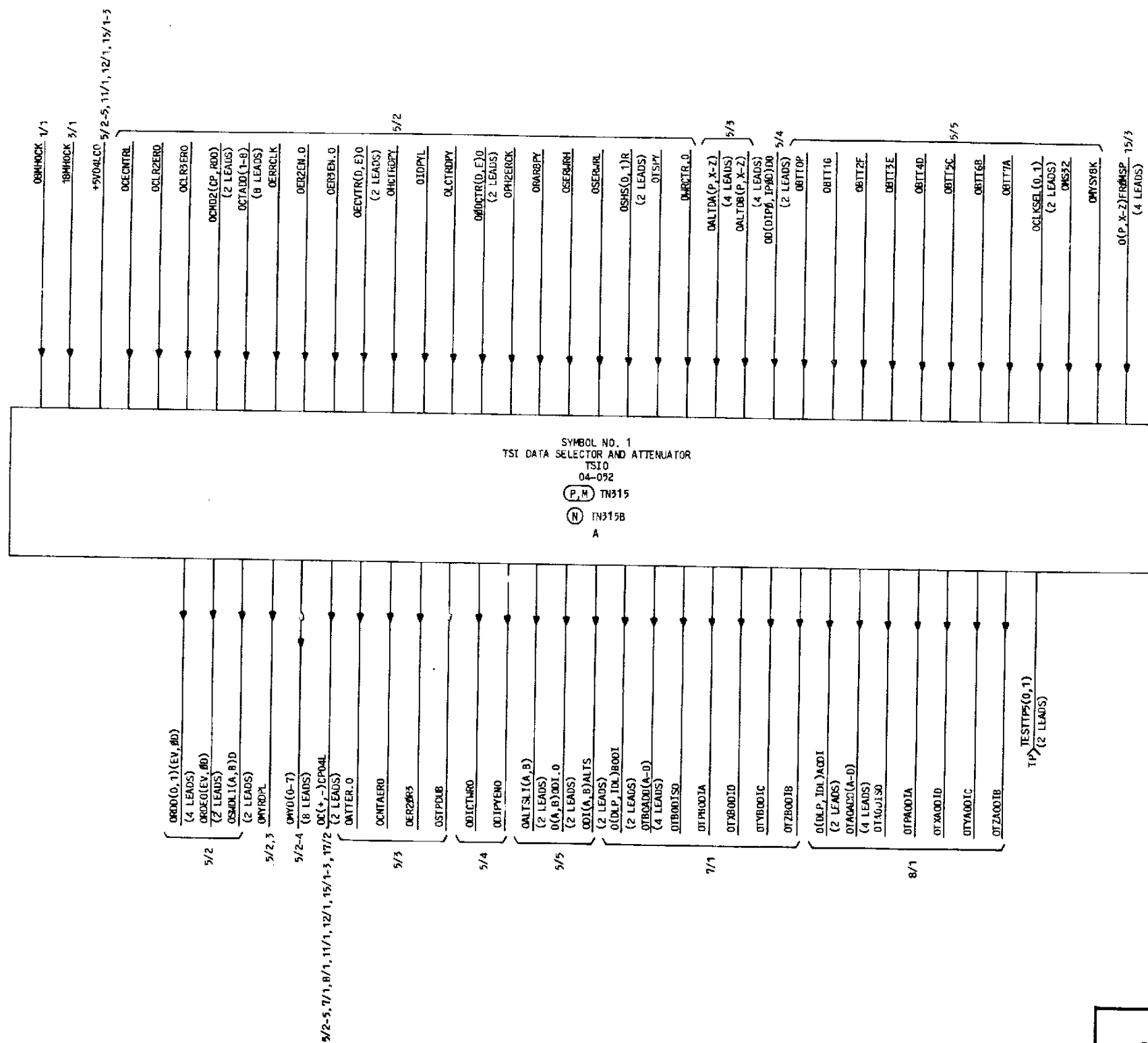
DUAL LINK INTERFACE

THE DUAL LINK INTERFACE (DLI) INTERFACES VIA THE NETWORK CONTROL AND TIMING (NCT) LINKS, TO AND FROM THE TIME MULTIPLEX SWITCH (TMS), SENDING AND RECEIVING TIME SLOTS, INSERTING AND EXTRACTING THE CONTROL TIME SLOT, AND RECEIVING TIMING FOR DISTRIBUTION TO THE REST OF THE SWITCHING MODULE.





TSI COMPLEX 0
(P/O INTERCONNECTION & FLOW DIAGRAM)



SEE PROPRIETARY NOTICE ON COVER SHEET

TIME SLOT INTERCHANGER UNIT, MODEL 2		
	DWG SIZE 00	ISSUE 8D
AT&T BELL LABORATORIES	30-50045-01	SHEET B-5AA

PART OF FS 5

TSI COMPLEX 0
(P/O INTERCONNECTION & FLOW DIAGRAM)

TO SWITCHING MODULE
PROCESSOR UNIT,
MODEL 2

SYMBOL NO. 2
TSI CONTROL AND IO
04-060
TINBES
A

TO SWITCHING MODULE
PROCESSOR UNIT,
MODEL 2

TIME SLOT INTERCHANGER UNIT,
MODEL 2

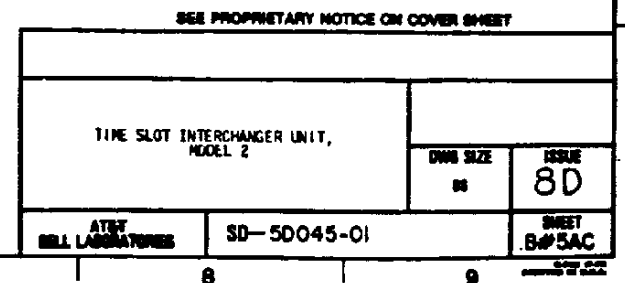
ISSUE
9AC

80-50045-01

SHEET
80-50045-01

17-22

TSI COMPLEX 0
(P/O INTERCONNECTION & FLOW DIAGRAM)



TSI COMPLEX 0
(P/O INTERCONNECTION & FLOW DIAGRAM)



TIME SLOT INTERCHANGER UNIT,
MODEL 2

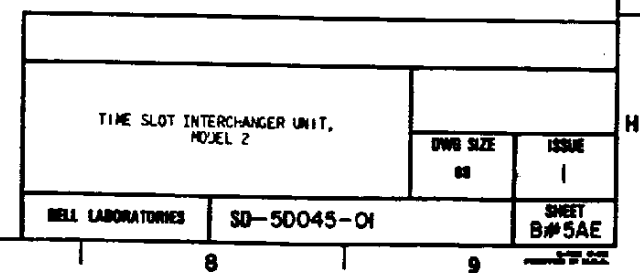
DATE SENT
06

ARMY S&L LAMAR	SO-50045-01
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SECRET
REF 5AD

1975-76

TST COMPLEX 0
(P/O INTERCONNECTION & FLOW DIAGRAM)



PART OF FS 5
TSI COMPLEX 0

SYMBOL NO. 1
TSI DATA SELECTOR AND ATTENUATOR

SYMBOL NO. 1 (CONT)
TSI DATA SELECTOR AND ATTENUATOR

SYMBOL NO. 1 (CONT)
TSI DATA SELECTOR AND ATTENUATOR

SYMBOL NO. 1 (CONT)
TSI DATA SELECTOR AND ATTENUATOR

EQUIPMENT IDENTIFICATION						EQUIPMENT IDENTIFICATION						EQUIPMENT IDENTIFICATION						EQUIPMENT IDENTIFICATION					
DESIGN	LOC	CODE	ELEM IDENT	OPT	NOTE	DESIGN	LOC	CODE	ELEM IDENT	OPT	NOTE	DESIGN	LOC	CODE	ELEM IDENT	OPT	NOTE	DESIGN	LOC	CODE	ELEM IDENT	OPT	NOTE
TS10	04-052	TN315	A	(P,M)		TS10	04-052	TN315	A	(P,M)		TS10	04-052	TN315	A	(P,M)		TS10	04-052	TN315	A	(P,M)	
TS11	04-052	TN315B	A	(N)		TS10	04-052	TN315B	A	(N)		TS10	04-052	TN315B	A	(N)		TS10	04-052	TN315B	A	(N)	

LEAD	DESIGN	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	(P)0	BSA301.0	016				
	(MSN)1	CTR2CE.0					
	(P)0	BSA301.0	017				
	(MSN)1	CTR2CE.0					
	(P)0	IDLE31B	102				
	(MSN)1	CTR2CE.0					
	(P)0	IDLE31A	103				
	(MSN)1	CTR2CE.0					
	(P)0	DLPO1B	104				
	(MSN)1	CTR2CE.0					
	(P)0	DLPO1A	105				
	(MSN)1	CTR2CE.0					
	(P)0	SOAEXDI	107				
	(MSN)1	IC42.1					
	(P)0	STAXEXDI	108				
	(MSN)1	CTR2CE.0					
	(P)0	SOBEXDI	109				
	(MSN)1	CTR2CE.0					
	(P)0	S1BEXDI	110				
	(MSN)1	CTR2CE.0					
	(P)0	BSA201.0	116				
	(MSN)1	CTR2CE.0					
	(P)0	BSB201.0	117				
	(MSN)1	CTR2CE.0					
	(P)0	BADDEXDI	202				
	(MSN)1	CTR2CE.0					
	(P)0	BADDEXDI	203				
	(MSN)1	CTR2CE.0					
	(P)0	BADDEXDI	204				
	(MSN)1	CTR2CE.0					
	(P)0	BADDEXDI	205				
	(MSN)1	CTR2CE.0					
	(P)0	AADDEXDI	207				
	(MSN)1	CTR2CE.0					
	(P)0	AADDEXDI	208				
	(MSN)1	CTR2CE.0					
	(P)0	AADDEXDI	209				
	(MSN)1	CTR2CE.0					
	(P)0	AADDEXDI	210				
	(MSN)1	CTR2CE.0					
	(P)0	TXBEXDI	212				
	(MSN)1	CTR2CE.0					
	(P)0	TYBEXDI	213				
	(MSN)1	CTR2CE.0					
	(P)0	T2BEXDI	214				
	(MSN)1	CTR2CE.0					
	(P)0	TPBEXDI	215				
	(MSN)1	CTR2CE.0					
	(P)0	BSA101.0	216				
	(MSN)1	CTR2CE.0					
	(P)0	BSB101.0	217				
	(MSN)1	CTR2CE.0					
	(P)0	TXAEXDI	218				
	(MSN)1	CTR2CE.0					
	(P)0	TYAEXDI	219				
	(MSN)1	CTR2CE.0					
	(P)0	TZAEXDI	220				
	(MSN)1	CTR2CE.0					
	(P)0	TPAEXDI	221				
	(MSN)1	CTR2CE.0					

+5V04LCC	PWR	+5	000		5/1
	PWR	+5	001		5/1
	PWR	+5	100		5/1
	PWR	+5	101		5/2, 5/3
					5/4, 5/5
					11/1, 12/1
					15/1, 15/2
					15/3

GRD04052	GRD	GRD	006		
	GRD	GRD	022		

LEAD	DESIGN	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	036				
	GRD	GRD	033				
	GRD	GRD	042				
	GRD	GRD	044				
	GRD	GRD	046				
	GRD	GRD	048				
	GRD	GRD	051				
	GRD	GRD	053				
	GRD	GRD	056				
	GRD	GRD	106				
	GRD	GRD	111				
	GRD	GRD	121				
	GRD	GRD	136				
	GRD	GRD	156				
	GRD	GRD	200				
	GRD	GRD	201				
	GRD	GRD	206				
	GRD	GRD	211				
	GRD	GRD	300				
	GRD	GRD	301				
	GRD	GRD	306				
	GRD	GRD	311				
	GRD	GRD	322				
TESTTP50	(P,M)TP	10421	150				
	(N)TP	1042.1					
TESTTP51	TP	TESTINIT	141				
QALTDAP	I	ALTDAP	337			5/3	
QALTOAX	I	ALTOAX	340			5/3	
QALTDAY	I	ALTDAY	339			5/3	
QALTDAZ	I	ALTDAZ	338			5/3	
QALTD8P	I	ALTD8P	333			5/3	
QALTD8X	I	ALTD8X	336			5/3	
QALTD8Y	I	ALTD8Y	335			5/3	
QALTD8Z	I	ALTD8Z	334			5/3	
QALTSLIA	O	ALTSOLIA	035			5/5	
QALTSLIB	O	ALTSOLIB	034			5/5	
QATTERR	O	ATTERR	233			5/3	
QADD1.0	O	AOD1.0	113			5/5	
QBTTOP	I	BTTOP	252			5/5	
QBTTIG	I	BTFIG	253			5/5	
QBTT2F	I	BTTF2F	254			5/5	
QBTT3E	I	BTTF3E	255			5/5	
QBTT4D	I	BTTF4D	352			5/5	
QBTT5C	I	BTTF5C	353			5/5	
QBTT6B	I	BTTF6B	354			5/5	
QBTT7A	I	BTTF7A	355			5/5	
QBOD1.0	O	BOD1.0	114			5/5	
QC-CP04L	OT	-CURPR	112			5/2, 5/3	
						5/4, 5/5	
						7/1, 8/1	
						11/1, 12/1	
						15/2, 15/3	
						15/1, 17/2	
						5/2, 5/3	
						5/4, 5/5	
						7/1, 8/1	
						11/1, 12/1	
						15/2, 15/3	
						15/1, 17/2	
QCECNTRL	(P,M)1	CECNTRL	047			5/2	
	(N)1	CTR2CE.0					
QCLKSELO	I	CLKSELO	050			5/5	
QCLKSEL1	I	CLKSEL1	049			5/5	

QCLRZER0	I	CLRZER.0	224		5/2
QCLR3ER0	I	CLR3ER.0	248		5/2
QCM02CP	I	CM02CP.0	341		5/2
QCM02RD0	I	CM02RD.0	241		5/2
QCNTAER0	O	CNTAER.0	350		5/3
QCTADD1	I	CTR1AD	140		5/2
QCTADD2	I	CTR2AD	139		5/2
QCTADD3	I	CTR3AD	138		5/2
QCTADD4	I	CTR4AD	137		5/2
QCTADD5	I	CTR5AD	240		5/2
QCTADD6	I	CTR6AD	239		5/2
QCTADD7	I	CTR7AD	238		5/2
QCTADD8	I	CTR8AD	237		5/2
QD01POD0	I	D01POD.0	222		5/4
QD1AALTS	O	D1AALTS	247		5/5
QD1BALTS	O	D1BALTS	147		5/5
QD1CTWR0	O	D1CTWR.0	041		5/4
QD1PODD0	I	D1PODD.0	151		5/4
QD1PYEN0	O	D1PYEN	133		5/4
QDLPADD1	O	DLPADD1	343		8/1
QDLPB001	O	DLPB001	342		7/1
QERRCLK	I	ERRCLK	246		5/2
QERZEN.0	I	ERZEN.0	232		5/2
QERZOR3	O	ERZOR3	251		5/3
QER3EN.0	I	ER3EN.0	148		5/2
QEVCTRD0	I	EVCTRD0	145		5/2
QEVCTRE0	I	EVCTRE0	143		5/2
QHCTRD0P	I	HCTRD0P	020		5/2
QIDLADD1	O	IDLADD1	345		8/1
QIDLBD01	O	IDLBD01	344		7/1
QIDPYL	I	IDPYL	245		5/2
QLCTRD0P	I	LCTRD0P	021		5/2
QMS32	I	MS32	120		5/5
QMYD0	10	MYD0	010		5/2, 5/3
QMYD1	10	MYD1	009		5/2, 5/3
QMYD2	10	MYD2	008		5/2, 5/3
					5/4
QMYD3	10	MYD3	007		5/2, 5/3
					5/4
QMYD4	10	MYD4	005		5/2, 5/3
					5/4
QMYD5	10	MYD5	004		5/2, 5/3
					5/4
QMYD6	10	MYD6	003		5/2, 5/3
					5/4
QMYD7	10	MYD7	002		5/2, 5/3
					5/4
QMYRDPL	OT	MYRDPL	242		5/3
	I				5/2
QMYSY8K	I	MYSY8K	055		5/5
QOCTRD00	I	OCTRD00	144		5/2
QOCTRE0	I	OCTRE0	142		5/2
QPFROMSP	I	PFROMSP	152		15/3
QPHZERCK	I	PHZERCK	256		5/2
QRAR8PY	I	RAR8PY	040		5/2
QRDD0EV	O	RDD0EV	349		5/2
QRDD000	O	RDD000	348		5/2
QRDD1EV	O	RDD1EV	236		5/2

PART OF FS 5
SYMBOL(S) 1

TIME SLOT INTERCHANGER UNIT, MODEL 2			ORG SIZE	ISSUE
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PART OF FS 5
SYMBOL(S) 1

TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE A	ISSUE 9AC
AT&T BELL LABORATORIES		SD-5D045-01	
		B*5CA	

TSI COMPLEX 0

PART OF FS 5
SYMBOL(S) 2

TIME SLOT INTERCHANGER UNIT,
MODEL 2

ONG SI
B

9AC

AT&T
BELL LABORATORIES

SD-5D045-01

B*5CB

TS(COMPLEX 0

TS: CONTROL AND IO

TSI CONTROL AND IO

TSI ALT-D LOW MEMORY

TS1 ALT-0 LOW MEMORY

PART OF FS 5	
SYMBOL(S) 2 3	

PART OF FS 5 TSI COMPLEX 0

SYMBOL NO. 3 (CONT)
TSI ALT-D LOW MEMORY

SYMBOL NO. 3 (CONT)
TSI ALT-D LOW MEMORY

SYMBOL NO. 4 (CONT)
TSI ALT-D HIGH MEMORY

SYMBOL NO. 4 (CONT)
TSI ALT-D HIGH MEMORY

DESIG	EOPF LOC	CODE	ELEM IDENT	OPT	DESIG	EOPF LOC	CODE	ELEM IDENT	OPT	DESIG	EOPF LOC	CODE	ELEM IDENT	OPT	DESIG	EOPF LOC	CODE	ELEM IDENT	OPT				
																				TS10	04-068	TN127	A
TS10	04-068	TN127	A	(P,M)	TS10	04-068	TN127	A	(P,M)	TS10	04-076	TN887	A		TS10	04-076	TN887	A					
TS10	04-068	TN127/8	A	(N)	TS10	04-068	TN127/8	A	(N)	TS10	04-076	TN887	A		TS10	04-076	TN887	A					
LEAD	DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD	DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD	DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE			
0MYD6	10	MYD6	003	5/1			08KSIP	(P,M)OT	RESRVP1P	234	5/4	TO DIGITAL SERVICE UNIT		0ACC3E	1	ACC3E	116	5/5	0L13E	1	L13E	134	5/5
0MYD7	10	MYD7	002	5/1				(N)	RSRVP1P					0ACC4D	1	ACC4D	217	5/5	0MCADD0	1	MCADD0	224	5/3
0MYD8	10	MYD8	102	5/2			08MHCK	1	CLK8MH0	052	1/1			0ACC5C	1	ACC5C	213	5/5	0MCADD1	1	MCADD1	223	5/3
0MYD9	10	MYD9	103	5/2			18MHCK	1	CLK8MH1	054	3/1			0ACC6B	1	ACC6B	214	5/5	0MCADD2	1	MCADD2	222	5/3
0MYRDPH	0	MYRDPH	110	5/2										0ACC7A	1	ACC7A	216	5/5	0MCADD3	1	MCADD3	221	5/3
0MYRDPH	0	MYRDPH	110	5/2										0ADS1F	0	ADS1F	022	5/3	0MCADD4	1	MCADD4	324	5/3
0MYRDPH	0	MYRDPH	110	5/2										0ALTRD0	0	ALTRD0	124	5/3	0MCADD5	1	MCADD5	323	5/3
0MYRDPH	0	MYRDPH	110	5/2										0ALTRD1	0	ALTRD1	343	5/3	0MCADD6	1	MCADD6	322	5/3
0MYRDPH	0	MYRDPH	110	5/2										0ALTRD2	0	ALTRD2	344	5/3	0MCADD7	1	MCADD7	321	5/3
0MYRDPH	0	MYRDPH	110	5/2										0ALTRD3	0	ALTRD3	345	5/3	0MCADD8	1	MCADD8	320	5/3
0MYRDPH	0	MYRDPH	110	5/2										0ALTRD4	0	ALTRD4	346	5/3	0MCHADPY	1	MCHADPY	320	5/3
0MYRDPH	0	MYRDPH	110	5/2										0ALTRD5	0	ALTRD5	347	5/3	0MCHWRPY	1	MCHWRPY	220	5/3
0MYRDPH	0	MYRDPH	110	5/2										0ALTRD6	0	ALTRD6	348	5/3	0MYD0	10	MYD0	009	5/1
0MYRDPH	0	MYRDPH	110	5/2										0ALTRD7	0	ALTRD7	349	5/3	0MYD1	10	MYD1	008	5/1
0MYRDPH	0	MYRDPH	110	5/2										0ALTRD8	0	ALTRD8	350	5/3	0MYD10	10	MYD10	104	5/2
0MYRDPH	0	MYRDPH	110	5/2										0ALTRD9	0	ALTRD9	243	5/3	0MYD11	10	MYD11	105	5/2
0MYRDPH	0	MYRDPH	110	5/2										0ALTRD0	0	ALTRD0	244	5/3	0MYD12	10	MYD12	106	5/2
0MYRDPH	0	MYRDPH	110	5/2										0ALTRD1	0	ALTRD1	245	5/3	0MYD13	10	MYD13	107	5/2
0MYRDPH	0	MYRDPH	110	5/2										0ALTRD2	0	ALTRD2	246	5/3	0MYD14	10	MYD14	108	5/2
0MYRDPH	0	MYRDPH	110	5/2										0ALTRD3	0	ALTRD3	247	5/3	0MYD2	10	MYD2	007	5/1
0MYRDPH	0	MYRDPH	110	5/2										0ALTRD4	0	ALTRD4	248	5/3	0MYD3	10	MYD3	006	5/1
0MYRDPH	0	MYRDPH	110	5/2										0ALTRD5	0	ALTRD5	249	5/3	0MYD4	10	MYD4	005	5/1
0MYRDPH	0	MYRDPH	110	5/2										0ALTRD6	0	ALTRD6	250	5/3	0MYD5	10	MYD5	004	5/1
0MYRDPH	0	MYRDPH	110	5/2										0AS0000F	0	AS0000F	037	5/3	0MYD6	10	MYD6	003	5/1
0MYRDPH	0	MYRDPH	110	5/2										0C+CP04L	0T	+CURPR	112	5/1	0MYD7	10	MYD7	002	5/1
0MYRDPH	0	MYRDPH	110	5/2										0C-CP04L	0T	-CURPR	012	5/1	0MYD8	10	MYD8	102	5/2
0MYRDPH	0	MYRDPH	110	5/2										0CECNTRL	1	CECNTRL	047	5/2	0MYD9	10	MYD9	103	5/2
0MYRDPH	0	MYRDPH	110	5/2										0CEVCLRO	0	CEVCLRO	150	5/3	0MYSY8K	1	MYSY8K	055	5/5
0MYRDPH	0	MYRDPH	110	5/2										0CEVENRW	0	CEVENRW	151	5/3	0ODCTRC0	1	ODCTRC0	145	5/2
0MYRDPH	0	MYRDPH	110	5/2										0CLKSEL0	1	CLKSEL0	050	5/5	0RDCOEV	0	RDCOEV	133	5/2
0MYRDPH	0	MYRDPH	110	5/2										0CLKSEL1	1	CLKSEL1	049	5/5	0RDC000	0	RDC000	033	5/2
0MYRDPH	0	MYRDPH	110	5/2										0CLOCKERR0	0	CLOCKERR0	338	5/3	0RLCNTPY	0	RLCNTPY	236	5/3
0MYRDPH	0	MYRDPH	110	5/2										0CLR3ER0	1	CLR3ER0	144	5/2	0RLCNT3G	0	RLCNT3G	234	5/3
0MYRDPH	0	MYRDPH	110	5/2										0CDDCLRO	0	CDDCLRO	149	5/3	0RLCNT4	0	RLCNT4	233	5/3
0MYRDPH	0	MYRDPH	110	5/2										0CDDORW	0	CDDORW	148	5/3	0RLCNT5	0	RLCNT5	336	5/3
0MYRDPH	0	MYRDPH	110	5/2										0CTR1AD	1	CTR1AD	140	5/2	0RLCNT6	0	RLCNT6	335	5/3
0MYRDPH	0	MYRDPH	110	5/2										0CTR2AD	1	CTR2AD	139	5/2	0RLCNT7	0	RLCNT7	334	5/3
0MYRDPH	0	MYRDPH	110	5/2										0CTR3AD	1	CTR3AD	138	5/2	0RLCNT8	0	RLCNT8	333	5/3
0MYRDPH	0	MYRDPH	110	5/2										0CTR4AD	1	CTR4AD	137	5/2	0SERWRL	1	SERWRL	039	5/2
0MYRDPH	0	MYRDPH	110	5/2										0CTR5AD	1	CTR5AD	240	5/2	0SHS0R	1	SHS0R	045	5/2
0MYRDPH	0	MYRDPH	110	5/2										0CTR6AD	1	CTR6AD	239	5/2	0SHS1R	1	SHS1R	043	5/2
0MYRDPH	0	MYRDPH	110	5/2										0CTR7AD	1	CTR7AD	238	5/2	0TRANSAD	0	TRANSAD	352	5/3
0MYRDPH	0	MYRDPH	110	5/2										0CTR8AD	1	CTR8AD	237	5/2	0TSPY	1	TSPY	251	5/2
0MYRDPH	0	MYRDPH	110	5/2										0DIP000	0	DIP000	354	5/1	0T6MSSP0	1	T6MSSP0	040	5/5
0MYRDPH	0	MYRDPH	110	5/2										0DIPYEN0	0	DIPYEN0	340	5/1	0T8MA001	0	T8MA001	752	8/1
0MYRDPH	0	MYRDPH	110	5/2										0DUADD0	0	DUADD0	152	5/3	0T8MB001	0	T8MB001	255	7/1
0MYRDPH	0	MYRDPH	110	5/2										0EN1STCE	0	EN1STCE	155	5/3	0WRCTR0	0	WRCTR0	146	5/2
0MYRDPH	0	MYRDPH	110	5/2										0EN2NDCE	0	EN2NDCE	154	5/3	0Y30EC0	0	Y30EC0	142	5/3
0MYRDPH	0	MYRDPH	110	5/2										0EN3RDCE	0	EN3RDCE	153	5/3	0Y7DEC0	0	Y7DEC0	242	5/3
0MYRDPH	0	MYRDPH	110	5/2										0ERRCLK	1	ERRCLK	035	5/2	08KSON	0T	Y8KADU1	309	5/3
0MYRDPH	0	MYRDPH	110	5/2										0ERRDI0	0	ERRDI0	339	5/3					
0MYRDPH	0	MYRDPH	110	5/2										0ER3EN0	1	ER3EN0	143	5/2					
0MYRDPH	0	MYRDPH	110	5/2										0EVCTRC0	1	EVCTRC0	147	5/2					
0MYRDPH	0	MYRDPH	110	5/2										0HMCHR0	1	HMCHR0	123	5/3					
0MYRDPH	0	MYRDPH	110	5/2										0IERDIA	1	IERDIA	342	5/5					
0MYRDPH	0	MYRDPH	110	5/2										0IERDIB	1	IERDIB	341	5/5					
0MYRDPH	0	MYRDPH	110	5/2										0LCNTER0	1	LCNTER0	337	5/3					
0MYRDPH	0	MYRDPH	110	5/2										0LCNTRPY	1	LCNTRPY	020	5/2					

TIME SLOT INTERCHANGER UNIT, MODEL 2

DWG SIZE

ISSUE

PART OF FS 5
SYMBOL(S) 3 4

TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE A	ISSUE 9AC
AT&T BELL LABORATORIES		SD-5D045-01	
		B#5CD	

PART OF FS 5

TSI COMPLEX 0

SYMBOL NO. 4 (CONT)

TSI ALT-D HIGH MEMORY

SYMBOL NO. 5 (CONT)

TSI AND TIMING CIRCUIT

SYMBOL NO. 5 (CONT)

TSI AND TIMING CIRCUIT

SYMBOL NO. 5 (CONT)

TSI AND TIMING CIRCUIT

DESIG	EQPT	CODE	ELEM	OPT
TS10	LOC		IDENT	
	04-076	TN887	A	

DESIG	EQPT	CODE	ELEM	OPT
TS10	LOC		IDENT	
	04-084	TN866	A	

DESIG	EQPT	CODE	ELEM	OPT
TS10	LOC		IDENT	
	04-084	TN866	A	

DESIG	EQPT	CODE	ELEM	OPT
TS10	LOC		IDENT	
	04-084	TN866	A	

LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE
DESIG		MOD	OPT			
08KSOP	OT	SY8KADU0	209		5/3	
08KS1N	OT	SY8KBDU1	304		5/3	
08KS1P	OT	SY8KBDU0	204		5/3	
08MHOCK	I	CLK8MH0	052		1/1	
18MHOCK	I	CLK8MH1	054		3/1	

LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE
DESIG		MOD	OPT			
0ACC1G	O	ACC1G	013		5/4	
0ACC2F	O	ACC2F	014		5/4	
0ACC3E	O	ACC3E	015		5/4	
0ACC40	O	ACC40	117		5/4	
0ACC5C	O	ACC5C	113		5/4	
0ACC6B	O	ACC6B	114		5/4	
0ACC7A	O	ACC7A	115		5/4	
0ADLI0P	I	AODLI0P	351		1/1	
0ADLI0X	I	AODLI0X	348		1/1	
0ADLI0Y	I	AODLI0Y	349		1/1	
0ADLI0Z	I	AODLI0Z	350		1/1	
0ALTDAP	I	ALTDAP	315		5/3	
0ALTDAX	I	ALTDAX	312		5/3	
0ALTDAY	I	ALTDAY	313		5/3	
0ALTDZ	I	ALTDZ	314		5/3	
0ALTD8P	I	ALTD8P	215		5/3	
0ALTD8X	I	ALTD8X	212		5/3	
0ALTD8Y	I	ALTD8Y	213		5/3	
0ALTD8Z	I	ALTD8Z	214		5/3	
0ALTSLIA	I	ALTSLIA	256		5/1	
0ALTSLIB	I	ALTSLIB	256		5/1	
0ASELDL1	I	ASELDL1	347		5/2	
0AUTISEN	I	AUTISEN	008		5/3	
0AODI.0	I	AODI.0	311		5/1	
0BOLI0P	I	BOLI0P	251		1/1	
0BOLI0X	I	BOLI0X	248		1/1	
0BOLI0Y	I	BOLI0Y	249		1/1	
0BOLI0Z	I	BOLI0Z	250		1/1	
0BSELDL1	I	BSELDL1	247		5/2	
0BTTOP	O	BTTOP	217		5/1	
0BTT1G	O	BTT1G	218		5/1	
0BTT2F	O	BTT2F	219		5/1	
0BTT3E	O	BTT3E	220		5/1	
0BTT4D	O	BTT4D	317		5/1	
0BTT5C	O	BTT5C	318		5/1	
0BTT6B	O	BTT6B	319		5/1	
0BTT7A	O	BTT7A	320		5/1	
0BODI.0	I	BODI.0	306		5/1	
0C-CP04L	OT	-CURPR	112		5/1	
0CKTSCT0	I	CKTSCT.0	147		5/2	
0CLKSELO	O	CLKSELO	052		5/1, 5/2	
0CLKSEL1	O	CLKSEL1	051		5/1, 5/2	
0DIAALTS	I	DIAALTS	211		5/1	
0DIATAOP	I	PDIAO	310		8/1	
0DIATBOP	I	PDIBO	305		7/1	
0DIBALTS	I	DIBALTS	206		5/1	
0DIBTAOZ	I	ZDIAO	309		8/1	
0DIBTBOZ	I	ZDIBO	304		7/1	
0DICTADY	I	YDIAO	308		8/1	
0DICTBOY	I	YDIBO	303		7/1	
0DIDTAOX	I	XDIAO	307		8/1	
0DIDTBOX	I	XDIBO	302		7/1	
0DLISEL	I	DLISEL	033		5/2	
0ENEW	O	ENEW	140		5/2	
0IERDIA	O	IERRDIA	043		5/4	
0IERDIB	O	IERRDIB	042		5/4	

LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE
DESIG		MOD	OPT			
0IERDLIA	O	IERRDLIA	050		5/2	
0IERDLIB	O	IERRDLIB	049		5/2	
0INTRA	I	INTRA	035		5/2	
0LIAIP00	I	LIAIP00	150		5/2	
0LIBIP00	I	LIBIP00	149		5/2	
0LIDAP00	I	LIDAP00	346		5/2	
0LIOBP00	I	LIOBP00	246		5/2	
0LISE	O	LISE	135		5/4	
0MS32	O	MS32	120		5/1	
0MYSY8K	O	MYSY8K	055		5/1, 5/2	
0NEWA	I	NEWA	156		5/2	
0NEWB	I	NEWB	155		5/2	
0NEWC	I	NEWC	154		5/2	
0NEWO	I	NEWO	153		5/2	
0NEWPY3	I	NEWPY3	152		5/2	
0NON3SUB	O	NON3SUB	151		5/2	
0OERDLIA	O	OERRDLIA	045		5/2	
0OERDLIB	O	OERRDLIB	044		5/2	
0PERLOOP	I	PERLOOP	034		5/2	
0POPODD	I	SPOPODD	146		5/2	
0RRADAPY	I	RRADAPY	137		5/2	
0RVADD0	I	RVADD0	321		5/2	
0RVADD1	I	RVADD1	322		5/2	
0RVADD2	I	RVADD2	323		5/2	
0RVADD3	I	RVADD3	324		5/2	
0RVADD4	I	RVADD4	325		5/2	
0RVADD5	I	RVADD5	326		5/2	
0RVADD6	I	RVADD6	327		5/2	
0RVADD7	I	RVADD7	328		5/2	
0RVADD8	I	RVADD8	329		5/2	
0SY6MS00	I	SY6MS0	023		1/1	
0SY8KH00	I	SY8KH0	040		1/1	
0TRDADPY	I	TRDADPY	136		5/2	
0TSLAOP	O	TOLIAOP	341		1/1	
0TSLA0X	O	TOLIA0X	338		1/1	
0TSLA0Y	O	TOLIA0Y	339		1/1	
0TSLA0Z	O	TOLIA0Z	340		1/1	
0TSLA1P	O	TOLIA1P	345		3/1	
0TSLA1X	O	TOLIA1X	342		3/1	
0TSLA1Y	O	TOLIA1Y	343		3/1	
0TSLA1Z	O	TOLIA1Z	344		3/1	
0TSLIBOP	O	TOLIBOP	241		1/1	
0TSLIBOX	O	TOLIBOX	238		1/1	
0TSLIBY	O	TOLIBY	239		1/1	
0TSLIBZ	O	TOLIBZ	240		1/1	
0TSLIBP	O	TOLIBP	245		3/1	
0TSLIBX	O	TOLIBX	242		3/1	
0TSLIBY	O	TOLIBY	243		3/1	
0TSLIBZ	O	TOLIBZ	244		3/1	
0TSPSP	O	PTOSP	021		15/3	
0TSPXSP	O	XTOSP	018		15/3	
0TSPYSP	O	YTOSP	019		15/3	
0TSPZSP	O	ZTOSP	020		15/3	
0TSPYHR	I	TSPYHR	139		5/2	
0TSPYSP	O	TSPYSP	145		5/2	
0TTADD0	I	TTADD0	221		5/2	
0TTADD1	I	TTADD1	222		5/2	
0TTADD2	I	TTADD2	223		5/2	
0TTADD3	I	TTADD3	224		5/2	
0TTADD4	I	TTADD4	225		5/2	

LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE
DESIG		MOD	OPT			
0TTADD5	I	TTADD5	234		5/2	
0TTADD6	I	TTADD6	235		5/2	
0TTADD7	I	TTADD7	236		5/2	
0TTADD8	I	TTADD8	237		5/2	
0T2MHCI	O	CLK2MH	048		11/1, 12/1	
0T6MSSP0	O	SP6MS	118		5/4, 15/2	
0T8KADDI	O	DIAKAO	119		8/1	
0T8KBODI	O	DIAKBO	123		7/1	
0T8MHSP	O	SP8MH	046		15/2, 15/3	
08MHOCK	I	CLK8MH0	053		1/1	
1ADLI0P	I	A1DLIP	355		3/1	
1ADLI0X	I	A1DLIX	352		3/1	
1ADLI0Y	I	A1DLIY	353		3/1	
1ADLI0Z	I	A1DLIZ	354		3/1	
1ADLI0P	I	B1DLIP	255		3/1	
1BOLI0X	I	B1DLIX	252		3/1	
1BOLI0Y	I	B1DLIY	253		3/1	
1BOLI0Z	I	B1DLIZ	254		3/1	
1SY6MS00	I	SY6MS1	024		3/1	
1SY8KH00	I	SY8K1	041		3/1	
18MHOCK	I	CLK8MH1	054		3/1	

SYMBOL NO. 5

TSI AND TIMING CIRCUIT

DESIG	EQPT	CODE	ELEM	OPT
TS10	LOC		IDENT	
	04-084	TN866	A	

LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE
DESIG		MOD	OPT			
NC	O	DIAKV	010			
	I	XOIB	102			
	I	YOIB	103			
	I	ZOIB	104			
	I	PDIB	105			
	I	XDIA	107			
	I	YDIA	108			
	I	ZDIA	109			
	I	PDIA	110			
	I	INIT	138			
	I	1018P000	142			
	I	1018P000	143			

LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE
DESIG		MOD	OPT			
+5V04LC0	PWR	+5	000		5/1	
	PWR	+5	001		5/1	
	PWR	+5	100		5/1	

LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE
DESIG		MOD	OPT			
GRD04084	PWR	+5	101		5/1	
	GRD	GRD	004			
	GRD	GRD	006			

LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE
DESIG		MOD	OPT			
	GRD	GRD	009			
	GRD	GRD	011			
	GRD	GRD	022			

LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE
DESIG		MOD	OPT			
	GRD	GRD	032			
	GRD	GRD	036			
	GRD	GRD	039			

LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE
DESIG		MOD	OPT			
	GRD	GRD	047			
	GRD	GRD	056			
	GRD	GRD	141			

LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE
DESIG		MOD	OPT			
	GRD	GRD	141			
	GRD	GRD	148			
	GRD	GRD	200			

LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE
DESIG		MOD	OPT			
	GRD	GRD	201			
	GRD	GRD	216			
	GRD	GRD	232			

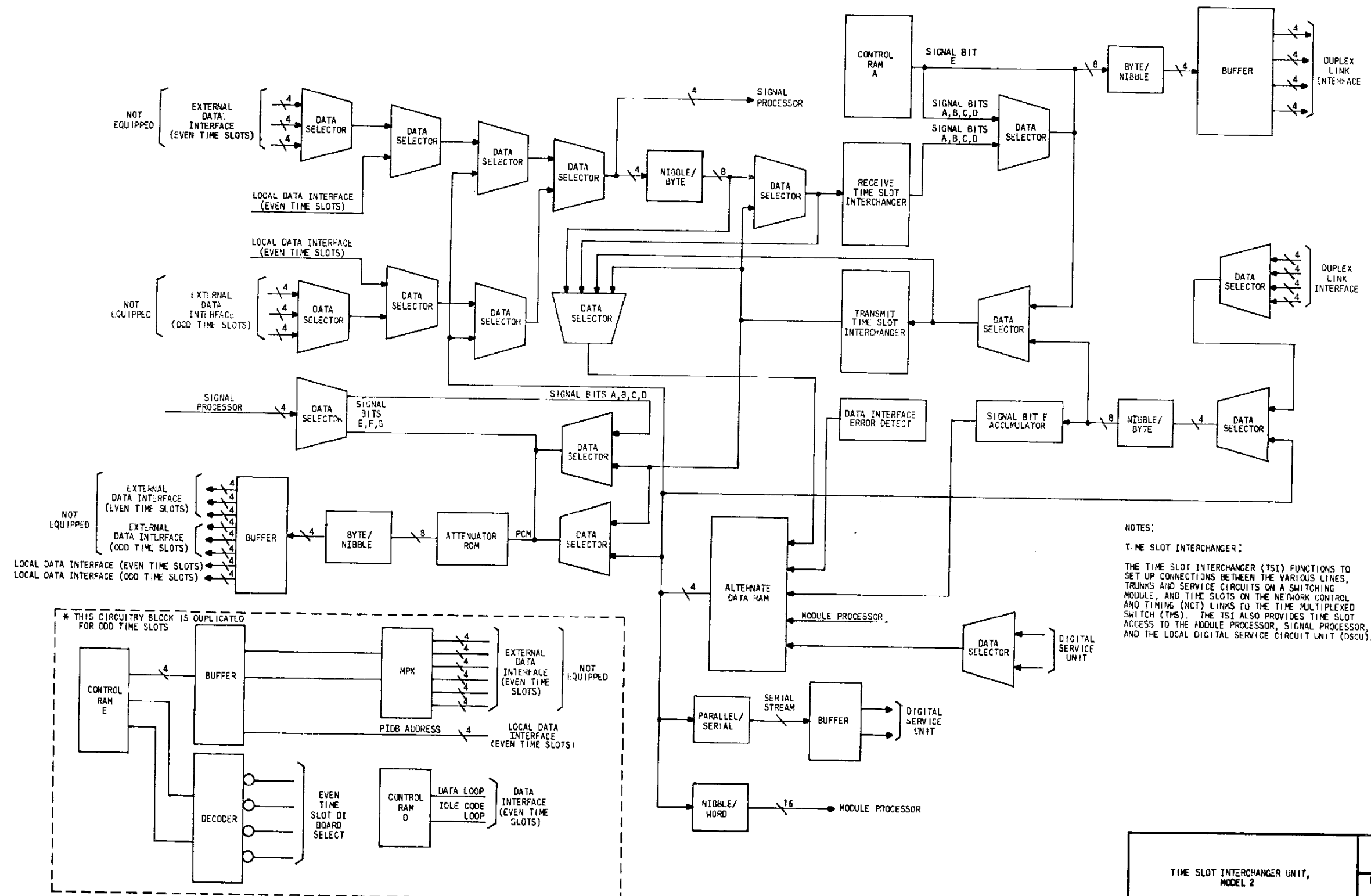
LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE
DESIG		MOD	OPT			
	GRD	GRD	300			
	GRD	GRD	301			
	GRD	GRD	332			

LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE
DESIG		MOD	OPT			
0ACCSELA	I	ACCSELA	116		5/2	
0ACCSELB	I	ACCSELB	016		5/2	
0ACCOP	O	ACCOP	017		5/4	

PART OF FS 5
SYMBOL(S) 4 5

TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE 12	ISSUE 9AC
AT&T BELL LABORATORIES		SD-5D045-01	
		B#5CE	

PART OF FS 5 TSI COMPLEX 0 COMPOSITE DIAGRAM 1

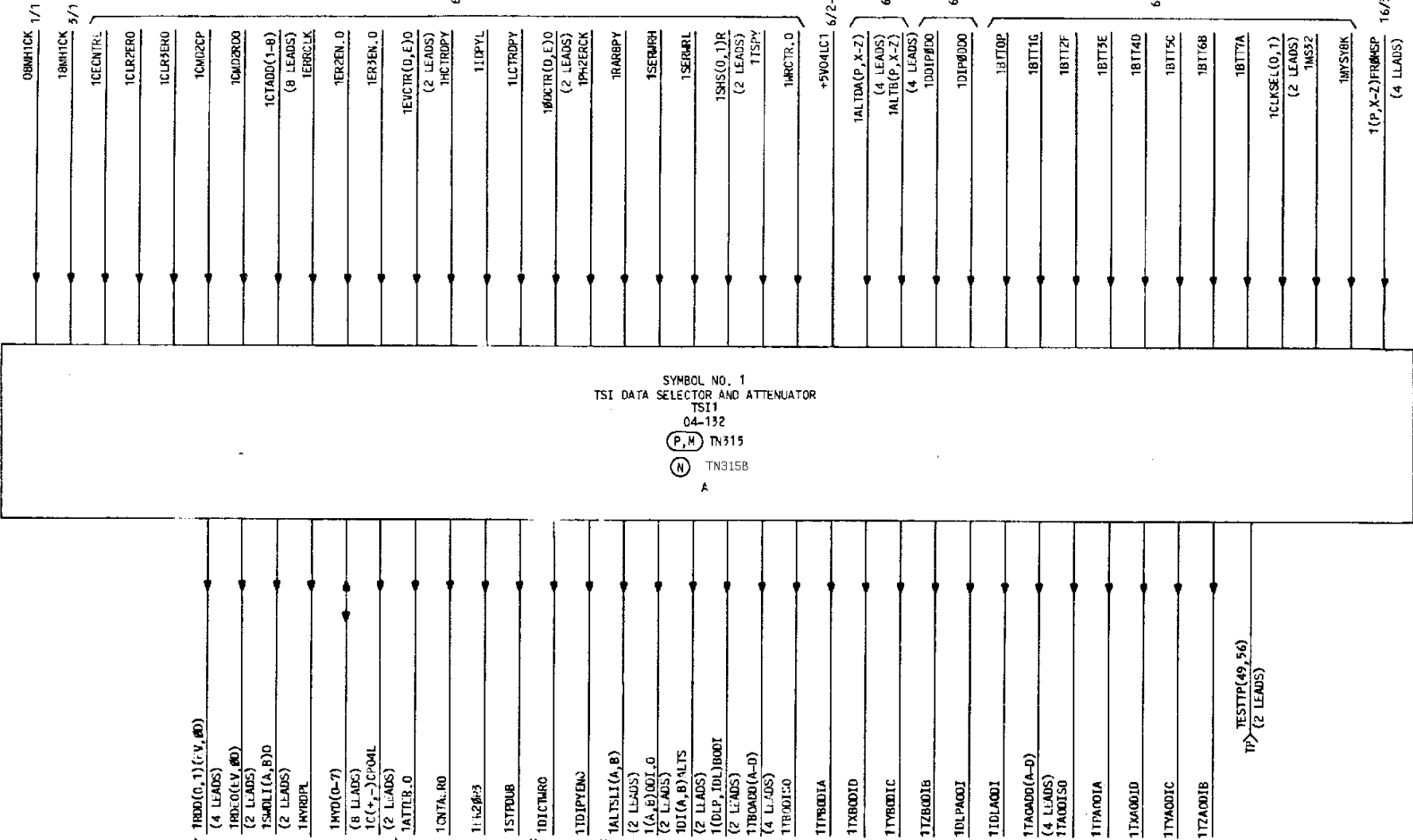


NOTES:
TIME SLOT INTERCHANGER:
THE TIME SLOT INTERCHANGER (TSI) FUNCTIONS TO SET UP CONNECTIONS BETWEEN THE VARIOUS LINES, TRUNKS AND SERVICE CIRCUITS ON A SWITCHING MODULE, AND TIME SLOTS ON THE NETWORK CONTROL AND TIMING (NCT) LINKS TO THE TIME MULTIPLEXED SWITCH (TMS). THE TSI ALSO PROVIDES TIME SLOT ACCESS TO THE MODULE PROCESSOR, SIGNAL PROCESSOR, AND THE LOCAL DIGITAL SERVICE CIRCUIT UNIT (DSCU).

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TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE 8 1/2	ISSUE 118
AT&T BELL LABORATORIES		SD-5D045-01	
		SHEET 8 OF 5 GA	

TSI COMPLEX 1
(P/O INTERCONNECTION & FLOW DIAGRAM)



SEE PROPRIETARY NOTICE ON COVER SHEET

TIME SLOT INTERCHANGER UNIT, MODEL 2			
		DWG SIZE 88	ISSUE 8D
AT&T BELL LABORATORIES	SD-5D045-01	SHEET B76AA	

PART OF FS 6
TSI COMPLEX 1
(P/O INTERCONNECTION & FLOW DIAGRAM)

TO
SWITCHING MODULE
PROCESSOR UNIT,
MODEL 2

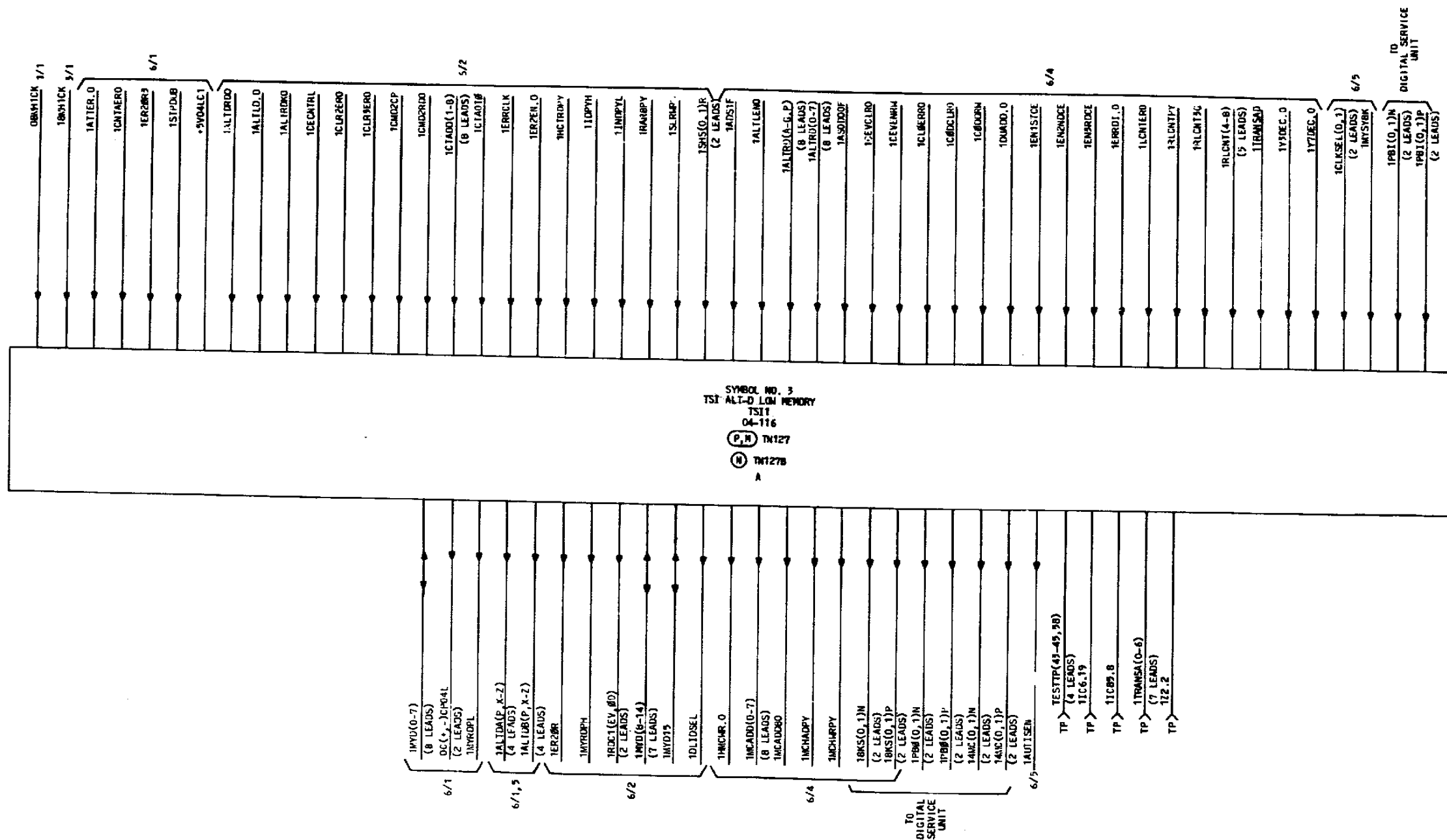
13/1, 14/1, 16/2

SYMBOL NO. 2
TSI CONTROL AND I/O
TS11
04-124
TN865
A

TO
SWITCHING MODULE
PROCESSOR UNIT,
MODEL 2

TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE 8 1/2	ISSUE 9AC
AT&T BELL LABORATORIES	SD-50045-01	SHEET B-16A-B	

TSI COMPLEX 1
(P/O INTERCONNECTION & FLOW DIAGRAM)



SEE PROPRIETARY NOTICE ON COVER SHEET

TIME SLOT INTERCHANGER UNIT,
MODEL 2

LINE SIZE
22

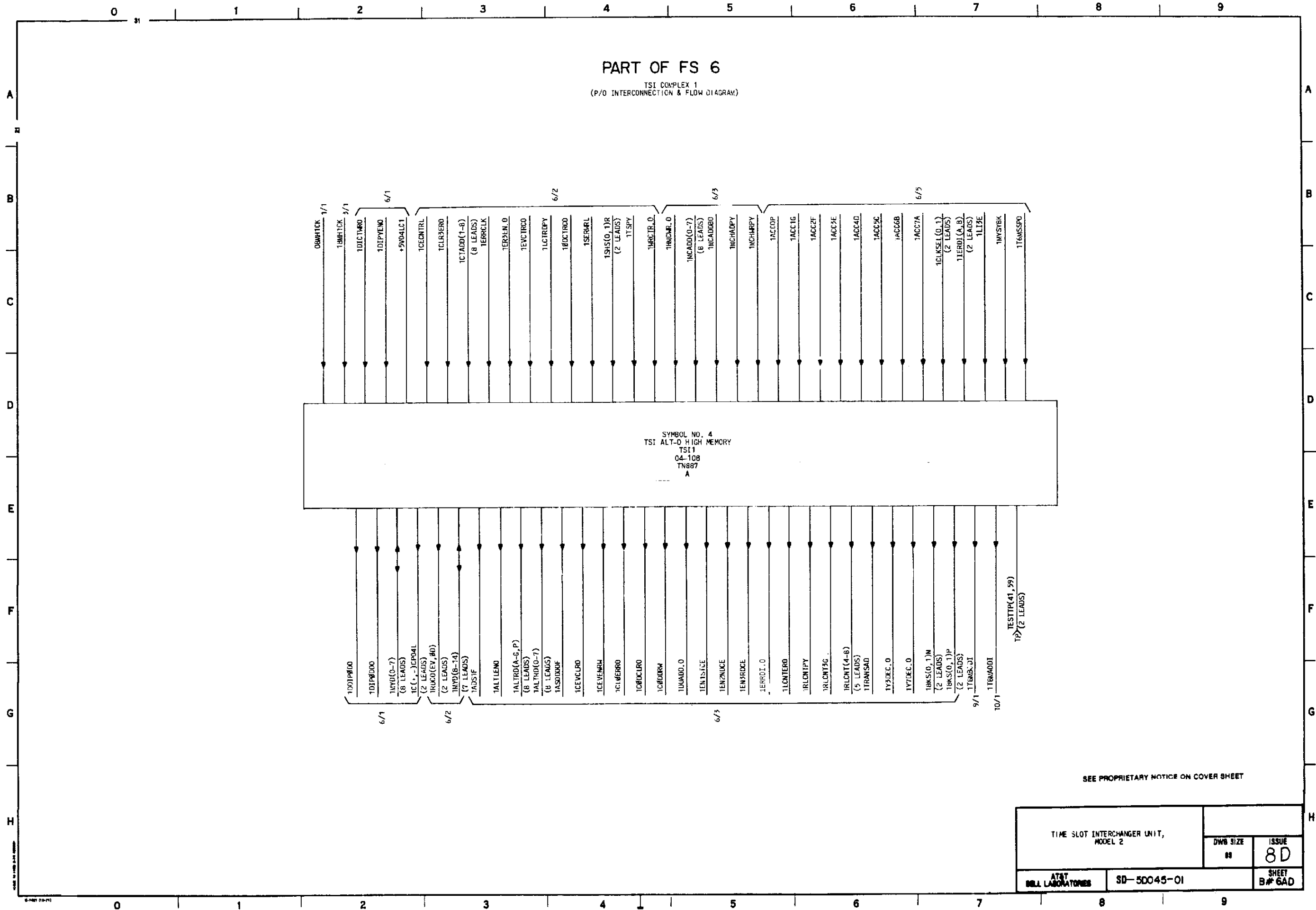
ISSUE
80

**STAT
WILL LABORATORIES**

SO-5D045-01

**SWEET
B-F-BAC**

STAYING ON TOP



TSI COMPLEX 1
(P/O INTERCONNECTION & FLOW DIAGRAM)

SYMBOL NO. 5
TSI AND TIMING CIRCUIT
TSI1
04-100
TN866
A

TIME SLOT INTERCHANGER UNIT,
MODEL 2

DWG SIZE
48

ISSUE
1

BELL LABORATORIES

SD-5D045-01

SHEET
B# 6AE

PART OF FS 6 TSI COMPLEX 1

SYMBOL NO. 1

TSI DATA SELECTOR AND ATTENUATOR

SYMBOL NO. 1 (CONT)

TSI DATA SELECTOR AND ATTENUATOR

SYMBOL NO. 1 (CONT)

TSI DATA SELECTOR AND ATTENUATOR

SYMBOL NO. 1 (CONT)

TSI DATA SELECTOR AND ATTENUATOR

DESIG	EOPT LOC	CODE	ELEN IDENT	OPT
TS11	04-132	TN315	A	(P,M)
TS11	04-132	TN315B	A	(N)

DESIG	EOPT LOC	CODE	ELEN IDENT	OPT
TS11	04-132	TN315	A	(P,M)
TS11	04-132	TN315B	A	(N)

DESIG	EOPT LOC	CODE	ELEN IDENT	OPT
TS11	04-132	TN315	A	(P,M)
TS11	04-132	TN315B	A	(N)

DESIG	EOPT LOC	CODE	ELEN IDENT	OPT
TS11	04-132	TN315	A	(P,M)
TS11	04-132	TN315B	A	(N)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
NE	(P)0	BSA3D1.0	016		
(MSN)1	CTR2CE.0				
(P)0	BSB3D1.0	017			
(MSN)1	CTR2CE.0				
(P)0	IOLED1B	102			
(MSN)1	CTR2CE.0				
(P)0	IOLED1A	103			
(MSN)1	CTR2CE.0				
(P)0	DLPD1B	104			
(MSN)1	CTR2CE.0				
(P)0	DLPD1A	105			
(MSN)1	CTR2CE.0				
(P)0	SOAEXD1	107			
(MSN)1	CTR2CE.0				
(P)0	S1AEXD1	108			
(MSN)1	CTR2CE.0				
(P)0	SOBEXD1	109			
(MSN)1	CTR2CE.0				
(P)0	S1BEXD1	110			
(MSN)1	CTR2CE.0				
(P)0	BSAZD1.0	116			
(MSN)1	CTR2CE.0				
(P)0	BSBZD1.0	117			
(MSN)1	CTR2CE.0				
(P)0	BADDEXD1	202			
(MSN)1	CTR2CE.0				
(P)0	BADCEXD1	203			
(MSN)1	CTR2CE.0				
(P)0	BADBEXD1	204			
(MSN)1	CTR2CE.0				
(P)0	BADAEXD1	205			
(MSN)1	CTR2CE.0				
(P)0	AADDEXD1	207			
(MSN)1	CTR2CE.0				
(P)0	AADCEXD1	208			
(MSN)1	CTR2CE.0				
(P)0	AADBEXD1	209			
(MSN)1	CTR2CE.0				
(P)0	AADAEXD1	210			
(MSN)1	CTR2CE.0				
(P)0	TXBEXD1	212			
(MSN)1	CTR2CE.0				
(P)0	TYBEXD1	213			
(MSN)1	CTR2CE.0				
(P)0	TZBEXD1	214			
(MSN)1	CTR2CE.0				
(P)0	TPBEXD1	215			
(MSN)1	CTR2CE.0				
(P)0	BSA1D1.0	216			
(MSN)1	CTR2CE.0				
(P)0	BSB1D1.0	217			
(MSN)1	CTR2CE.0				
(P)0	TXAEXD1	218			
(MSN)1	CTR2CE.0				
(P)0	TYAEXD1	219			
(MSN)1	CTR2CE.0				
(P)0	TZAEXD1	220			
(MSN)1	CTR2CE.0				
(P)0	TPAEXD1	221			
(MSN)1	CTR2CE.0				

DESIG	EOPT LOC	CODE	ELEN IDENT	OPT
+SV04LC1	PMR +5	000	6/1	
	PMR +5	001	6/1	
	PMR +5	100	6/1	
	PMR +5	101	6/2,6/3	
			6/4,6/5	
			13/1,14/1	
			16/1,16/2	
			16/3	

DESIG	EOPT LOC	CODE	ELEN IDENT	OPT
GRD04132	GRD GRD	006 022		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	036		
	GRD	GRD	038		
	GRD	GRD	042		
	GRD	GRD	044		
	GRD	GRD	046		
	GRD	GRD	048		
	GRD	GRD	051		
	GRD	GRD	053		
	GRD	GRD	056		
	GRD	GRD	106		
	GRD	GRD	111		
	GRD	GRD	121		
	GRD	GRD	136		
	GRD	GRD	156		
	GRD	GRD	200		
	GRD	GRD	201		
	GRD	GRD	206		
	GRD	GRD	211		
	GRD	GRD	300		
	GRD	GRD	301		
	GRD	GRD	306		
	GRD	GRD	311		
	GRD	GRD	322		
TESTTP49	(P,M)TP	IC421	150		
	(N)TP	IC42.1			
TESTTP56	TP	TESTINIT	141		
08PM1CK	I	CLK8MM	052		
1ALTDAP	I	ALTDAP	337		
1ALTDAX	I	ALTDAX	340		
1ALTDAY	I	ALTDAY	339		
1ALTDAX	I	ALTDAX	338		
1ALTDAP	I	ALTDAP	333		
1ALTDAX	I	ALTDAX	336		
1ALTDAY	I	ALTDAY	335		
1ALTDAP	I	ALTDAP	334		
1ALTDAX	I	ALTDAX	035		
1ALTDAY	I	ALTDAY	034		
1ATERR.0	0	ATERR.0	233		
1AOD1.0	0	AOD1.0	113		
1BTTOP	I	BTTOP	252		
1BTT1G	I	BTT1G	253		
1BTT2F	I	BTT2F	254		
1BTT3E	I	BTT3E	255		
1BTT4D	I	BTT4D	352		
1BTT5C	I	BTT5C	353		
1BTT6B	I	BTT6B	354		
1BTT7A	I	BTT7A	355		
1BOD1.0	0	BOD1.0	114		
1C-CP04L	OT	+CURPR	112		
1C-CP04L	OT	-CURPR	012		
1CECNTRL	(P,M)I	CECNTRL	047		
	(N)I	LTR2CE.0			
1CLKSEL0	I	CLKSEL0	050		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
1CLKSEL1	I	CLKSEL1	049		
1CLKZER0	I	CLKZER.0	224		
1CLKSER0	I	CLKSER.0	248		
1CMD2CP	I	CMD2CP	341		
1CMD2RD0	I	CMD2RD.0	241		
1CNTAER0	0	CNTAER.0	350		
1CTA0D1	I	CTR1AD	140		
1CTA0D2	I	CTR2AD	139		
1CTA0D3	I	CTR3AD	138		
1CTA0D4	I	CTR4AD	137		
1CTA0D5	I	CTR5AD	240		
1CTA0D6	I	CTR6AD	239		
1CTA0D7	I	CTR7AD	238		
1CTA0D8	I	CTR8AD	237		
1DIP0D0	I	DIP0D.0	222		
1DIAALTS	0	DIAALTS	247		
1DIBALTS	0	DIBALTS	147		
1DICTMR0	0	DICTMR.0	041		
1DIP0D0	I	DIP0D.0	151		
1DIPYEN0	I	DIPYEN	133		
1DLPAD01	0	DLPAD01	343		
1DLPB001	0	DLPB001	342		
1ERRCLK	I	ERRCLK	246		
1ERZEN.0	I	ERZEN.0	232		
1ERZ0R3	0	ERZ0R3	251		
1ERSEN.0	I	ERSEN.0	148		
1EVCTRD0	I	EVCTRD0	145		
1EVCTRE0	I	EVCTRE0	143		
1HCTRDY0	I	HCTRDY0	020		
1IDLAD01	0	IDLAD01	345		
1IDL0001	0	IDL0001	344		
1IDPYL	I	IDPYL	245		
1LCTRDY0	I	LCTRDY0	021		
1MS32	I	MS32	120		
1MYD0	10	MYD0	010		
1MYD1	10	MYD1	009		
1MYD2	10	MYD2	008		
1MYD3	10	MYD3	007		
1MYD4	10	MYD4	005		
1MYD5	10	MYD5	004		
1MYD6	10	MYD6	003		
1MYD7	10	MYD7	002		
1MYRDPL	OT	MYRDPL	242		
1MYSYBK	I	MYSYBK	055		
1ODCTRD0	I	ODCTRD0	144		
1ODCTRE0	I	ODCTRE0	142		
1PFRONSP	I	PFRONSP	152		
1PHZERCK	I	PHZERCK	256		
1RARBPY	I	RARBPY	040		
1RDD0EV	0	RDD0EV	349		
1RDD0D0	0	RDD0D0	348		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
1RDD1EV	0	RDD1EV	236		
1RDD1D0	0	RDD1D0	235		
1RDE0EV	0	RDE0EV	347		
1RDE0D0	0	RDE0D0	234		
1SERMRH	I	SERMRH	037		
1SERMRL	I	SERMRL	039		
1SHSOR	I	SHSOR	045		
1SHSTR	I	SHSTR	043		
1STPDUB	0	STPDUB	014		
1SMDL1AD	0	SMDL1AD	244		
1SMDL1BD	0	SMDL1BD	243		
1TA0AD0A	0	TA0AD0A	310		
1TA0AD0B	0	TA0AD0B	309		
1TA0AD0C	0	TA0AD0C	308		
1TA0AD0D	0	TA0AD0D	307		
1TA0D1S0	0	TA0D1S0	316		
1TB0AD0A	0	TB0AD0A	305		
1TB0AD0B	0	TB0AD0B	304		
1TB0AD0C	0	TB0AD0C	303		
1TB0AD0D	0	TB0AD0D	302		
1TB0D1S0	0	TB0D1S0	317		
1TPAD01A	0	TPAD01A	321		
1TPB0D1A	0	TPB0D1A	315		
1TSPY	I	TSPY	250		
1TXA0D1D	0	TXA0D1D	318		
1TXB0D1D	0	TXB0D1D	312		
1TYA0D1C	0	TYA0D1C	319		
1TYB0D1C	0	TYB0D1C	313		
1TZ0D1B	0	TZ0D1B	320		
1ZB0D1B	0	ZB0D1B	314		
1MRCTR.0	I	MRCTR.0	146		
1XFRONSP	I	XFRONSP	155		
1YFRONSP	I	YFRONSP	154		
1ZFRONSP	I	ZFRONSP	153		
18PM1CK	I	CLK8MM	054		

PART OF FS 6
SYMBOL(S) 1

TIME SLOT INTERCHANGER UNIT, MODEL 2		ENG SIZE 12	ISSUE 9AC
AT&T BELL LABORATORIES		SD-5D045-01	
		B76CA	

PART OF FS 6 TSI COMPLEX 1

SYMBOL NO. 2
TSI CONTROL AND IO

SYMBOL NO. 2 (CONT)
TSI CONTROL AND IO

SYMBOL NO. 2 (CONT)
TSI CONTROL AND IO

SYMBOL NO. 2 (CONT)
TSI CONTROL AND IO

DESIG TS11	EOPT LOC 04-124	CODE TN865	ELEM IDENT A	OPT		
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	
NC	0	INDPYH	211			
	0	CHKBB.0	244			
	0	CTIOAO	343			
+5V04LC1	I	INIT	249			
	PWR	+5	000	6/1		
	PWR	+5	001	6/1		
GR004124	PWR	+5	100	6/1		
	GRD	GRD	101	6/1		
	GRD	GRD	015			
	GRD	GRD	022			
	GRD	GRD	032			
	GRD	GRD	036			
	GRD	GRD	039			
	GRD	GRD	056			
	GRD	GRD	138			
	GRD	GRD	145			
	GRD	GRD	148			
	GRD	GRD	200			
	GRD	GRD	201			
	GRD	GRD	212			
				TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
	GRD	GRD	232			
	GRD	GRD	238			
	GRD	GRD	256			
	GRD	GRD	300			
	GRD	GRD	301			
	GRD	GRD	307			
	GRD	GRD	320			
	GRD	GRD	332			
	GRD	GRD	338			
	GRD	GRD	345			
08MH1CK	I	CLK&MHO	053	1/1		
1ACCELA	0	ACCSELA	134	6/5		
1ACCELB	0	ACCSELB	135	6/5		
1ALTORD0	0	ALTORD.0	141	6/3		
1ALTLD.0	0	ALTLO.0	142	6/3		
1ALTROK0	0	ALTROK.0	147	6/3		
1ASELDLI	0	ASELDLI	347	6/5		
1BSELDLI	0	BSELDLI	247	6/5		
1C-CP04L	OT	+CURPR	112	6/1		
1C-CP04L	OT	-CURPR	012	6/1		
1CECNTRL	0	CECNTRL	023	6/1,6/3		
1CKTSCT0	0	CKTSCT.0	243	6/5		
1CLKSELO	I	CLKSELO	052	6/5		
1CLKSEL1	I	CLKSEL1	051	6/5		
1CLRZER0	0	CLRZER.0	041	6/1,6/3		
1CLR3ER0	0	CLR3ER.0	144	6/1,6/3		
1CND2CP	0	CND2CP	019	6/1,6/3		
1CND2RDO	0	CND2RDO.0	018	6/1,6/3		
1CTADD1	0	CTR1AD	239	6/1,6/3		
1CTADD2	0	CTR2AD	240	6/1,6/3		
1CTADD3	0	CTR3AD	241	6/1,6/3		
1CTADD4	0	CTR4AD	242	6/1,6/3		
1CTADD5	0	CTR5AD	339	6/1,6/3		
1CTADD6	0	CTR6AD	340	6/1,6/3		
				6/4		

PART OF FS 6
SYMBOL(S) 2

TIME SLOT INTERCHANGER UNIT, MODEL 2		CHG SIZE 02	ISSUE 9AC
AT&T BELL LABORATORIES		SD-5D045-01	
		B*6CB	

PART OF FS 6

TSI COMPLEX 1

SYMBOL NO. 2 (CONT)

TSI CONTROL AND IO

SYMBOL NO. 2 (CONT)

TSI CONTROL AND IO

SYMBOL NO. 3 (CONT)

TSI ALT-D LOW MEMORY

SYMBOL NO. 3 (CONT)

TSI ALT-D LOW MEMORY

DESIG EOPT CODE ELEM OPT
TS11 04-124 TN865 A

DESIG EOPT CODE ELEM OPT
TS11 04-124 TN865 A

DESIG EOPT CODE ELEM OPT
TS11 04-116 TN127 A (P,M)
04-116 TN127B (N)

DESIG EOPT CODE ELEM OPT
TS11 04-116 TN127 A (P,M)
04-116 TN127B (N)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1SU03	10	1003	106		MODULE PROCESSOR UNIT, MODEL 2 13/1,14/1 16/2 TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1SU04	10	1004	105		13/1,14/1 16/2 TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1SU05	10	1005	104		13/1,14/1 16/2 TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1SU06	10	1006	103		13/1,14/1 16/2 TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1SU07	10	1007	102		13/1,14/1 16/2 TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1SU08	10	1008	120		13/1,14/1 16/2 TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1SU09	10	1009	119		13/1,14/1 16/2 TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1SU00	I	1000	009		13/1,14/1 16/2 TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1SU0R0	I	100R0	010		13/1,14/1 16/2 TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1SU0ERR0	O	TS1INT.0	014		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1SU0S0	I	TS1BS.0	011		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1SU0WTO	O	TS1RDY	013		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1SWDLIAD	I	SWDLIAD	348		6/1	
1SWDLIBD	I	SWDLIBD	248		6/1	
1TRDADPY	O	TRDADPY	136		6/5	
1TSPY	O	TSPY	250		6/1,6/4	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1TSPYHR	O	TSPYHR	139		6/5	
1TS108PY	I	TS108PY	047		6/5	
1TTADD0	O	TTADD0	221		6/5	
1TTADD01	O	TTADD01	222		6/5	
1TTADD02	O	TTADD02	223		6/5	
1TTADD03	O	TTADD03	224		6/5	
1TTADD04	O	TTADD04	233		6/5	
1TTADD05	O	TTADD05	234		6/5	
1TTADD06	O	TTADD06	235		6/5	
1TTADD07	O	TTADD07	236		6/5	
1TTADD08	O	TTADD08	237		6/5	
1WRCTR.0	I	CTHRI10	349		6/2	
18MH1CK	O	WRITCT.0	350		6/1,6/4	
	I	CLK8MH1	054		3/1	

SYMBOL NO. 3

TSI ALT-D LOW MEMORY

DESIG EOPT CODE ELEM OPT
TS11 04-116 TN127 A (P,M)
TS11 04-116 TN127B (N)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	(P)I (M)N)TP	PHZERCK ZZA.2	255			
+5V04LC1	PHR +3 PHR +5	000 001			6/1 6/1	
	PHR +5 PHR +5	100 101			6/1 6/1	
GRD04116	GRD GRD GRD	GRD GRD GRD	015 018 023 034			
	GRD GRD GRD	GRD GRD GRD	036 038 042			
	GRD GRD GRD	GRD GRD GRD	044 046 048			
	GRD GRD GRD	GRD GRD GRD	051 053 056			
	GRD GRD GRD	GRD GRD GRD	115 118 141			
	GRD GRD GRD	GRD GRD GRD	156 200 201			
	GRD GRD GRD	GRD GRD GRD	212 215 218			
	GRD GRD GRD	GRD GRD GRD	241 256 300			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD GRD GRD	GRD GRD GRD	301 312 315			
	GRD GRD GRD	GRD GRD GRD	318 351 356			
TESTTP43	(P,M)P (N)P	IC4512 IC55.12	354			
TESTTP44	(P,M)P (N)TP	IC704 IC55.6	285			
TESTTP45	(P,M)TP (N)TP	IC501 IC70.1	292			
TESTTP58	TP	INIT	024			
08MH1CK	I	CLK8MH0	052		1/1	
1ADS1F	I	ADS1F	022		6/4	
1ALTDAP	O	ALTDAP	317		6/1,6/5	
1ALTDAX	O	ALTDAX	313		6/1,6/5	
1ALTDAY	O	ALTDAY	314		6/1,6/5	
1ALTDZ	O	ALTDZ	316		6/1,6/5	
1ALTD8P	O	ALTD8P	217		6/1,6/5	
1ALTD8X	O	ALTD8X	213		6/1,6/5	
1ALTD8Y	O	ALTD8Y	214		6/1,6/5	
1ALTD8Z	O	ALTD8Z	216		6/1,6/5	
1ALTD80	I	ALTD8.0	146		6/2	
1ALTLD.0	I	ALTLD.0	145		6/2	
1ALTLENO	I	ALTLEN.0	124		6/4	
1ALTROA	I	ALTROA	343		6/4	
1ALTROB	I	ALTROB	344		6/4	
1ALTROD	I	ALTROD	345		6/4	
1ALTRO0	I	ALTRO0	346		6/4	
1ALTROE	I	ALTROE	347		6/4	
1ALTROF	I	ALTROF	348		6/4	
1ALTROG	I	ALTROG	349		6/4	
1ALTROK0	I	ALTROK.0	147		6/2	
1ALTROD	I	ALTROD	350		6/4	
1ALTRO0	I	ALTRO0	243		6/4	
1ALTRO1	I	ALTRO1	244		6/4	
1ALTRO2	I	ALTRO2	245		6/4	
1ALTRO3	I	ALTRO3	246		6/4	
1ALTRO4	I	ALTRO4	247		6/4	
1ALTRO5	I	ALTRO5	248		6/4	
1ALTRO6	I	ALTRO6	249		6/4	
1ALTRO7	I	ALTRO7	250		6/4	
1AS0000F	I	AS0000F	037		6/4	
1ATTERR.0	I	ATTERR.0	341		6/1	
1AUTISEN	O	AUTISEN	111		6/5	
1C-CP04L	OT	-CURPR	112		6/1	
1C-CP04L	OT	-CURPR	012		6/1	
1CECNTRL	I	CECNTRL	047		6/2	
1CEVCLRO	I	CEVCLR.0	150		6/4	
1CEVENRW	I	CEVENRW	151		6/4	
1CLKSEL0	I	CLKSEL0	050		6/5	
1CLKSEL1	I	CLKSEL1	049		6/5	
1CLOERR0	I	CLOERR.0	338		6/4	
1CLRZER0	I	CLRZER.0	041		6/2	
1CLR3ER0	I	CLR3ER.0	144		6/2	
1CMD2CP	I	CMD2CP	016		6/2	
1CMD2RO0	I	CMD2RO.0	013		6/2	
1CNIAERO	I	CNTAER.0	353		6/1	
1CDDCLRO	I	CODECL.0	149		6/4	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1C00DRW	I	C00DRW	148		6/4	
1CTAD01	I	CTR1AD	140		6/2	
1CTAD02	I	CTR2AD	139		6/2	
1CTAD03	I	CTR3AD	138		6/2	
1CTAD04	I	CTR4AD	137		6/2	
1CTAD05	I	CTR5AD	240		6/2	
1CTAD06	I	CTR6AD	239		6/2	
1CTAD07	I	CTR7AD	238		6/2	
1CTAD08	I	CTR8AD	237		6/2	
1CTA010	O	CTA010	134		6/2	
1DLIOSEL	O	DLIOSEL	311		6/2	
1DUADD.0	I	DUADD.0	152		6/4	
1EN1STCE	I	EN1STCE	155		6/4	
1EN2NDCE	I	EN2NDCE	154		6/4	
1EN3RDCE	I	EN3RDCE	153		6/4	
1ERRCLK	I	ERRCLK	035		6/2	
1ERRDI.0	I	ERRDI.0	339		6/4	
1ERZEN.0	I	ERZEN.0	040		6/2	
1ERZOR	O	ERZOR	143		6/2	
1ERZOR3	I	ERZOR3	251		6/1	
1HCTROPY	I	HCTROPY	020		6/2	
1HMCWR.0	O	HMCWR.0	135		6/4	
1IC6.19	TP	IC6.19	114			
1IC65.8	(N)TP	IC65.8	113			
1IDPHY	I	IDPHY	019		6/2	
1INDPYL	I	INDPYL	119		6/2	
1LCNTER0	I	LCNTER.0	337		6/4	
1MCADD0	O	MCADD0	224		6/4	
1MCADD1	O	MCADD1	223		6/4	
1MCADD2	O	MCADD2	222		6/4	
1MCADD3	O	MCADD3	221		6/4	
1MCADD4	O	MCADD4	324		6/4	
1MCADD5	O	MCADD5	323		6/4	
1MCADD6	O	MCADD6	322		6/4	
1MCADD7	O	MCADD7	321		6/4	
1MCADD80	O	MCADD8.0	136		6/4	
1MCHADPY	O	MCHADPY	320		6/4	
1MCHWRPY	O	MCHWRPY	220		6/4	
1MYD0	IO	MYD0	009		6/1	
1MYD1	IO	MYD1	008		6/1	
1MYD10	IO	MYD10	104		6/2	
1MYD11	IO	MYD11	105		6/2	
1MYD12	IO	MYD12	106		6/2	
1MYD13	IO	MYD13	107		6/2	
1MYD14	IO	MYD14	108		6/2	
1MYD15	IO	MYD15	109		6/2	
1MYD2	IO	MYD2	007		6/1	
1MYD3	IO	MYD3	006		6/1	
1MYD4	IO	MYD4	005		6/1	

PART OF FS 6
SYMBOL(S) 2 3

TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE C	ISSUE 9AC
AT&T BELL LABORATORIES		SD-50045-01	
		B#6CC	

PART OF FS 6
TSI COMPLEX 1

SYMBOL NO. 3 (CONT)
TSI ALT-D LOW MEMORY

SYMBOL NO. 3 (CONT)
TSI ALT-D LOW MEMORY

SYMBOL NO. 4 (CONT)
TSI ALT-D HIGH MEMORY

SYMBOL NO. 4 (CONT)
TSI ALT-D HIGH MEMORY

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
TS11	04-116	TN127	A	(P,M)
TS11	04-116	TN127B	A	(N)

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
TS11	04-116	TN127	A	(P,M)
TS11	04-116	TN127B	A	(N)

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
TS11	04-108	TN887	A	

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
TS11	04-108	TN887	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
1MYD5	IO	MYD5	004	6/1	
1MYD6	IO	MYD6	003	6/1	
1MYD7	IO	MYD7	002	6/1	
1MYD8	IO	MYD8	102	6/2	
1MYD9	IO	MYD9	103	6/2	
1MYRDPH	O	MYRDPH	110	6/2	
1MYRDP	OT	MYRDP	010	6/1	
1MYSY&K	I	MYSY&K	055	6/5	
1PB10N	I	DUA1NV	308	TO DIGITAL SERVICE UNIT	
1PB10P	I	DUA1N	208	TO DIGITAL SERVICE UNIT	
1PB11N	I	DUB1NV	303	TO DIGITAL SERVICE UNIT	
1PB11P	I	DUB1N	203	TO DIGITAL SERVICE UNIT	
1PB00N	O	DUCUTA.0	307	TO DIGITAL SERVICE UNIT	
1PB00P	O	DUCUTA	207	TO DIGITAL SERVICE UNIT	
1PB01N	O	DUCUTB.0	302	TO DIGITAL SERVICE UNIT	
1PB01P	O	DUCUTB	202	TO DIGITAL SERVICE UNIT	
1RAR&PY	I	RAR&PY	340	6/2	
1RDC1EV	O	RDC1EV	133	6/2	
1RDC100	O	RDC100	033	6/2	
1RLCNTPY	I	RLCNTPY	236	6/4	
1RLCNT3G	I	RLCNT3G	234	6/4	
1RLCNT4	I	RLCNT4	233	6/4	
1RLCNT5	I	RLCNT5	336	6/4	
1RLCNT6	I	RLCNT6	335	6/4	
1RLCNT7	I	RLCNT7	334	6/4	
1RLCNT8	I	RLCNT8	333	6/4	
1SERHRH	I	SERHRH	039	6/2	
1SHSOR	I	SHSOR	045	6/2	
1SHS1R	I	SHS1R	043	6/2	
1STPDUB	I	STPDUERB	017	6/1	
1TRANSAD	I	TRANSAD	352	6/4	
1TRANSAD	TP	TRANSAD	132		
1TRANSAD1	TP	TRANSAD1	123		
1TRANSAD2	TP	TRANSAD2	122		
1TRANSAD3	TP	TRANSAD3	121		
1TRANSAD4	TP	TRANSAD4	120		
1TRANSAD5	TP	TRANSAD5	117		
1TRANSAD6	TP	TRANSAD6	116		
1Y3DEC.0	I	Y3DEC.0	142	6/4	
1Y7DEC.0	I	Y7DEC.0	242	6/4	
1Z2.2	(P,M)TP (N)TP	Z2.2	014		
1Z2.2	(P,M)TP (N)TP	Z2A.2			
14MCON	O	DUACLK.0	310	TO DIGITAL SERVICE UNIT	
14MCOP	O	DUACLK	210	TO DIGITAL SERVICE UNIT	
14MC1N	O	DUBCLK.0	305	TO DIGITAL SERVICE UNIT	
14IC1P	O	DUBCLK	205	TO DIGITAL SERVICE UNIT	
18KSON	(P,M)OT (N)	RESRVPON RSRVPON	309	6/4 TO DIGITAL SERVICE UNIT	
18KSP	(P,M)OT (N)	RESRVPOP RSRVPOP	209	6/4 TO DIGITAL SERVICE UNIT	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
18KS1N	(P,M)OT (N)	RESRVP1N RSRVP1N	304	6/4 TO DIGITAL SERVICE UNIT	
18KS1P	(P,M)OT (N)	RESRVP1P RSRVP1P	204	6/4 TO DIGITAL SERVICE UNIT	
18MH1CK	I	CLK8MH1	034	3/1	
SYMBOL NO. 4 TSI ALT-D HIGH MEMORY					
DESIG	EOP LOC	CODE	ELEM IDENT	OPT	
TS11	04-108	TN887	A		
SYMBOL NO. 4 TSI ALT-D HIGH MEMORY					
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
NC	O	ADS1FV	021	6/1	
+SV04LC1	PWR PWR	+5 +5	000 001	6/1	
GRD04108	PWR GRD	+5 GRD	100 015	6/1	
	GRD	GRD	018	6/4	
	GRD	GRD	023	6/4	
	GRD	GRD	034	6/4	
	GRD	GRD	036	6/4	
	GRD	GRD	038	6/4	
	GRD	GRD	042	6/4	
	GRD	GRD	044	6/2	
	GRD	GRD	046	6/2	
	GRD	GRD	048	6/2	
	GRD	GRD	051	6/1	
	GRD	GRD	053	6/4	
	GRD	GRD	056		
	GRD	GRD	115		
	GRD	GRD	118		
	GRD	GRD	141		
	GRD	GRD	156		
	GRD	GRD	200		
	GRD	GRD	201		
	GRD	GRD	208		
	GRD	GRD	215		
	GRD	GRD	218		
	GRD	GRD	241		
	GRD	GRD	253		
	GRD	GRD	256		
	GRD	GRD	300		
	GRD	GRD	301		
	GRD	GRD	308		
	GRD	GRD	315		
	GRD	GRD	318		
	GRD	GRD	351		
TESTTP41	GRD	GRD	356		
TESTTP59	TP	IC781	032		
	TP	INIT	024		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
08MH1CK	I	CLK8MH0	052	1/1	
1ACCOP	I	ACCOP	117	6/5	
1ACC1G	I	ACC1G	113	6/5	
1ACC2F	I	ACC2F	114	6/5	
1ACC3E	I	ACC3E	116	6/5	
1ACC40	I	ACC40	217	6/5	
1ACC5C	I	ACC5C	213	6/5	
1ACC6B	I	ACC6B	214	6/5	
1ACC7A	I	ACC7A	216	6/5	
1ADS1F	O	ADS1F	022	6/3	
1ALTLEND	O	ALTLEND	124	6/3	
1ALTROA	O	ALTROA	343	6/3	
1ALTROB	O	ALTROB	344	6/3	
1ALTROD	O	ALTROD	345	6/3	
1ALTROD	O	ALTROD	346	6/3	
1ALTROE	O	ALTROE	347	6/3	
1ALTROF	O	ALTROF	348	6/3	
1ALTROG	O	ALTROG	349	6/3	
1ALTROP	O	ALTROP	350	6/3	
1ALTRO0	O	ALTRO0	243	6/3	
1ALTRO1	O	ALTRO1	244	6/3	
1ALTRO2	O	ALTRO2	245	6/3	
1ALTRO3	O	ALTRO3	246	6/3	
1ALTRO4	O	ALTRO4	247	6/3	
1ALTRO5	O	ALTRO5	248	6/3	
1ALTRO6	O	ALTRO6	249	6/3	
1ALTRO7	O	ALTRO7	250	6/3	
1ASOD00F	O	ASOD00F	037	6/3	
1C+DPO4L	OT	+CURPR	112	6/1	
1C-DPO4L	OT	-CURPR	012	6/1	
1CECNTRL	I	CECNTRL	047	6/2	
1CEVCLRO	O	CEVCLRO	150	6/3	
1CEVENRW	O	CEVENRW	151	6/3	
1CLKSELO	I	CLKSELO	050	6/5	
1CLKSEL1	I	CLKSEL1	049	6/5	
1CLOERR0	O	CLOERR0	338	6/3	
1CLR3ER0	I	CLR3ER0	144	6/2	
1CQCLRO	O	CQCLRO	149	6/3	
1CQODRW	O	CQODRW	148	6/3	
1CTADD1	I	CTR1AD	140	6/2	
1CTADD2	I	CTR2AD	139	6/2	
1CTADD3	I	CTR3AD	138	6/2	
1CTADD4	I	CTR4AD	137	6/2	
1CTADD5	I	CTR5AD	240	6/2	
1CTADD6	I	CTR6AD	239	6/2	
1CTADD7	I	CTR7AD	238	6/2	
1CTADD8	I	CTR8AD	237	6/2	
1ODIPDD0	O	ODIPDD0	354	6/1	
1DICTWR0	I	DICTWR0	041	6/1	
1DIPDD00	O	DIPDD00	355	6/1	
1DIPYEN0	I	DIPYEN	340	6/1	
1DUADD.0	O	DUADD.0	152	6/3	
1EN1STCE	O	EN1STCE	155	6/3	
1EN2NCE	O	EN2NCE	154	6/3	
1EN3ROCE	O	EN3ROCE	153	6/3	
1ERRCLK	I	ERRCLK	035	6/2	
1ERRD1.0	O	ERRD1.0	339	6/3	
1ER3EN.0	I	ER3EN.0	143	6/2	
1EVCTRC0	I	EVCTRC0	147	6/2	
1HMCWR.0	I	HMCWR.0	123	6/3	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
11ERRD1A	I	11ERRD1A	342	6/5	
11ERRD1B	I	11ERRD1B	341	6/5	
1LCNTER0	O	LCNTER.0	337	6/3	
1LCTROPY	I	LCTROPY	020	6/2	
1LISE	I	LISE	134	6/5	
1MCADD0	I	MCADD0	224	6/3	
1MCADD1	I	MCADD1	225	6/3	
1MCADD2	I	MCADD2	222	6/3	
1MCADD3	I	MCADD3	221	6/3	
1MCADD4	I	MCADD4	324	6/3	
1MCADD5	I	MCADD5	323	6/3	
1MCADD6	I	MCADD6	322	6/3	
1MCADD7	I	MCADD7	321	6/3	
1MCADD8.0	I	MCADD8.0	136	6/3	
1MCHADPY	I	MCHADPY	320	6/3	
1MCHWRPY	I	MCHWRPY	220	6/3	
1MYD0	IO	MYD0	009	6/1	
1MYD1	IO	MYD1	008	6/1	
1MYD10	IO	MYD10	104	6/2	
1MYD11	IO	MYD11	105	6/2	
1MYD12	IO	MYD12	106	6/2	
1MYD13	IO	MYD13	107	6/2	
1MYD14	IO	MYD14	108	6/2	
1MYD2	IO	MYD2	007	6/1	
1MYD3	IO	MYD3	006	6/1	
1MYD4	IO	MYD4	005	6/1	
1MYD5	IO	MYD5	004	6/1	
1MYD6	IO	MYD6	003	6/1	
1MYD7	IO	MYD7	002	6/1	
1MYD8	IO	MYD8	102	6/2	
1MYD9	IO	MYD9	103	6/2	
1MYSY&K	I	MYSY&K	055	6/5	
1ODCTRC0	I	ODCTRC.0	145	6/2	
1RDCDEV	O	RDCDEV	133	6/2	
1RDC000	O	RDC000	033	6/2	
1RLCNTPY	O	RLCNTPY	236	6/3	
1RLCNT3G	O	RLCNT3G	234	6/3	
1RLCNT4	O	RLCNT4	233	6/3	
1RLCNT5	O	RLCNT5	336	6/3	
1RLCNT6	O	RLCNT6	335	6/3	
1RLCNT7	O	RLCNT7	334	6/3	
1RLCNT8	O	RLCNT8	333	6/3	
1SERWRL	I	SERWRL	039	6/2	
1SHSOR	I	SHSOR	045	6/2	
1SHS1R	I	SHS1R	043	6/2	
1TRANSAD	O	TRANSAD	352	6/3	
1TSPY	I	TSPY	251	6/2	
1T6MSSP0	I	MY6MS	040	6/5	
1T&MA001	O	8MMA001	252	10/1	
1T&MB001	O	8MMB001	255	9/1	

PART OF FS 6
SYMBOL(S) 3 4

TIME SLOT INTERCHANGER UNIT, MODEL 2		CHG SIZE C	ISSUE 9AC
AT&T BELL LABORATORIES		SD-5D045-01	
		B#6CD	

PART OF FS 6 TSI COMPLEX 1

SYMBOL NO. 4 (CONT) TSI ALT-D HIGH MEMORY

SYMBOL NO. 5 (CONT) TSI AND TIMING CIRCUIT

SYMBOL NO. 5 (CONT) TSI AND TIMING CIRCUIT

SYMBOL NO. 5 (CONT) TSI AND TIMING CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TS11	04-108	TN887	A	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TS11	04-100	TN866	A	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TS11	04-100	TN866	A	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TS11	04-100	TN866	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
1WRCR.O	I	WRCR.O	146	6/2	
1Y3DEC.O	O	Y3DEC.O	142	6/3	
1Y7DEC.O	O	Y7DEC.O	242	6/3	
18K50H	OT	SY8KADU1	309	6/3	
18K50P	OT	SY8KADU0	209	6/3	
18K51H	OT	SY8KBOU1	304	6/3	
18K51P	OT	SY8KBOU0	204	6/3	
18MH1CK	I	CLK8MH1	054	3/1	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
0ADL11P	I	ADOL1P	351	1/1	
0ADL11X	I	ADOL1X	348	1/1	
0ADL11Y	I	ADOL1Y	349	1/1	
0ADL11Z	I	ADOL1Z	350	1/1	
0BDL11P	I	BDOL1P	251	1/1	
0BDL11X	I	BDOL1X	248	1/1	
0BDL11Y	I	BDOL1Y	249	1/1	
0BDL11Z	I	BDOL1Z	250	1/1	
0SY6MS10	I	SY6MS0	023	1/1	
0SY8KH10	I	SY8K0	040	1/1	
08MH1CK	I	CLK8MH0	053	1/1	
1ACCELA	I	ACCSELA	116	6/2	
1ACCELB	I	ACCSELB	016	6/2	
1ACCEP	O	ACCOP	017	6/4	
1ACCEG	O	ACCIG	013	6/4	
1ACCEH	O	ACCOP	014	6/4	
1ACCEI	O	ACCSE	015	6/4	
1ACCEJ	O	ACCAD	117	6/4	
1ACCEK	O	ACCSC	113	6/4	
1ACCEL	O	ACC6B	114	6/4	
1ACCEM	O	ACC7A	115	6/4	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
101AALTS	I	D1AALTS	211	6/1	
101ATAOP	I	PO1A0	310	10/1	
101ATBOP	I	PO1B0	305	9/1	
101BALTS	I	D1BALTS	206	6/1	
101BTA0Z	I	ZD1A0	309	10/1	
101BTB0Z	I	ZD1B0	304	9/1	
101CTA0Y	I	YD1A0	308	10/1	
101CTB0Y	I	YD1B0	303	9/1	
101DTA0X	I	XD1A0	307	10/1	
101DTB0X	I	XD1B0	302	9/1	
101ISEL	I	DLISEL	053	6/2	
1ENEW	I	ENEW	140	6/2	
1ERRD1A	O	ERRD1A	043	6/4	
1ERRD1B	O	ERRD1B	042	6/4	
1ERRD1A	O	ERRD1A	050	6/2	
1ERRD1B	O	ERRD1B	049	6/2	
1INTRA	I	INTRA	035	6/2	
1LIAIPDD	I	LIAIPDD	150	6/2	
1LIBIPDD	I	LIBIPDD	149	6/2	
1LIAOPDD	I	LIAOPDD	346	6/2	
1LIBOPDD	I	LIBOPDD	246	6/2	
1LISE	O	LISE	135	6/4	
1MS32	O	MS32	120	6/1	
1MYSY8K	O	MYSY8K	055	6/1, 6/2, 6/3, 6/4	
1NEWA	I	NEWA	156	6/2	
1NEWB	I	NEWB	155	6/2	
1NEWC	I	NEWC	154	6/2	
1NEWD	I	NEWD	153	6/2	
1NEWPY3	I	NEWPY3	152	6/2	
1NONSSUB	I	NONSSUB	151	6/2	
1ERRD1A	O	ERRD1A	045	6/2	
1ERRD1B	O	ERRD1B	044	6/2	
1PERLOOP	I	PERLOOP	034	6/2	
1RRADDPY	I	RRADDPY	137	6/2	
1RVADD0	I	RVADD0	321	6/2	
1RVADD1	I	RVADD1	322	6/2	
1RVADD2	I	RVADD2	323	6/2	
1RVADD3	I	RVADD3	324	6/2	
1RVADD4	I	RVADD4	333	6/2	
1RVADD5	I	RVADD5	334	6/2	
1RVADD6	I	RVADD6	335	6/2	
1RVADD7	I	RVADD7	336	6/2	
1RVADD8	I	RVADD8	337	6/2	
1SPOPODD	I	SPOPODD	146	6/2	
1SY6MS10	I	SY6MS1	024	3/1	
1SY8KH10	I	SY8K1	041	3/1	
1TRDADPY	I	TRDADPY	136	6/2	
1TS1A0P	O	TOL10AP	341	1/1	
1TS1A0X	O	TOL10AX	338	1/1	
1TS1A0Y	O	TOL10AY	339	1/1	
1TS1A0Z	O	TOL10AZ	340	1/1	
1TS1A1P	O	TOL11AP	345	3/1	
1TS1A1X	O	TOL11AX	342	3/1	
1TS1A1Y	O	TOL11AY	343	3/1	
1TS1A1Z	O	TOL11AZ	344	3/1	
1TS1B0P	O	TOL10BP	241	1/1	
1TS1B0X	O	TOL10BX	238	1/1	
1TS1B0Y	O	TOL10BY	239	1/1	
1TS1B0Z	O	TOL10BZ	240	1/1	
1TS1B1P	O	TOL11BP	245	3/1	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
1TS1B1X	O	TOL11BX	242	3/1	
1TS1B1Y	O	TOL11BY	243	3/1	
1TS1B1Z	O	TOL11BZ	244	3/1	
1TS1PSP	O	PTOSP	021	16/3	
1TS1XSP	O	XTOSP	018	16/3	
1TS1YSP	O	YTOSP	019	16/3	
1TS1ZSP	O	ZTOSP	020	16/3	
1TSPYHR	I	TSPYHR	139	6/2	
1TS108PY	O	TS108PY	145	6/2	
1TTADD0	I	TTADD0	221	6/2	
1TTADD1	I	TTADD1	222	6/2	
1TTADD2	I	TTADD2	223	6/2	
1TTADD3	I	TTADD3	224	6/2	
1TTADD4	I	TTADD4	233	6/2	
1TTADD5	I	TTADD5	234	6/2	
1TTADD6	I	TTADD6	235	6/2	
1TTADD7	I	TTADD7	236	6/2	
1TTADD8	I	TTADD8	237	6/2	
1T2MHC1	O	CLK2MH	048	13/1, 14/1	
1T6MSSP0	O	SP6MS	118	6/4, 16/2	
1T8KA0D1	O	D18KA0	119	10/1	
1T8K80D1	O	D18K80	123	9/1	
1T8MHSP	O	SP8MH	046	16/2, 16/3	
18MH1CK	I	CLK8MH1	054	3/1	

SYMBOL NO. 5 TSI AND TIMING CIRCUIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TS11	04-100	TN866	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
NC	O	D18KV	010		
	I	XD1B	102		
	I	YD1B	103		
	I	ZD1B	104		
	I	PD1B	105		
	I	XD1A	107		
	I	YD1A	108		
	I	ZD1A	109		
	I	PD1A	110		
	I	INIT	138		
	I	IDIBPODD	142		
	I	IDIAPODD	143		
+SV04LC1	PWR	+5	000	6/1	
	PWR	+5	001	6/1	
	PWR	+5	100	6/1	
GRD04100	PWR	+5	101	6/1	
	GRD	GRD	004		
	GRD	GRD	006		
	GRD	GRD	009		
	GRD	GRD	011		
	GRD	GRD	022		
	GRD	GRD	032		
	GRD	GRD	036		
	GRD	GRD	039		
	GRD	GRD	047		
	GRD	GRD	056		
	GRD	GRD	141		
	GRD	GRD	144		
	GRD	GRD	148		
	GRD	GRD	200		
	GRD	GRD	201		
	GRD	GRD	216		
	GRD	GRD	232		
	GRD	GRD	300		
	GRD	GRD	301		
	GRD	GRD	332		

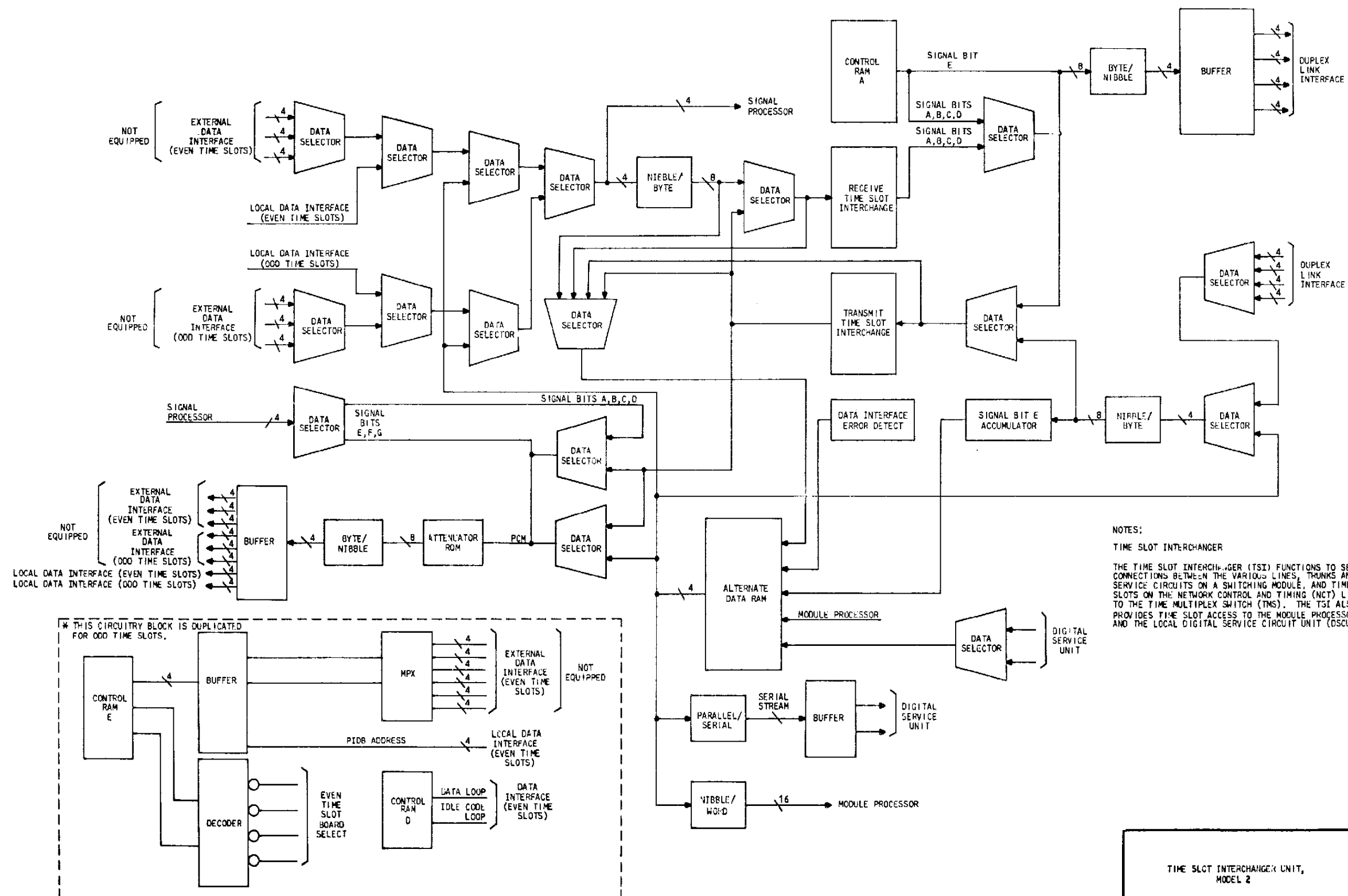
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
1ADL11P	I	A1DL1P	355	3/1	
1ADL11X	I	A1DL1X	352	3/1	
1ADL11Y	I	A1DL1Y	353	3/1	
1ADL11Z	I	A1DL1Z	354	3/1	
1ALTOAP	I	ALTOAP	315	6/3	
1ALTOAX	I	ALTOAX	312	6/3	
1ALTOAY	I	ALTOAY	313	6/3	
1ALTOAZ	I	ALTOAZ	314	6/3	
1ALTOBP	I	ALTOBP	215	6/3	
1ALTOBX	I	ALTOBX	212	6/3	
1ALTOBY	I	ALTOBY	213	6/3	
1ALTOBZ	I	ALTOBZ	214	6/3	
1ALTS1A	I	ALTS1A	356	6/1	
1ALTS1B	I	ALTS1B	256	6/1	
1ASELDL1	I	ASELDL1	347	6/2	
1AUTISEN	I	AUTISEN	008	6/3	
1AOD1.O	I	AOD1.O	311	6/1	
1BOL11P	I	B1OL1P	255	3/1	
1BOL11X	I	B1OL1X	252	3/1	
1BOL11Y	I	B1OL1Y	253	3/1	
1BOL11Z	I	B1OL1Z	254	3/1	
1BSEL0L1	I	BSEL0L1	247	6/2	
1BTTOP	O	BTTOP	217	6/1	
1BTTIG	O	BTTIG	218	6/1	
1BTT2F	O	BTT2F	219	6/1	
1BTT3E	O	BTT3E	220	6/1	
1BTT4D	O	BTT4D	317	6/1	
1BTT5C	O	BTT5C	318	6/1	
1BTT6B	O	BTT6B	319	6/1	
1BTT7A	O	BTT7A	320	6/1	
1BOD1.O	I	BOD1.O	306	6/1	
1C-CP04L	OT	-CURPR	112	6/1	
1C-CP04L	OT	-CURPR	012	6/1	
1CKTSC0	I	CKTSC0	147	6/2	
1CLKSEL0	O	CLKSEL0	052	6/1, 6/2, 6/3, 6/4	
1CLKSEL1	O	CLKSEL1	051	6/1, 6/2, 6/3, 6/4	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
1NEWA	I	NEWA	156	6/2	
1NEWB	I	NEWB	155	6/2	
1NEWC	I	NEWC	154	6/2	
1NEWD	I	NEWD	153	6/2	
1NEWPY3	I	NEWPY3	152	6/2	
1NONSSUB	I	NONSSUB	151	6/2	
1ERRD1A	O	ERRD1A	045	6/2	
1ERRD1B	O	ERRD1B	044	6/2	
1PERLOOP	I	PERLOOP	034	6/2	
1RRADDPY	I	RRADDPY	137	6/2	
1RVADD0	I	RVADD0	321	6/2	
1RVADD1	I	RVADD1	322	6/2	
1RVADD2	I	RVADD2	323	6/2	
1RVADD3	I	RVADD3	324	6/2	
1RVADD4	I	RVADD4	333	6/2	
1RVADD5	I	RVADD5	334	6/2	
1RVADD6	I	RVADD6	335	6/2	
1RVADD7	I	RVADD7	336	6/2	
1RVADD8	I	RVADD8	337	6/2	
1SPOPODD	I	SPOPODD	146	6/2	
1SY6MS10	I	SY6MS1	024	3/1	
1SY8KH10	I	SY8K1	041	3/1	
1TRDADPY	I	TRDADPY	136	6/2	
1TS1A0P	O	TOL10AP	341	1/1	
1TS1A0X	O	TOL10AX	338	1/1	
1TS1A0Y	O	TOL10AY	339	1/1	
1TS1A0Z	O	TOL10AZ	340	1/1	
1TS1A1P	O	TOL11AP	345	3/1	
1TS1A1X	O	TOL11AX	342	3/1	
1TS1A1Y	O	TOL11AY	343	3/1	
1TS1A1Z	O	TOL11AZ	344	3/1	
1TS1B0P	O	TOL10BP	241	1/1	
1TS1B0X	O	TOL10BX	238	1/1	
1TS1B0Y	O	TOL10BY	239	1/1	
1TS1B0Z	O	TOL10BZ	240	1/1	
1TS1B1P	O	TOL11BP	245	3/1	

PART OF FS 6
SYMBOL(S) 4, 5

TIME SLOT INTERCHANGER UNIT	
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PART OF FS 6 TSI COMPLEX 1 COMPOSITE DIAGRAM 1

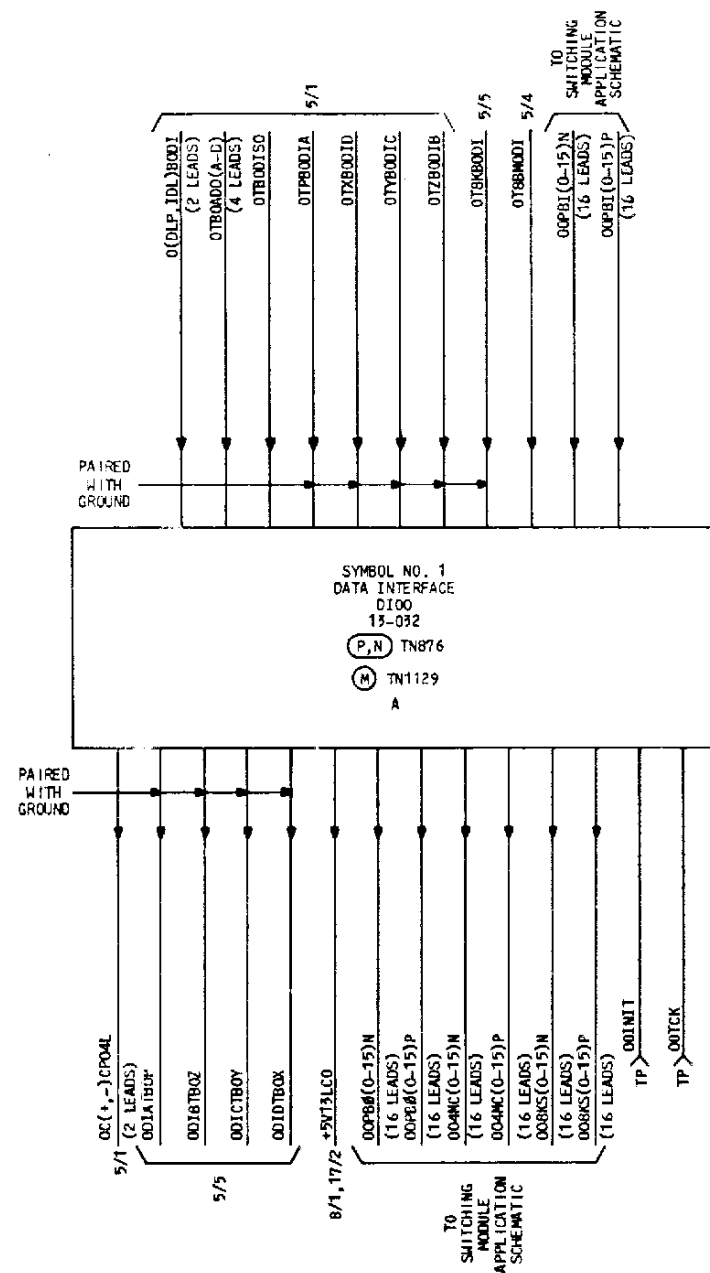


NOTES:
TIME SLOT INTERCHANGER
THE TIME SLOT INTERCHANGER (TSI) FUNCTIONS TO SET UP CONNECTIONS BETWEEN THE VARIOUS LINES, TRUNKS AND SERVICE CIRCUITS ON A SWITCHING MODULE, AND TIME SLOTS ON THE NETWORK CONTROL AND TIMING (NCT) LINKS TO THE TIME MULTIPLEX SWITCH (TMS). THE TSI ALSO PROVIDES TIME SLOT ACCESS TO THE MODULE PROCESSOR, AND THE LOCAL DIGITAL SERVICE CIRCUIT UNIT (DSCU).

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TIME SLOT INTERCHANGER UNIT, MODEL 2		OWB SIZE 88	ISSUE 11B
AT&T BELL LABORATORIES	SD-50045-01	SHEET B466A	

SIDE 0 DATA INTERFACE 0
(P/O INTERCONNECTION & FLOW DIAGRAM)



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TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE	ISSUE
		63	11B
AT&T BELL LABORATORIES	SD-5D045-01		SHEET B#7A

SIDE 0 DATA INTERFACE 0

8-7000 11-172

PART OF FS 7
SIDE 0 DATA INTERFACE 0

SYMBOL NO. 1 (CONT)
DATA INTERFACE

SYMBOL NO. 1 (CONT)
DATA INTERFACE

SYMBOL NO. 1 (CONT)
DATA INTERFACE

SYMBOL NO. 1 (CONT)
DATA INTERFACE

	ELEM IDENT					ELEM IDENT	OPT	ELEM IDENT					ELEM IDENT	OPT	ELEM IDENT					ELEM IDENT	OPT
	DESIG	LOC	CODE	IDENT	IDENT			DESIG	LOC	CODE	IDENT	IDENT			DESIG	LOC	CODE	IDENT	IDENT		
	D100	13-032	TN876	A	(P,N)	D100	13-032	TN876	A	(P,N)	D100	13-032	TN876	A	(P,N)	D100	13-032	TN876	A	(P,N)	
	D100	13-032	TN1129	A	(M)	D100	13-032	TN1129	A	(M)	D100	13-032	TN1129	A	(M)	D100	13-032	TN1129	A	(M)	
B	LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE
	DESIG		MOD		OPT			DESIG		MOD		OPT			DESIG		MOD		OPT		
	00PB04N	0	4PBON	301		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC11P	0	114MCP	055		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC7N	0	74MCN	323		TO SWITCHING MODULE APPLICATION SCHEMATIC	
	00PB04P	0	4PBOP	201		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC12N	0	124MCN	336		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC7P	0	74MCP	223		TO SWITCHING MODULE APPLICATION SCHEMATIC	
C	00PB05N	0	5PBON	307		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC12P	0	124MCP	236		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC8N	0	84MCN	136		TO SWITCHING MODULE APPLICATION SCHEMATIC	
	00PB05P	0	5PBOP	207		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC13N	0	134MCN	342		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC8P	0	84MCP	036		TO SWITCHING MODULE APPLICATION SCHEMATIC	
	00PB06N	0	6PBON	314		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC13P	0	134MCP	242		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC9N	0	94MCN	142		TO SWITCHING MODULE APPLICATION SCHEMATIC	
	00PB06P	0	6PBOP	214		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC14N	0	144MCN	349		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC9P	0	94MCP	042		TO SWITCHING MODULE APPLICATION SCHEMATIC	
D	00PB07N	0	7PBON	320		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC14P	0	144MCP	249		TO SWITCHING MODULE APPLICATION SCHEMATIC		008KSON	0	08KSN	103		TO SWITCHING MODULE APPLICATION SCHEMATIC	
	00PB07P	0	7PBOP	220		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC15N	0	154MCN	355		TO SWITCHING MODULE APPLICATION SCHEMATIC		008KSOP	0	08KSP	003		TO SWITCHING MODULE APPLICATION SCHEMATIC	
	00PB08N	0	8PBON	133		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC15P	0	154MCP	255		TO SWITCHING MODULE APPLICATION SCHEMATIC		008KSIN	0	18KSN	109		TO SWITCHING MODULE APPLICATION SCHEMATIC	
E	00PB08P	0	8PBOP	033		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC2N	0	24MCN	117		TO SWITCHING MODULE APPLICATION SCHEMATIC		008KSIP	0	18KSP	009		TO SWITCHING MODULE APPLICATION SCHEMATIC	
	00PB09N	0	9PBON	139		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC2P	0	24MCP	017		TO SWITCHING MODULE APPLICATION SCHEMATIC		008KS10N	0	108KSN	148		TO SWITCHING MODULE APPLICATION SCHEMATIC	
	00PB09P	0	9PBOP	039		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC3N	0	34MCN	123		TO SWITCHING MODULE APPLICATION SCHEMATIC		008KS10P	0	108KSP	048		TO SWITCHING MODULE APPLICATION SCHEMATIC	
F	00TCK	TP	TCK	251				004MC3P	0	34MCP	023		TO SWITCHING MODULE APPLICATION SCHEMATIC		008KS11N	0	118KSN	154		TO SWITCHING MODULE APPLICATION SCHEMATIC	
	004MCON	0	04MCN	104		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC4N	0	44MCN	304		TO SWITCHING MODULE APPLICATION SCHEMATIC		008KS11P	0	118KSP	054		TO SWITCHING MODULE APPLICATION SCHEMATIC	
	004MCP	0	04MCP	004		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC4P	0	44MCP	204		TO SWITCHING MODULE APPLICATION SCHEMATIC		008KS12N	0	128KSN	335		TO SWITCHING MODULE APPLICATION SCHEMATIC	
	004MC1N	0	14MCN	110		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC5N	0	54MCN	310		TO SWITCHING MODULE APPLICATION SCHEMATIC		008KS12P	0	128KSP	235		TO SWITCHING MODULE APPLICATION SCHEMATIC	
G	004MC1P	0	14MCP	010		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC5P	0	54MCP	210		TO SWITCHING MODULE APPLICATION SCHEMATIC		008KS13N	0	138KSN	341		TO SWITCHING MODULE APPLICATION SCHEMATIC	
	004MC10N	0	104MCN	149		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC6N	0	64MCN	317		TO SWITCHING MODULE APPLICATION SCHEMATIC		008KS13P	0	138KSP	241		TO SWITCHING MODULE APPLICATION SCHEMATIC	
	004M10P	0	104MCP	049		TO SWITCHING MODULE APPLICATION SCHEMATIC		004MC6P	0	64MCP	217		TO SWITCHING MODULE APPLICATION SCHEMATIC								
	004MC11N	0	114MCN	155		TO SWITCHING MODULE APPLICATION SCHEMATIC															

PART OF FS 7
SYMBOL(S) 1

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TIME SLOT INTERCHANGER UNIT,
MODEL 2

DWG SIZE

ISSUE

PART OF FS 7
SYMBOL(S) 1

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TIME SLOT INTERCHANGER UNIT, MODEL 2	DWG SIZE C	ISSUE 11B
AT&T BELL LABORATORIES	SD-5D045-01	B#7CB

0 1 2 3 4 5 6 7 8 9

A

31

PART OF FS 7
SIDE 0 DATA INTERFACE 0

SYMBOL NO. 1 (CONT)
DATA INTERFACE

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
DI00	13-032	TN876	A	(P,N)
DI00	13-032	TN1129	A	(M)

B

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
008KS7P	0	78KSP	222		TO SWITCHING MODULE APPLICATION SCHEMATIC	
008KS8N	0	88KSN	135		TO SWITCHING MODULE APPLICATION SCHEMATIC	
008KS9P	0	88KSP	035		TO SWITCHING MODULE APPLICATION SCHEMATIC	
008KS9N	0	98KSN	141		TO SWITCHING MODULE APPLICATION SCHEMATIC	
008KS9P	0	98KSP	041		TO SWITCHING MODULE APPLICATION SCHEMATIC	

C

D

E

F

G

H

0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9

TIME SLOT INTERCHANGER UNIT,
MODEL 2

DWG SIZE
C2

ISSUE
11B

AT&T
BELL LABORATORIES

SD-5D045-01

B#7CC

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PART OF FS 7
SYMBOL(S) 1

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DWG SIZE C2	ISSUE 11B
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B#7CC	
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PART OF FS 7

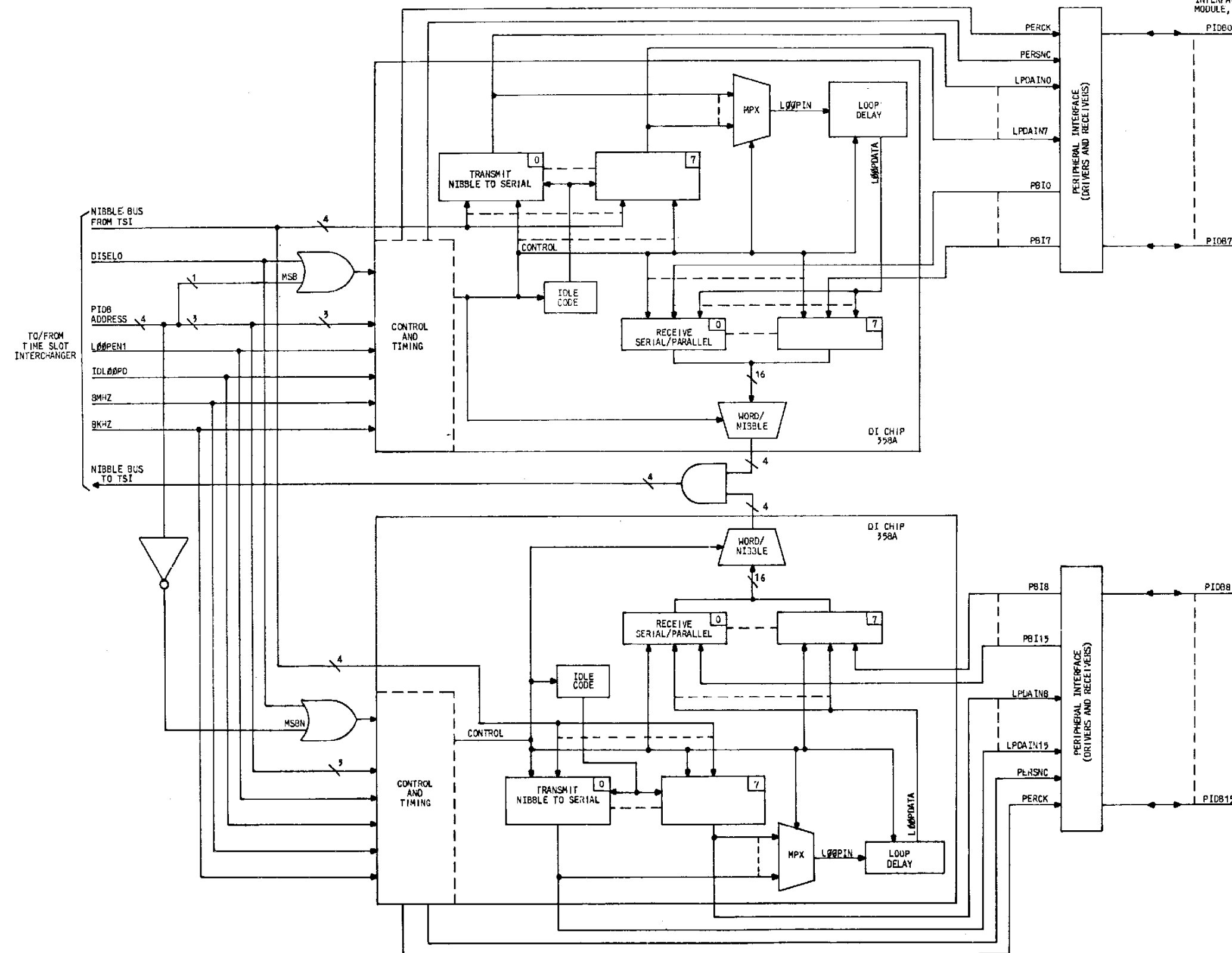
DATA INTERFACE 00

COMPOSITE DIAGRAM 1

NOTES:

DATA INTERFACE:

THE DATA INTERFACE (DI) IS THE CIRCUITRY THAT INTERFACES THE TIME SLOT INTERCHANGER (TSI) TO PERIPHERAL UNITS. THE DI PROVIDES TIME SLOT PATHS BETWEEN THE TSI AND A NUMBER OF BIDIRECTIONAL PERIPHERAL INTERFACE DATA BUSES (PIDB) TO THE PERIPHERAL UNITS OF THE SWITCHING MODULE, PROVIDING A DIGITAL CONCENTRATION RATIO OF 16:8.



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TIME SLOT INTERCHANGER UNIT,
MODEL 2

DWG SIZE
48

ISSUE
116

AT&T
BELL LABORATORIES

SD-50045-01

SHEET
B-7GA

PART OF FS 8 SIDE 0 DATA INTERFACE 1

SYMBOL NO. 1 DATA INTERFACE

SYMBOL NO. 1 (CONT) DATA INTERFACE

SYMBOL NO. 1 (CONT) DATA INTERFACE

SYMBOL NO. 1 (CONT) DATA INTERFACE

DESIG						ELEM IDENT		OPT		DESIG						ELEM IDENT		OPT		DESIG						ELEM IDENT		OPT	
D101						A		(P,N)		D101						A		(P,N)		D101						A		(P,N)	
13-042						TN876		(M)		13-042						TN876		(M)		13-042						TN876		(M)	
13-042						TN1129				13-042						TN1129				13-042						TN1129			
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
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D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101						A		(M)		D101						A		(M)		D101						A		(M)	
D101																													

PART OF FS 8
SYMBOL(S) 1

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TIME SLOT INTERCHANGER UNIT,
MODEL 2

DWG SIZE
11B

AT&T
BELL LABORATORIES

SD-50045-01

B78CA

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PART OF FS 8
SIDE 0 DATA INTERFACE 1

SYMBOL NO. 1 (CONT)
DATA INTERFACE

SYMBOL NO. 1 (CONT)
DATA INTERFACE

SYMBOL NO. 1 (CONT)
DATA INTERFACE

SYMBOL NO. 1 (CONT)
DATA INTERFACE

DESIG EOPT CODE ELEM OPT
D101 13-042 TN876 A (P,N)
D101 13-042 TN1129 A (M)

DESIG EOPT CODE ELEM OPT
D101 13-042 TN876 A (P,N)
D101 13-042 TN1129 A (M)

DESIG EOPT CODE ELEM OPT
D101 13-042 TN876 A (P,N)
D101 13-042 TN1129 A (M)

DESIG EOPT CODE ELEM OPT
D101 13-042 TN876 A (P,N)
D101 13-042 TN1129 A (M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
01PB03P	0	3PBOP	020		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01PB04N	0	4PBON	301		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01PB04P	0	4PBOP	201		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01PB05N	0	5PBON	307		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01PB05P	0	5PBOP	207		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01PB06N	0	6PBON	314		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01PB06P	0	6PBOP	214		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01PB07N	0	7PBON	320		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01PB07P	0	7PBOP	220		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01PB08N	0	8PBON	133		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01PB08P	0	8PBOP	033		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01PB09N	0	9PBON	139		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01PB09P	0	9PBOP	039		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01TCK 014MC0N	TP 0	TCK 04MCN	251 104		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC0P	0	04MCP	004		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC1N	0	14MCN	110		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC1P	0	14MCP	010		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC10N	0	104MCN	149		TO SWITCHING MODULE APPLICATION SCHEMATIC	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
014MC10P	0	104MCP	049		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC11N	0	114MCN	155		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC11P	0	114MCP	055		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC12N	0	124MCN	336		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC12P	0	124MCP	236		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC13N	0	134MCN	342		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC13P	0	134MCP	242		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC14N	0	144MCN	349		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC14P	0	144MCP	249		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC15N	0	154MCN	355		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC15P	0	154MCP	255		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC2N	0	24MCN	117		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC2P	0	24MCP	017		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC3N	0	34MCN	123		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC3P	0	34MCP	023		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC4N	0	44MCN	304		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC4P	0	44MCP	204		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC5N	0	54MCN	310		TO SWITCHING MODULE APPLICATION SCHEMATIC	

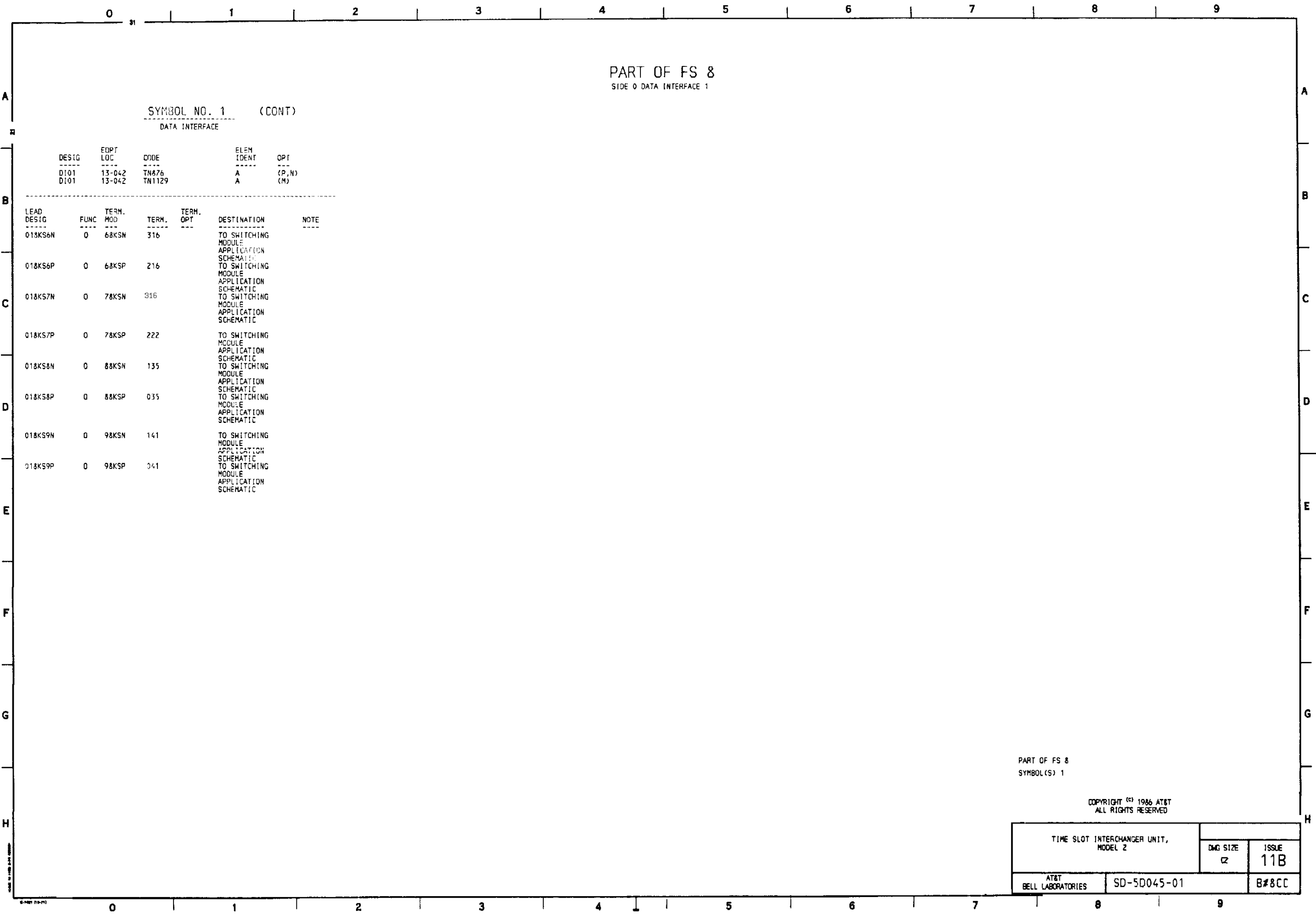
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
014MC5P	0	54MCP	210		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC6N	0	64MCN	317		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC6P	0	64MCP	217		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC7N	0	74MCN	323		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC7P	0	74MCP	223		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC8N	0	84MCN	136		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC8P	0	84MCP	036		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC9N	0	94MCN	142		TO SWITCHING MODULE APPLICATION SCHEMATIC	
014MC9P	0	94MCP	042		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS0N	0	08KSN	103		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS0P	0	08KSP	003		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS1N	0	18KSN	109		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS1P	0	18KSP	009		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS10N	0	108KSN	148		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS10P	0	108KSP	048		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS11N	0	118KSN	154		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS11P	0	118KSP	054		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS12N	0	128KSN	335		TO SWITCHING MODULE APPLICATION SCHEMATIC	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
018KS12P	0	128KSP	235		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS13N	0	138KSN	341		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS13P	0	138KSP	241		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS14N	0	148KSN	348		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS14P	0	148KSP	248		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS15N	0	158KSN	354		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS15P	0	158KSP	254		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS2N	0	28KSN	116		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS2P	0	28KSP	016		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS3N	0	38KSN	122		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS3P	0	38KSP	022		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS4N	0	48KSN	303		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS4P	0	48KSP	203		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS5N	0	58KSN	309		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS5P	0	58KSP	209		TO SWITCHING MODULE APPLICATION SCHEMATIC	

PART OF FS 8
SYMBOL(S) 1

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TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE C2	ISSUE 11B
AT&T BELL LABORATORIES		SD-50045-01	
		B#8CB	



PART OF FS 8
SIDE 0 DATA INTERFACE 1

SYMBOL NO. 1 (CONT)
DATA INTERFACE

DESIG	EDPT LOC	CODE	ELEM IDENT	OPT
D101	13-042	TN876	A	(P,N)
D101	13-042	TN1129	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
018KS6N	0	68KSN	316		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS6P	0	68KSP	216		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS7N	0	78KSN	316		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS7P	0	78KSP	222		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS8N	0	88KSN	135		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS8P	0	88KSP	035		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS9N	0	98KSN	141		TO SWITCHING MODULE APPLICATION SCHEMATIC	
018KS9P	0	98KSP	041		TO SWITCHING MODULE APPLICATION SCHEMATIC	

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SYMBOL(S) 1

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TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE A	ISSUE 11B
AT&T BELL LABORATORIES	SD-5D045-01	B#8CC	

COMPOSITE DIAGRAM 1

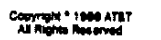
DATA INTERFACE:

THE TIME SLOT INTERCHANGER (TSI) TO PERIPHERAL UNITS. THE DI PROVIDES TIME SLOT PATHS BETWEEN THE TSI AND A NUMBER OF BIDIRECTIONAL PERIPHERAL INTERFACE DATA BUSES (PIDB) TO THE PERIPHERAL UNITS OF THE SWITCHING MODULE, PROVIDING A DIGITAL CONCENTRATION RATIO OF 16:1.



SHEET
B#8GA

SIDE 1 DATA INTERFACE 0
(P/D INTERCONNECTION & FLOW DIAGRAM)



SHEET
B# 9AA

SYMBOL NO. 1 (CONT)										SYMBOL NO. 1 (CONT)										SYMBOL NO. 1 (CONT)																			
DATA INTERFACE										DATA INTERFACE										DATA INTERFACE																			
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT						DESIG	EQPT LOC	CODE	ELEM IDENT	OPT						DESIG	EQPT LOC	CODE	ELEM IDENT	OPT						DESIG	EQPT LOC	CODE	ELEM IDENT	OPT					
D110	13-152	TN876	A	(P,N)						D110	13-152	TN876	A	(P,N)						D110	13-152	TN876	A	(P,N)						D110	13-152	TN876	A	(P,N)					
D110	13-152	TN1129	A	(M)						D110	13-152	TN1129	A	(M)						D110	13-152	TN1129	A	(M)						D110	13-152	TN1129	A	(M)					
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE				LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE				LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE				LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE			
+5V15L01	PWR	+5V	000		9/1					1T8M8001	I	8MHZ	312		6/4	P/GRD13152				10PB010P	I	0PB1P	002			TO SWITCHING MODULE APPLICATION SCHEMATIC				10PB010P	I	0PB1P	002			TO SWITCHING MODULE APPLICATION SCHEMATIC			
	PWR	+5V	024		9/1					10PB10P	I	0PB1P	102							10PB13P	I	3PB1P	021			TO SWITCHING MODULE APPLICATION SCHEMATIC				10PB11N	I	1PB1N	108			TO SWITCHING MODULE APPLICATION SCHEMATIC			
	PWR	+5V	032		9/1															10PB14N	I	4PB1N	302			TO SWITCHING MODULE APPLICATION SCHEMATIC				10PB11P	I	1PB1P	008			TO SWITCHING MODULE APPLICATION SCHEMATIC			
	PWR	+5V	056		9/1					10PB11P	I	1PB1P	008							10PB14P	I	4PB1P	202			TO SWITCHING MODULE APPLICATION SCHEMATIC				10PB11P	I	1PB1P	008			TO SWITCHING MODULE APPLICATION SCHEMATIC			
	PWR	+5V	100		9/1															10PB15N	I	5PB1N	308			TO SWITCHING MODULE APPLICATION SCHEMATIC				10PB11P	I	1PB1P	008			TO SWITCHING MODULE APPLICATION SCHEMATIC			
	PWR	+5V	124		9/1															10PB15P	I	5PB1P	208			TO SWITCHING MODULE APPLICATION SCHEMATIC				10PB11P	I	1PB1P	008			TO SWITCHING MODULE APPLICATION SCHEMATIC			
GRD13152	GRD	GRD	005		10/1, 18/2	P/1TXB001D				10PB110N	I	10PB1N	147							10PB16N	I	6PB1N	315			TO SWITCHING MODULE APPLICATION SCHEMATIC				10PB11P	I	1PB1P	008			TO SWITCHING MODULE APPLICATION SCHEMATIC			
	GRD	GRD	011			P/1D10TB0X				10PB110P	I	10PB1P	047							10PB16P	I	6PB1P	215			TO SWITCHING MODULE APPLICATION SCHEMATIC				10PB11P	I	1PB1P	008			TO SWITCHING MODULE APPLICATION SCHEMATIC			
	GRD	GRD	018							10PB111N	I	11PB1N	153							10PB17N	I	7PB1N	321			TO SWITCHING MODULE APPLICATION SCHEMATIC				10PB11P	I	1PB1P	008			TO SWITCHING MODULE APPLICATION SCHEMATIC			
	GRD	GRD	037							10PB112N	I	12PB1N	334							10PB17P	I	7PB1P	221			TO SWITCHING MODULE APPLICATION SCHEMATIC				10PB11P	I	1PB1P	008			TO SWITCHING MODULE APPLICATION SCHEMATIC			
	GRD	GRD	043			P/1TYB001C				10PB112P	I	12PB1P	234							10PB18N	I	8PB1N	134			TO SWITCHING MODULE APPLICATION SCHEMATIC				10PB11P	I	1PB1P	008			TO SWITCHING MODULE APPLICATION SCHEMATIC			
	GRD	GRD	050							10PB113N	I	13PB1N	340							10PB18P	I	8PB1P	034			TO SWITCHING MODULE APPLICATION SCHEMATIC				10PB11P	I	1PB1P	008			TO SWITCHING MODULE APPLICATION SCHEMATIC			
	GRD	GRD	105																																				

B#9CA

SYMBOL NO. 1 (CONT)

DATA INTERFACE

TIME SLOT INTERCHANGER UNIT, MODEL 2			
		OMG SIZE C2	ISSUE 11B
AT&T BELL LABORATORIES	SD-5D045-01	B#9CB	

PART OF FS 9
SIDE 1 DATA INTERFACE 0

SYMBOL NO. 1 (CONT)
DATA INTERFACE

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
D110	13-152	TN876	A	(P,N)
D110	13-152	TN1129	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
108KS7P	0	78KSP	222		TO SWITCHING MODULE APPLICATION SCHEMATIC	
108KS8N	0	88KSN	135		TO SWITCHING MODULE APPLICATION SCHEMATIC	
108KS8P	0	88KSP	035		TO SWITCHING MODULE APPLICATION SCHEMATIC	
108KS9N	0	98KSN	141		TO SWITCHING MODULE APPLICATION SCHEMATIC	
108KS9P	0	98KSP	041		TO SWITCHING MODULE APPLICATION SCHEMATIC	

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SYMBOL(S) 1

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TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE c2
AT&T BELL LABORATORIES		ISSUE 11B
SD-5D045-01		B#9CC

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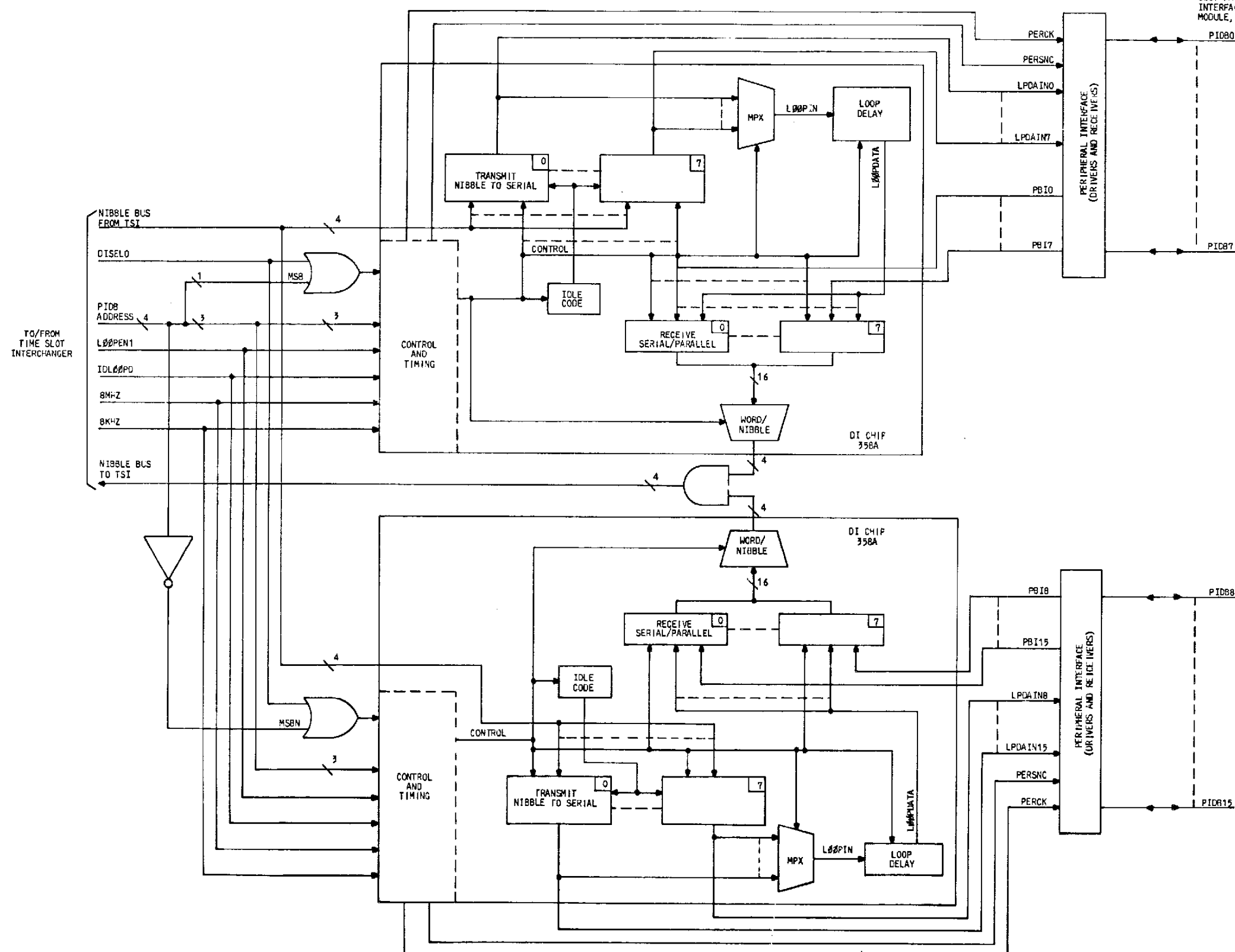
PART OF FS 9

DATA INTERFACE 10 COMPOSITE DIAGRAM 1

NOTES:

DATA INTERFACE:

THE DATA INTERFACE (DI) IS THE CIRCUITRY THAT INTERFACES THE TIME SLOT INTERCHANGER (TSI) TO PERIPHERAL UNITS. THE DI PROVIDES TIME SLOT PATHS BETWEEN THE TSI AND A NUMBER OF BIDIRECTIONAL PERIPHERAL INTERFACE DATA BUSES (PIDB) TO THE PERIPHERAL UNITS OF THE SWITCHING MODULE, PROVIDING A DIGITAL CONCENTRATION RATIO OF 16:8.



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TIME SLOT INTERCHANGER UNIT,
MODEL 2

DWG SIZE
B3

ISSUE
11B

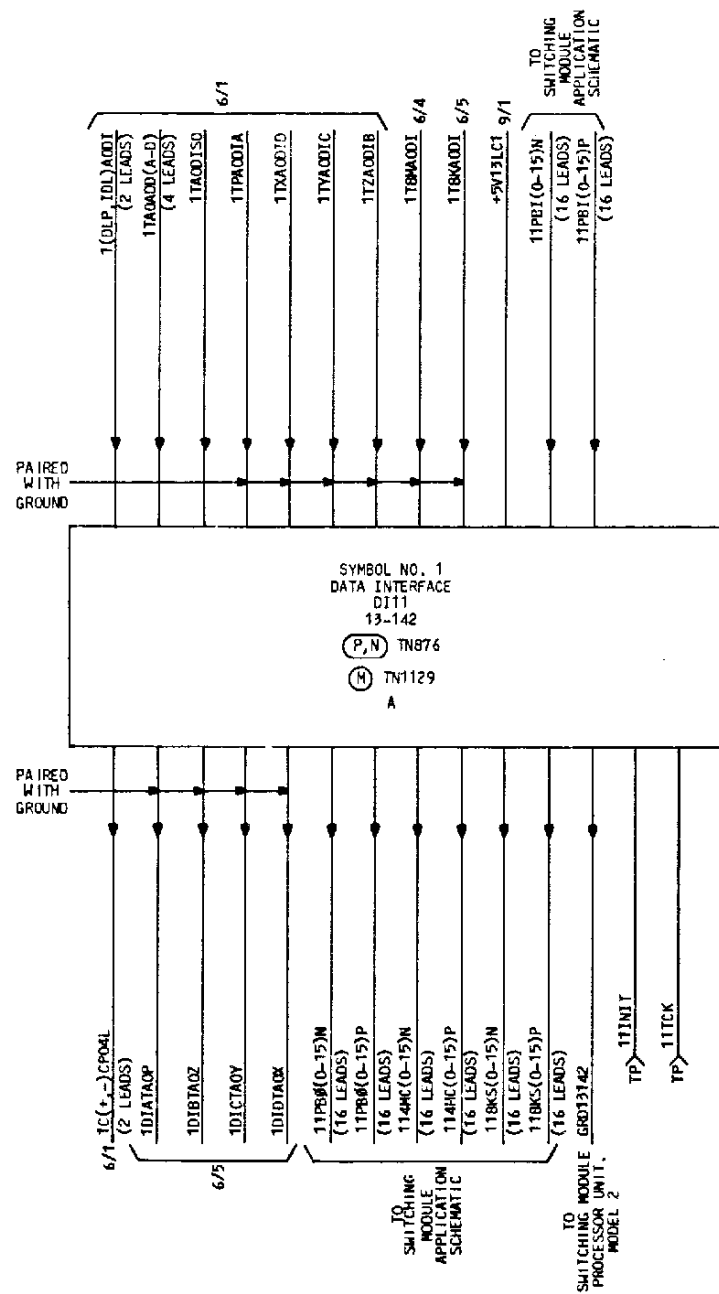
AT&T
BELL LABORATORIES

SD-50045-01

SHEET
B# 9GA

PART OF FS 10

SIDE 1 DATA INTERFACE 1
(P/O INTERCONNECTION & FLOW DIAGRAM)



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TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE 11	ISSUE 11B
AT&T BELL LABORATORIES	SD-50045-01	SHEET B110AA	

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PART OF FS 10
SIDE 1 DATA INTERFACE 1

SYMBOL NO. 1
DATA INTERFACE

SYMBOL NO. 1 (CONT)
DATA INTERFACE

SYMBOL NO. 1 (CONT)
DATA INTERFACE

SYMBOL NO. 1 (CONT)
DATA INTERFACE

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
D111	13-142	TN876	A	(P,N)
D111	13-142	TN1129	A	(M)

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
D111	13-142	TN876	A	(P,N)
D111	13-142	TN1129	A	(M)

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
D111	13-142	TN876	A	(P,N)
D111	13-142	TN1129	A	(M)

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
D111	13-142	TN876	A	(P,N)
D111	13-142	TN1129	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+SV13LC1	PWR	+5V	000		9/1	
	PWR	+5V	024		9/1	
	PWR	+5V	032		9/1	
	PWR	+5V	056		9/1	
	PWR	+5V	100		9/1	
	PWR	+5V	124		9/1	
	PWR	+5V	132		9/1	
	PWR	+5V	156		9/1	
	GRO	GRO	005			P/1TXA0010
	GRO	GRO	011			
	GRO	GRO	018			P/101DTA0X
	GRO	GRO	037			
	GRO	GRO	043			
	GRO	GRO	050			P/1TYA001C
	GRO	GRO	105			
	GRO	GRO	111			P/101CTA0Y
	GRO	GRO	118			
	GRO	GRO	137			
	GRO	GRO	143			
	GRO	GRO	150			
	GRO	GRO	200			TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2
	GRO	GRO	205			
	GRO	GRO	211			P/1TZA001B
	GRO	GRO	218			P/101BTA02
	GRO	GRO	224			
	GRO	GRO	232			
	GRO	GRO	237			
	GRO	GRO	243			
	GRO	GRO	250			
	GRO	GRO	256			
	GRO	GRO	300			
	GRO	GRO	305			P/1TPA001A
	GRO	GRO	311			P/1T8MA001
	GRO	GRO	313			
	GRO	GRO	318			P/101ATA0P
	GRO	GRO	324			
	GRO	GRO	332			
	GRO	GRO	337			
	GRO	GRO	343			P/1T8KA001
	GRO	GRO	345			
	GRO	GRO	350			
	GRO	GRO	356			
1C*CP04L	OT	*CURPR	112		6/1	
1C-CP04L	OT	*CURPR	012		6/1	
101ATA0P	O	NIBINA	319		6/5	P/GRD13142
101BTA0Z	O	NIBINB	219		6/5	P/GRD13142
101CTA0Y	O	NIBINC	119		6/5	P/GRD13142
101DTA0X	O	NIBIND	019		6/5	P/GRD13142
101PA001	I	LOOPEN1	144		6/1	
11DLA001	I	1DLOOPO	044		6/1	
1TA0A00A	I	PB00DA	338		6/1	
1TA0ADD8	I	PB00DB	238		6/1	
1TA0ADD0	I	PB00DC	138		6/1	
1TA0ADD0	I	PB00DD	038		6/1	
1TA001S0	I	DISELO	051		6/1	
1TPA001A	I	NIBOTA	308		6/1	P/GRD13142
1TXA001D	I	NIBOTO	008		6/1	P/GRD13142

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1TYA001C	I	N1807C	106		6/1	P/GRD13142
1TZA001B	I	N1807B	206		6/1	P/GRD13142
1T8KA001	I	8KHZ	344		6/5	P/GRD13142
1T8MA001	I	8MHZ	312		6/4	P/GRD13142
11INIT	TP	INIT	245			
11PB10N	I	0PB1N	102			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB10P	I	0PB1P	002			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB11N	I	1PB1N	108			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB11P	I	1PB1P	008			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB110N	I	10PB1N	147			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB110P	I	10PB1P	047			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB111N	I	11PB1N	153			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB111P	I	11PB1P	053			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB112N	I	12PB1N	334			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB112P	I	12PB1P	234			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB113N	I	13PB1N	340			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB113P	I	13PB1P	240			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB114N	I	14PB1N	347			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB114P	I	14PB1P	247			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB115N	I	15PB1N	353			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB115P	I	15PB1P	253			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB12N	I	2PB1N	115			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB12P	I	2PB1P	015			TO SWITCHING MODULE APPLICATION SCHEMATIC

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
11PB13N	I	3PB1N	121			MODULE APPLICATION SCHEMATIC TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB13P	I	3PB1P	021			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB14N	I	4PB1N	302			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB14P	I	4PB1P	202			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB15N	I	5PB1N	308			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB15P	I	5PB1P	208			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB16N	I	6PB1N	315			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB16P	I	6PB1P	215			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB17N	I	7PB1N	321			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB17P	I	7PB1P	221			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB18N	I	8PB1N	134			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB18P	I	8PB1P	034			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB19N	I	9PB1N	140			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB19P	I	9PB1P	040			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB00N	O	0PB0N	101			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB00P	O	0PB0P	001			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB01N	O	1PB0N	107			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB01P	O	1PB0P	007			TO SWITCHING MODULE APPLICATION SCHEMATIC

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
11PB010N	O	10PB0N	146			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB010P	O	10PB0P	046			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB011N	O	11PB0N	152			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB011P	O	11PB0P	052			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB012N	O	12PB0N	333			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB012P	O	12PB0P	233			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB013N	O	13PB0N	339			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB013P	O	13PB0P	239			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB014N	O	14PB0N	346			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB014P	O	14PB0P	246			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB015N	O	15PB0N	352			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB015P	O	15PB0P	252			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB02N	O	2PB0N	114			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB02P	O	2PB0P	014			TO SWITCHING MODULE APPLICATION SCHEMATIC
11PB03N	O	3PB0N	120			TO SWITCHING MODULE APPLICATION SCHEMATIC

PART OF FS 10
SYMBOL(S) 1

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TIME SLOT INTERCHANGER UNIT,
MODEL 2

ONE SIZE
2

ISSUE
11B

AT&T
BELL LABORATORIES

SD-5D045-01

B#10CA

PART OF FS 10 SIDE 1 DATA INTERFACE 1																											
SYMBOL NO. 1 (CONT) DATA INTERFACE							SYMBOL NO. 1 (CONT) DATA INTERFACE							SYMBOL NO. 1 (CONT) DATA INTERFACE							SYMBOL NO. 1 (CONT) DATA INTERFACE						
DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT								
D111	13-142	TN876	A	(P,N)	D111	13-142	TN876	A	(P,N)	D111	13-142	TN876	A	(P,N)	D111	13-142	TN876	A	(P,N)								
D111	13-142	TN1129	A	(M)	D111	13-142	TN1129	A	(M)	D111	13-142	TN1129	A	(M)	D111	13-142	TN1129	A	(M)								
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE							
11PB03P	0	3PBOP	020		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC10P	0	104MCP	049		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC5P	0	54MCP	210		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11PB04N	0	4PBON	301		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC11N	0	114MCN	155		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC6N	0	64MCN	317		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11PB04P	0	4PBOP	201		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC11P	0	114MCP	055		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC6P	0	64MCP	217		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11PB05N	0	5PBON	307		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC12N	0	124MCN	336		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC7N	0	74MCN	323		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11PB05P	0	5PBOP	207		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC12P	0	124MCP	236		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC7P	0	74MCP	223		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11PB06N	0	6PBON	314		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC13N	0	134MCN	342		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC8N	0	84MCN	136		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11PB06P	0	6PBOP	214		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC13P	0	134MCP	242		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC8P	0	84MCP	036		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11PB07N	0	7PBON	320		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC14N	0	144MCN	349		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC9N	0	94MCN	142		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11PB07P	0	7PBOP	220		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC14P	0	144MCP	249		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC9P	0	94MCP	042		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11PB08N	0	8PBON	133		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC15N	0	154MCN	355		TO SWITCHING MODULE APPLICATION SCHEMATIC		118KS0N	0	08KSN	103		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11PB08P	0	8PBOP	033		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC15P	0	154MCP	255		TO SWITCHING MODULE APPLICATION SCHEMATIC		118KS0P	0	08KSP	003		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11PB09N	0	9PBON	139		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC2N	0	24MCN	117		TO SWITCHING MODULE APPLICATION SCHEMATIC		118KS1N	0	18KSN	109		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11PB09P	0	9PBOP	039		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC2P	0	24MCP	017		TO SWITCHING MODULE APPLICATION SCHEMATIC		118KS1P	0	18KSP	009		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11TCK	TP	TCK	251				114MC3N	0	34MCN	123		TO SWITCHING MODULE APPLICATION SCHEMATIC		118KS10N	0	108KSN	148		TO SWITCHING MODULE APPLICATION SCHEMATIC								
114MC0N	0	04MCN	104		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC3P	0	34MCP	023		TO SWITCHING MODULE APPLICATION SCHEMATIC		118KS10P	0	108KSP	048		TO SWITCHING MODULE APPLICATION SCHEMATIC								
114MC0P	0	04MCP	004		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC4N	0	44MCN	304		TO SWITCHING MODULE APPLICATION SCHEMATIC		118KS11N	0	118KSN	154		TO SWITCHING MODULE APPLICATION SCHEMATIC								
114MC1N	0	14MCN	110		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC4P	0	44MCP	204		TO SWITCHING MODULE APPLICATION SCHEMATIC		118KS11P	0	118KSP	054		TO SWITCHING MODULE APPLICATION SCHEMATIC								
114MC1P	0	14MCP	010		TO SWITCHING MODULE APPLICATION SCHEMATIC		114MC5N	0	54MCN	310		TO SWITCHING MODULE APPLICATION SCHEMATIC		118KS12N	0	128KSN	335		TO SWITCHING MODULE APPLICATION SCHEMATIC								
114MC10N	0	104MCN	149		TO SWITCHING MODULE APPLICATION SCHEMATIC																						
PART OF FS 10 SYMBOL(S) 1																											
COPYRIGHT © 1986 AT&T ALL RIGHTS RESERVED														TIME SLOT INTERCHANGER UNIT, MODEL 2						DWG SIZE 12		ISSUE 11B					
AT&T BELL LABORATORIES														SD-5D045-01						B#10CB							

PART OF FS 10
SYMBOL(S) 1

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TIME SLOT INTERCHANGER UNIT,
MODEL 2

DWG SIZE
12

ISSUE
11B

AT&T
BELL LABORATORIES

SD-5D045-01

B#10CB

PART OF FS 10
SIDE 1 DATA INTERFACE 1

SYMBOL NO. 1 (CONT)
DATA INTERFACE

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
DI11	13-142	TN376	A	(P,N)
DI11	13-142	TN1129	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
118KS6N	0	68KSN	316		TO SWITCHING MODULE APPLICATION SCHEMATIC	
118KS6P	0	68KSP	216		TO SWITCHING MODULE APPLICATION SCHEMATIC	
118KS7N	0	78KSN	322		TO SWITCHING MODULE APPLICATION SCHEMATIC	
118KS7P	0	78KSP	222		TO SWITCHING MODULE APPLICATION SCHEMATIC	
118KS8N	0	88KSN	135		TO SWITCHING MODULE APPLICATION SCHEMATIC	
118KS8P	0	88KSP	035		TO SWITCHING MODULE APPLICATION SCHEMATIC	
118KS9N	0	98KSN	141		TO SWITCHING MODULE APPLICATION SCHEMATIC	
118KS9P	0	98KSP	041		TO SWITCHING MODULE APPLICATION SCHEMATIC	

PART OF FS 10
SYMBOL(S) 1

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TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE C2	ISSUE 11B
AT&T BELL LABORATORIES	SD-5D045-01	B#10CC	

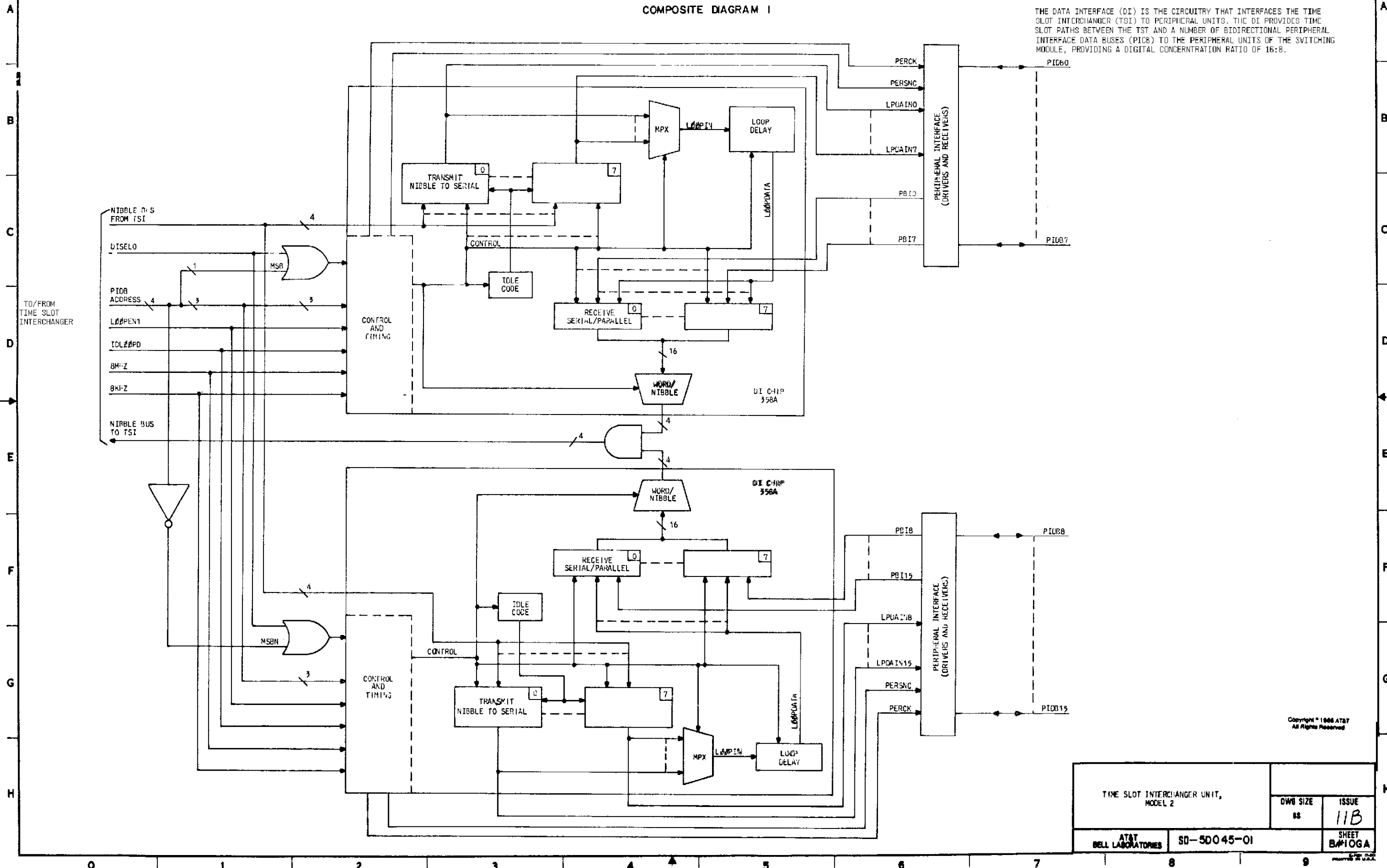
PART OF FS 10

DATA INTERFACE 11
COMPOSITE DIAGRAM 1

NOTES:

DATA INTERFACE:

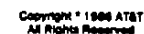
THE DATA INTERFACE (DI) IS THE CIRCUITRY THAT INTERFACES THE TIME SLOT INTERCHANGER (TSI) TO PERIPHERAL UNITS. THE DI PROVIDES TIME SLOT PATHS BETWEEN THE TSI AND A NUMBER OF BIDIRECTIONAL PERIPHERAL INTERFACE DATA BUSES (PICB) TO THE PERIPHERAL UNITS OF THE SWITCHING MODULE, PROVIDING A DIGITAL CONCENTRATION RATIO OF 16:8.



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TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE AS	ISSUE 11B
AT&T BELL LABORATORIES	SD-50045-01	SHEET B-10GA	

D SIDE CONTROL INTERFACE 1
(P/O INTERCONNECTION & FLOW DIAGRAM)



SHEET
B-11A

PART OF FS 11
O SIDE CONTROL INTERFACE 1

SYMBOL NO. 1
CONTROL INTERFACE

DESIG	EQPT	CODE	ELEM	OPT		
C101	04-010	UN71	A			
LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE
DESIG		MOD	MOD	OPT		
+SV04LC0	PHR	+5	000		5/1	
	PHR	+5	032		5/1	
	PHR	+5	100		5/1	
GRD04010	PHR	+5	132		5/1	
		NINT7N	001			
		NINT6N	007			
		NINT5N	014			
		NINT4N	020			
		NINT2N	039			
		NINT1N	046			
		NINT0N	052			
		NINT14N	207			
					TO SWITCHING	
					MODULE	
					APPLICATION	
					SCHEMATIC	
		NINT15N	214			
		NINT12P	220			
		NINT11N	233			
		NINT10N	239			
		NINT7M	246			
		NINT8N	252			
		NINT22N	407			
		NINT21N	414			
		NINT20N	420			
		NINT19N	433			
		NINT18N	439			
		NINT17N	446			
		NINT16N	452			
	GRD	GRD	033			
	GRD	GRD	200			
	GRD	NINT15N	201			
	GRD	GRD	300			
	GRD	GRD	332			
QC-CP04L	OT	+CURPR	112		5/1	
QC-CP04L	OT	-CURPR	012		5/1	
ONAE	I	NAE	113		12/1	
					TO SWITCHING	
					MODULE	
					PROCESSOR UNIT,	
					MODEL 2	
OSUAP	I	APAR	219		5/2	
OSUA12	I	A1	313		5/2	
OSUA2	I	A2	312		5/2	
OSUA3	I	A3	306		5/2	
OSUA4	I	A4	213		5/2	
OSUA5	I	A5	212		5/2	
OSUA6	I	A6	206		5/2	
OSUOPH	IO	OPARM	413		5/2	
OSUOPL	IO	OPARL	513		5/2	
OSUD02	IO	D0	512		5/2	
OSUD12	IO	D1	506		5/2	
OSUD102	IO	D10	405		5/2	
OSUD112	IO	D11	404		5/2	
OSUD12	IO	D12	403		5/2	
OSUD13	IO	D13	402		5/2	
OSUD14	IO	D14	401		5/2	
OSUD15	IO	D15	400		5/2	
OSUD2	IO	D2	505		5/2	
OSUD3	IO	D3	504		5/2	
OSUD4	IO	D4	503		5/2	
OSUD5	IO	D5	502		5/2	

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

DESIG	EQPT	CODE	ELEM	OPT		
C101	04-010	UN71	A			
LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE
DESIG		MOD	MOD	OPT		
OSUD6	IO	D6	501		5/2	
OSUD7	IO	D7	500		5/2	
OSUD8	IO	D8	412		5/2	
OSUD9	IO	D9	406		5/2	
OSUD00	I	NRO	419		5/2	
OSUARO	I	NAP	519		5/2	
OSUSERR0	O	NINT	119			TO SWITCHING
						MODULE
						PROCESSOR UNIT,
						MODEL 2
						TO SWITCHING
						MODULE
						PROCESSOR UNIT,
						MODEL 2
OSUS50	I	NBS	319			
OSUSWTO	O	READY	019			
						TO SWITCHING
						MODULE
						PROCESSOR UNIT,
						MODEL 2
OTZMHCI	I	ZMHZ	044		5/5	
OTCON	O	ECN	054			
OTCOP	O	COF	154			
						TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC1N	O	C1N	048			
						TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC1P	O	C1P	148			
						TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC10N	O	C10N	241			
						TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC10P	O	C10P	341			
						TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC11N	O	C11N	235			
						TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC11P	O	C11P	335			
						TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC12N	O	C12N	222			
						TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC12P	O	C12P	322			
						TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC13N	O	C13N	216			
						TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC13P	O	C13P	316			
						TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC14N	O	C14N	209			
						TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC14P	O	C14P	309			
						TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

DESIG	EQPT	CODE	ELEM	OPT		
C101	04-010	UN71	A			
LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE
DESIG		MOD	MOD	OPT		
OTC15N	O	C15N	203			TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC15P	O	C15P	303			TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC16N	O	C16N	454			TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC16P	O	C16P	554			TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC17N	O	C17N	448			TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC17P	O	C17P	548			TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC18N	O	C18N	441			TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC18P	O	C18P	541			TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC19N	O	C19N	435			TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC19P	O	C19P	535			TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC2N	O	C2N	041			TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC2P	O	C2P	141			TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC20N	O	C20N	422			TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC20P	O	C20P	522			TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC21N	O	C21N	416			TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC21P	O	C21P	516			TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC22N	O	C22N	409			TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC
OTC22P	O	C22P	509			TO SWITCHING
						MODULE
						APPLICATION
						SCHEMATIC

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

DESIG	EQPT	CODE	ELEM	OPT		
C101	04-010	UN71	A			
LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE
DESIG		MOD	MOD	OPT		
01C3N	O	C3N	035		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01C3P	O	C3P	135		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01C4N	O	C4N	022		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01C4P	O	C4P	122		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01C5N	O	C5N	016		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01C5P	O	C5P	116		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01C6N	O	C6N	009		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01C6P	O	C6P	109		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01C7N	O	C7N	003		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01C7P	O	C7P	103		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01C8N	O	C8N	254		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01C8P	O	C8P	354		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01C9N	O	C9N	248		TO SWITCHING MODULE APPLICATION SCHEMATIC	
01C9P	O	C9P	348		TO SWITCHING MODULE APPLICATION SCHEMATIC	
011DATA0	TP	N1DATA0	238			311
011DATA1	TP	N1DATA1	245			311
011DATA2	TP	N1DATA2	231			311
011D00N	I	100N	050		TO SWITCHING MODULE	

PART OF FS 11
0 SIDE CONTROL INTERFACE 1

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

	DESIG C101	EOP LOC 04-010	CODE UN71	ELEN IDENT A	OPT ---	
B	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION APPLICATION SCHEMATIC	NOTE
	011D0P	I	1D0P	150	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D1N	I	1D1N	050	TO SWITCHING MODULE APPLICATION SCHEMATIC	
C	011D1P	I	1D1P	150	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D10N	I	1D10N	245	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D10P	I	1D10P	345	TO SWITCHING MODULE APPLICATION SCHEMATIC	
D	011D11N	I	1D11N	257	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D11P	I	1D11P	357	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D12N	I	1D12N	224	TO SWITCHING MODULE APPLICATION SCHEMATIC	
E	011D12P	I	1D12P	324	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D13N	I	1D13N	218	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D13P	I	1D13P	318	TO SWITCHING MODULE APPLICATION SCHEMATIC	
F	011D14N	I	1D14N	211	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D14P	I	1D14P	311	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D15N	I	1D15N	205	TO SWITCHING MODULE APPLICATION SCHEMATIC	
G	011D15P	I	1D15P	305	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D16N	I	1D16N	450	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D16P	I	1D16P	550	TO SWITCHING MODULE APPLICATION SCHEMATIC	
H	011D17N	I	1D17N	450	TO SWITCHING MODULE APPLICATION SCHEMATIC	

	DESIG C101	EOP LOC 04-010	CODE UN71	ELEN IDENT A	OPT ---	
	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION APPLICATION SCHEMATIC	NOTE
	011D17P	I	1D17P	550	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D18N	I	1D18N	445	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D18P	I	1D18P	545	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D19N	I	1D19N	457	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D19P	I	1D19P	557	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D2N	I	1D2N	045	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D2P	I	1D2P	145	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D20N	I	1D20N	424	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D20P	I	1D20P	524	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D21N	I	1D21N	418	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D21P	I	1D21P	518	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D22N	I	1D22N	411	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D22P	I	1D22P	511	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D3N	I	1D3N	037	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D3P	I	1D3P	137	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D4N	I	1D4N	024	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D4P	I	1D4P	124	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D5N	I	1D5N	018	TO SWITCHING MODULE APPLICATION SCHEMATIC	

	DESIG C101	EOP LOC 04-010	CODE UN71	ELEN IDENT A	OPT ---	
	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION APPLICATION SCHEMATIC	NOTE
	011D5P	I	1D5P	118	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D6N	I	1D6N	011	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D6P	I	1D6P	111	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D7N	I	1D7N	005	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D7P	I	1D7P	105	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D8N	I	1D8N	256	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D8P	I	1D8P	356	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D9N	I	1D9N	250	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D9P	I	1D9P	350	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D10N	TP	1D10N	244	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D10P	I	1D10P	344	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D11P	I	1D11P	146	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D12P	I	1D12P	339	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D13P	I	1D13P	335	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D12P	I	1D12P	320	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D13P	I	1D13P	314	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D14P	I	1D14P	307	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D15P	I	1D15P	301	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D16P	I	1D16P	552	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D17P	I	1D17P	546	TO SWITCHING MODULE APPLICATION SCHEMATIC	

	DESIG C101	EOP LOC 04-010	CODE UN71	ELEN IDENT A	OPT ---	
	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION APPLICATION SCHEMATIC	NOTE
	011D18P	I	1D18P	539	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D19P	I	1D19P	535	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D22P	I	1D22P	159	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D20P	I	1D20P	520	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D21P	I	1D21P	514	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D22P	I	1D22P	507	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D23P	I	1D23P	133	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D24P	I	1D24P	120	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D25P	I	1D25P	114	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D26P	I	1D26P	107	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D27P	I	1D27P	101	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D28P	I	1D28P	352	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D29P	I	1D29P	346	TO SWITCHING MODULE APPLICATION SCHEMATIC	
	011D30N	TP	1D30N	151	TO SWITCHING MODULE APPLICATION SCHEMATIC	311
	011D30P	TP	1D30P	051	TO SWITCHING MODULE APPLICATION SCHEMATIC	311
	011D31N	TP	1D31N	145	TO SWITCHING MODULE APPLICATION SCHEMATIC	311
	011D31P	TP	1D31P	045	TO SWITCHING MODULE APPLICATION SCHEMATIC	311
	011D32N	TP	1D32N	130	TO SWITCHING MODULE APPLICATION SCHEMATIC	311
	011D32P	TP	1D32P	055	TO SWITCHING MODULE APPLICATION SCHEMATIC	311

PART OF FS 11
SYMBOL(S) 1

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TIME SLOT INTERCHANGER UNIT,
MODEL 2

CHG SIZE

1986

PART OF FS 11
SYMBOL 133 1

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TIME SLOT INTERCHANGER UNIT,
MODEL 2

AT&T
BELL LABORATORIES

SD-5D045-01

ONE SIZE
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PART OF FS 11
O SIDE CONTROL INTERFACE 1

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

DESIG C101	EQPT LOC 04-010	CODE UN/1	ELEM IDENT A	OPT	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
01000P	0	000P	155		01000P	0	000P	155	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01001N	0	001N	049		01001N	0	001N	049	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01001P	0	001P	149		01001P	0	001P	149	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010010N	0	0010N	242		010010N	0	0010N	242	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010010P	0	0010P	342		010010P	0	0010P	342	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010011N	0	0011N	236		010011N	0	0011N	236	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010011P	0	0011P	336		010011P	0	0011P	336	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010012N	0	0012N	223		010012N	0	0012N	223	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010012P	0	0012P	323		010012P	0	0012P	323	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010013N	0	0013N	217		010013N	0	0013N	217	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010013P	0	0013P	317		010013P	0	0013P	317	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010014N	0	0014N	210		010014N	0	0014N	210	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010014P	0	0014P	310		010014P	0	0014P	310	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010015N	0	0015N	204		010015N	0	0015N	204	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010015P	0	0015P	304		010015P	0	0015P	304	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010016N	0	0016N	455		010016N	0	0016N	455	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010016P	0	0016P	555		010016P	0	0016P	555	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010017N	0	0017N	449		010017N	0	0017N	449	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010017P	0	0017P	549		010017P	0	0017P	549	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010018N	0	0018N	442		010018N	0	0018N	442	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010018P	0	0018P	542		010018P	0	0018P	542	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010019N	0	0019N	436		010019N	0	0019N	436	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010019P	0	0019P	536		010019P	0	0019P	536	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01002N	0	002N	042		01002N	0	002N	042	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01002P	0	002P	142		01002P	0	002P	142	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010020N	0	0020N	423		010020N	0	0020N	423	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010020P	0	0020P	523		010020P	0	0020P	523	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010021N	0	0021N	417		010021N	0	0021N	417	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010021P	0	0021P	517		010021P	0	0021P	517	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010022N	0	0022N	410		010022N	0	0022N	410	TO SWITCHING MODULE APPLICATION SCHEMATIC	
010022P	0	0022P	510		010022P	0	0022P	510	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01003N	0	003N	036		01003N	0	003N	036	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01003P	0	003P	136		01003P	0	003P	136	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01004N	0	004N	023		01004N	0	004N	023	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01004P	0	004P	123		01004P	0	004P	123	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01005N	0	005N	017		01005N	0	005N	017	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01005P	0	005P	117		01005P	0	005P	117	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01006N	0	006N	010		01006N	0	006N	010	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01006P	0	006P	110		01006P	0	006P	110	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01007N	0	007N	004		01007N	0	007N	004	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01007P	0	007P	104		01007P	0	007P	104	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01008N	0	008N	255		01008N	0	008N	255	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01008P	0	008P	355		01008P	0	008P	355	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01009N	0	009N	249		01009N	0	009N	249	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01009P	0	009P	349		01009P	0	009P	349	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01RESET 0150N	TP 0	RESET 50N	144 053		01RESET 0150N	TP 0	RESET 50N	144 053	TO SWITCHING MODULE APPLICATION SCHEMATIC	
0150P	0	50P	153		0150P	0	50P	153	TO SWITCHING MODULE APPLICATION SCHEMATIC	
0151N	0	51N	047		0151N	0	51N	047	TO SWITCHING MODULE APPLICATION SCHEMATIC	
0151P	0	51P	147		0151P	0	51P	147	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01510N	0	510N	240		01510N	0	510N	240	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01510P	0	510P	340		01510P	0	510P	340	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01511N	0	511N	234		01511N	0	511N	234	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01511P	0	511P	334		01511P	0	511P	334	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01512N	0	512N	221		01512N	0	512N	221	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01512P	0	512P	321		01512P	0	512P	321	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01513N	0	513N	215		01513N	0	513N	215	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01513P	0	513P	315		01513P	0	513P	315	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01514N	0	514N	208		01514N	0	514N	208	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01514P	0	514P	308		01514P	0	514P	308	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01515N	0	515N	202		01515N	0	515N	202	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01515P	0	515P	302		01515P	0	515P	302	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01516N	0	516N	453		01516N	0	516N	453	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01516P	0	516P	553		01516P	0	516P	553	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01517N	0	517N	447		01517N	0	517N	447	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01517P	0	517P	547		01517P	0	517P	547	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01518N	0	518N	440		01518N	0	518N	440	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01518P	0	518P	540		01518P	0	518P	540	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01519N	0	519N	434		01519N	0	519N	434	TO SWITCHING MODULE APPLICATION SCHEMATIC	
01519P	0	519P	534		01519P	0	519P	534	TO SWITCHING MODULE APPLICATION SCHEMATIC	
0152N	0	52N	040		0152N	0	52N	040	TO SWITCHING MODULE APPLICATION SCHEMATIC	

PART OF FS 11
SYMBOL(S) 1

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TIME SLOT INTERCHANGER UNIT,
MODEL 2

DWG SIZE
A

ISSUE
11B

AT&T
BELL LABORATORIES

SD-5D045-01

B#11CC

PART OF FS 11
0 SIDE CONTROL INTERFACE 1

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

DESIG C101	EOP LOC 04-010	CODE UN71	ELEM IDENT A	OPT		
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	
01S2P	0	S2P	140	TO SWITCHING MODULE APPLICATION SCHEMATIC		
01S20N	0	S20N	421	TO SWITCHING MODULE APPLICATION SCHEMATIC		
01S20P	0	S20P	521	TO SWITCHING MODULE APPLICATION SCHEMATIC		
01S21N	0	S21N	415	TO SWITCHING MODULE APPLICATION SCHEMATIC		
01S21P	0	S21P	515	TO SWITCHING MODULE APPLICATION SCHEMATIC		
01S22N	0	S22N	408	TO SWITCHING MODULE APPLICATION SCHEMATIC		
01S22P	0	S22P	508	TO SWITCHING MODULE APPLICATION SCHEMATIC		
01S3N	0	S3N	034	TO SWITCHING MODULE APPLICATION SCHEMATIC		
01S3P	0	S3P	134	TO SWITCHING MODULE APPLICATION SCHEMATIC		
01S4N	0	S4N	021	TO SWITCHING MODULE APPLICATION SCHEMATIC		
01S4P	0	S4P	121	TO SWITCHING MODULE APPLICATION SCHEMATIC		
01S5N	0	S5N	015	TO SWITCHING MODULE APPLICATION SCHEMATIC		
01S5P	0	S5P	115	TO SWITCHING MODULE APPLICATION SCHEMATIC		
01S6N	0	S6N	008	TO SWITCHING MODULE APPLICATION SCHEMATIC		
01S6P	0	S6P	108	TO SWITCHING MODULE APPLICATION SCHEMATIC		
01S7N	0	S7N	002	TO SWITCHING MODULE APPLICATION SCHEMATIC		
01S7P	0	S7P	102	TO SWITCHING MODULE APPLICATION SCHEMATIC		
01S8N	0	S8N	253	TO SWITCHING MODULE APPLICATION SCHEMATIC		
01S8P	0	S8P	353	TO SWITCHING MODULE APPLICATION SCHEMATIC		

DESIG C101	EOP LOC 04-010	CODE UN71	ELEM IDENT A	OPT		
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	
01S9N	0	S9N	247	TO SWITCHING MODULE APPLICATION SCHEMATIC		
01S9P	0	S9P	347	TO SWITCHING MODULE APPLICATION SCHEMATIC		
01TPMM1	TP	TPMM1	038		311	

PART OF FS 11
SYMBOL(S) 1

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TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE C2
AT&T BELL LABORATORIES		ISSUE 11B
SD-50045-01		B#11CD

PART OF FS II

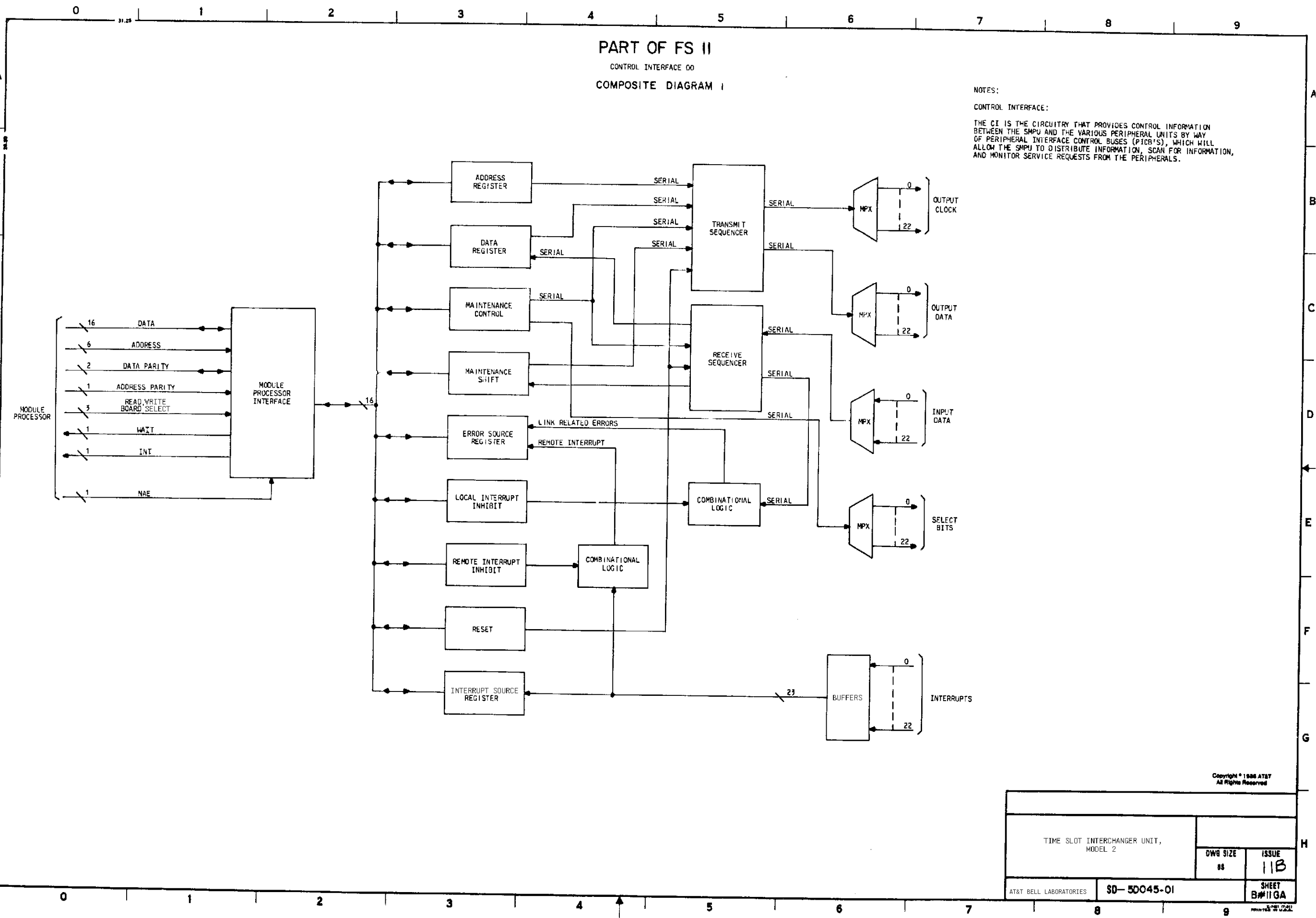
CONTROL INTERFACE 00

COMPOSITE DIAGRAM I

NOTES:

CONTROL INTERFACE:

THE CI IS THE CIRCUITRY THAT PROVIDES CONTROL INFORMATION BETWEEN THE SMPU AND THE VARIOUS PERIPHERAL UNITS BY WAY OF PERIPHERAL INTERFACE CONTROL BUSES (PICB'S), WHICH WILL ALLOW THE SMPU TO DISTRIBUTE INFORMATION, SCAN FOR INFORMATION, AND MONITOR SERVICE REQUESTS FROM THE PERIPHERALS.

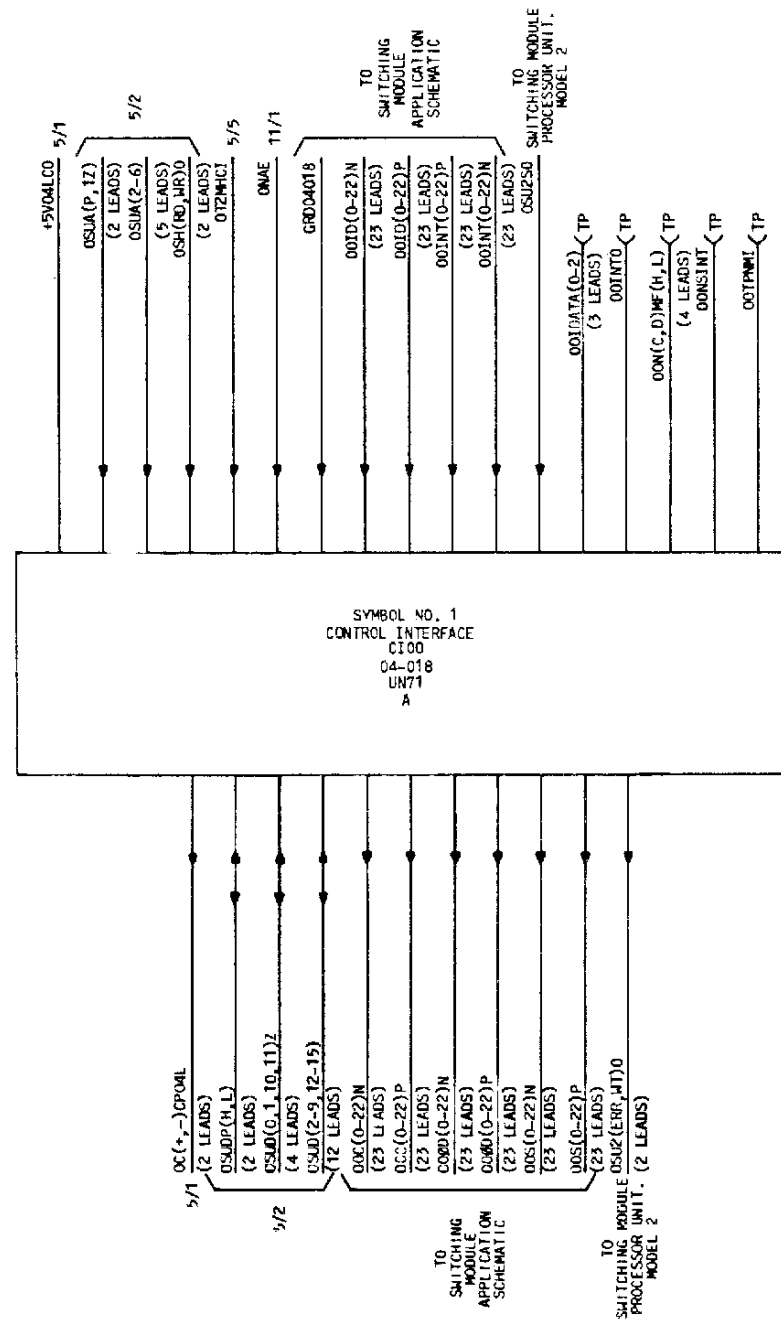


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TIME SLOT INTERCHANGER UNIT, MODEL 2		OWB SIZE 08	ISSUE 11B
AT&T BELL LABORATORIES		SD-50045-01	SHEET B#11GA

PART OF FS 12

O SIDE CONTROL INTERFACE 0
(P/O INTERCONNECTION & FLOW DIAGRAM)



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TIME SLOT INTERCHANGER UNIT,
MODEL 2

DWG SIZE
88

ISSUE
11B

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SD-50045-01

SHEET
B-12AA

PART OF FS 12
0 SIDE CONTROL INTERFACE 0

SYMBOL NO. 1
CONTROL INTERFACE

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

DESIG	EOPT	LOC	CODE	ELEM	IDENT	OPT	DESIG	EOPT	LOC	CODE	ELEM	IDENT	OPT	DESIG	EOPT	LOC	CODE	ELEM	IDENT	OPT	DESIG	EOPT	LOC	CODE	ELEM	IDENT	OPT	
C100	04-018	UN71	A				C100	04-018	UN71	A				C100	04-018	UN71	A				C100	04-018	UN71	A				
LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE	
DESIG		MOD	OPT	OPT			DESIG		MOD	OPT	OPT			DESIG		MOD	OPT	OPT			DESIG		MOD	OPT	OPT			
*SV04LC0	PHR	+5	000		5/1		OSUD09	10	D9	406		5/2		00C15N	0	C15N	203		TO SWITCHING		00C3N	0	C3N	035		TO SWITCHING		
	PHR	+5	032		5/1		OSUD00	1	NPD	419		5/2							MODULE							MODULE		
	PHR	+5	100		5/1		OSUD00	1	NWR	519		5/2							APPLICATION							APPLICATION		
GRD04018	PHR	+5	152		5/1		OSUZER0	0	NINT	119			TO SWITCHING		00C15P	0	C15P	303		MODULE		00C3P	0	C3P	135		MODULE	
	I	NINT7N	001										PROCESSOR UNIT,						TO SWITCHING							TO SWITCHING		
	I	NINT6N	007										MODEL 2		00C16N	0	C16N	454		MODULE		00C4N	0	C4N	022		MODULE	
	I	NINT5N	014				OSUZ50	1	NBS	319			TO SWITCHING						TO SWITCHING							TO SWITCHING		
	I	NINT4N	020										MODULE		00C16P	0	C16P	554		APPLICATION							APPLICATION	
	I	NINT2N	039										PROCESSOR UNIT,						MODULE							MODULE		
	I	NINT1N	046				OSUZWT0	0	READY	019			MODEL 2		00C17N	0	C17N	448		TO SWITCHING		00C4P	0	C4P	122		TO SWITCHING	
	I	NINT0N	052										TO SWITCHING						MODULE							MODULE		
	I	NINT14N	207										PROCESSOR UNIT,		00C17P	0	C17P	548		APPLICATION							APPLICATION	
	I	NINT13N	214				OT2MHC1	1	2MHZ	044		5/5							TO SWITCHING		00C5N	0	C5N	016		TO SWITCHING		
	I	NINT12P	220				COCON	0	CON	054			TO SWITCHING						MODULE							MODULE		
	I	NINT11N	233										MODULE		00C18N	0	C18N	441		APPLICATION		00C5P	0	C5P	116		APPLICATION	
	I	NINT10N	239										SCHEMATIC						TO SWITCHING							TO SWITCHING		
	I	NINT9N	246				00C0P	0	C0P	154			MODULE		00C18P	0	C18P	541		MODULE							MODULE	
	I	NINT8N	252										APPLICATION		00C19N	0	C19N	435		SCHEMATIC							APPLICATION	
	I	NINT22N	407										SCHEMATIC						TO SWITCHING		00C6N	0	C6N	009		TO SWITCHING		
	I	NINT21N	414										TO SWITCHING		00C19P	0	C19P	535		MODULE							MODULE	
	I	NINT20N	420				00C1N	0	C1N	048			MODULE		00C2N	0	C2N	041		APPLICATION		00C6P	0	C6P	109		APPLICATION	
	I	NINT19N	433										APPLICATION						TO SWITCHING							TO SWITCHING		
	I	NINT18N	439			TO SWITCHING	00C1P	0	C1P	148			SCHEMATIC		00C2P	0	C2P	141		MODULE							MODULE	
	I	NINT17N	446			SCHEMATIC							MODULE						APPLICATION		00C7N	0	C7N	003		APPLICATION		
	I	NINT16N	452				00C10N	0	C10N	241			TO SWITCHING		00C20N	0	C20N	422		SCHEMATIC							TO SWITCHING	
	I	GRD	033										MODULE		00C20P	0	C20P	322		MODULE							MODULE	
	I	GRD	200										APPLICATION		00C21N	0	C21N	416		SCHEMATIC							APPLICATION	
	I	GRD	201										SCHEMATIC						TO SWITCHING		00C9N	0	C9N	248		TO SWITCHING		
	I	GRD	300										MODULE		00C21P	0	C21P	516		MODULE							MODULE	
	I	GRD	332										APPLICATION						APPLICATION		00C9P	0	C9P	348		APPLICATION		
OC-CP04L	OT	+CURPR	112		5/1		00C11N	0	C11N	235			SCHEMATIC		00C22N	0	C22N	409		SCHEMATIC							SCHEMATIC	
OC-CP04L	OT	-CURPR	012		5/1								TO SWITCHING						MODULE							MODULE		
QNAE	I	NAE	113		11/1		00C11P	0	C11P	335			MODULE		00C22P	0	C22P	509		APPLICATION							APPLICATION	
OSUAP	I	APAR	219		5/2								APPLICATION						TO SWITCHING		00C8P	0	C8P	354		TO SWITCHING		
OSUA1Z	I	A1	313		5/2								SCHEMATIC						MODULE							MODULE		
OSUA2	I	A2	312		5/2								MODULE		00C20N	0	C20N	422		APPLICATION							APPLICATION	
OSUA3	I	A3	306		5/2								APPLICATION						TO SWITCHING							TO SWITCHING		
OSUA4	I	A4	213		5/2								SCHEMATIC		00C20P	0	C20P	322		MODULE						MODULE		
OSUA5	I	A5	212		5/2								MODULE		00C21N	0	C21N	416		APPLICATION							APPLICATION	
OSUA6	I	A6	206		5/2								APPLICATION						TO SWITCHING							TO SWITCHING		
OSUDPH	10	DPARH	413		5/2								SCHEMATIC		00C20P	0	C20P	322		MODULE						MODULE		
OSUDPL	10	DPARL	513		5/2								TO SWITCHING		00C21N	0	C21N	416		MODULE						MODULE		
OSUD02	10	D0	512		5/2								MODULE						APPLICATION							APPLICATION		
OSUD12	10	D1	506		5/2								SCHEMATIC		00C21P	0	C21P	516		SCHEMATIC						SCHEMATIC		
OSUD102	10	D10	405		5/2								MODULE						TO SWITCHING							TO SWITCHING		
OSUD11Z	10	D11	404		5/2								MODULE						MODULE							MODULE		
OSUD12	10	D12	403		5/2								SCHEMATIC		00C22N	0	C22N	409		APPLICATION						APPLICATION		
OSUD13	10	D13	402		5/2								MODULE						TO SWITCHING							TO SWITCHING		
OSUD14	10	D14	401		5/2								MODULE						MODULE							MODULE		
OSUD15	10	D15	400		5/2								APPLICATION						APPLICATION							APPLICATION		
OSUD2	10	D2	505		5/2								SCHEMATIC						TO SWITCHING							TO SWITCHING		
OSUD3	10	D3	504		5/2								TO SWITCHING						MODULE							MODULE		
OSUD4	10	D4	503		5/2								MODULE						APPLICATION							APPLICATION		
OSUD5	10	D5	502		5/2								SCHEMATIC						TO SWITCHING							TO SWITCHING		
OSUD6	10	D6	501		5/2								MODULE						MODULE							MODULE		
OSUD7	10	D7	500		5/2								APPLICATION						APPLICATION							APPLICATION		
OSUD8	10	D8	412		5/2								SCHEMATIC						SCHEMATIC							SCHEMATIC		

PART OF FS 12
SYMBOL(S) 1

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TIME SLOT INTERCHANGER UNIT,
MODEL 2

DWG SIZE
C2

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SD-5D045-01

B#12CA

PART OF FS 12
0 SIDE CONTROL INTERFACE 0

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT		DESIG	EOPT LOC	CODE	ELEM IDENT	OPT		DESIG	EOPT LOC	CODE	ELEM IDENT	OPT		DESIG	EOPT LOC	CODE	ELEM IDENT	OPT					
	C100	04-018	UN71	A			C100	04-018	UN71	A			C100	04-018	UN71	A			C100	04-018	UN71	A						
B	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
						APPLICATION SCHEMATIC		001D17P	I	ID17P	590		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D5P	I	ID5P	118		TO SWITCHING MODULE APPLICATION SCHEMATIC		001NT18P	I	NINT18P	539		SCHEMATIC TO SWITCHING MODULE APPLICATION SCHEMATIC	
	001D0P	I	ID0P	156		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D18N	I	ID18N	443		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D6N	I	ID6N	011		TO SWITCHING MODULE APPLICATION SCHEMATIC		001NT19P	I	NINT19P	533		TO SWITCHING MODULE APPLICATION SCHEMATIC	
	001D1N	I	ID1N	090		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D18P	I	ID18P	543		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D6P	I	ID6P	111		TO SWITCHING MODULE APPLICATION SCHEMATIC		001NT2P	I	NINT2P	139		TO SWITCHING MODULE APPLICATION SCHEMATIC	
C	001D1P	I	ID1P	150		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D19N	I	ID19N	437		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D7N	I	ID7N	005		TO SWITCHING MODULE APPLICATION SCHEMATIC		001NT20P	I	NINT20P	520		TO SWITCHING MODULE APPLICATION SCHEMATIC	
	001D10N	I	ID10N	243		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D19P	I	ID19P	537		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D7P	I	ID7P	105		TO SWITCHING MODULE APPLICATION SCHEMATIC		001NT21P	I	NINT21P	514		TO SWITCHING MODULE APPLICATION SCHEMATIC	
	001D10P	I	ID10P	343		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D2N	I	ID2N	043		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D8N	I	ID8N	256		TO SWITCHING MODULE APPLICATION SCHEMATIC		001NT22P	I	NINT22P	507		TO SWITCHING MODULE APPLICATION SCHEMATIC	
D	001D11N	I	ID11N	237		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D2P	I	ID2P	143		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D8P	I	ID8P	356		TO SWITCHING MODULE APPLICATION SCHEMATIC		001NT3P	I	NINT3P	133		TO SWITCHING MODULE APPLICATION SCHEMATIC	
	001D11P	I	ID11P	337		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D20N	I	ID20N	424		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D9N	I	ID9N	250		TO SWITCHING MODULE APPLICATION SCHEMATIC		001NT4P	I	NINT4P	120		TO SWITCHING MODULE APPLICATION SCHEMATIC	
	001D12N	I	ID12N	224		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D20P	I	ID20P	524		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D9P	I	ID9P	350		TO SWITCHING MODULE APPLICATION SCHEMATIC		001NT5P	I	NINT5P	114		TO SWITCHING MODULE APPLICATION SCHEMATIC	
E	001D12P	I	ID12P	324		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D21N	I	ID21N	418		TO SWITCHING MODULE APPLICATION SCHEMATIC		001NT0	TP	TSI INT	244		TO SWITCHING MODULE APPLICATION SCHEMATIC		001NT6P	I	NINT6P	107		TO SWITCHING MODULE APPLICATION SCHEMATIC	
	001D13N	I	ID13N	218		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D21P	I	ID21P	518		TO SWITCHING MODULE APPLICATION SCHEMATIC		001NT1P	I	NINT1P	146		TO SWITCHING MODULE APPLICATION SCHEMATIC		001NT7P	I	NINT7P	101		TO SWITCHING MODULE APPLICATION SCHEMATIC	
	001D13P	I	ID13P	318		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D22N	I	ID22N	411		TO SWITCHING MODULE APPLICATION SCHEMATIC		001NT10P	I	NINT10P	339		TO SWITCHING MODULE APPLICATION SCHEMATIC		001NT8P	I	NINT8P	352		TO SWITCHING MODULE APPLICATION SCHEMATIC	
F	001D14N	I	ID14N	211		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D22P	I	ID22P	511		TO SWITCHING MODULE APPLICATION SCHEMATIC		001NT11P	I	NINT11P	333		TO SWITCHING MODULE APPLICATION SCHEMATIC		001NT9P	I	NINT9P	346		TO SWITCHING MODULE APPLICATION SCHEMATIC	
	001D14P	I	ID14P	311		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D3N	I	ID3N	037		TO SWITCHING MODULE APPLICATION SCHEMATIC		001NT12P	I	NINT12P	320		TO SWITCHING MODULE APPLICATION SCHEMATIC		00NCMFH	TP	NCMFH	151		311	
	001D15N	I	ID15N	205		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D3P	I	ID3P	137		TO SWITCHING MODULE APPLICATION SCHEMATIC		001NT13P	I	NINT13P	314		TO SWITCHING MODULE APPLICATION SCHEMATIC		00NCMFL	TP	NCMFL	051		311	
	001D15P	I	ID15P	305		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D4N	I	ID4N	024		TO SWITCHING MODULE APPLICATION SCHEMATIC		001NT14P	I	NINT14P	307		TO SWITCHING MODULE APPLICATION SCHEMATIC		00NDMFH	TP	NDMFH	145		311	
G	001D16N	I	ID16N	456		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D4P	I	ID4P	124		TO SWITCHING MODULE APPLICATION SCHEMATIC		001NT15P	I	NINT15P	301		TO SWITCHING MODULE APPLICATION SCHEMATIC		00NDMFL	TP	NDMFL	045		311	
	001D16P	I	ID16P	556		TO SWITCHING MODULE APPLICATION SCHEMATIC		001D5N	I	ID5N	018		TO SWITCHING MODULE APPLICATION SCHEMATIC		001NT16P	I	NINT16P	552		TO SWITCHING MODULE APPLICATION SCHEMATIC		00NSINT	TP	TPNSINT	138		311	
H	001D17N	I	ID17N	450		TO SWITCHING MODULE APPLICATION SCHEMATIC								001NT17P	I	NINT17P	546		TO SWITCHING MODULE APPLICATION SCHEMATIC		00ODCN	D	ODCN	055		TO SWITCHING MODULE		

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TIME SLOT INTERCHANGER UNIT,
MODEL 2

DWG SIZE
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SYMBOL(S) 1

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TIME SLOT INTERCHANGER UNIT, MODEL 2	DWG SIZE C2
AT&T BELL LABORATORIES	SD-5D045-01
ISSUE 11B	
B#12CB	

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PART OF FS 12
0 SIDE CONTROL INTERFACE 0

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

DESIG C100	EGPT LOC 04-018	CODE UN71	ELEM IDENT A	OPT ---	NOTE
LEAD DESIG	FUNC	TERM. MOD	TERM. MOD	TERM. OPT	DESTINATION
00000P	0	000P	155		TO SWITCHING MODULE APPLICATION SCHEMATIC
00001N	0	001N	049		TO SWITCHING MODULE APPLICATION SCHEMATIC
00001P	0	001P	149		TO SWITCHING MODULE APPLICATION SCHEMATIC
000010N	0	0010N	242		TO SWITCHING MODULE APPLICATION SCHEMATIC
000010P	0	0010P	342		TO SWITCHING MODULE APPLICATION SCHEMATIC
000011N	0	0011N	236		TO SWITCHING MODULE APPLICATION SCHEMATIC
000011P	0	0011P	336		TO SWITCHING MODULE APPLICATION SCHEMATIC
000012N	0	0012N	223		TO SWITCHING MODULE APPLICATION SCHEMATIC
000012P	0	0012P	323		TO SWITCHING MODULE APPLICATION SCHEMATIC
000013N	0	0013N	217		TO SWITCHING MODULE APPLICATION SCHEMATIC
000013P	0	0013P	317		TO SWITCHING MODULE APPLICATION SCHEMATIC
000014N	0	0014N	210		TO SWITCHING MODULE APPLICATION SCHEMATIC
000014P	0	0014P	310		TO SWITCHING MODULE APPLICATION SCHEMATIC
000015N	0	0015N	204		TO SWITCHING MODULE APPLICATION SCHEMATIC
000015P	0	0015P	304		TO SWITCHING MODULE APPLICATION SCHEMATIC
000016N	0	0016N	455		TO SWITCHING MODULE APPLICATION SCHEMATIC
000016P	0	0016P	555		TO SWITCHING MODULE APPLICATION SCHEMATIC
000017N	0	0017N	449		TO SWITCHING MODULE APPLICATION SCHEMATIC
000017P	0	0017P	549		TO SWITCHING MODULE APPLICATION SCHEMATIC
000018N	0	0018N	442		TO SWITCHING MODULE APPLICATION SCHEMATIC
000018P	0	0018P	542		TO SWITCHING MODULE APPLICATION SCHEMATIC
000019N	0	0019N	436		TO SWITCHING MODULE APPLICATION SCHEMATIC
000019P	0	0019P	536		TO SWITCHING MODULE APPLICATION SCHEMATIC
000020N	0	0020N	042		TO SWITCHING MODULE APPLICATION SCHEMATIC
000020P	0	0020P	142		TO SWITCHING MODULE APPLICATION SCHEMATIC
000021N	0	0021N	423		TO SWITCHING MODULE APPLICATION SCHEMATIC
000021P	0	0021P	523		TO SWITCHING MODULE APPLICATION SCHEMATIC
000022N	0	0022N	410		TO SWITCHING MODULE APPLICATION SCHEMATIC
000022P	0	0022P	510		TO SWITCHING MODULE APPLICATION SCHEMATIC
00003N	0	003N	036		TO SWITCHING MODULE APPLICATION SCHEMATIC
00003P	0	003P	136		TO SWITCHING MODULE APPLICATION SCHEMATIC
00004N	0	004N	023		TO SWITCHING MODULE APPLICATION SCHEMATIC
00004P	0	004P	123		TO SWITCHING MODULE APPLICATION SCHEMATIC
00005N	0	005N	017		TO SWITCHING MODULE APPLICATION SCHEMATIC
00006N	0	006N	010		TO SWITCHING MODULE APPLICATION SCHEMATIC
00006P	0	006P	110		TO SWITCHING MODULE APPLICATION SCHEMATIC
00007N	0	007N	004		TO SWITCHING MODULE APPLICATION SCHEMATIC
00007P	0	007P	104		TO SWITCHING MODULE APPLICATION SCHEMATIC
00008N	0	008N	255		TO SWITCHING MODULE APPLICATION SCHEMATIC
00008P	0	008P	355		TO SWITCHING MODULE APPLICATION SCHEMATIC
00009N	0	009N	249		TO SWITCHING MODULE APPLICATION SCHEMATIC
00009P	0	009P	349		TO SWITCHING MODULE APPLICATION SCHEMATIC
00RESET 0050N	1 0	RESET 50N	144 053		TO SWITCHING MODULE APPLICATION SCHEMATIC
0050P	0	50P	153		TO SWITCHING MODULE APPLICATION SCHEMATIC
0051N	0	51N	047		TO SWITCHING MODULE APPLICATION SCHEMATIC
0051P	0	51P	147		TO SWITCHING MODULE APPLICATION SCHEMATIC
00510N	0	510N	240		TO SWITCHING MODULE APPLICATION SCHEMATIC
00510P	0	510P	340		TO SWITCHING MODULE APPLICATION SCHEMATIC
00511N	0	511N	234		TO SWITCHING MODULE APPLICATION SCHEMATIC
00511P	0	511P	334		TO SWITCHING MODULE APPLICATION SCHEMATIC
00512N	0	512N	221		TO SWITCHING MODULE APPLICATION SCHEMATIC
00512P	0	512P	321		TO SWITCHING MODULE APPLICATION SCHEMATIC
00513N	0	513N	215		TO SWITCHING MODULE APPLICATION SCHEMATIC
00513P	0	513P	315		TO SWITCHING MODULE APPLICATION SCHEMATIC
00514N	0	514N	208		TO SWITCHING MODULE APPLICATION SCHEMATIC
00514P	0	514P	308		TO SWITCHING MODULE APPLICATION SCHEMATIC
00515N	0	515N	202		TO SWITCHING MODULE APPLICATION SCHEMATIC
00515P	0	515P	302		TO SWITCHING MODULE APPLICATION SCHEMATIC
00516N	0	516N	453		TO SWITCHING MODULE APPLICATION SCHEMATIC
00516P	0	516P	553		TO SWITCHING MODULE APPLICATION SCHEMATIC
00517N	0	517N	447		TO SWITCHING MODULE APPLICATION SCHEMATIC
00517P	0	517P	547		TO SWITCHING MODULE APPLICATION SCHEMATIC
00518N	0	518N	440		TO SWITCHING MODULE APPLICATION SCHEMATIC
00518P	0	518P	540		TO SWITCHING MODULE APPLICATION SCHEMATIC
00519N	0	519N	434		TO SWITCHING MODULE APPLICATION SCHEMATIC
00519P	0	519P	534		TO SWITCHING MODULE APPLICATION SCHEMATIC
0052N	0	52N	040		TO SWITCHING MODULE APPLICATION SCHEMATIC

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MODEL 2

DWG SIZE
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SD-5D045-01

B#12CC

PART OF FS 12													
0 SIDE CONTROL INTERFACE 0													
SYMBOL NO. 1 (CONT)							SYMBOL NO. 1 (CONT)						
CONTROL INTERFACE							CONTROL INTERFACE						
DESIG	EQPT	CODE	ELEM	OPT			DESIG	EQPT	CODE	ELEM	OPT		
CT00	04-018	UN71	A				CT00	04-018	UN71	A			
LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE
DESIG	MOD	MOD	MOD	OPT			DESIG	MOD	MOD	MOD	OPT		
00S2P	0	S2P	140		TO SWITCHING		00S9N	0	S9N	247		TO SWITCHING	
					MODULE							MODULE	
					APPLICATION							APPLICATION	
					SCHEMATIC							SCHEMATIC	
00S20N	0	S20N	421		TO SWITCHING		00S9P	0	S9P	347		TO SWITCHING	
					MODULE							MODULE	
					APPLICATION							APPLICATION	
					SCHEMATIC							SCHEMATIC	
00S20P	0	S20P	521		TO SWITCHING		00TPNM1	TP	TPNM1	038		TO SWITCHING	311
					MODULE							MODULE	
					APPLICATION							APPLICATION	
					SCHEMATIC							SCHEMATIC	
00S21N	0	S21N	415		TO SWITCHING								
					MODULE								
					APPLICATION								
					SCHEMATIC								
00S21P	0	S21P	515		TO SWITCHING								
					MODULE								
					APPLICATION								
					SCHEMATIC								
00S22N	0	S22N	408		TO SWITCHING								
					MODULE								
					APPLICATION								
					SCHEMATIC								
00S22P	0	S22P	508		TO SWITCHING								
					MODULE								
					APPLICATION								
					SCHEMATIC								
00S3N	0	S3N	034		TO SWITCHING								
					MODULE								
					APPLICATION								
					SCHEMATIC								
00S3P	0	S3P	134		TO SWITCHING								
					MODULE								
					APPLICATION								
					SCHEMATIC								
00S4N	0	S4N	021		TO SWITCHING								
					MODULE								
					APPLICATION								
					SCHEMATIC								
00S4P	0	S4P	121		TO SWITCHING								
					MODULE								
					APPLICATION								
					SCHEMATIC								
00S5N	0	S5N	015		TO SWITCHING								
					MODULE								
					APPLICATION								
					SCHEMATIC								
00S5P	0	S5P	115		TO SWITCHING								
					MODULE								
					APPLICATION								
					SCHEMATIC								
00S6N	0	S6N	008		TO SWITCHING								
					MODULE								
					APPLICATION								
					SCHEMATIC								
00S6P	0	S6P	108		TO SWITCHING								
					MODULE								
					APPLICATION								
					SCHEMATIC								
00S7N	0	S7N	002		TO SWITCHING								
					MODULE								
					APPLICATION								
					SCHEMATIC								
00S7P	0	S7P	102		TO SWITCHING								
					MODULE								
					APPLICATION								
					SCHEMATIC								
00S8N	0	S8N	253		TO SWITCHING								
					MODULE								
					APPLICATION								
					SCHEMATIC								
00S8P	0	S8P	353		TO SWITCHING								
					MODULE								
					APPLICATION								
					SCHEMATIC								

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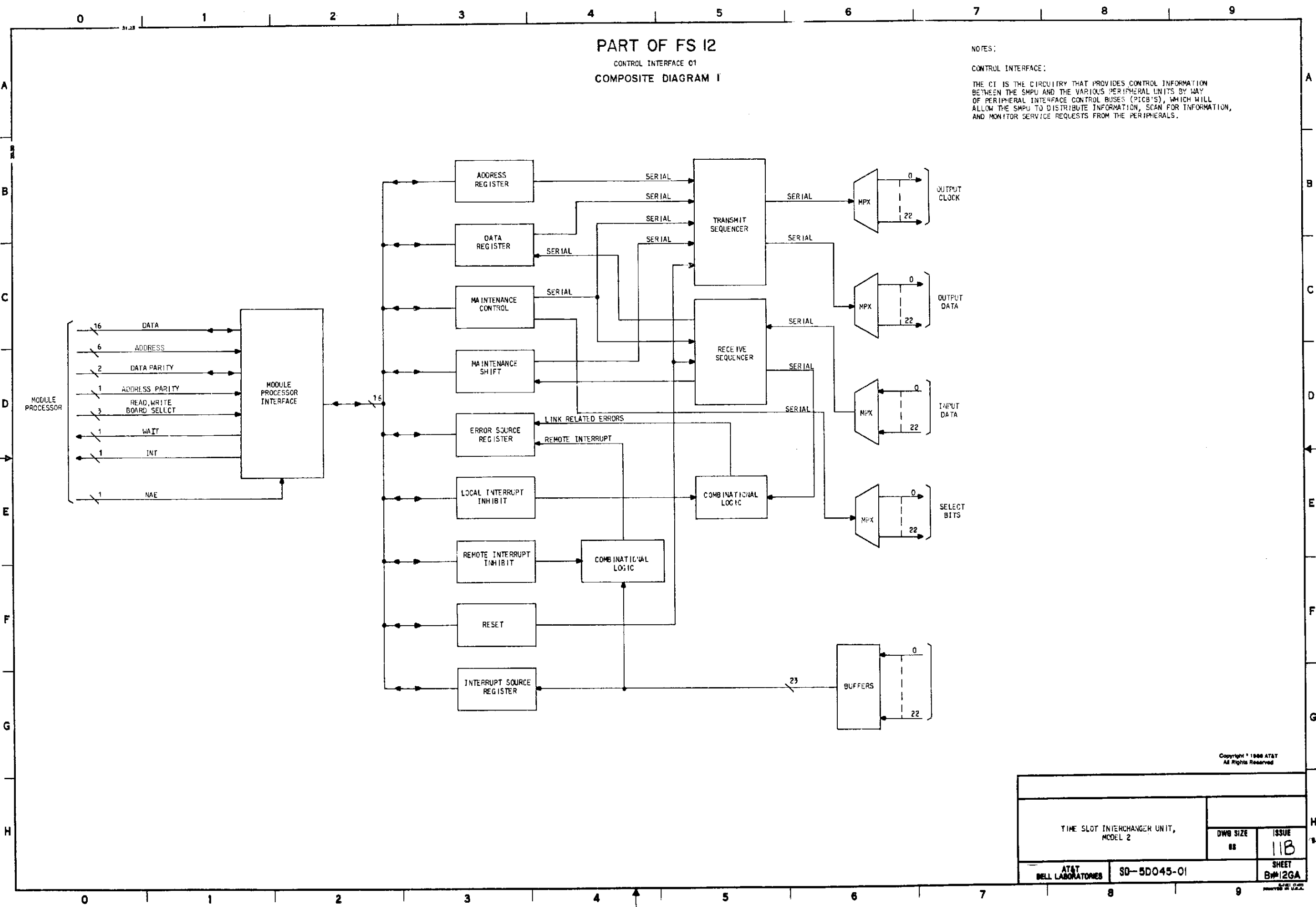
DWG SIZE
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ISSUE
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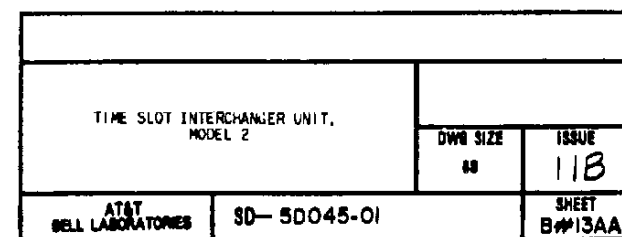


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TIME SLOT INTERCHANGER UNIT, MODEL 2		
DWG SIZE 08	ISSUE 11B	
AT&T BELL LABORATORIES	SD-5D045-01	SHEET B#12GA

5/81 GPO
REVISED 8/82

1 SIDE CONTROL INTERFACE 1
(P/O INTERCONNECTION & FLOW DIAGRAM)



PART OF FS 13 1 SIDE CONTROL INTERFACE 1																											
SYMBOL NO. 1 CONTROL INTERFACE							SYMBOL NO. 1 (CONT) CONTROL INTERFACE							SYMBOL NO. 1 (CONT) CONTROL INTERFACE							SYMBOL NO. 1 (CONT) CONTROL INTERFACE						
DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT		
C111	04-172	UN71	A	---			C111	04-172	UN71	A	---			C111	04-172	UN71	A	---			C111	04-172	UN71	A	---		
LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE
DESIG	---	MOD	---	OPT	---	---	DESIG	---	MOD	---	OPT	---	---	DESIG	---	MOD	---	OPT	---	---	DESIG	---	MOD	---	OPT	---	---
+5V04LC1	PWR	+5	000		6/1		1SUD6	10	D6	501		6/2		11C14P	0	C14P	309				11C22P	0	C22P	509			
	PWR	+5	032		6/1		1SUD7	10	D7	500		6/2															
	PWR	+5	100		6/1		1SUD8	10	D8	412		6/2															
GRD04172	PHR	+5	132		6/1		1SUD9	10	D9	406		6/2		11C15N	0	C15N	203				11C3N	0	C3N	035			
	I	NINT7N	001				1SUD0	I	NRO	419		6/2															
	I	NINT6N	007				1SUMRO	I	NWR	519		6/2															
	I	NINT5N	014				1SU3ERR0	0	NINT	119				11C15P	0	C15P	303				11C3P	0	C3P	135			
	I	NINT4N	020									TO SWITCHING															
	I	NINT2N	039									MODULE															
	I	NINT1N	046				1SU3S0	I	NBS	319																	
	I	NINT0N	052									MODULE		11C16N	0	C16N	454				11C4N	0	C4N	022			
	I	NINT14N	207									PROCESSOR UNIT,															
	I	NINT13N	214				1SU3WT0	0	READY	019																	
	I	NINT12P	220									MODULE		11C16P	0	C16P	554				11C4P	0	C4P	122			
	I	NINT11N	233									PROCESSOR UNIT,															
	I	NINT10N	239				1T2MHCI	I	2MHZ	044		6/5		11C17N	0	C17N	443				11C5N	0	C5N	016			
	I	NINT9N	246				101NTO	TP	TSI INT	244																	
	I	NINT8N	252				11CON	0	CON	054																	
	I	NINT22N	407									TO SWITCHING		11C17P	0	C17P	543				11C5P	0	C5P	116			
	I	NINT21N	414									MODULE															
	I	NINT20N	420				11C0P	0	C0P	154																	
	I	NINT19N	433									MODULE		11C18N	0	C18N	441				11C6N	0	C6N	009			
	I	NINT18N	439				11C1N	0	C1N	048																	
	I	NINT17N	446									MODULE		11C18P	0	C18P	541				11C6P	0	C6P	109			
	I	NINT16N	452				11C1P	0	C1P	148																	
	GRD	GRD	033									MODULE		11C19N	0	C19N	435				11C7N	0	C7N	003			
	GRD	GRD	200				11C10N	0	C10N	241																	
	GRD	NINT15N	201									MODULE		11C19P	0	C19P	535				11C7P	0	C7P	103			
	GRD	GRD	300				11C10P	0	C10P	341																	
	GRD	GRD	332				11C11N	0	C11N	235																	
1C-CP04L	OT	+CURPR	112		6/1							MODULE		11C2N	0	C2N	041				11C8N	0	C8N	254			
1C-CP04L	OT	-CURPR	012		6/1		11C10P	0	C10P	341																	
1NAE	I	NAE	113		14/1							MODULE		11C2P	0	C2P	141				11C8P	0	C8P	354			
					TO SWITCHING		11C11N	0	C11N	235																	
					MODULE							MODULE		11C20N	0	C20N	422				11C9N	0	C9N	248			
					PROCESSOR UNIT,							MODULE		11C20P	0	C20P	522				11C9P	0	C9P	348			
					MODEL 2							MODULE															
1SUAP	I	APAR	219		6/2							MODULE		11C21N	0	C21N	416				111DATA0	TP	N1DATA0	238			311
1SUA1Z	I	A1	313		6/2		11C11P	0	C11P	335																	
1SUA2	I	A2	312		6/2							MODULE		11C21P	0	C21P	516										
					6/2							MODULE															
1SUA3	I	A3	306		6/2		11C12N	0	C12N	222				11C20N	0	C20N	422										
1SUA4	I	A4	213		6/2							MODULE															
1SUA5	I	A5	212		6/2							MODULE		11C20P	0	C20P	522										
					6/2		11C12P	0	C12P	322																	
1SUA6	I	A6	206		6/2							MODULE															
1SUDPH	10	DPARH	413		6/2							MODULE		11C21N	0	C21N	416										
1SUDPL	10	DPARL	513		6/2							MODULE		11C21P	0	C21P	516										
					6/2							MODULE															
1SUD0Z	10	D0	512		6/2		11C13N	0	C13N	216				11C22N	0	C22N	409										
1SUD1Z	10	D1	506		6/2							MODULE															
1SUD10Z	10	D10	405		6/2							MODULE															
					6/2							MODULE															
1SUD11Z	10	D11	404		6/2		11C13P	0	C13P	316																	
1SUD12	10	D12	403		6/2							MODULE															
1SUD13	10	D13	402		6/2							MODULE															
					6/2							MODULE															
1SUD14	10	D14	401		6/2		11C14N	0	C14N	209																	
1SUD15	10	D15	400		6/2							MODULE															
1SUD2	10	D2	505		6/2							MODULE															
					6/2							MODULE															
1SUD3	10	D3	504		6/2							MODULE															
1SUD4	10	D4	503		6/2							MODULE															
1SUD5	10	D5	502		6/2							MODULE															
					6/2							MODULE															
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PART OF FS 13 1 SIDE CONTROL INTERFACE 1																											
SYMBOL NO. 1 (CONT) CONTROL INTERFACE							SYMBOL NO. 1 (CONT) CONTROL INTERFACE							SYMBOL NO. 1 (CONT) CONTROL INTERFACE							SYMBOL NO. 1 (CONT) CONTROL INTERFACE						
DESIG C111	EOPT LOC 04-172	CODE UN71	ELEM IDENT A	OPT ---			DESIG C111	EOPT LOC 04-172	CODE UN71	ELEM IDENT A	OPT ---			DESIG C111	EOPT LOC 04-172	CODE UN71	ELEM IDENT A	OPT ---			DESIG C111	EOPT LOC 04-172	CODE UN71	ELEM IDENT A	OPT ---		
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
111DATA1	TP	N1DATA1	245			311	111D17N	I	ID17N	450		TO SWITCHING MODULE APPLICATION SCHEMATIC		111D5N	I	ID5N	018		TO SWITCHING MODULE APPLICATION SCHEMATIC		111NT16P	I	N1NT16P	552		TO SWITCHING MODULE APPLICATION SCHEMATIC	
111DATA2	TP	N1DATA2	251			311	111D17P	I	ID17P	550		TO SWITCHING MODULE APPLICATION SCHEMATIC		111D5P	I	ID5P	118		TO SWITCHING MODULE APPLICATION SCHEMATIC		111NT17P	I	N1NT17P	546		TO SWITCHING MODULE APPLICATION SCHEMATIC	
111D0N	I	ID0N	056		TO SWITCHING MODULE APPLICATION SCHEMATIC		111D18N	I	ID18N	443		TO SWITCHING MODULE APPLICATION SCHEMATIC		111D6N	I	ID6N	011		TO SWITCHING MODULE APPLICATION SCHEMATIC		111NT18P	I	N1NT18P	539		TO SWITCHING MODULE APPLICATION SCHEMATIC	
111D0P	I	ID0P	156		TO SWITCHING MODULE APPLICATION SCHEMATIC		111D18P	I	ID18P	543		TO SWITCHING MODULE APPLICATION SCHEMATIC		111D6P	I	ID6P	111		TO SWITCHING MODULE APPLICATION SCHEMATIC		111NT19P	I	N1NT19P	533		TO SWITCHING MODULE APPLICATION SCHEMATIC	
111D1N	I	ID1N	050		TO SWITCHING MODULE APPLICATION SCHEMATIC		111D19N	I	ID19N	437		TO SWITCHING MODULE APPLICATION SCHEMATIC		111D7N	I	ID7N	005		TO SWITCHING MODULE APPLICATION SCHEMATIC		111NT2P	I	N1NT2P	139		TO SWITCHING MODULE APPLICATION SCHEMATIC	
111D1P	I	ID1P	150		TO SWITCHING MODULE APPLICATION SCHEMATIC		111D19P	I	ID19P	537		TO SWITCHING MODULE APPLICATION SCHEMATIC		111D7P	I	ID7P	105		TO SWITCHING MODULE APPLICATION SCHEMATIC		111NT20P	I	N1NT20P	520		TO SWITCHING MODULE APPLICATION SCHEMATIC	
111D10N	I	ID10N	243		TO SWITCHING MODULE APPLICATION SCHEMATIC		111D2N	I	ID2N	043		TO SWITCHING MODULE APPLICATION SCHEMATIC		111D8N	I	ID8N	236		TO SWITCHING MODULE APPLICATION SCHEMATIC		111NT21P	I	N1NT21P	514		TO SWITCHING MODULE APPLICATION SCHEMATIC	
111D10P	I	ID10P	343		TO SWITCHING MODULE APPLICATION SCHEMATIC		111D2P	I	ID2P	143		TO SWITCHING MODULE APPLICATION SCHEMATIC		111D8P	I	ID8P	356		TO SWITCHING MODULE APPLICATION SCHEMATIC		111NT22P	I	N1NT22P	507		TO SWITCHING MODULE APPLICATION SCHEMATIC	
111D11N	I	ID11N	237		TO SWITCHING MODULE APPLICATION SCHEMATIC		111D20N	I	ID20N	424		TO SWITCHING MODULE APPLICATION SCHEMATIC		111D9N	I	ID9N	250		TO SWITCHING MODULE APPLICATION SCHEMATIC		111NT3P	I	N1NT3P	133		TO SWITCHING MODULE APPLICATION SCHEMATIC	
111D11P	I	ID11P	337		TO SWITCHING MODULE APPLICATION SCHEMATIC		111D20P	I	ID20P	524		TO SWITCHING MODULE APPLICATION SCHEMATIC		111D9P	I	ID9P	350		TO SWITCHING MODULE APPLICATION SCHEMATIC		111NT4P	I	N1NT4P	120		TO SWITCHING MODULE APPLICATION SCHEMATIC	
111D12N	I	ID12N	224		TO SWITCHING MODULE APPLICATION SCHEMATIC		111D21N	I	ID21N	418		TO SWITCHING MODULE APPLICATION SCHEMATIC		111NT0P	I	N1NT0P	152		TO SWITCHING MODULE APPLICATION SCHEMATIC		111NT5P	I	N1NT5P	114		TO SWITCHING MODULE APPLICATION SCHEMATIC	
111D12P	I	ID12P	324		TO SWITCHING MODULE APPLICATION SCHEMATIC		111D21P	I	ID21P	518		TO SWITCHING MODULE APPLICATION SCHEMATIC		111NT1P	I	N1NT1P	146		TO SWITCHING MODULE APPLICATION SCHEMATIC		111NT6P	I	N1NT6P	107		TO SWITCHING MODULE APPLICATION SCHEMATIC	
111D13N	I	ID13N	218		TO SWITCHING MODULE APPLICATION SCHEMATIC		111D22N	I	ID22N	411		TO SWITCHING MODULE APPLICATION SCHEMATIC		111NT10P	I	N1NT10P	339		TO SWITCHING MODULE APPLICATION SCHEMATIC		111NT7P	I	N1NT7P	101		TO SWITCHING MODULE APPLICATION SCHEMATIC	
111D13P	I	ID13P	318		TO SWITCHING MODULE APPLICATION SCHEMATIC		111D22P	I	ID22P	511		TO SWITCHING MODULE APPLICATION SCHEMATIC		111NT11P	I	N1NT11P	333		TO SWITCHING MODULE APPLICATION SCHEMATIC		111NT8P	I	N1NT8P	352		TO SWITCHING MODULE APPLICATION SCHEMATIC	
111D14N	I	ID14N																									

PART OF FS 13			
SYMBOL(S) 1			
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TIME SLOT INTERCHANGER UNIT, MODEL 2	<table border="1"> <tr> <td>DWG SIZE C</td> <td>ISSUE 11B</td> </tr> </table>	DWG SIZE C	ISSUE 11B
DWG SIZE C	ISSUE 11B		
AT&T BELL LABORATORIES	SD-5D045-01 B#13CB		

PART OF FS 13
1 SIDE CONTROL INTERFACE 1

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

DESIG	EOPT	CODE	ELEM	OPT	DESIG	EOPT	CODE	ELEM	OPT	DESIG	EOPT	CODE	ELEM	OPT	DESIG	EOPT	CODE	ELEM	OPT										
C111	04-172	UN71	A		C111	04-172	UN71	A		C111	04-172	UN71	A		C111	04-172	UN71	A											
LEAD	DESIG	FUNC	TERM.	MOD	TERM.	TERM.	OPT	DESTINATION	NOTE	LEAD	DESIG	FUNC	TERM.	MOD	TERM.	TERM.	OPT	DESTINATION	NOTE	LEAD	DESIG	FUNC	TERM.	MOD	TERM.	TERM.	OPT	DESTINATION	NOTE
11NDMFL	TP	NDMFL	051					TO SWITCHING	311	110017N	0	0017N	449					TO SWITCHING		11005P	0	005P	117					TO SWITCHING	
11NDMFH	TP	NDMFH	145					MODULE	311	110017P	0	0017P	549					MODULE		11006N	0	006N	010					MODULE	
11NDMFL	TP	NDMFL	045					APPLICATION	311	110018N	0	0018N	442					APPLICATION		11006P	0	006P	110					APPLICATION	
11NSINT	TP	TPNSINT	138					SCHEMATIC	311	110018P	0	0018P	542					SCHEMATIC		11007N	0	007N	004					SCHEMATIC	
11000N	0	000N	055					TO SWITCHING		110019N	0	0019N	436					TO SWITCHING		11007P	0	007P	104					TO SWITCHING	
11000P	0	000P	155					MODULE		110019P	0	0019P	535					MODULE		11008N	0	008N	255					MODULE	
11001N	0	001N	049					APPLICATION		11002N	0	002N	042					APPLICATION		11008P	0	008P	355					APPLICATION	
11001P	0	001P	149					SCHEMATIC		11002P	0	002P	142					SCHEMATIC		11009N	0	009N	249					SCHEMATIC	
110010N	0	0010N	242					TO SWITCHING		110020N	0	0020N	423					TO SWITCHING		11009P	0	009P	349					TO SWITCHING	
110010P	0	0010P	342					MODULE		110020P	0	0020P	523					MODULE		11RESET	1	RESET	144					MODULE	
110011N	0	0011N	236					APPLICATION		110021N	0	0021N	417					APPLICATION		11SON	0	SON	053					APPLICATION	
110011P	0	0011P	336					SCHEMATIC		110021P	0	0021P	517					SCHEMATIC		11S0P	0	S0P	153					SCHEMATIC	
110012N	0	0012N	223					TO SWITCHING		110022N	0	0022N	410					TO SWITCHING		11S1N	0	S1N	047					TO SWITCHING	
110012P	0	0012P	323					MODULE		110022P	0	0022P	510					MODULE		11S1P	0	S1P	147					MODULE	
110013N	0	0013N	217					APPLICATION		11003N	0	003N	036					APPLICATION		11S10N	0	S10N	240					APPLICATION	
110013P	0	0013P	317					SCHEMATIC		11003P	0	003P	136					SCHEMATIC		11S10P	0	S10P	340					SCHEMATIC	
110014N	0	0014N	210					TO SWITCHING		11004N	0	004N	023					TO SWITCHING		11S11N	0	S11N	234					TO SWITCHING	
110014P	0	0014P	310					MODULE		11004P	0	004P	123					MODULE		11S11P	0	S11P	334					MODULE	
110015N	0	0015N	204					APPLICATION		11005N	0	005N	017					APPLICATION		11S12N	0	S12N	221					APPLICATION	
110015P	0	0015P	304					SCHEMATIC										SCHEMATIC		11S12P	0	S12P	321					SCHEMATIC	
110016N	0	0016N	455					TO SWITCHING										TO SWITCHING											
110016P	0	0016P	555					MODULE										MODULE											

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TIME SLOT INTERCHANGER UNIT,
MODEL 2

DWG SIZE
11R

PART OF FS 13
SYMBOL(S) 1

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TIME SLOT INTERCHANGER UNIT, MODEL 2	DWG SIZE C2
AT&T BELL LABORATORIES	SD-50045-01
ISSUE 11B	
B#13CC	

PRINTED IN U.S.A.

PART OF FS 13 1 SIDE CONTROL INTERFACE 1													
SYMBOL NO. 1 (CONT) CONTROL INTERFACE							SYMBOL NO. 1 (CONT) CONTROL INTERFACE						
DESIG C111	EOPF LOC 04-172	CODE UN71	ELEM IDENT A	OPT ---			DESIG C111	EOPF LOC 04-172	CODE UN71	ELEM IDENT A	OPT ---		
LEAD DESIG	FUNC	TERM. MOD	TERM. ---	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. ---	TERM. OPT	DESTINATION	NOTE
11S2P	0	S2P	140		APPLICATION SCHEMATIC TO SWITCHING MODULE APPLICATION SCHEMATIC		11S9N	0	S9N	247		TO SWITCHING MODULE APPLICATION SCHEMATIC	
11S20N	0	S20N	421		TO SWITCHING MODULE APPLICATION SCHEMATIC		11S9P	0	S9P	347		TO SWITCHING MODULE APPLICATION SCHEMATIC	
11S20P	0	S20P	521		TO SWITCHING MODULE APPLICATION SCHEMATIC		11TPNM1	TP	TPNM1	038		TO SWITCHING MODULE APPLICATION SCHEMATIC	311
11S21N	0	S21N	415		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11S21P	0	S21P	515		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11S22N	0	S22N	408		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11S22P	0	S22P	508		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11S3N	0	S3N	034		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11S3P	0	S3P	134		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11S4N	0	S4N	021		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11S4P	0	S4P	121		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11S5N	0	S5N	015		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11S5P	0	S5P	115		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11S6N	0	S6N	008		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11S6P	0	S6P	108		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11S7N	0	S7N	002		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11S7P	0	S7P	102		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11S8N	0	S8N	253		TO SWITCHING MODULE APPLICATION SCHEMATIC								
11S8P	0	S8P	353		TO SWITCHING MODULE APPLICATION SCHEMATIC								

PART OF FS 13
SYMBOL(S) 1

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TIME SLOT INTERCHANGER UNIT,
MODEL 2

DWG SIZE
A2

ISSUE
11B

AT&T
BELL LABORATORIES

SD-5D045-01

B#13CD

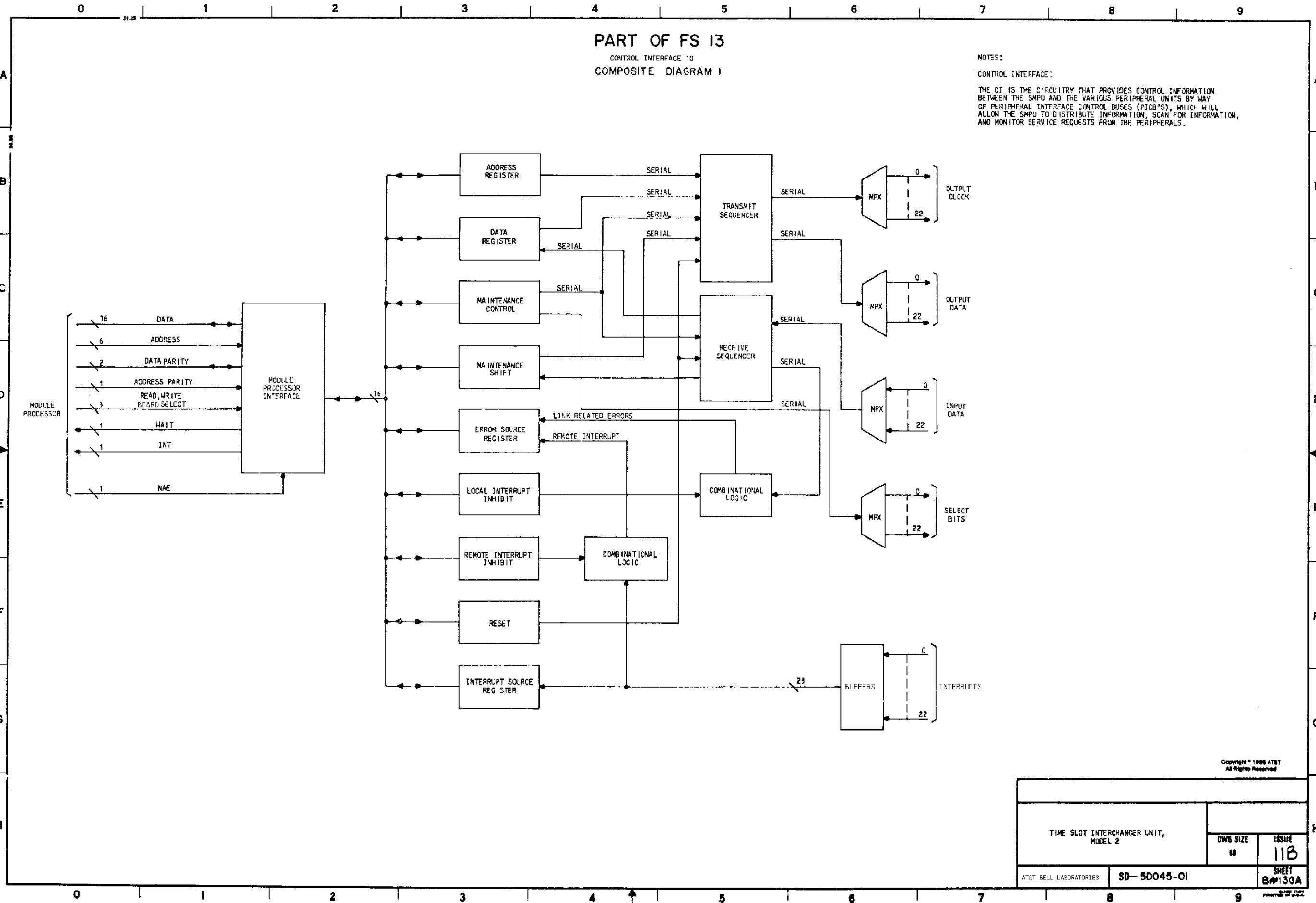
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PART OF FS 13

SYMBOL(S) 1

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TIME SLOT INTERCHANGER UNIT, MODEL 2	DWG SIZE C2	ISSUE 11B
AT&T BELL LABORATORIES	SD-5D045-01	B#13CD

PRINTED IN U.S.A.



NOTES:
CONTROL INTERFACE:
THE CI IS THE CIRCUITRY THAT PROVIDES CONTROL INFORMATION BETWEEN THE SMPU AND THE VARIOUS PERIPHERAL UNITS BY WAY OF PERIPHERAL INTERFACE CONTROL BUSES (PICB'S), WHICH WILL ALLOW THE SMPU TO DISTRIBUTE INFORMATION, SCAN FOR INFORMATION, AND MONITOR SERVICE REQUESTS FROM THE PERIPHERALS.

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TIME SLOT INTERCHANGER UNIT, MODEL 2			DWG SIZE 11	ISSUE 11B
AT&T BELL LABORATORIES		SD-5D045-01		SHEET 8413GA

1 SIDE CONTROL INTERFACE 0
(P/O INTERCONNECTION & FLOW DIAGRAM)



DWG SIZE
63

SD-50045-01

SHEET
B#14AA

STARTED IN U.S.

PART OF FS 14
1 SIDE CONTROL INTERFACE 0

SYMBOL NO. 1
CONTROL INTERFACE

DESIG	ECPT LOC	CODE	ELEM IDENT	OPT		
C110	04-164	UN71	A			
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	
1004LC1	PHR	+5	000	6/1		
	PHR	+5	032	6/1		
	PHR	+5	100	6/1		
GR004164	PHR	+5	132	6/1		
	I	NINT7N	001			
	I	NINT6N	007			
	I	NINT5N	014			
	I	NINT4N	020			
	I	NINT2N	039			
	I	NINT1N	046			
	I	NINT0N	052			
	I	NINT14N	207			
	I	NINT13N	214			
	I	NINT12P	220			
	I	NINT11N	233			
	I	NINT10N	239	TO SWITCHING MODULE APPLICATION SCHEMATIC		
	I	NINT9N	246			
	I	NINT8N	252			
	I	NINT22N	407			
	I	NINT21N	414			
	I	NINT20N	420			
	I	NINT19N	433			
	I	NINT18N	439			
	I	NINT17N	446			
	I	NINT16N	452			
	GRD	GRD	033			
	GRD	GRD	200			
	GRD	NINT15N	201			
	GRD	GRD	300			
	GRD	GRD	332			
1C+CP04L	OT	+CURPR	112	6/1		
1C-CP04L	OT	-CURPR	012	6/1		
1NAE	I	NAE	113	13/1		
1SUAP	I	APAR	219	6/2		
1SUA12	I	A1	313	6/2		
1SUA2	I	A2	312	6/2		
1SUA3	I	A3	306	6/2		
1SUA4	I	A4	213	6/2		
1SUA5	I	A5	212	6/2		
1SUA6	I	A6	206	6/2		
1SUOPH	IO	DPAH	413	6/2		
1SUOPL	IO	DPAH	513	6/2		
1SUD02	IO	D0	512	6/2		
1SUD12	IO	D1	506	6/2		
1SUD102	IO	D10	405	6/2		
1SUD112	IO	D11	404	6/2		
1SUD12	IO	D12	403	6/2		
1SUD13	IO	D13	402	6/2		
1SUD14	IO	D14	401	6/2		
1SUD15	IO	D15	400	6/2		
1SUD2	IO	D2	505	6/2		
1SUD3	IO	D3	504	6/2		
1SUD4	IO	D4	503	6/2		
1SUD5	IO	D5	502	6/2		
1SUD6	IO	D6	501	6/2		
1SUD7	IO	D7	500	6/2		
1SUD8	IO	D8	412	6/2		

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

DESIG	ECPT LOC	CODE	ELEM IDENT	OPT		
C110	04-164	UN71	A			
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	
1SUD9	IO	D9	406	6/2		
1SUD00	I	NRO	419	6/2		
1SUWRO	I	NHR	519	6/2		
1SUZERRO	O	NINT	119	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
1SUZSO	I	NBS	319	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
1SUZHTO	O	READY	019	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
1TZMHC1	I	ZMHZ	044	6/5		
10C0N	O	C0N	054	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C0P	O	C0P	154	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C1N	O	C1N	048	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C1P	O	C1P	148	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C10N	O	C10N	241	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C10P	O	C10P	341	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C11N	O	C11N	235	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C11P	O	C11P	335	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C12N	O	C12N	222	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C12P	O	C12P	322	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C13N	O	C13N	216	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C13P	O	C13P	316	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C14N	O	C14N	209	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C14P	O	C14P	309	TO SWITCHING MODULE APPLICATION SCHEMATIC		

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

DESIG	ECPT LOC	CODE	ELEM IDENT	OPT		
C110	04-164	UN71	A			
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	
10C15N	O	C15N	203	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C15P	O	C15P	303	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C16N	O	C16N	454	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C16P	O	C16P	554	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C17N	O	C17N	443	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C17P	O	C17P	548	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C18N	O	C18N	441	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C18P	O	C18P	541	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C19N	O	C19N	435	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C19P	O	C19P	535	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C2N	O	C2N	041	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C2P	O	C2P	141	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C20N	O	C20N	422	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C20P	O	C20P	522	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C21N	O	C21N	416	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C21P	O	C21P	516	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C22N	O	C22N	409	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C22P	O	C22P	509	TO SWITCHING MODULE APPLICATION SCHEMATIC		

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

DESIG	ECPT LOC	CODE	ELEM IDENT	OPT		
C110	04-164	UN71	A			
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	
10C3N	O	C3N	035	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C3P	O	C3P	135	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C4N	O	C4N	022	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C4P	O	C4P	122	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C5N	O	C5N	016	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C5P	O	C5P	116	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C6N	O	C6N	009	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C6P	O	C6P	109	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C7N	O	C7N	003	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C7P	O	C7P	103	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C8N	O	C8N	254	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C8P	O	C8P	354	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C9N	O	C9N	248	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10C9P	O	C9P	348	TO SWITCHING MODULE APPLICATION SCHEMATIC		
10IDATA0	TP	NIDATA0	238			311
10IDATA1	TP	NIDATA1	245			311
10IDATA2	TP	NIDATA2	251			311
10IDON	I	IDON	056	TO SWITCHING MODULE		

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SYMBOL(S) 1

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TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE C2	ISSUE 11B
AT&T BELL LABORATORIES		SD-50045-01	
		B#14CA	

PART OF FS 14 1 SIDE CONTROL INTERFACE 0									
SYMBOL NO. 1 (CONT) CONTROL INTERFACE									
DESIG	EQPT	CODE	ELEM	OPT	DESIG	EQPT	CODE	ELEM	OPT
CI10	04-164	UN71	A	---	CI10	04-164	UN71	A	---
LEAD	FUNC	TERM.	TERM.	DESTINATION	LEAD	FUNC	TERM.	TERM.	DESTINATION
DESIG	MOD	MOD	OPT	NOTE	DESIG	MOD	MOD	OPT	NOTE
101D0P	I	100P	156	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D17P	I	1017P	550	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D1N	I	101N	050	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D18N	I	1018N	443	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D1P	I	101P	150	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D18P	I	1018P	543	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D10N	I	1010N	243	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D19N	I	1019N	437	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D10P	I	1010P	343	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D19P	I	1019P	537	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D11N	I	1011N	237	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D2N	I	102N	043	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D11P	I	1011P	337	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D2P	I	102P	143	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D12N	I	1012N	224	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D20N	I	1020N	424	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D12P	I	1012P	324	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D20P	I	1020P	524	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D13N	I	1013N	218	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D21N	I	1021N	418	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D13P	I	1013P	318	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D21P	I	1021P	518	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D14N	I	1014N	211	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D22N	I	1022N	411	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D14P	I	1014P	311	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D22P	I	1022P	511	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D15N	I	1015N	205	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D3N	I	103N	037	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D15P	I	1015P	305	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D3P	I	103P	137	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D16N	I	1016N	456	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D4N	I	104N	024	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D16P	I	1016P	556	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D4P	I	104P	124	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D17N	I	1017N	450	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D5N	I	105N	018	TO SWITCHING MODULE APPLICATION SCHEMATIC
SYMBOL NO. 1 (CONT) CONTROL INTERFACE									
DESIG	EQPT	CODE	ELEM	OPT	DESIG	EQPT	CODE	ELEM	OPT
CI10	04-164	UN71	A	---	CI10	04-164	UN71	A	---
LEAD	FUNC	TERM.	TERM.	DESTINATION	LEAD	FUNC	TERM.	TERM.	DESTINATION
DESIG	MOD	MOD	OPT	NOTE	DESIG	MOD	MOD	OPT	NOTE
101D5P	I	105P	118	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D6N	I	106N	011	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D6P	I	106P	111	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D7N	I	107N	005	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D7N	I	107N	005	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D7P	I	107P	105	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D8N	I	108N	256	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D8P	I	108P	356	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D8P	I	108P	356	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D9N	I	109N	250	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D9N	I	109N	250	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D9P	I	109P	350	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D9P	I	109P	350	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D10P	I	N10P	152	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D10P	I	N10P	152	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D11P	I	N11P	333	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D11P	I	N11P	333	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D12P	I	N12P	320	TO SWITCHING MODULE APPLICATION SCHEMATIC
101D12P	I	N12P	320	TO SWITCHING MODULE APPLICATION SCHEMATIC	101D13P	I	N13P	314	TO SWITCHING

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AT&T BELL LABORATORIES	SD-5D045-01		B#14CB

PART OF FS 14
1 SIDE CONTROL INTERFACE 0

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

SYMBOL NO. 1 (CONT)
CONTROL INTERFACE

DESIG C110	EOPT LOC 04-164	CODE UN71	ELEM IDENT A	OPT	
LEAD DESIG	FUNC	TERM. MOD	TERM. MOD	TERM. OPT	DESTINATION
10NSINT 10000N	TP D	TPNSINT 000N	138 055		TO SWITCHING MODULE APPLICATION SCHEMATIC
10000P	0	000P	155		TO SWITCHING MODULE APPLICATION SCHEMATIC
10001N	0	001N	049		TO SWITCHING MODULE APPLICATION SCHEMATIC
10001P	0	001P	149		TO SWITCHING MODULE APPLICATION SCHEMATIC
100010N	0	0010N	242		TO SWITCHING MODULE APPLICATION SCHEMATIC
100010P	0	0010P	342		TO SWITCHING MODULE APPLICATION SCHEMATIC
100011N	0	0011N	236		TO SWITCHING MODULE APPLICATION SCHEMATIC
100011P	0	0011P	336		TO SWITCHING MODULE APPLICATION SCHEMATIC
100012N	0	0012N	223		TO SWITCHING MODULE APPLICATION SCHEMATIC
100012P	0	0012P	323		TO SWITCHING MODULE APPLICATION SCHEMATIC
100013N	0	0013N	217		TO SWITCHING MODULE APPLICATION SCHEMATIC
100013P	0	0013P	317		TO SWITCHING MODULE APPLICATION SCHEMATIC
100014N	0	0014N	210		TO SWITCHING MODULE APPLICATION SCHEMATIC
100014P	0	0014P	310		TO SWITCHING MODULE APPLICATION SCHEMATIC
100015N	0	0015N	204		TO SWITCHING MODULE APPLICATION SCHEMATIC
100015P	0	0015P	304		TO SWITCHING MODULE APPLICATION SCHEMATIC
100016N	0	0016N	453		TO SWITCHING MODULE APPLICATION SCHEMATIC
100016P	0	0016P	553		TO SWITCHING MODULE APPLICATION SCHEMATIC
100017N	0	0017N	449		TO SWITCHING MODULE APPLICATION SCHEMATIC

DESIG C110	EOPT LOC 04-164	CODE UN71	ELEM IDENT A	OPT	
LEAD DESIG	FUNC	TERM. MOD	TERM. MOD	TERM. OPT	DESTINATION
100017P	0	0017P	549		TO SWITCHING MODULE APPLICATION SCHEMATIC
100018N	0	0018N	442		TO SWITCHING MODULE APPLICATION SCHEMATIC
100018P	0	0018P	542		TO SWITCHING MODULE APPLICATION SCHEMATIC
100019N	0	0019N	436		TO SWITCHING MODULE APPLICATION SCHEMATIC
100019P	0	0019P	536		TO SWITCHING MODULE APPLICATION SCHEMATIC
10002N	0	002N	042		TO SWITCHING MODULE APPLICATION SCHEMATIC
10002P	0	002P	142		TO SWITCHING MODULE APPLICATION SCHEMATIC
100020N	0	0020N	423		TO SWITCHING MODULE APPLICATION SCHEMATIC
100020P	0	0020P	523		TO SWITCHING MODULE APPLICATION SCHEMATIC
100021N	0	0021N	417		TO SWITCHING MODULE APPLICATION SCHEMATIC
100021P	0	0021P	517		TO SWITCHING MODULE APPLICATION SCHEMATIC
100022N	0	0022N	410		TO SWITCHING MODULE APPLICATION SCHEMATIC
100022P	0	0022P	510		TO SWITCHING MODULE APPLICATION SCHEMATIC
10003N	0	003N	036		TO SWITCHING MODULE APPLICATION SCHEMATIC
10003P	0	003P	136		TO SWITCHING MODULE APPLICATION SCHEMATIC
10004N	0	004N	023		TO SWITCHING MODULE APPLICATION SCHEMATIC
10004P	0	004P	123		TO SWITCHING MODULE APPLICATION SCHEMATIC
10005N	0	005N	017		TO SWITCHING MODULE APPLICATION SCHEMATIC
10005P	0	005P	117		TO SWITCHING MODULE APPLICATION SCHEMATIC

DESIG C110	EOPT LOC 04-164	CODE UN71	ELEM IDENT A	OPT	
LEAD DESIG	FUNC	TERM. MOD	TERM. MOD	TERM. OPT	DESTINATION
10006N	0	006N	010		TO SWITCHING MODULE APPLICATION SCHEMATIC
10006P	0	006P	110		TO SWITCHING MODULE APPLICATION SCHEMATIC
10007N	0	007N	004		TO SWITCHING MODULE APPLICATION SCHEMATIC
10007P	0	007P	104		TO SWITCHING MODULE APPLICATION SCHEMATIC
10008N	0	008N	255		TO SWITCHING MODULE APPLICATION SCHEMATIC
10008P	0	008P	355		TO SWITCHING MODULE APPLICATION SCHEMATIC
10009N	0	009N	249		TO SWITCHING MODULE APPLICATION SCHEMATIC
10009P	0	009P	349		TO SWITCHING MODULE APPLICATION SCHEMATIC
1000RESET	I	RESET	144		
10S0N	0	S0N	053		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S0P	0	S0P	153		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S1N	0	S1N	047		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S1P	0	S1P	147		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S10N	0	S10N	240		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S10P	0	S10P	340		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S11N	0	S11N	234		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S11P	0	S11P	334		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S12N	0	S12N	221		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S12P	0	S12P	321		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S13N	0	S13N	215		TO SWITCHING MODULE APPLICATION SCHEMATIC

DESIG C110	EOPT LOC 04-164	CODE UN71	ELEM IDENT A	OPT	
LEAD DESIG	FUNC	TERM. MOD	TERM. MOD	TERM. OPT	DESTINATION
10S13P	0	S13P	315		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S14N	0	S14N	208		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S14P	0	S14P	308		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S15N	0	S15N	202		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S15P	0	S15P	302		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S16N	0	S16N	453		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S16P	0	S16P	553		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S17N	0	S17N	447		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S17P	0	S17P	547		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S18N	0	S18N	440		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S18P	0	S18P	540		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S19N	0	S19N	434		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S19P	0	S19P	534		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S2N	0	S2N	040		TO SWITCHING MODULE APPLICATION SCHEMATIC
10S2P	0	S2P	140		TO SWITCHING MODULE APPLICATION SCHEMATIC

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SYMBOL(S) 1

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TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE A	ISSUE 118
AT&T BELL LABORATORIES	SD-5D045-01	B#14CC	

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SYMBOL NO. 1 (CONT)

CONTROL INTERFACE

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
-----	-----	-----	-----	---
C110	04-164	UN71	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION APPLICATION SCHEMATIC	NOTE
-----	-----	-----	-----	-----	-----
10S9P	Q	S9P	347	TO SWITCHING MODULE APPLICATION SCHEMATIC	
10TPNMI 11INT0	TP TP	TPNMI TSI INT	038 244		311

B*14CD

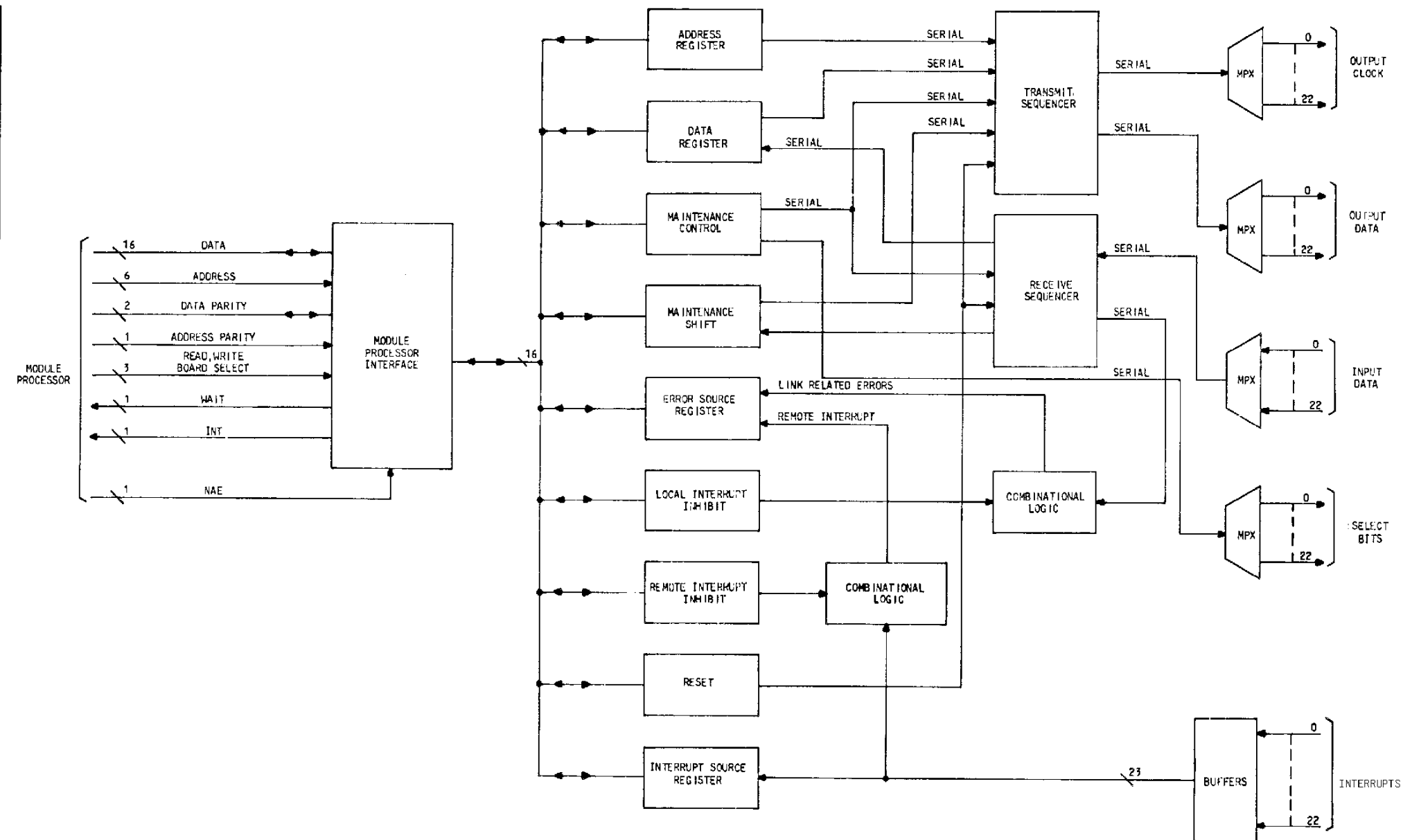
PART OF FS 14

CONTROL INTERFACE 11
COMPOSITE DIAGRAM 1

NOTES:

CONTROL INTERFACE:

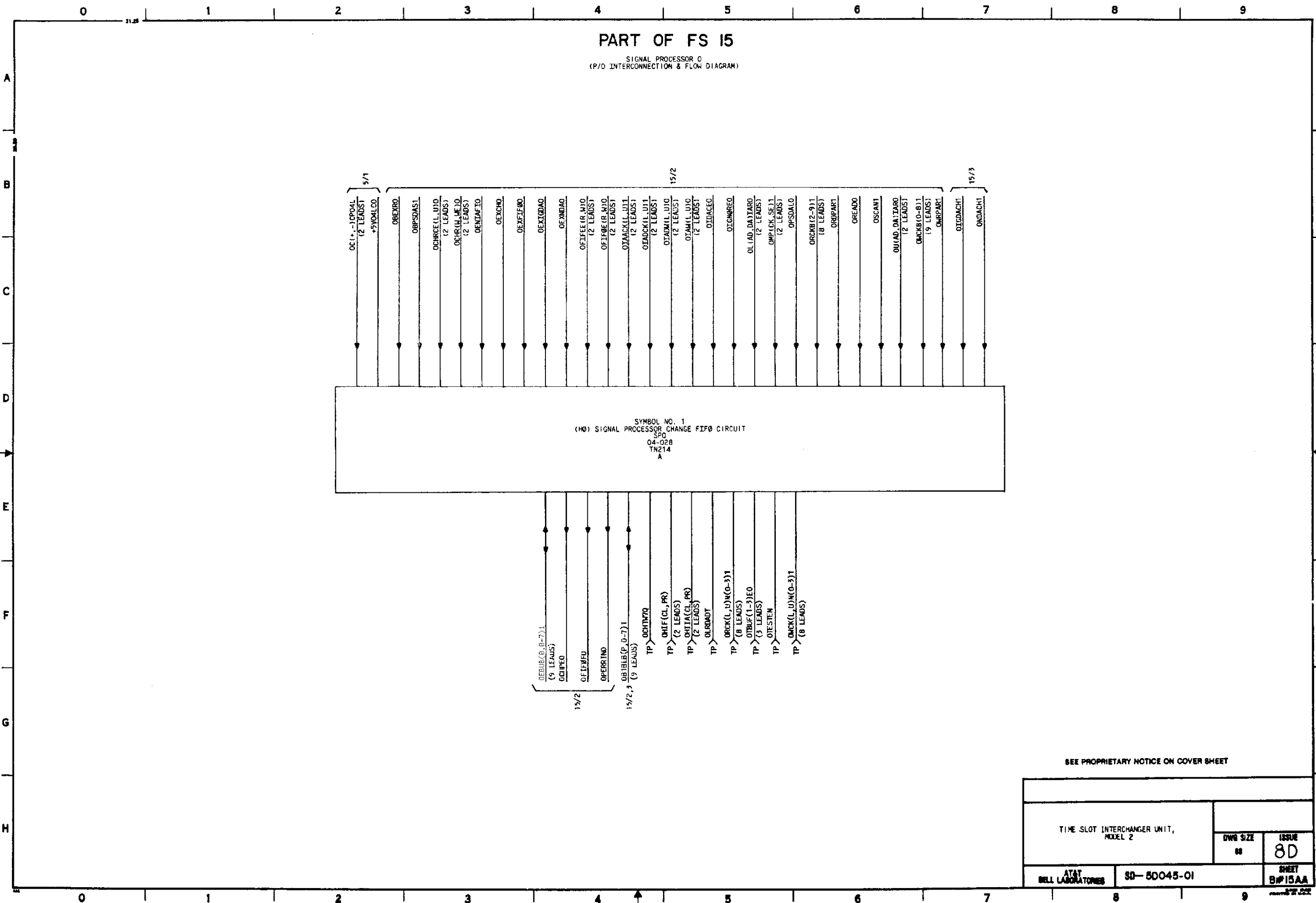
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AT&T BELL LABORATORIES	SD-50045-01		SHEET B-14 GA	

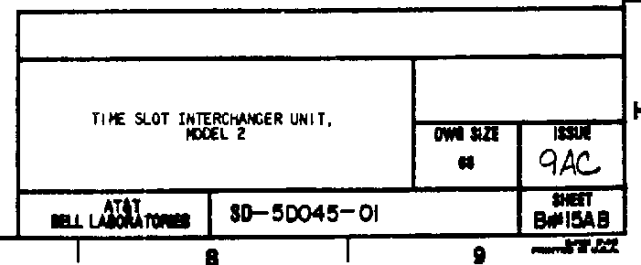
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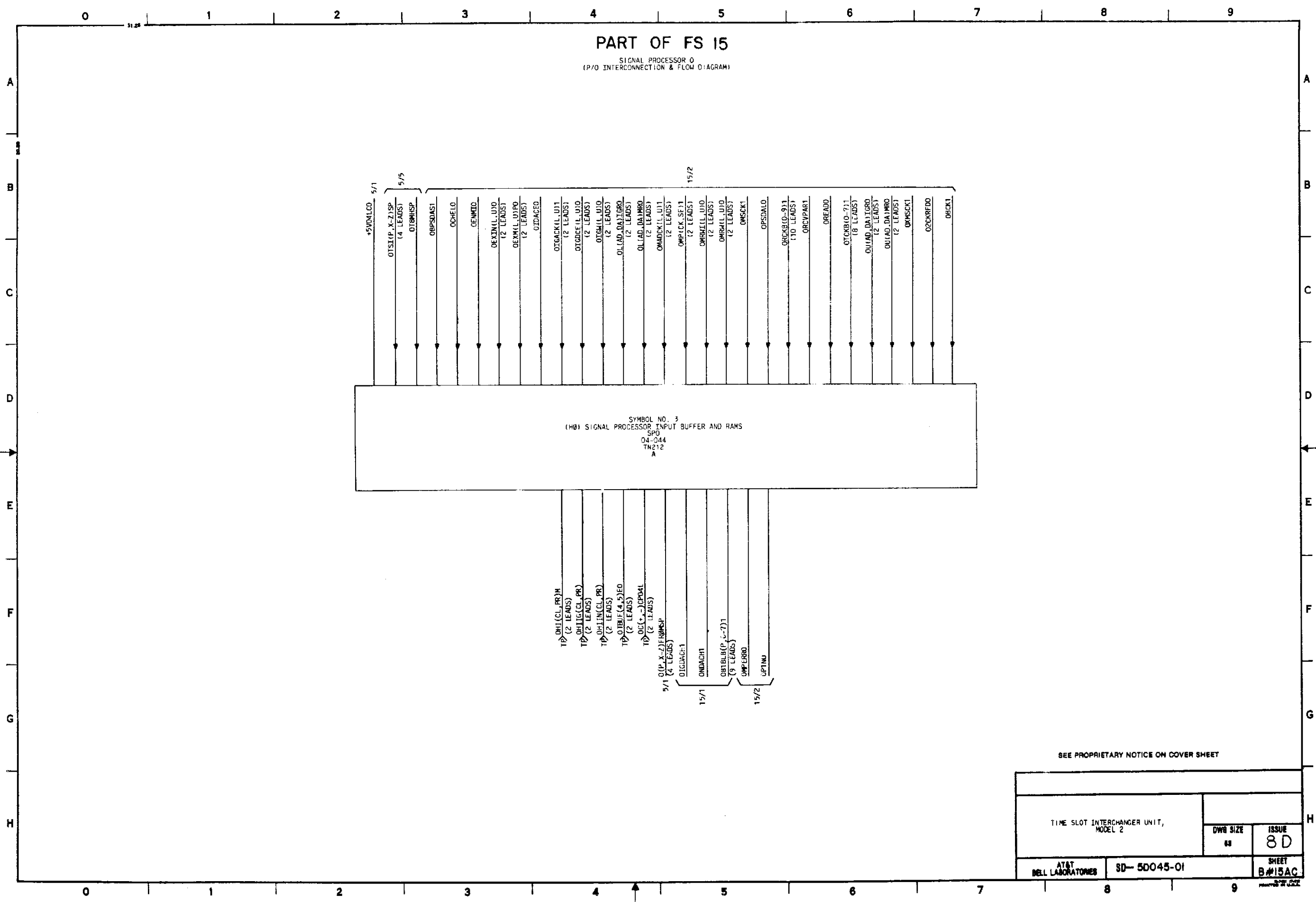


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TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE 18	ISSUE 8D
AT&T BELL LABORATORIES	SD-50045-01	SHEET B#15AA	

SIGNAL PROCESSOR 0
(P/O INTERCONNECTION & FLOW DIAGRAM)





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TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE 8 1/2
		ISSUE 8 D
AT&T BELL LABORATORIES	SD- 50045-01	SHEET B#15AC

PART OF FS 15 SIGNAL PROCESSOR 0

SYMBOL NO. 1

(HO) SIGNAL PROCESSOR CHANGE FIFO CIRCUIT

SYMBOL NO. 1 (CONT)

(HO) SIGNAL PROCESSOR CHANGE FIFO CIRCUIT

SYMBOL NO. 1 (CONT)

(HO) SIGNAL PROCESSOR CHANGE FIFO CIRCUIT

SYMBOL NO. 2 (CONT)

(HO) SIGNAL PROCESSOR TIMING & BUS INTERFACE

DESIG						ELEM IDENT						ELEM IDENT						ELEM IDENT					
SP0						04-028						TN214						A					
SP0						04-028						TN214						A					
SP0						04-028						TN214						A					
SP0						04-028						TN214						A					
SP0						04-028						TN214						A					
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SP0						04-028						TN214						A					
SP0						04-028						TN214						A					
SP0						04-028						TN214						A					
SP0						04-028																	

PART OF FS 15
SYMBOL(S) 1 2

TIME SLOT INTERCHANGER UNIT,
MODEL 2

DWG SIZE

ISSUE

2

9AC

AT&T
BELL LABORATORIES

SD-50045-01

B#15CA

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03/05/85

PART OF FS 15
SIGNAL PROCESSOR 0

SYMBOL NO. 2 (CONT)

(HO) SIGNAL PROCESSOR TIMING & BUS INTERFACE

SYMBOL NO. 2 (CONT)

(HO) SIGNAL PROCESSOR TIMING & BUS INTERFACE

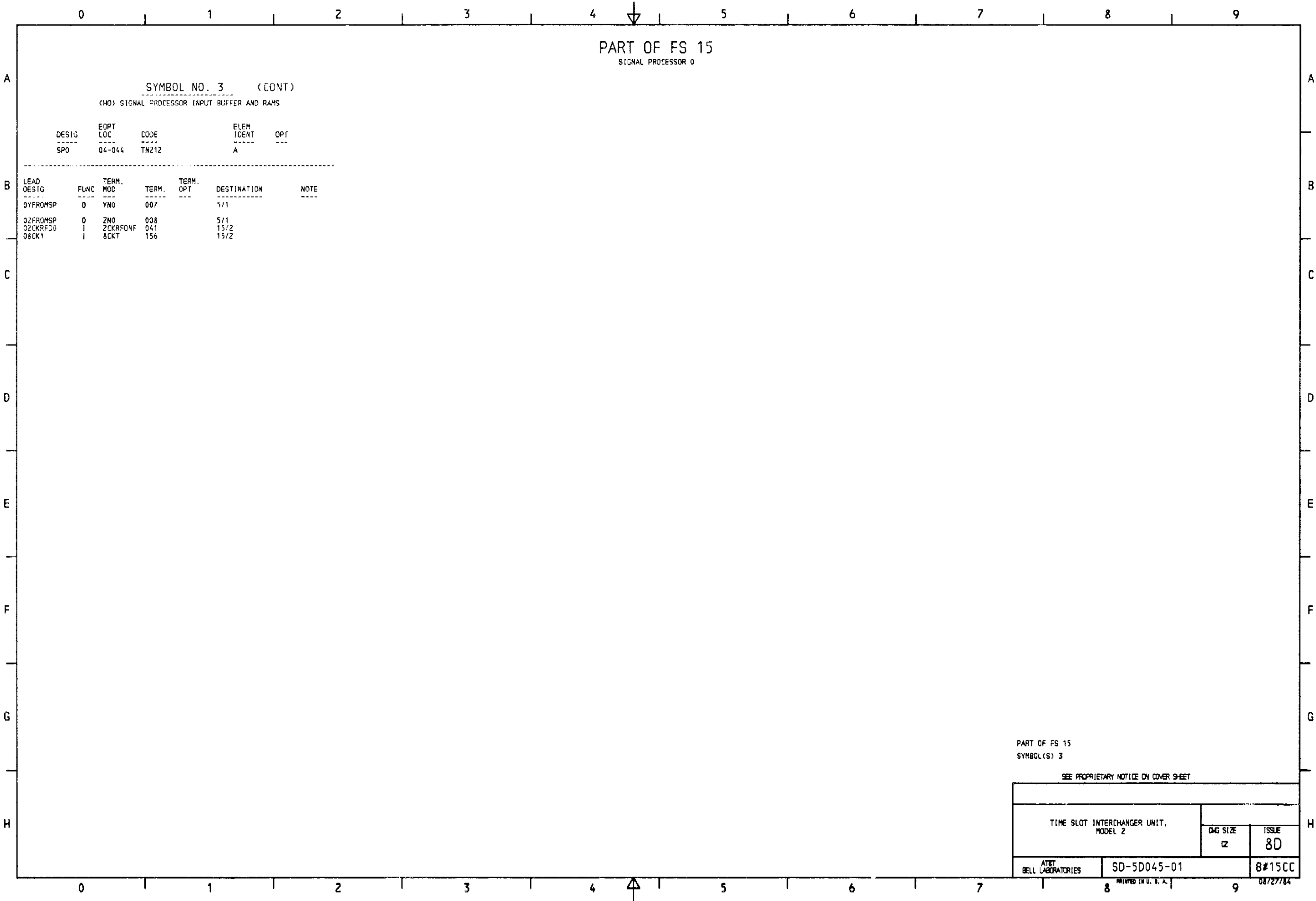
SYMBOL NO. 3

(HO) SIGNAL PROCESSOR INPUT BUFFER AND RAMS

SYMBOL NO. 3 (CONT)

(HO) SIGNAL PROCESSOR INPUT BUFFER AND RAMS

ELEM IDENT						ELEM IDENT						ELEM IDENT						ELEM IDENT					
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PART OF FS 15
SIGNAL PROCESSOR 0

SYMBOL NO. 3 (CONT)
(HO) SIGNAL PROCESSOR INPUT BUFFER AND RAMS

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
SP0	04-044	TN212	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
0YFROMSP	0	YN0	007	5/1	
02FROMSP	0	ZN0	008	5/1	
02CKRFD0	1	ZCKRFDNF	041	15/2	
0ACK1	1	ACKT	156	15/2	

PART OF FS 15
SYMBOL(S) 3

SEE PROPRIETARY NOTICE ON COVER SHEET

TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE 12	ISSUE 8D
AT&T BELL LABORATORIES	SD-5D045-01	8#15CC	

PRINTED IN U. S. A. 08/27/84

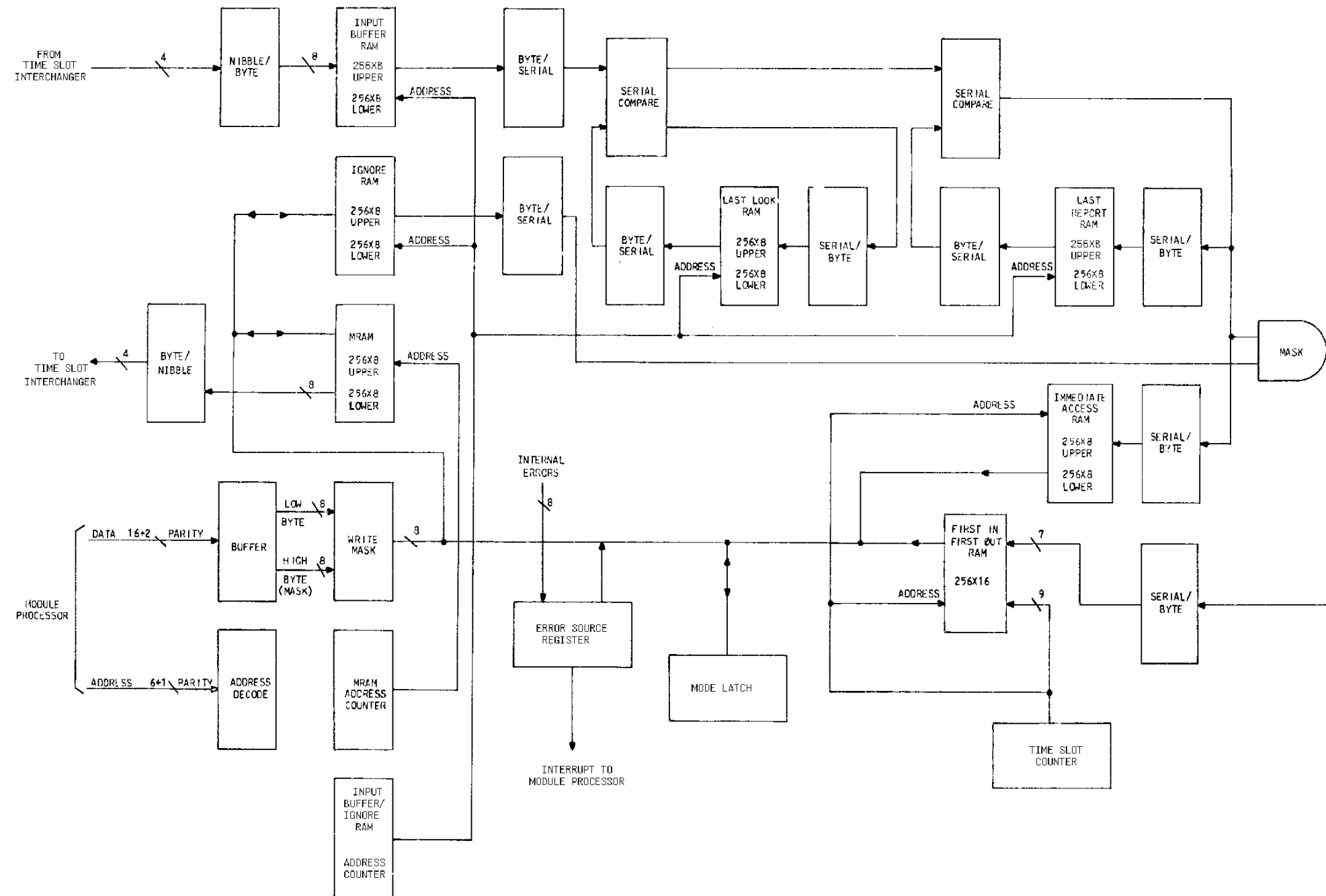
PART OF FS 15

SIGNAL PROCESSOR 0
COMPOSITE DIAGRAM 1

NOTES:

SIGNAL PROCESSOR 0

THE SP IS THE CIRCUITRY THAT PERFORMS HIT TIMING ON ALL SIGNALING AND CONTROL BITS RECEIVED FROM THE TSI, STORES THESE BITS, CALCULATES STATE CHANGES, AND THEN RETRANSMITS THOSE BITS BACK TO THE TSI.

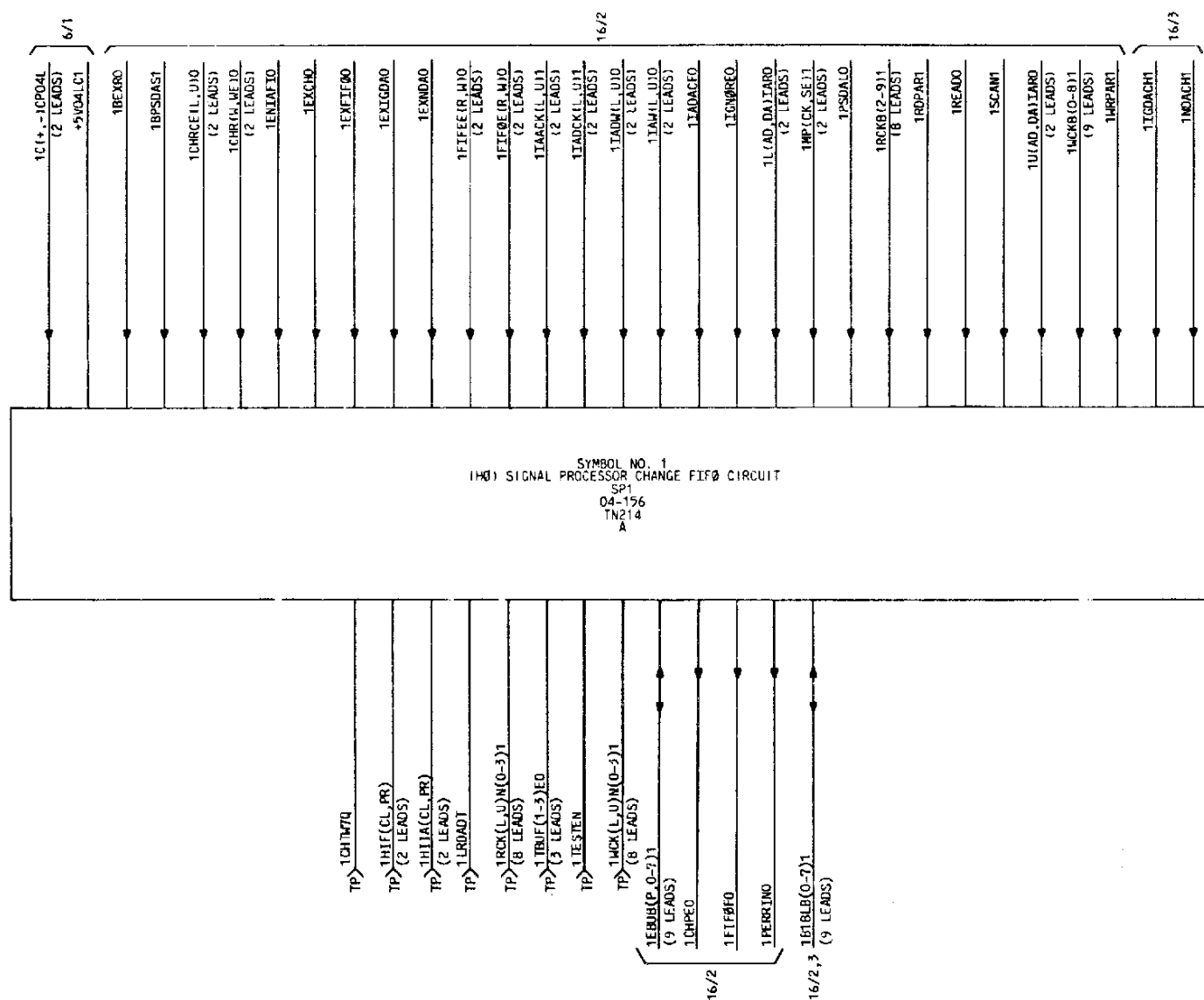


SEE PROPRIETARY NOTICE ON COVER SHEET

TIME SLOT INTERCHANGER UNIT, MODEL 2		
DWG SIZE 63	ISSUE 3A	
AT&T BELL LABORATORIES	S0-50045-01	SHEET B#15GA

PRINTED IN U.S.A.

SIGNAL PROCESSOR 1
(P/O INTERCONNECTION & FLOW DIAGRAM)



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TIME SLOT INTERCHANGER UNIT,
MODEL 2

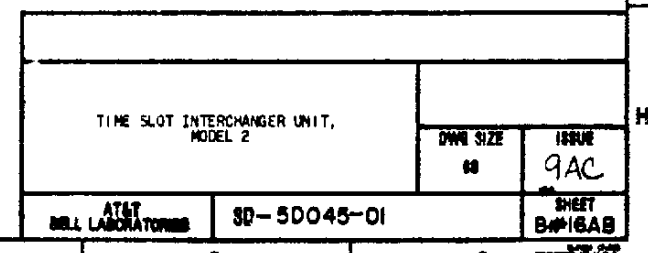
DWG SIZE	11
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AT&T
BELL LABORATORIES

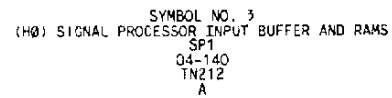
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B#16AA**

SIGNAL PROCESSOR 1
(P/O INTERCONNECTION & FLOW DIAGRAM)



SIGNAL PROCESSOR 1
(P/O INTERCONNECTION & FLOW DIAGRAM)



TIME SLOT INTERCHANGER UNIT,
MODEL 2

OWB SIZE	18
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**AT&T
BELL LABORATORIES**

SD-50045-01

SHEET
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PART OF FS 16 SIGNAL PROCESSOR 1

SYMBOL NO. 1

(HQ) SIGNAL PROCESSOR CHANGE FIFO CIRCUIT

SYMBOL NO. 1 (CONT)

(HQ) SIGNAL PROCESSOR CHANGE FIFO CIRCUIT

SYMBOL NO. 1 (CONT)

(HQ) SIGNAL PROCESSOR CHANGE FIFO CIRCUIT

SYMBOL NO. 2 (CONT)

(HQ) SIGNAL PROCESSOR TIMING & BUS INTERFACE

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
SP1	04-156	TN214	A	

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
SP1	04-156	TN214	A	

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
SP1	04-156	TN214	A	

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
SP1	04-148	TN213	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	I	RAM2RF	044			
	I	RAM1RF	148			
	I	RAM3RF	337			
+5V04LC1	PWR	+5	000		6/1	
	PWR	+5	001		6/1	
	PWR	+5	100		6/1	
GRD04156	PWR	+5	001		6/1	
	GRD	GRD	034			
	GRD	GRD	036			
	GRD	GRD	040			
	GRD	GRD	048			
	GRD	GRD	049			
	GRD	GRD	054			
	GRD	GRD	133			
	GRD	GRD	200			
	GRD	GRD	201			
	GRD	GRD	224			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	300			
	GRD	GRD	301			
	GRD	GRD	302			
	GRD	GRD	311			
	GRD	GRD	317			
	GRD	GRD	320			
	GRD	GRD	324			
	GRD	GRD	344			
18EXR0	GRD	GRD	345			
18PSDAS1	I	BEXRF	211		16/2	
	I	BPSDAST	318		16/2	
181BLBP1	IO	B1BLBPT	210		16/2, 16/3	
181BLB01	IO	B1BLB0T	202		16/2, 16/3	
181BLB11	IO	B1BLB1T	203		16/2, 16/3	
181BLB21	IO	B1BLB2T	204		16/2, 16/3	
181BLB31	IO	B1BLB3T	205		16/2, 16/3	
181BLB41	IO	B1BLB4T	206		16/2, 16/3	
181BLB51	IO	B1BLB5T	207		16/2, 16/3	
181BLB61	IO	B1BLB6T	208		16/2, 16/3	
181BLB71	IO	B1BLB7T	209		16/2, 16/3	
1C-CP04L	I	R1A	112		6/1	
1C-CP04L	I	R1B	012		6/1	
1CHPE0	O	CHPEF	315		16/2	
1CHRCLO	I	CHRCLEF	137		16/2	
1CHRCU0	I	CHRCUEF	138		16/2	
1CHRW0	I	CHRWLF	140		16/2	
1CHTW0	TP	CHTW70	333		16/2	
1EBUBP1	IO	EBUBPT	221		16/2	
1EBUB01	IO	EBUB0T	213		16/2	
1EBUB11	IO	EBUB1T	214		16/2	
1EBUB21	IO	EBUB2T	215		16/2	
1EBUB31	IO	EBUB3T	216		16/2	
1EBUB41	IO	EBUB4T	217		16/2	
1EBUB51	IO	EBUB5T	218		16/2	
1EBUB61	IO	EBUB6T	219		16/2	
1EBUB71	IO	EBUB7T	220		16/2	
1ENIAF10	I	ENIAF1F	119		16/2	
1EXCH0	TP	EXCHFF	046		16/1	
1EXF1F00	O	EXF1FOFF	308		16/1	
1EXF1F00	O	EXF1FOFF	305		16/1	
1EXIGD0A0	O	EXIGDAF	307		16/1	
1EXINL0	O	EXINLF	310		16/3	
1EXINU0	O	EXINUF	309		16/3	
1EXMLP0	O	EXMLPF	304		16/3	
1EXMUP0	O	EXMUPF	303		16/3	
1EXND0A0	O	EXNDAF	306		16/1	
1F1FEER0	O	F1FOERF	038		16/1	
1F1FEER0	O	F1FOEWF	037		16/1	
1F1FOER0	O	F1FOERF	039		16/1	
1F1FOE0	O	F1FOEWF	035		16/1	
1F1FOF0	I	F1FOFF	313		16/1	
1F0	TP	F0	047		16/1	
1H1ADDCL	TP	H1ADDCL	116			
1H1ADDP1	TP	H1ADDP1	115			
1H1CCL	TP	H1CCL	117			
1H1CPR	TP	H1CPR	118			
1IAACKL1	O	IAADCKLT	242		16/1	
1IAACKU1	O	IAADCKUT	243		16/1	
1IADCKL1	O	IADACKLT	342		16/1	
1IADCKU1	O	IADACKUT	343		16/1	
1EXCH0	I	EXCHFF	308		16/2	
1EXF1F00	I	EXF1FOFF	305		16/2	
1EXIGD0A0	I	EXIGDAF	307		16/2	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1EXND0A0	I	EXNDAF	306		16/2	
1F1FEER0	I	F1FOERF	038		16/2	
1F1FEER0	I	F1FOEWF	037		16/2	
1F1FOER0	I	F1FOERF	039		16/2	
1F1FOE0	O	F1FOEWF	035		16/2	
1F1FOF0	O	F1FOFF	313		16/2	
1H1FCL	TP	H1FCL	115			
1H1FPR	TP	H1FPR	116			
1H1IACL	TP	H1IACL	113			
1H1IAPR	TP	H1IAPR	114			
1IAACKL1	I	IAADCKLT	242		16/2	
1IAACKU1	I	IAADCKUT	243		16/2	
1IADCKL1	I	IADACKLT	342		16/2	
1IADCKU1	I	IADACKUT	343		16/2	
1IADWLO	I	IADWLF	238		16/2	
1IADWU0	I	IADWLF	239		16/2	
1IAWLO	I	IAWLF	240		16/2	
1IAWU0	I	IAWLF	241		16/2	
1IDACE0	I	IDACEF	232		16/2	
1IGDACH1	I	IGDACHT	107		16/3	
1IGNORE0	I	IGNOREF	135		16/2	
1LADIAR0	I	LADIARF	341		16/2	
1LDAIAR0	I	LDAIARF	339		16/2	
1LROADT	TP	LROADT	316			
1MPCK1	I	MPCKT	132		16/2	
1MPSE1	I	MPSET	332		16/2	
1NDACH1	I	NDACHT	109		16/3	
1PERRIN0	O	PERRINF	314		16/2	
1PSDAL0	I	PSDALF	319		16/2	
1RCKB21	I	RCKB2T	348		16/2	
1RCKB31	I	RCKB3T	349		16/2	
1RCKB41	I	RCKB4T	350		16/2	
1RCKB51	I	RCKB5T	351		16/2	
1RCKB61	I	RCKB6T	352		16/2	
1RCKB71	I	RCKB7T	353		16/2	
1RCKB81	I	RCKB8T	354		16/2	
1RCKB91	I	RCKB9T	355		16/2	
1RCKLN01	TP	RCKLN0T	013			
1RCKLN11	TP	RCKLN1T	014			
1RCKLN21	TP	RCKLN2T	015			
1RCKLN31	TP	RCKLN3T	016			
1RCKUN01	TP	RCKUN0T	017			
1RCKUN11	TP	RCKUN1T	018			
1RCKUN21	TP	RCKUN2T	019			
1RCKUN31	TP	RCKUN3T	020			
1RDPAR1	I	RDPART	256		16/2	
1READ0	I	READF	212		16/2	
1SCAN1	I	SCANT	134		16/2	
1TBUFF1E0	TP	TBUFF1EF	152			
1TBUFF2E0	TP	TBUFF2EF	147			
1TBUFF3E0	TP	TBUFF3EF	142			
1TESTEN	TP	TESTEN	312			
1UADIAR0	I	UADIARF	340		16/2	
1UADIAR0	I	UADIARF	338		16/2	
1WCKB01	I	WCKB0T	246		16/2	
1WCKB11	I	WCKB1T	247		16/2	
1WCKB21	I	WCKB2T	248		16/2	
1WCKB31	I	WCKB3T	249		16/2	
1WCKB41	I	WCKB4T	250		16/2	
1WCKB51	I	WCKB5T	251		16/2	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1WCKB61	I	WCKB6T	252		16/2	
1WCKB71	I	WCKB7T	253		16/2	
1WCKB81	I	WCKB8T	254		16/2	
1WCKLN01	TP	WCKLN0T	002			
1WCKLN11	TP	WCKLN1T	003			
1WCKLN21	TP	WCKLN2T	004			
1WCKLN31	TP	WCKLN3T	005			
1WCKUN01	TP	WCKUN0T	006			
1WCKUN11	TP	WCKUN1T	007			
1WCKUN21	TP	WCKUN2T	008			
1WCKUN31	TP	WCKUN3T	009			
1WRPAR1	I	WRPART	255		16/2	
SYMBOL NO. 2						
(HQ) SIGNAL PROCESSOR TIMING & BUS INTERFACE						
DESIG	EOP LOC	CODE	ELEM IDENT	OPT		
SP1	04-148	TN213	A			
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5V04LC1	PWR	+5	000		6/1	
	PWR	+5	001		6/1	
	PWR	+5	100		6/1	
GRD04148	PWR	+5	101		6/1	
	GRD	GRD	034			
	GRD	GRD	036			
	GRD	GRD	040			
	GRD	GRD	048			
	GRD	GRD	049			
	GRD	GRD	054			
	GRD	GRD	133			
	GRD	GRD	200			
	GRD	GRD	201			
	GRD	GRD	224			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	300			
	GRD	GRD	301			
	GRD	GRD	302			
	GRD	GRD	311			
	GRD	GRD	317			
	GRD	GRD	320			
	GRD	GRD	324			
	GRD	GRD	344			
1A0	GRD	GRD	345			
18EXR0	O	BEXRF	211		16/1	
180	TP	BD	146			
18PSDAS1	O	BPSDAST	318		16/1, 16/3	
181BLBP1	IO	B1BLBPT	210		16/1	
181BLB01	IO	B1BLB0T	202		16/1	
181BLB11	IO	B1BLB1T	203		16/1	
181BLB21	IO	B1BLB2T	204		16/1	

PART OF FS 16
SYMBOL(S) 1 2

TIME SLOT INTERCHANGER UNIT,
MODEL 2

DWG SIZE
2

ISSUE
9AC

AT&T
BELL LABORATORIES

SD-50045-01

B#16CA

PRINTED IN U. S. A.

03/05/85

SIGNAL PROCESSOR 1

PART OF FS 16
SYMBOL(S) Z 3

PART OF FS 16
SIGNAL PROCESSOR 1

SYMBOL NO. 3 (CONT)
(10) SIGNAL PROCESSOR INPUT BUFFER AND RAMS

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SP1	04-140	TN212	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
1YFROMSP	0	YN0	007	6/1	
1ZFROMSP	0	ZN0	008	6/1	
12CKRFDO	1	2CKRFDNF	041	16/2	
18CKT	1	8CKT	156	16/2	

PART OF FS 16
SYMBOL(S) 3

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TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE A	ISSUE 8D
AT&T BELL LABORATORIES	SD-50045-01	B#16CC	

PRINTED IN U. S. A.

08/27/84

31-25

PART OF FS 16

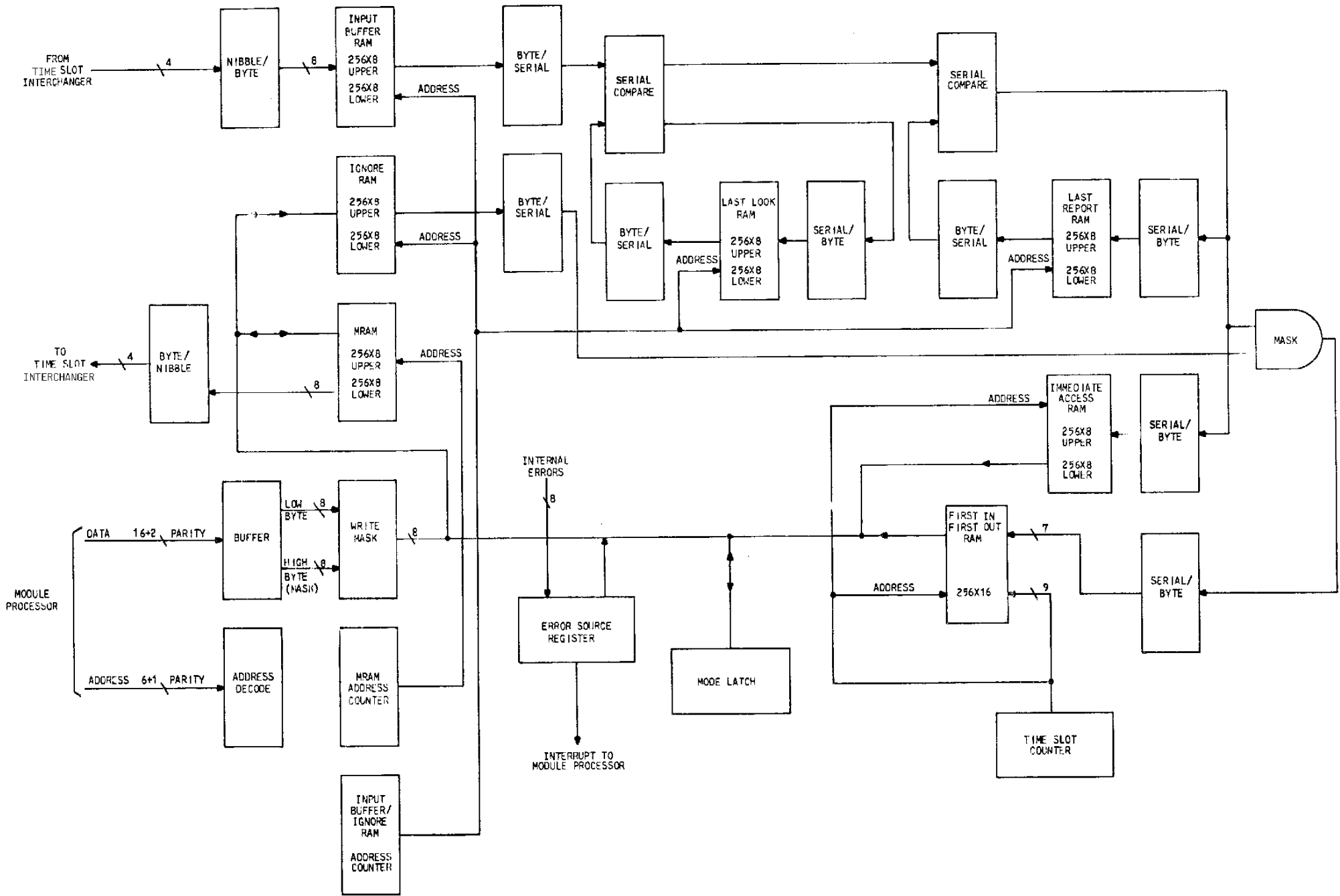
SIGNAL PROCESSOR 1

COMPOSITE DIAGRAM 1

NOTES:

SIGNAL PROCESSOR:

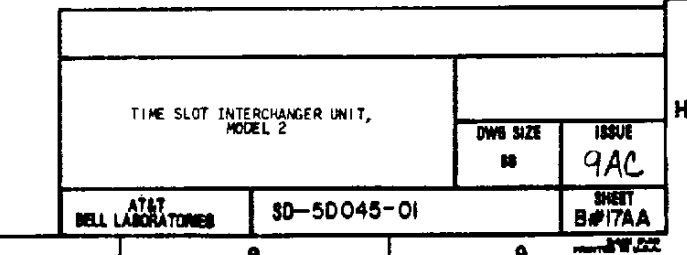
THE SP IS THE CIRCUITRY THAT PERFORMS HIT TIMING ON ALL SIGNALING AND CONTROL BITS RECEIVED FROM THE TSI, STORES THESE BITS, CALCULATES STATE CHANGES, AND THEN RETRANSMITS THOSE BITS BACK TO THE TSI.



SEE PROPRIETARY NOTICE ON COVER SHEET

TIME SLOT INTERCHANGER UNIT, MODEL 2			DWG SIZE 64	ISSUE 3A
AT&T BELL LABORATORIES	SD-50045-01		SHEET B-16GA	

O CONTROL AND POWER
(P/O INTERCONNECTION & FLOW DIAGRAM)



PART OF FS 17 CONTROL AND POWER

SYMBOL NO. 1 CONTROL AND DISPLAY

SYMBOL NO. 1 (CONT) CONTROL AND DISPLAY

SYMBOL NO. 1 (CONT) CONTROL AND DISPLAY

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE		
0CP	13-008	SN412	A	(F)								0CP	13-008	SN412	A	(F)								0CP	13-008	SN412	A	(F)						
0CP	13-008	SN516	A	(E)								0CP	13-008	SN516	A	(E)								0CP	13-008	SN516	A	(E)						
NC	(E)0	SCEX1	020																															
	(E)0	SCW380	023																															
	(E)0	SCW380	024																															
	(E)0	SCDGNOR	033																															
	(E)0	SCDGN0	034																															
	(E)0	SCVRTN0	035																															
	(E)0	SCVRTN1	036																															
	(E)0	RSRV	037																															
	(E)0	RSRV	038																															
	(E)0	RSRV	039																															
	(E)0	SCY3BR	040																															
	(E)0	SCX381R	041																															
	(E)0	SCZR1	042																															
	(E)0	SCW1	043																															
	(E)0	SCXR	047																															
	(F)0	TST1N	049																															
	(E)1	DGNFANR																																
	(F)0	SCYR	053																															
	(E)0	SCY3BR																																
	(F)0	SCXR	054																															
	(E)0	SCX380R																																
	(F)0	SCZR	055																															
	(E)0	SCZR0																																
	(E)0	SCW1	056																															
	(E)0	SCXR0	110																															
	0	SCY0	119																															
	(E)0	SCDGN1R	133																															
	(E)0	SCDGN1	134																															
	(E)0	SCY0	135																															
	(E)0	SCV1	136																															
	(E)0	RSRV	137																															
	(E)0	RSRV	138																															
	(E)0	RSRV	139																															
	(E)0	MPFO	140																															
	(E)0	SCX3B1	141																															
	(E)0	SC23B1	142																															
	(E)0	SCW3B1	143																															
	(E)0	RSRV	145																															
	(E)0	SCX3B	147																															
	(F)0	SCX3B	154																															
	(E)0	SC23B	155																															
	(E)0	SC23B0																																
	(E)0	SCW3B0	156																															
	(E)1	WDELENO	002																															
	1	DOS1	011																															
	(F)1	PINT	048																															
	(E)0	DGNFANS																																
	(F)1	DOSR	051																															
	(E)0	DOSR																																
	(E)1	YDELENO	101																															
	(E)1	EXRTN	113																															
	(F)1	INH	114																															
	(E)1	EXIN																																
	(F)1	FAS	121																															
	(E)1	ZIN																																
	(E)1	DGN1	132																															
	(E)1	DGN3B	150																															
	1	DOS3B	151																															
	(F)PWR	ROIP3B	152																															
	(E)PWR	-48V	006																															
	-48VCO																																	

PART OF FS 17
 SYMBOL(S) 1

TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE CZ	ISSUE 9AC
AT&T BELL LABORATORIES	SD-50045-01	B#17CA	

PART OF FS 17

0 CONTROL AND POWER

SYMBOL NO. 2

POWER UNIT

SYMBOL NO. 2

(CONT)

POWER UNIT

SYMBOL NO. 2

(CONT)

POWER UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
OCP	13-024	495FB	A	(R)
OCP	13-024	495G1	A	(S)

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
OCP	13-024	495FB	A	(R)
OCP	13-024	495G1	A	(S)

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
OCP	13-024	495FB	A	(R)
OCP	13-024	495G1	A	(S)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	I	RS4	010			
+5V13LC0	PWR	VOUT1(+)	045		7/1	
	PWR	VOUT1(+)	046		7/1	
	PWR	VOUT1(+)	047		7/1	
	PWR	VOUT1(+)	048		7/1	
	PWR	VOUT1(+)	049		7/1	
	PWR	VOUT1(+)	050		7/1	
	PWR	VOUT1(+)	051		7/1	
	PWR	VOUT1(+)	052		7/1	
	PWR	VOUT1(+)	053		7/1	
	PWR	VOUT1(+)	054		7/1	
	PWR	VOUT1(+)	055		7/1	
	PWR	VOUT1(+)	056		7/1	
	PWR	SB(+)	118		7/1	
	PWR	VOUT1(+)	145		7/1	
	PWR	VOUT1(+)	146		7/1	
	PWR	VOUT1(+)	147		7/1	
	PWR	VOUT1(+)	148		7/1	
	PWR	VOUT1(+)	149		7/1	
	PWR	VOUT1(+)	150		7/1	
	PWR	VOUT1(+)	151		7/1	
	PWR	VOUT1(+)	152		7/1	
	PWR	VOUT1(+)	153		7/1	
	PWR	VOUT1(+)	154		7/1	
	PWR	VOUT1(+)	155		7/1	
	PWR	VOUT1(+)	156		7/1	
	PWR	VOUT1(+)	245		7/1	
	PWR	VOUT1(+)	246		7/1	
	PWR	VOUT1(+)	247		7/1	
	PWR	VOUT1(+)	248		7/1	
	PWR	VOUT1(+)	249		7/1	
	PWR	VOUT1(+)	250		7/1	
	PWR	VOUT1(+)	251		7/1	
	PWR	VOUT1(+)	252		7/1	
	PWR	VOUT1(+)	253		7/1	
	PWR	VOUT1(+)	254		7/1	
	PWR	VOUT1(+)	255		7/1	
	PWR	VOUT1(+)	256		7/1	
	PWR	VOUT1(+)	345		7/1	
	PWR	VOUT1(+)	346		7/1	
	PWR	VOUT1(+)	347		7/1	
	PWR	VOUT1(+)	348		7/1	
	PWR	VOUT1(+)	349		7/1	
	PWR	VOUT1(+)	350		7/1	
	PWR	VOUT1(+)	351		7/1	
	PWR	VOUT1(+)	352		7/1	
	PWR	VOUT1(+)	353		7/1	
	PWR	VOUT1(+)	354		7/1	
	PWR	VOUT1(+)	355		7/1	
	PWR	VOUT1(+)	356		7/1	
-48VCO	PWR	VINC(-)	006		17/1	
	PWR	VINC(-)	007		17/1	
	PWR	VINC(-)	008		17/1	
	PWR	VINC(-)	106		17/1	
	PWR	VINC(-)	107		17/1	
	PWR	VINC(-)	108		17/1	
	PWR	VINC(-)	206		17/1	
	PWR	VINC(-)	207		17/1	
	PWR	VINC(-)	208		17/1	
	PWR	VINC(-)	306		17/1	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRD13024	PWR	VINC(-)	307		17/1	
	PWR	VINC(-)	308		17/1	
	I	SC(-)	119			
	GRD	FRGRD	000			
	GRD	FRGRD	001			
	GRD	VOUT1(-)	032			
	GRD	VOUT1(-)	033			
	GRD	VOUT1(-)	034			
	GRD	VOUT1(-)	035			
	GRD	VOUT1(-)	036			
	GRD	VOUT1(-)	037			
	GRD	VOUT1(-)	038			
	GRD	VOUT1(-)	039			
	GRD	VOUT1(-)	040			
	GRD	VOUT1(-)	041			
	GRD	VOUT1(-)	042			
	GRD	VOUT1(-)	043			
	GRD	FRGRD	100			
	GRD	FRGRD	101			
	GRD	VOUT1(-)	132			
	GRD	VOUT1(-)	133			
	GRD	VOUT1(-)	134			
	GRD	VOUT1(-)	135			
	GRD	VOUT1(-)	136			
	GRD	VOUT1(-)	137			
	GRD	VOUT1(-)	138			
	GRD	VOUT1(-)	139			
	GRD	VOUT1(-)	140			
	GRD	VOUT1(-)	141			
	GRD	VOUT1(-)	142			
	GRD	VOUT1(-)	143			
	GRD	FRGRD	200			
	GRD	FRGRD	201			
	GRD	VOUT1(-)	232			
	GRD	VOUT1(-)	233			
	GRD	VOUT1(-)	234			
	GRD	VOUT1(-)	235			
	GRD	VOUT1(-)	236			
	GRD	VOUT1(-)	237			
	GRD	VOUT1(-)	238			
	GRD	VOUT1(-)	239			
	GRD	VOUT1(-)	240			
	GRD	VOUT1(-)	241			
	GRD	VOUT1(-)	242			
	GRD	VOUT1(-)	243			
	GRD	FRGRD	300			
	GRD	FRGRD	301			
	GRD	VOUT1(-)	332			
	GRD	VOUT1(-)	333			
	GRD	VOUT1(-)	334			
	GRD	VOUT1(-)	335			
	GRD	VOUT1(-)	336			
	GRD	VOUT1(-)	337			
	GRD	VOUT1(-)	338			
	GRD	VOUT1(-)	339			
	GRD	VOUT1(-)	340			
	GRD	VOUT1(-)	341			
	GRD	VOUT1(-)	342			
	GRD	VOUT1(-)	343			
OCP404L	I	CP(+)	017		5/1	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
OC-CP04L	I	CP(-)	117		5/1	
OCALMA	O	ALM2	014		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2 17/1	
OCALMPA	I	ALM1	113			
OCINTA	I	INT	112	(E)	(E) 17/1	
OCINTB	I	INT	012	(E)	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2 17/1	
OC00SCD	O	OOS(+)	015			
OC00S34L	I	OOS(-)	115		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
OCSC34L	I	SA(+)	018			
	I	SC(+)	019			
OC51	I	RS1	011		17/1	
OC52	I	RS2	110		17/1	
OC53	I	RS3	109		17/1	
OC48R	GRD	VINC(+)	003		17/1	
	GRD	VINC(+)	004		17/1	
	GRD	VINC(+)	005		17/1	
	GRD	VINC(+)	102		17/1	
	GRD	VINC(+)	103		17/1	
	GRD	VINC(+)	104		17/1	
	GRD	VINC(+)	203		17/1	
	GRD	VINC(+)	204		17/1	
	GRD	VINC(+)	205		17/1	
	GRD	VINC(+)	302		17/1	
	GRD	VINC(+)	303		17/1	
	GRD	VINC(+)	304		17/1	

PART OF FS 17
SYMBOL(S) 2

TIME SLOT INTERCHANGER UNIT,
MODEL 2

DWG SIZE

A

ISSUE

9AC

AT&T
BELL LABORATORIES

SD-5D045-01

B#17CB

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03/05/85

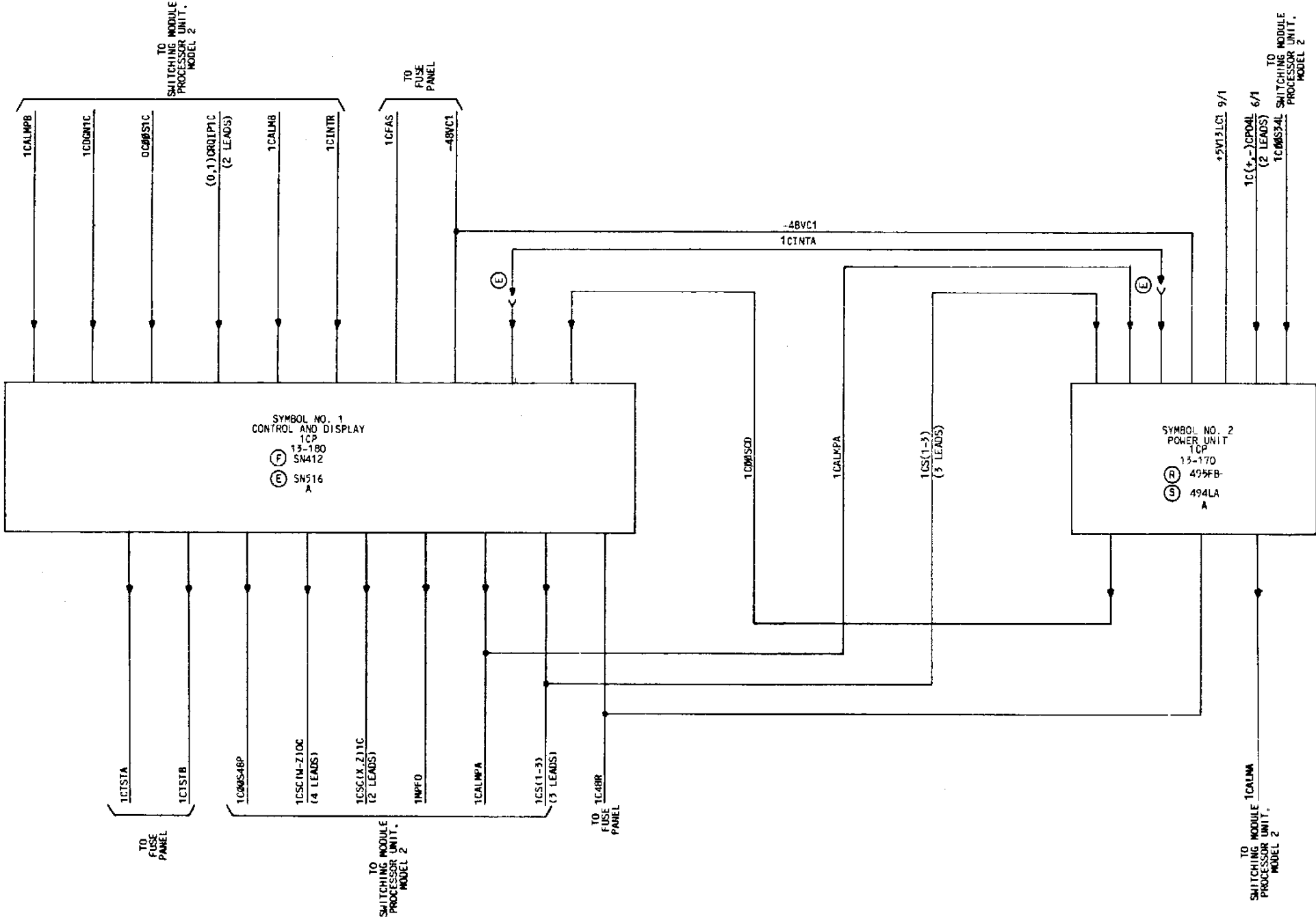
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SHEET
B-#17GA

1 CONTROL AND POWER
(P/O INTERCONNECTION & FLOW DIAGRAM)



TIME SLOT INTERCHANGER UNIT,
MODEL 2

DWG SIZE	ISSUE
01	9AC

AT&T BELL LABORATORIES	SD-5D045-01
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SHEET
B-1 / BA

PART OF FS 18

1 CONTROL AND POWER

SYMBOL NO. 1

CONTROL AND DISPLAY

SYMBOL NO. 1

(CONT)

CONTROL AND DISPLAY

SYMBOL NO. 1

(CONT)

CONTROL AND DISPLAY

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CP	13-180	SN412	A	(F)
1CP	13-180	SN516	A	(E)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	(E)0	SCW3B1	C12			
	(E)0	SCW1	013			
	(E)0	SCW1	020			
	(E)0	SCDGNOR	033			
	(E)0	SCDGN0	034			
	(E)0	SCVRTN0	035			
	(E)0	SCVRTN1	036			
	(E)0	RSRV	037			
	(E)0	RSRV	038			
	(E)0	RSRV	039			
	(E)0	SCY3BR	040			
	(E)0	SCX3B1R	041			
	(E)0	SCZR1	042			
	(E)0	SCW1	043			
	(E)0	SCW1	047			
	(F)0	TST1N	049			
	(E)1	DGNFAHR				
	(F)0	SEYR	053			
	(E)0	SCY3BR				
	(F)0	SCX	054			
	(E)0	SCX3B0R				
	(F)0	SCZR	055			
	(E)0	SCZR0				
	(E)0	SCW0	056			
	(E)0	SCW0	110			
	0	SCY1	118			
	(E)0	SCDGN1R	133			
	(E)0	SCDGN1	134			
	(E)0	SCV0	135			
	(E)0	SCV1	136			
	(E)0	RSRV	137			
	(E)0	RSRV	138			
	(E)0	RSRV	139			
	(E)0	MPF0	140			
	(E)0	SCX3B1	141			
	(E)0	SCZ3B1	142			
	(E)0	SCW3B1	143			
	(E)0	RSRV	145			
	(E)0	SCW3B	147			
	(F)0	SCX3B	154			
	(E)0	SCX3B0				
	(F)0	SCZ3B	155			
	(E)0	SCZ3B0				
	(E)0	SCW3B0	156			
	(E)1	WDE1FN0	002			
	1	DOS1	011			
	(E)1	DGN0	032			
	(F)1	PINT	048			
	(E)0	DGNFAWS				
	(F)1	DOSR	051			
	(E)0	DOSR				
	(E)1	YDELENO	101			
	(E)1	EXRTN	113			
	(F)1	INH	114			
	(E)1	EXIN				
	(F)1	FAS	121			
	(E)1	ZIN				
	(E)1	DGN3B	150			
	1	DOS3B	151			
	1	ROIP3B	152			
-48VC1	(F)PWR	-48	006		18/2	
	(E)PWR	-48V				

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CP	13-180	SN412	A	(F)
1CP	13-180	SN516	A	(E)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(F)PWR	-48	007		18/1	
	(E)PWR	-48V				
	(F)PWR	-48	008		18/1	
	(E)PWR	-48V				
	(F)PWR	-48	106		18/1	
	(E)PWR	-48V				
	(F)PWR	-48	107		18/1	
	(E)PWR	-48V			TO FUSE PANEL	
	(F)PWR	-48	108		18/1	
	(E)PWR	-48V				
GRD13180	(F)OT	SCZR	016			
	(E)OT	SCZR0				
	(F)OT	SCX	019			
	(E)OT	SCX3B0R				
	(E)OT	SCW0	024			
	(E)OT	DGNRTN	050			
	(F)OT	SCYR	120			
	(E)1	MPFORTN				
	1	ROIP3BR	052			
	1	Q2SR	112			
000S1C	1	00S0	010		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
00R0IP1C	1	ROIP0	022		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1CALNB	1	AD	117		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1CALNPA	0	CARD	123		18/2 TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1CALNPB	(E)1	PINT	148		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1CDGN1C	(E)1	DGN1	132		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1CFAS	(F)1	FAS	045		TO FUSE PANEL	
1CINTA	(E)1	ZIN	116		(E)18/2	
1CINTR	(E)1	INTR	115		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1CDOSED	(F)1	DOSCONV	111		18/2	
1CDO54BP	(E)0	DOSCONV	109		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1CROIP1C	1	ROIP1	021		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1ESCM0C	(E)0	SCW3B0	023		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1ESCX0C	0	SCX0	018		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1ESCX1C	0	SCX1	017		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CP	13-180	SN412	A	(F)
1CP	13-180	SN516	A	(E)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
					MODEL 2	
1CSCY0C	0	SCY0	119		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1CSCZ0C	0	SCZ0	015		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1CSCZ1C	0	SCZ1	014		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1CS1	(F)0	S1	124		18/2 TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	(E)1	RS1				
1CS2	(F)0	S2	122		18/2 TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	(E)1	RS2				
1CS3	(F)0	S3	009		18/2 TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	(E)1	RS3				
1CTSTA	0	TSTA	146		TO FUSE PANEL	
1CTSTB	0	TSTB	046		TO FUSE PANEL	
1C4BR	1	ZRTN	149		18/1	
	(F)GRD	-48RTN	003		18/1	
	(E)GRD	48RTN	004		18/1	
	(F)GRD	-48RTN				
	(E)GRD	48RTN	102		18/2	
	(F)GRD	-48RTN				
	(E)GRD	48RTN				
	(F)GRD	-48RTN	103		18/1 TO FUSE PANEL	
	(E)GRD	48RTN	104		18/1	
1MPF0	(F)GRD	-48RTN				
	(E)GRD	48RTN				
	(F)0	SCY3B	153		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
	(E)0	MPF0				

PART OF FS 18
SYMBOL(S) 1

TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE A	ISSUE 9AC
AT&T BELL LABORATORIES		SD-5D045-01	
		B#18CA	

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03/05/83

PART OF FS 18 1 CONTROL AND POWER

SYMBOL NO. 2 POWER UNIT

SYMBOL NO. 2 (CONT) POWER UNIT

SYMBOL NO. 2 (CONT) POWER UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CP	13-170	495FB	A	(R)
1CP	13-170	495G1	A	(S)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CP	13-170	495FB	A	(R)
1CP	13-170	495G1	A	(S)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CP	13-170	495FB	A	(R)
1CP	13-170	495G1	A	(S)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
NC	I	RS4	010		
5V13LC1	PHR	VOUT1(+)	045	9/1	
	PHR	VOUT1(+)	046	9/1	
	PHR	VOUT1(+)	047	9/1	
	PHR	VOUT1(+)	048	9/1	
	PHR	VOUT1(+)	049	9/1	
	PHR	VOUT1(+)	050	9/1	
	PHR	VOUT1(+)	051	9/1	
	PHR	VOUT1(+)	052	9/1	
	PHR	VOUT1(+)	053	9/1	
	PHR	VOUT1(+)	054	9/1	
	PHR	VOUT1(+)	055	9/1	
	PHR	VOUT1(+)	056	9/1	
	PHR	SB(+)	118	9/1	
	PHR	VOUT1(+)	145	9/1	
	PHR	VOUT1(+)	146	9/1	
	PHR	VOUT1(+)	147	9/1	
	PHR	VOUT1(+)	148	9/1	
	PHR	VOUT1(+)	149	9/1	
	PHR	VOUT1(+)	150	9/1	
	PHR	VOUT1(+)	151	9/1	
	PHR	VOUT1(+)	152	9/1	
	PHR	VOUT1(+)	153	9/1	
	PHR	VOUT1(+)	154	9/1	
	PHR	VOUT1(+)	155	9/1	
	PHR	VOUT1(+)	156	9/1	
	PHR	VOUT1(+)	245	9/1	
	PHR	VOUT1(+)	246	9/1	
	PHR	VOUT1(+)	247	9/1	
	PHR	VOUT1(+)	248	9/1	
	PHR	VOUT1(+)	249	9/1	
	PHR	VOUT1(+)	250	9/1	
	PHR	VOUT1(+)	251	9/1	
	PHR	VOUT1(+)	252	9/1	
	PHR	VOUT1(+)	253	9/1	
	PHR	VOUT1(+)	254	9/1	
	PHR	VOUT1(+)	255	9/1	
	PHR	VOUT1(+)	256	9/1	
	PHR	VOUT1(+)	345	9/1	
	PHR	VOUT1(+)	346	9/1	
	PHR	VOUT1(+)	347	9/1	
	PHR	VOUT1(+)	348	9/1	
	PHR	VOUT1(+)	349	9/1	
	PHR	VOUT1(+)	350	9/1	
	PHR	VOUT1(+)	351	9/1	
	PHR	VOUT1(+)	352	9/1	
	PHR	VOUT1(+)	353	9/1	
	PHR	VOUT1(+)	354	9/1	
-48VC1	PHR	VOUT1(+)	355	9/1	
	PHR	VOUT1(+)	356	9/1	
	PHR	VIN(-)	006	18/1	
	PHR	VIN(-)	007	18/1	
	PHR	VIN(-)	008	18/1	
	PHR	VIN(-)	106	18/1	
	PHR	VIN(-)	107	18/1	
	PHR	VIN(-)	108	18/1	
	PHR	VIN(-)	206	18/1	
	PHR	VIN(-)	207	18/1	
	PHR	VIN(-)	208	18/1	
	PHR	VIN(-)	306	18/1	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
GRD13170	PHR	VIN(-)	307	18/1	
	PHR	VIN(-)	308	18/1	
	I	S(-)	119		
	GRD	FRGRD	000		
	GRD	FRGRD	001		
	GRD	VOUT1(-)	032		
	GRD	VOUT1(-)	033		
	GRD	VOUT1(-)	034		
	GRD	VOUT1(-)	035		
	GRD	VOUT1(-)	036		
	GRD	VOUT1(-)	037		
	GRD	VOUT1(-)	038		
	GRD	VOUT1(-)	039		
	GRD	VOUT1(-)	040		
	GRD	VOUT1(-)	041		
	GRD	VOUT1(-)	042		
	GRD	VOUT1(-)	043		
	GRD	FRGRD	100		
	GRD	FRGRD	101		
	GRD	VOUT1(-)	132		
	GRD	VOUT1(-)	133		
	GRD	VOUT1(-)	134		
	GRD	VOUT1(-)	135		
	GRD	VOUT1(-)	136		
	GRD	VOUT1(-)	137		
	GRD	VOUT1(-)	138		
	GRD	VOUT1(-)	139		
	GRD	VOUT1(-)	140		
	GRD	VOUT1(-)	141		
	GRD	VOUT1(-)	142		
	GRD	VOUT1(-)	143		
	GRD	FRGRD	200		
	GRD	FRGRD	201		
	GRD	VOUT1(-)	232		
	GRD	VOUT1(-)	233		
	GRD	VOUT1(-)	234		
	GRD	VOUT1(-)	235		
	GRD	VOUT1(-)	236		
	GRD	VOUT1(-)	237		
	GRD	VOUT1(-)	238		
	GRD	VOUT1(-)	239		
	GRD	VOUT1(-)	240		
	GRD	VOUT1(-)	241		
	GRD	VOUT1(-)	242		
	GRD	VOUT1(-)	243		
	GRD	FRGRD	300		
	GRD	FRGRD	301		
	GRD	VOUT1(-)	332		
	GRD	VOUT1(-)	333		
	GRD	VOUT1(-)	334		
	GRD	VOUT1(-)	335		
	GRD	VOUT1(-)	336		
	GRD	VOUT1(-)	337		
	GRD	VOUT1(-)	338		
	GRD	VOUT1(-)	339		
	GRD	VOUT1(-)	340		
	GRD	VOUT1(-)	341		
	GRD	VOUT1(-)	342		
	GRD	VOUT1(-)	343		
1C-CP04L	I	CP(+)	017	6/1	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
1C-CP04L	I	CP(-)	117	6/1	
1CALHA	O	ALH2	014	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2 18/1	
1CALHPA	I	ALH1	113	18/1	
1CINTA	I	INT	112	(E) 18/1	
1CINTB	I	INT	012	(E) 18/1	
1COOSCD	O	DOS(+)	015	18/1	
1COOS34L	I	DOS(-)	115	TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	
1CSC34L	I	SA(+)	018		
	I	SC(+)	019		
1CS1	I	RS1	011	18/1	
1CS2	I	RS2	110	18/1	
1CS3	I	RS3	109	18/1	
1C48R	GRD	VIN(+)	003	18/1	
	GRD	VIN(+)	004	18/1	
	GRD	VIN(+)	005	18/1	
	GRD	VIN(+)	102	18/1	
	GRD	VIN(+)	103	18/1	
	GRD	VIN(+)	104	18/1	
	GRD	VIN(+)	203	18/1	
	GRD	VIN(+)	204	18/1	
	GRD	VIN(+)	205	18/1	
	GRD	VIN(+)	302	18/1	
	GRD	VIN(+)	303	18/1	
	GRD	VIN(+)	304	18/1	

PART OF FS 18
SYMBOL(S) 2

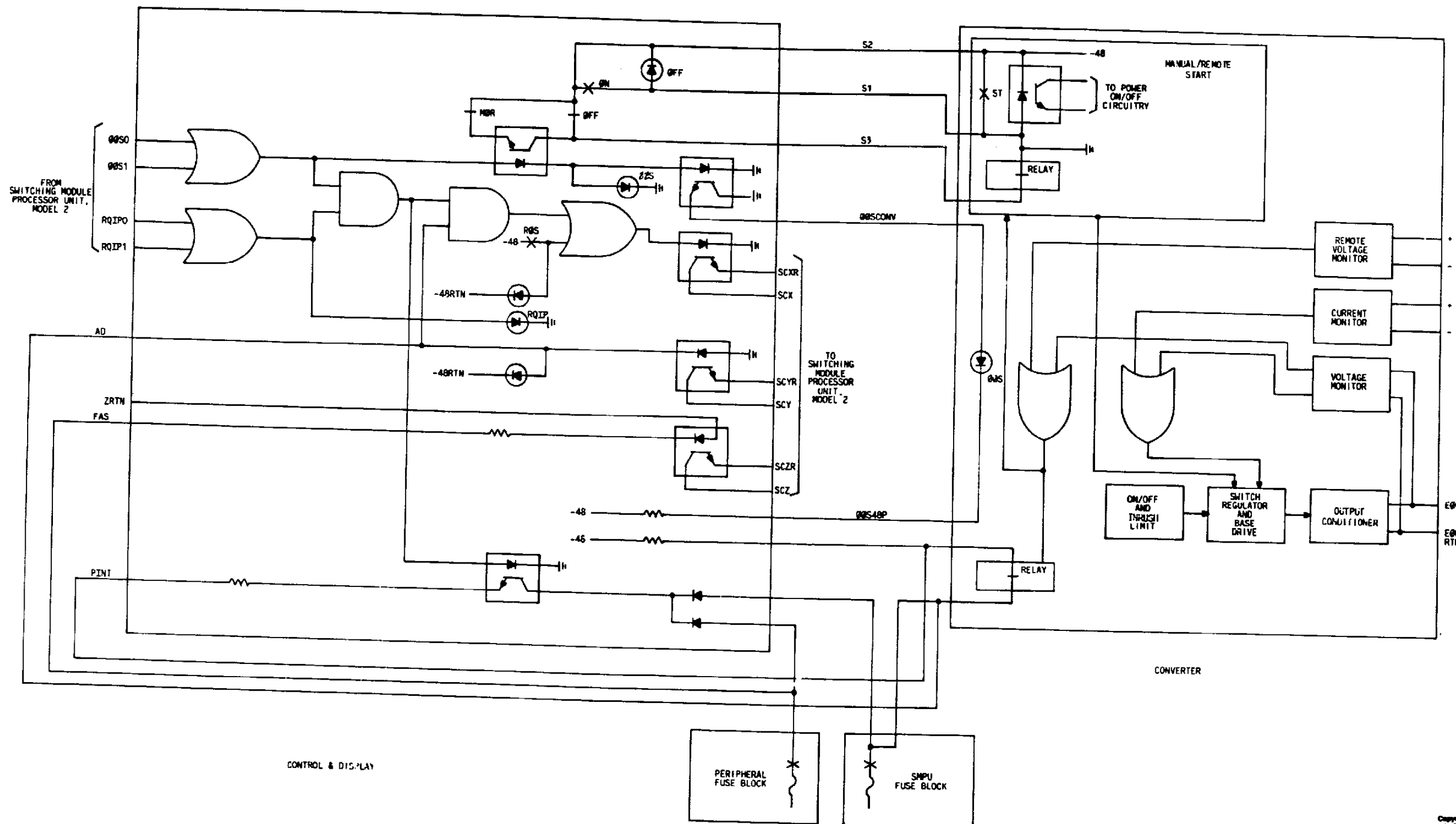
TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE A2	ISSUE 9AC
AT&T BELL LABORATORIES		SD-5D045-01	B#18CB

PART OF FS 18

CONTROLLER POWER 1

COMPOSITE DIAGRAM 1

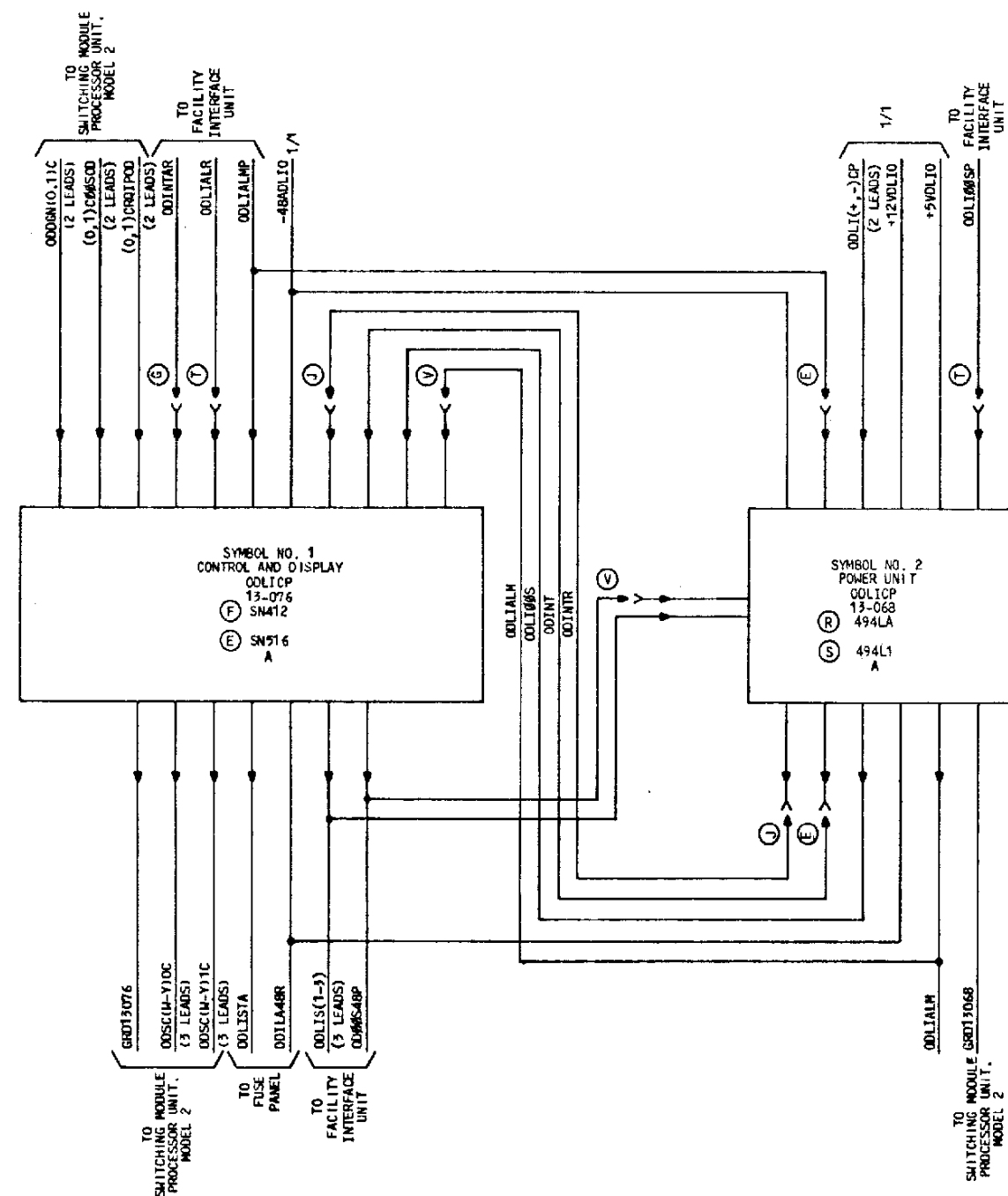
CONTROLLER POWER & CONTROL 1



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TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE 00	ISSUE 11B
AT&T BELL LABORATORIES	SD-5D045-01	SHEET B418GA	

PART OF FS 19
O DLI CONTROL AND POWER
(P/O INTERCONNECTION & FLOW DIAGRAM)



TIME SLOT INTERCHANGER UNIT, MODEL 2		OWN SIZE SS	ISSUE 9AC
AT&T BELL LABORATORIES SD-50045-01		SHEET BPM9AA	

0.011 CONTROL AND POWER

PART OF FS 19			
SYMBOL(S) 1 2			
TIME SLOT INTERCHANGER UNIT, MODEL 2			
DNC SIZE C		ISSUE 9AC	
AT&T BELL LABORATORIES	SD-50045-01		B#19CA

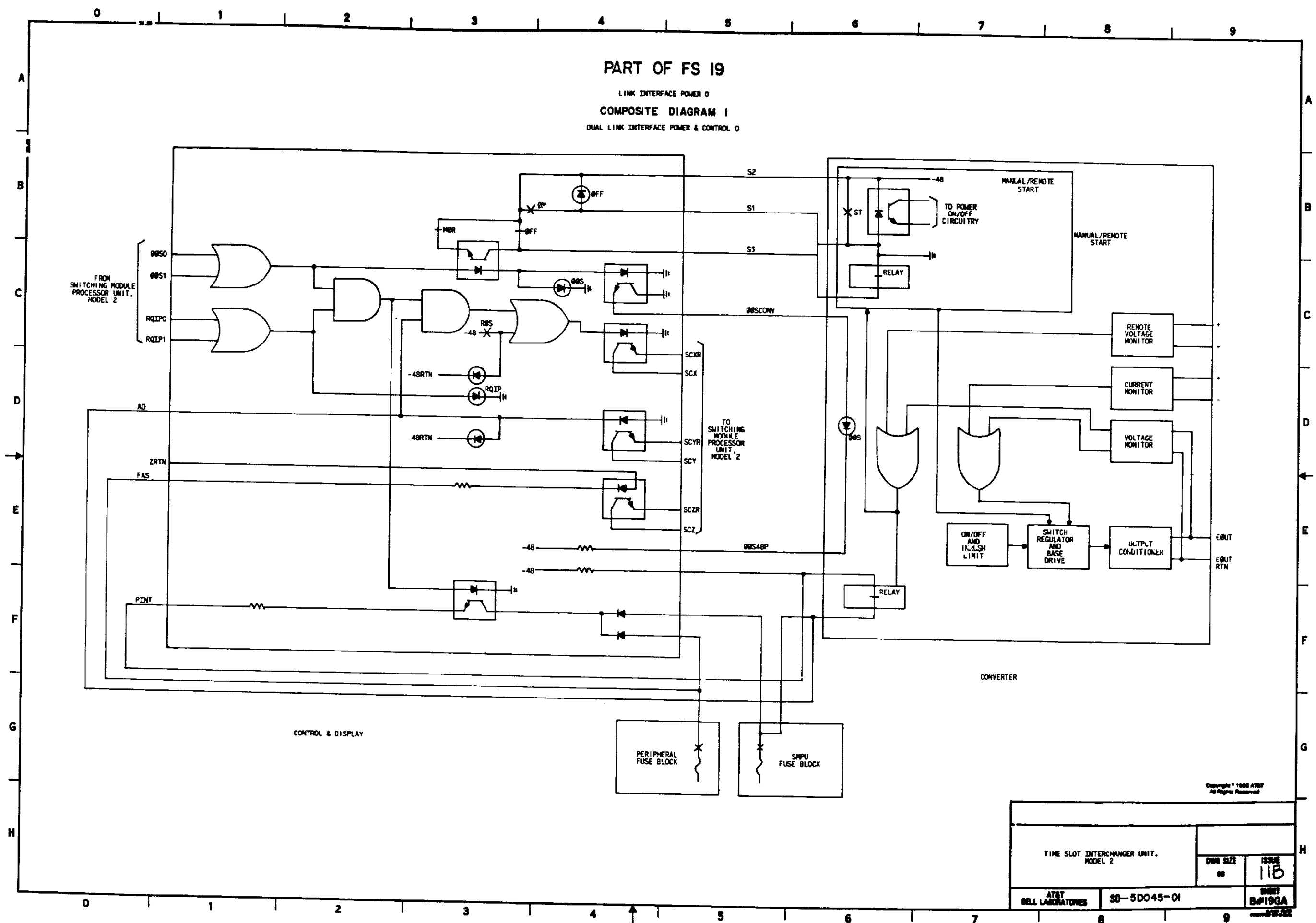
PART OF FS 19 0 DLI CONTROL AND POWER							
SYMBOL NO. 2 (CONT)							
POWER UNIT							
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT			
ODLICP	13-068	494LA	A	(R)			
ODLICP	13-068	494L1	A	(S)			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	VOUT1(-)	133			
	GRD	VOUT1(-)	134			
	GRD	VOUT1(-)	135			
	GRD	VOUT1(-)	136			
	GRD	VOUT1(-)	137			
	GRD	VOUT1(-)	138			
	GRD	VOUT1(-)	139			
	GRD	VOUT1(-)	140			
	GRD	VOUT1(-)	141			
	GRD	VOUT1(-)	142			
DDINT	0	INT	112	(E)	19/1	
DDINTBR	0	INT	012	(G)		
DDINTR	0	INT	012	(J)	(J) 19/1	
ODLI+CP	I	CP(+)	017		1/1	
ODLI-CP	I	CP(-)	117		1/1	
ODLI ALM	0	ALM2	014		(V) 19/1	
					TO FACILITY INTERFACE UNIT OR TO FUSE PANEL	
ODLI ALMP	I	ALM1	113	(E)	19/1	
ODLIA48R	GRD	VIN(+)	003		19/1	
	GRD	VIN(+)	004		19/1	
	GRD	VIN(+)	005		19/1	
	GRD	VIN(+)	102		19/1	
	GRD	VIN(+)	103		19/1	
ODLI OOS	0	OOS(+)	015		19/1	
ODLI OOSP	I	OOS(-)	115	(T)		
ODLI SC	I	SA(+)	018			
	I	SC(+)	019			
ODLI S1	I	RS1	011		19/1	
ODLI S2	I	RS2	110		19/1	
ODLI S3	I	RS3	109		19/1	
DDOOS48P	I	OOS(-)	115	(V)	19/1	

PART OF FS 19
SYMBOL(S) 2

TIME SLOT INTERCHANGER UNIT, MODEL 2		DRAWING SIZE CZ	ISSUE 9AC
AT&T BELL LABORATORIES	SD-50045-01	B#19CB	

TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE	ISLUE
		CZ	9AC
AT&T BELL LABORATORIES	SD-50045-01		B#19CB
		63/05/85	



PART OF FS 19

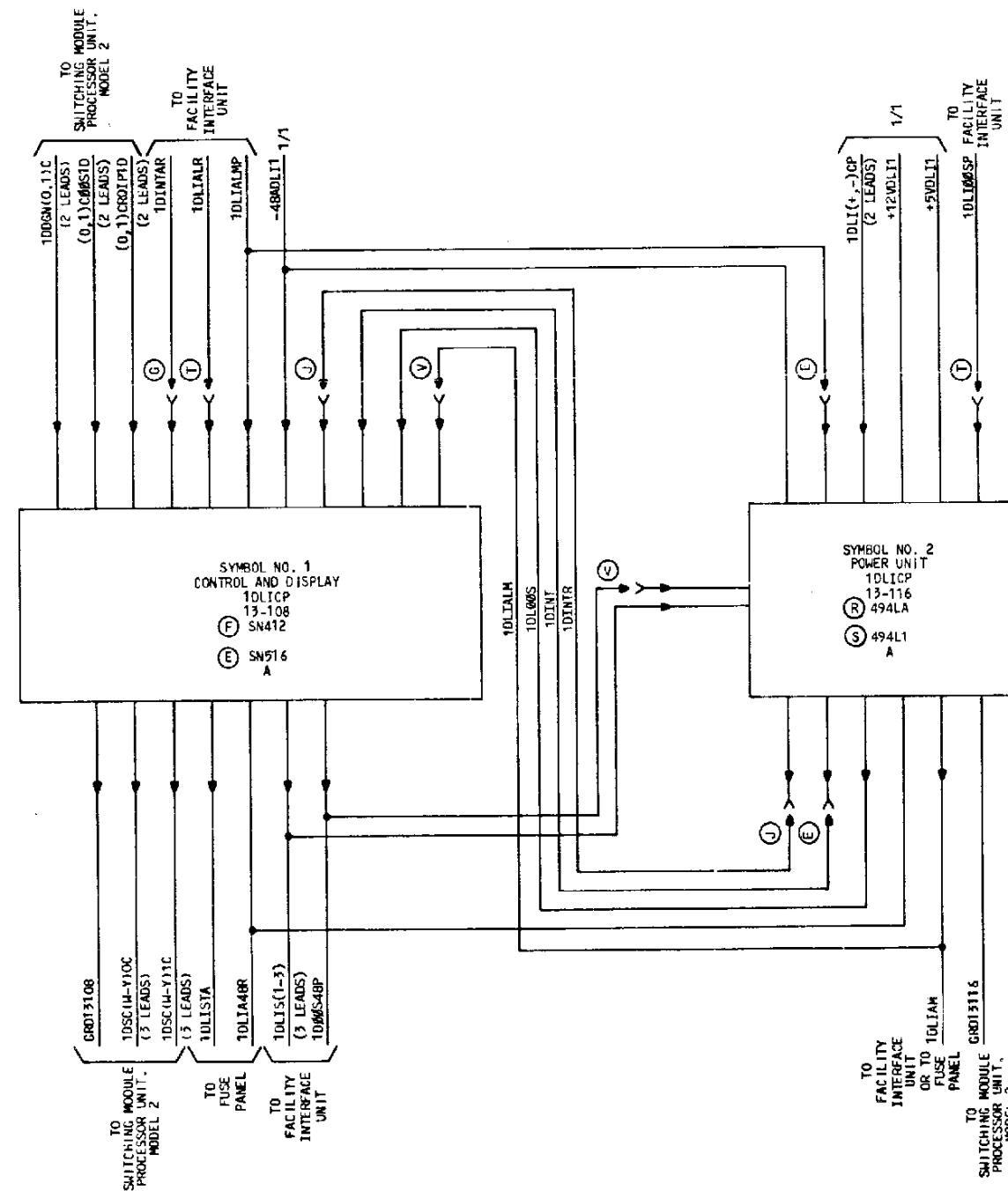
LINK INTERFACE POWER 0

COMPOSITE DIAGRAM 1

DUAL LINK INTERFACE POWER & CONTROL 0

PART OF FS 20

1 DLI CONTROL AND POWER
(P/O INTERCONNECTION & FLOW DIAGRAM)



TIME SLOT INTERCHANGER UNIT,
MODEL 2

DWG SIZE
8

ISSUE
9AC

AT&T BELL LABORATORIES

SD-50045-01

SHEET
BWP20AA

SYMBOL NO. 1 CONTROL AND DISPLAY						SYMBOL NO. 1 (CONT) CONTROL AND DISPLAY						SYMBOL NO. 1 (CONT) CONTROL AND DISPLAY								
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT		DESIG	EQPT LOC	CODE	ELEM IDENT	OPT		DESIG	EQPT LOC	CODE	ELEM IDENT	OPT				
1DL1CP	13-108	SN412	A	(F)		1DL1CP	13-108	SN412	A	(F)		1DL1CP	13-108	SN412	A	(F)				
1DL1CP	13-108	SN516	A	(E)		1DL1CP	13-108	SN516	A	(E)		1DL1CP	13-108	SN516	A	(E)				
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	0	SC21	014					1	2RTN	149					(F)GRD	-48RTN	102		20/1	
	0	SC20	015					(E)1	DGN38	150					(E)GRD	48RTN				
	(F)0	SC2R	016					1	00S38	151					(F)GRD	-48RTN	103		20/1	
	(E)0	SC2R0												(E)GRD	48RTN			TO FUSE PANEL		
	(E)0	SC2R0												(F)GRD	-48RTN	104		20/2		
	(E)0	SC2R0												(E)GRD	48RTN					
	(E)0	SC2R0												(E)GRD	-48RTN					
	(E)0	SC2R0												(E)GRD	48RTN					
	(E)0	SC2R0												(E)GRD	-48RTN					
	(E)0	SC2R0												(E)GRD	48RTN					
	(E)0	SC2R0												(E)GRD	-48RTN					
	(E)0	SC2R0												(E)GRD	48RTN					
	(E)0	SC2R0												(E)GRD	-48RTN					
	(E)0	SC2R0												(E)GRD	48RTN					
	(E)0	SC2R0												(E)GRD	-48RTN					
	(E)0	SC2R0												(E)GRD	48RTN					
	(E)0	SC2R0												(E)GRD	-48RTN					
	(E)0	SC2R0												(E)GRD	48RTN					
	(E)0	SC2R0												(E)GRD	-48RTN					
	(E)0	SC2R0												(E)GRD	48RTN					
	(E)0	SC2R0												(E)GRD	-48RTN					
	(E)0	SC2R0												(E)GRD	48RTN					
	(E)0	SC2R0												(E)GRD	-48RTN					
	(E)0	SC2R0												(E)GRD	48RTN					
	(E)0	SC2R0												(E)GRD	-48RTN					
	(E)0	SC2R0												(E)GRD	48RTN					
	(E)																			

TIME SLOT INTERCHANGER UNIT, MODEL 2		<table border="1"> <tr> <td>DWG SIZE C</td> <td>ISSUE 9AC</td> </tr> </table>	DWG SIZE C	ISSUE 9AC
DWG SIZE C	ISSUE 9AC			
AT&T BELL LABORATORIES	SD-5D045-01	B#20CA		
PRINTED IN U. S. A.		03/05/85		

PART OF FS 20
1 DLI CONTROL AND POWER

SYMBOL NO. 2
POWER UNIT

SYMBOL NO. 2 (CONT)
POWER UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
1DLICP	13-116	494LA	A	(R)
1DLICP	13-116	494L1	A	(S)

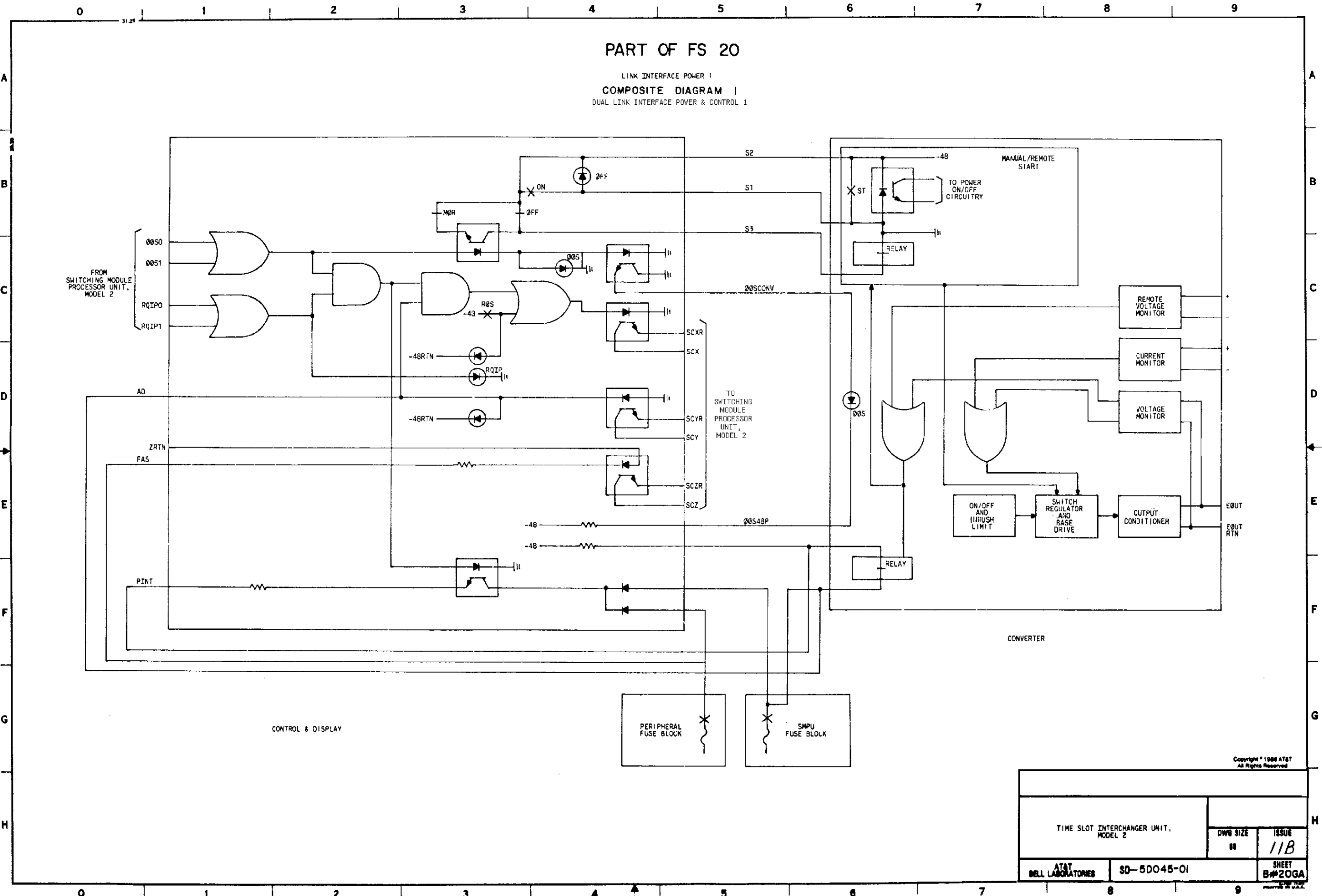
DESIG	EOP LOC	CODE	ELEM IDENT	OPT
1DLICP	13-116	494LA	A	(R)
1DLICP	13-116	494L1	A	(S)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
NC	I	RS4	010		
+12VOLT11	PWR	VOUT2(+)	024	3/1	
	PWR	VOUT2(+)	123	3/1	
+5VOLT11	PWR	VOUT2(+)	124	3/1	
	PWR	VOUT1(+)	045	3/1	
	PWR	VOUT1(+)	046	3/1	
	PWR	VOUT1(+)	047	3/1	
	PWR	VOUT1(+)	048	3/1	
	PWR	VOUT1(+)	049	3/1	
	PWR	VOUT1(+)	050	3/1	
	PWR	VOUT1(+)	051	3/1	
	PWR	VOUT1(+)	052	3/1	
	PWR	VOUT1(+)	053	3/1	
	PWR	VOUT1(+)	054	3/1	
	PWR	VOUT1(+)	055	3/1	
	PWR	VOUT1(+)	056	3/1	
	PWR	SB(+)	118	3/1	
	PWR	VOUT1(+)	145	3/1	
	PWR	VOUT1(+)	146	3/1	
	PWR	VOUT1(+)	147	3/1	
	PWR	VOUT1(+)	148	3/1	
	PWR	VOUT1(+)	149	3/1	
	PWR	VOUT1(+)	150	3/1	
	PWR	VOUT1(+)	151	3/1	
	PWR	VOUT1(+)	152	3/1	
	PWR	VOUT1(+)	153	3/1	
	PWR	VOUT1(+)	154	3/1	
-48ADL11	PWR	VOUT1(+)	155	3/1	
	PWR	VOUT1(+)	156	3/1	
	PWR	VIN(-)	006	3/1	
	PWR	VIN(-)	007	3/1	
	PWR	VIN(-)	008	3/1	
	PWR	VIN(-)	106	3/1	
	PWR	VIN(-)	107	3/1	
	PWR	VIN(-)	108	3/1	
GRD13116	I	S(-)	119		
	GRD	FRGRD	000		
	GRD	FRGRD	001		
	GRD	VOUT2(-)	022		
	GRD	VOUT2(-)	023		
	GRD	VOUT1(-)	032		
	GRD	VOUT1(-)	033		
	GRD	VOUT1(-)	034		
	GRD	VOUT1(-)	035		
	GRD	VOUT1(-)	036		
	GRD	VOUT1(-)	037		
	GRD	VOUT1(-)	038		
	GRD	VOUT1(-)	039		
	GRD	VOUT1(-)	040		
	GRD	VOUT1(-)	041		
	GRD	VOUT1(-)	042		
	GRD	VOUT1(-)	043		TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2
	GRD	FRGRD	100		
	GRD	FRGRD	101		
	GRD	VOUT2(-)	122		
	GRD	VOUT1(-)	132		
	GRD	VOUT1(-)	133		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	GRD	VOUT1(-)	134		
	GRD	VOUT1(-)	135		
	GRD	VOUT1(-)	136		
	GRD	VOUT1(-)	137		
	GRD	VOUT1(-)	138		
	GRD	VOUT1(-)	139		
	GRD	VOUT1(-)	140		
	GRD	VOUT1(-)	141		
	GRD	VOUT1(-)	142		
1DINT	GRD	VOUT1(-)	143		
1DINTBR	O	INT	112	(E)	20/1
	O	INT	012	(G)	
1DINTR	O	INT	012	(J)	(J)20/1
1DL1-CP	I	CP(+)	017	3/1	
1DL1-CP	I	CP(-)	117	3/1	
1DLIALM	O	ALM2	014		(V)20/1 TO FACILITY INTERFACE UNIT OR TO FUSE PANEL
1DLIALMP	I	ALM1	113	(E)	20/1
1DLIA48R	GRD	VIN(+)	003		20/1
	GRD	VIN(+)	004		20/1
	GRD	VIN(+)	005		20/1
	GRD	VIN(+)	102		20/1
	GRD	VIN(+)	103		20/1
1DL100S	GRD	VIN(+)	104		20/1
	O	OOS(+)	015		20/1
1DL100SP	I	OOS(-)	115	(T)	
1DLISC	I	SA(+)	018		
	I	SC(+)	019		
1DLIS1	I	RS1	011		20/1
1DLIS2	I	RS2	110		20/1
1DLIS3	I	RS3	109		20/1
1D00S48P	I	OOS(-)	115	(V)	20/1

PART OF FS 20
SYMBOL(S) 2

TIME SLOT INTERCHANGER UNIT, MODEL 2		CWG SIZE 2	ISSUE 9AC
AT&T BELL LABORATORIES	SD-5D045-01	B#20CB	



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TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE 11	ISSUE 11B
AT&T BELL LABORATORIES	SD-50045-01	SHEET B#20GA	

APP FIG. 1

WIRING AS PER FS 1-20.

TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE DS	ISSUE 1
BELL LABORATORIES	SD-50045-01	SHEET C-1	

APP FIG. 3

CIRCUIT PACK					
EDPT LOC	04-018		04-164		EDPT LOC
DESIG	C100		C110		DESIG
CODE	UN71		UN71		CODE
OPTION					OPTION
ELEM IDENT					ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		12/1		14/1	A

APP FIG. 4

CIRCUIT PACK					
EDPT LOC	04-010		04-172		EDPT LOC
DESIG	C101		C111		DESIG
CODE	UN71		UN71		CODE
OPTION					OPTION
ELEM IDENT					ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		11/1		13/1	A

ISSUE
1

TIME SLOT INTERCHANGER UNIT,
MODEL 2

BELL TELEPHONE LABORATORIES
INCORPORATED

DR. SIZE
C2

SD-5D045-01-C#3

1-10-62

0 1 2 3 4 5 6 7 8 9

A A

CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
BATTERY SYMBOL		VOLTAGE RANGE	

102. (REFER TO NOTE 201)

EQUIPMENT NOTES:

201. UNLESS OTHERWISE SPECIFIED, ALL BACKPLANE WIRING WILL BE AUTOMATIC MACHINE WIRING (A-04) 30 GAUGE, WHICH HAS BEEN PROCESSED BY THE WESWRAP PROGRAMS.

B

C

D

E

F

G

H

TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE 01	ISSUE 9AC
AT&T BELL LABORATORIES	30-5D045-01	SHEET 01	

0 1 2 3 4 5 6 7 8 9

INFORMATION NOTES:

301. UNLESS OTHERWISE SPECIFIED:
RESISTANCE VALUES ARE IN OHMS,
CAPACITANCE VALUES ARE IN MICROFARADS,
VALUES PRECEDED BY THE SYMBOL + (PLUS)
OR - (MINUS) ARE IN VOLTS.

FEATURE OR OPTION		APP FIG.	APP OR WRG	QUANTITY
UNIT WIRING	SINGLE SM FIBER OPTIC		Z	1 PER UNIT
	MULTI SM FIBER OPTIC		Y	
	STANDARD WRG			
	WRG FOR NON RSM SN412		V	
	WRG FOR NON RSM SN516		J	2 PER APP FIG.1
	WRG REQ. FOR CONTROL CAPABILITY OF THE FIU IN DLI SERVICE GROUP		T	
	WRG FOR RSM SN412		G	
	WRG FOR RSM SN516		Q	
	BERG SWITCH SEE NOTE 306		B	
	WIRING REQUIRED TO PROVIDE INTRODUCTION OF ISDN CAPABILITIES			
BASIC UNIT EQUIPAGE	POWER CONVERTER NOTE 305	495F8 494LA	R	
		495G1 494L1	S	
	CONTROL AND DISPLAY CIRCUIT PACKS	SN412	F	
		SN516 9E2(1)	E	2 PER UNIT
	NON REVERTIVE PULSING TN127, TN319, TN876		P	
	REVERTIVE PULSING TN127B, TN319B, TN876		N	
	NON REVERTIVE PULSING TN127, TN319, TN129		M	
	UP TO 23 PERIPHERAL PORTS		3	1 PER APP FIG.2
	ADDITIONAL PERIPHERAL PORTS		4	1 PER APP FIG.3

RECORD OF APP FIGURES, WIRING, AND APPARATUS CHANGES						
CHANGES ON ISSUE	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT		
				STD	ASM	MO
2AC	V OR T	NONE		V OR T		
2AC	R OR S	S	306	R		
8D	Q	NGNE	305	Q		
8D	P,N OR M	P		P,N OR M		
8D	J OR G	NONE		J OR G		
8D	F OR E	F		F OR E		
9AC	B	NONE		B		

INFORMATION NOTES (CONT):

CIRCUIT PACK CODE OR MICROCODE	COMMON LANGUAGE EQUIPMENT IDENTIFICATION CODE (CLEI)
SN412	ESPQ06CAXX
TN127	ESPQ10GAXX
TN127B	ESPQ40SAXX
TN212	ESPQ14GAXX
TN213	ESPQ14HAXX
TN214	ESPQ14JAXX
TN315	ESPQ19LAXX
TN315B	ESPQ40YAXX
TN865	ESPQ31AAXX
TN866	ESPQ31GAXX
TN876	ESPQ31NAXX
TN877	ESPQ31PAXX
TN887	ESPQ40FAXX
UN71	ESPQ21ZAXX
494L1	PWPQ20LAXX
494LA	PWPQ23XAXX
495G1	PWPQ21GAXX
495F8	PWPQ54CAXX

305. OPTION R REQUIRED FOR ALL SYSTEMS NOT IN SYSTEM TEST PRIOR TO 8-1-83.

306. DLI TIME SLOT SELECTION SWITCH.

INFORMATION CONCERNING THE SETTING OF CONTROL TIME SLOTS FOR A PARTICULAR IM CAN BE DETERMINED THROUGH "RECENT CHANGE" IN THIS ENVIRONMENT A MENU WILL BE GIVEN THAT WILL ALLOW ACCESS TO "EQUIPMENT MODULE". CHOOSING THIS ITEM WILL PRODUCE ANOTHER MENU ALLOWING ACCESS TO INFORMATION CONCERNING ANY SM FOR THAT OFFICE. SPECIFYING THE IMC WILL SHOW EVEN AND ODD CONTROL TIME SLOT SETTINGS FOR THAT SM. REFER TO NOTES 307 FOR EXCEPTIONS.

307. 1.) SINGLE SWITCHING MODULE SYSTEMS:
IN THIS APPLICATION, THE TIME SLOT SELECT
SWITCH NUMBERS ARE SET TO THE FOLLOWING VALUES.

SWITCH EQL	VALUE
13-082-034	253
13-098-034	253
13-082-047	252
13-098-047	252

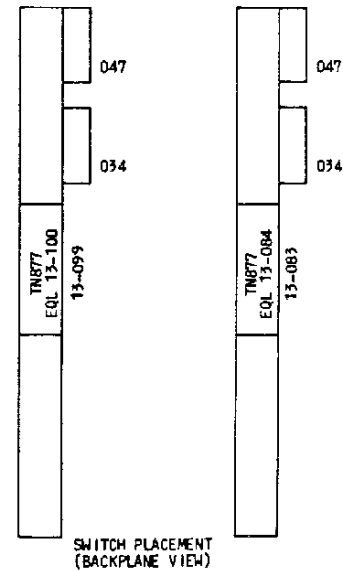
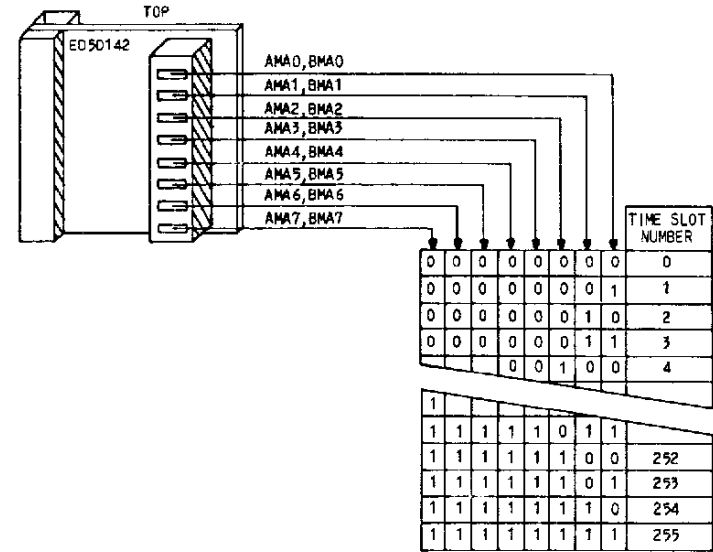
2.) SWITCHING MODULES USED IN RSM (REMOTE SWITCH
MODULES):
IN THIS APPLICATION THE TIME SLOT SELECT SWITCHES
ARE REMOVED FROM THE BACKPLANE. (OPTION Q IS NOT
USED) (IF OPTION Q HAS ALREADY BEEN ADDED TO THE TABLE).
THIS WILL REMOVE THE FOLLOWING SIGNALS FROM BEING
GROUNDED BY THE BERG SWITCHES AND ENABLE THE MESSAGE
TIME SLOT NUMBER TO BE PROGRAMMED BY THE MODULE
CONTROLLER.

SIGNAL NAME	TERMINAL EQL
0AMAEN	3-084-056
0BMAEN	3-084-045
1AMAEN	3-100-056
1BMAEN	3-100-045

3.) MINIMALLY CONFIGURED RSMs: (TWO OR THREE T1 LINES)

IN THIS APPLICATION, THE TIME SLOT SWITCHES ARE NOT REMOVED FROM
THE BACKPLANE. THIS WILL ALLOW FORCED SELECTION OF THE MESSAGE
TIME SLOT. THE MESSAGE TIME SLOT FOR THIS CONFIGURATION WILL
BE TIME SLOT ZERO ON ALL FOUR SWITCHES.

308. THE BERG SWITCHES HAVE 2X10 CONNECTORS WITH LOWER LEFT PLACEMENT AT
13-083-047 AND 13-083-034. THE SIGNALS ARE PROVIDED AT THE 13-082
EQUIPMENT LOCATION. THE BERG SWITCHES AT 13-099-047 AND 13-099-034
ARE PROVIDED WITH A SIGNAL LOCATION AT 13-098.



SWITCH PLACEMENT
(BACKPLANE VIEW)

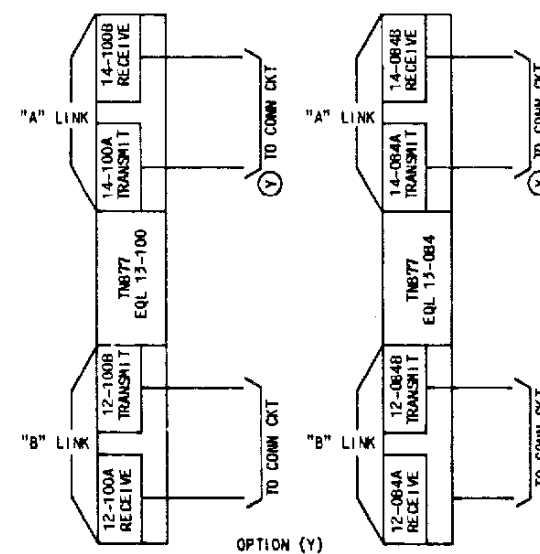
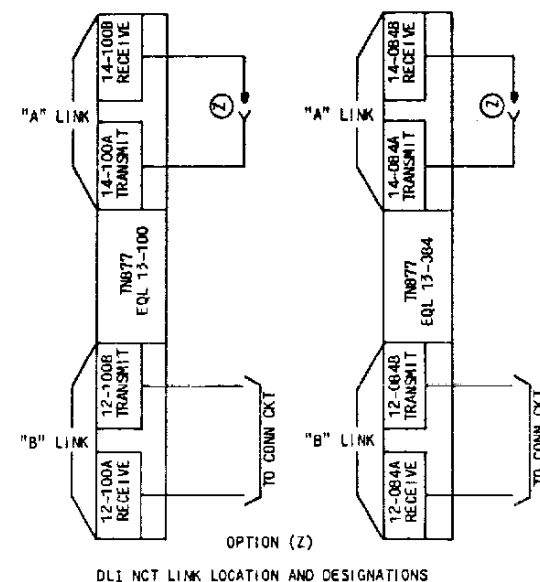
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TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE	ISSUE
		18	12D
AT&T BELL LABORATORIES		SD-50045-01	D#1

INFORMATION NOTES: (CONT)

309. DLI NCT FIBER OPTIC LINKS.

- 1.) SINGLE SWITCHING MODULE SYSTEMS:
IN SINGLE MODULE APPLICATIONS, ONLY THE "B" LINK SHOULD BE CONNECTED TO THE CONNECTING CIRCUIT, WHILE THE "A" LINK WILL BE LOOPED ON ITSELF. OPTION (Z).
- 2.) MULTIPLE SWITCHING MODULE SYSTEMS:
IN MULTI-MODULE APPLICATION BOTH THE "A" AND "B" LINKS SHOULD BE CONNECTED TO ITS CONNECTING CIRCUIT. OPTION (Y).



310. THE TERMINALS INDICATED BELOW ARE HIGH VOLTAGE (-48V) TERMINALS THAT SHOULD BE SLEEVED.

EQL	TERMINAL
13-084	006
13-084	106
13-100	006
13-100	106

311. THE FOLLOWING TERMINALS ON UN71 CIRCUIT PACK ARTMASTER ISSUE 2 THAT ARE REQUIRED FOR TEST POINTS ARE NOT REQUIRED FOR UN71 CIRCUIT PACK ARTMASTER ISSUE 3: 038, 045, 051, 138, 145, 151, 238, 245, 251.

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TIME SLOT INTERCHANGER UNIT,
MODEL 2

DWG SIZE
B

ISSUE
11B

AT&T BELL LABORATORIES

SD-50045-01

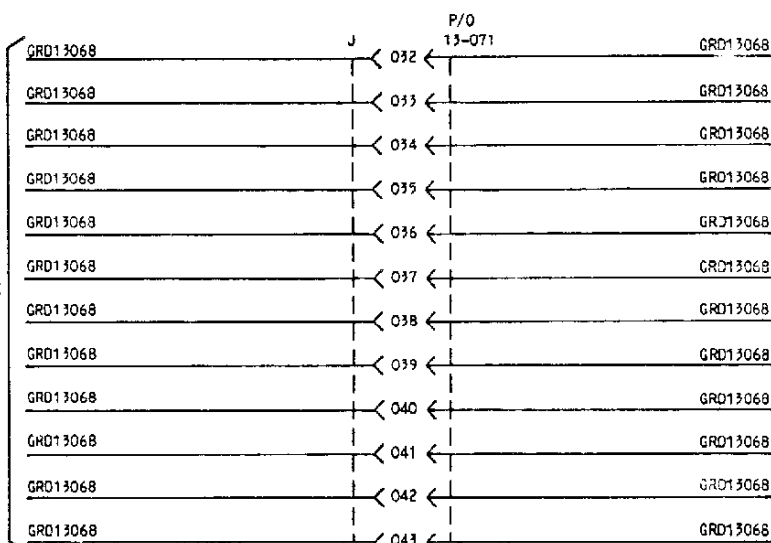
D#2

NOTES:

1. THE FOLLOWING SHOWS THE SYMBOLIC EQUIVALENT OF THE TABULAR PRESENTATION.

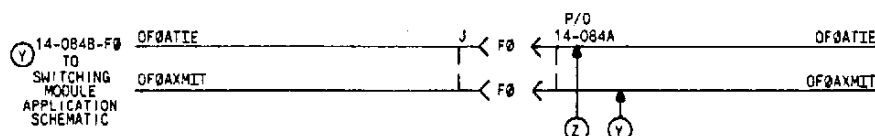
TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
J				13-071	JACK/TF				
TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	GRD13068		P000	032	GRD13068				
	GRD13068		P001	033	GRD13068				
	GRD13068		P002	034	GRD13068				
	GRD13068		P003	035	GRD13068				
	GRD13068		P004	036	GRD13068				
	GRD13068		P005	037	GRD13068				
	GRD13068		P006	038	GRD13068				
	GRD13068		P007	039	GRD13068				
	GRD13068		P008	040	GRD13068				
	GRD13068		P009	041	GRD13068				
	GRD13068		P010	042	GRD13068				
	GRD13068		P011	043	GRD13068				

TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2



2. THE FOLLOWING SHOWS THE SYMBOLIC EQUIVALENT OF THE TABULAR PRESENTATION.

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
J				14-084A	JACK/CP				
14-084B-F8 (Y) TO SWITCHING MODULE APPLICATION SCHEMATIC	OF0ATIE		F8		OF0ATIE			(Z)	
	OF0AXMIT		F8		OF0AXMIT			(Y)	

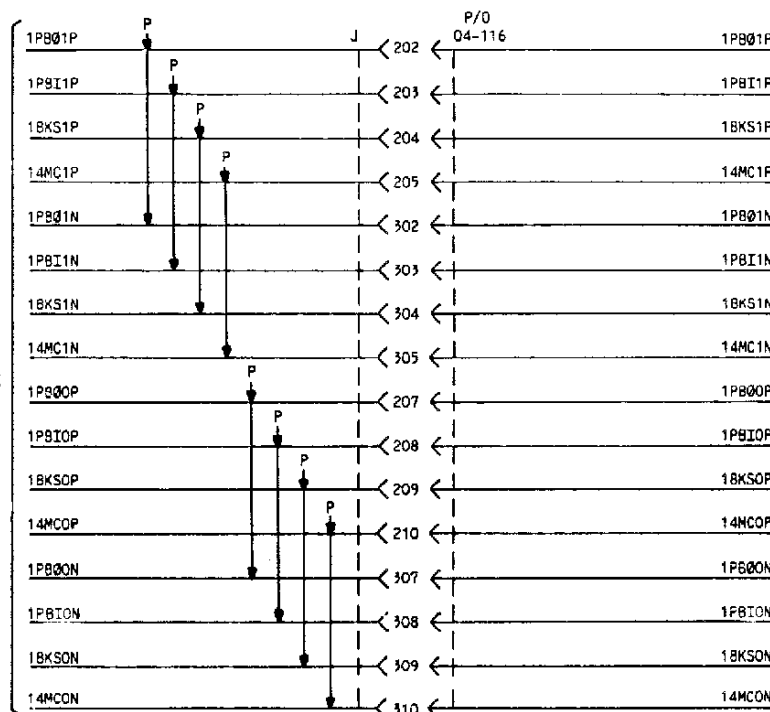


NOTES: (CONT)

3. THE FOLLOWING SHOWS THE SYMBOLIC EQUIVALENT OF THE TABULAR PRESENTATION.

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
J				04-116	JACK/CP				
TO DIGITAL SERVICE UNIT	1PB01P		P000	202	1PB01P				
	1PB11P		P001	203	1PB11P				
	1BKS1P		P002	204	1BKS1P				
	14MC1P		P003	205	14MC1P				
	1PB01N		P000	302	1PB01N				
	1PB11N		P001	303	1PB11N				
	1BKS1N		P002	304	1BKS1N				
	14MC1N		P003	305	14MC1N				
J				04-116	JACK/CP				
TO DIGITAL SERVICE UNIT	1PB00P		P004	207	1PB00P				
	1PB10P		P005	208	1PB10P				
	1BKS0P		P006	209	1BKS0P				
	14MC0P		P007	210	14MC0P				
	1PB00N		P004	307	1PB00N				
	1PB10N		P005	308	1PB10N				
	1BKS0N		P006	309	1BKS0N				
	14MC0N		P007	310	14MC0N				

TO DIGITAL SERVICE UNIT



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TIME SLOT INTERCHANGER UNIT,
MODEL 2

DWG SIZE
8 1/2

ISSUE
11B

AT&T
BELL LABORATORIES

SD-50045-01

SHEET
GB1

CAD 1 UNIT SYMBOL

ELEMENT IDENTIFIER

A0

DUPLEX LINK INTERFACE 0

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD13068	G	13-071-054	13-068-033	19/2	
GRD13068	G	13-071-056	13-068-033	19/2	
GRD13068	G	13-071-035	13-068-033	19/2	
GRD13068	G	13-071-037	13-068-033	19/2	
GRD13068	G	13-071-039	13-068-033	19/2	
GRD13068	G	13-071-033	13-068-033	19/2	
GRD13068	G	13-071-042	13-068-033	19/2	
GRD13068	G	13-071-032	13-068-033	19/2	
GRD13068	G	13-071-040	13-068-033	19/2	
GRD13068	G	13-071-038	13-068-033	19/2	
GRD13068	G	13-071-036	13-068-033	19/2	
GRD13068	G	13-071-034	13-068-033	19/2	
GRD13068	G	13-071-053	13-068-033	19/2	
GRD13068	G	13-071-055	13-068-033	19/2	
GRD13068	G	13-071-046	13-068-033	19/2	
GRD13068	G	13-071-048	13-068-033	19/2	
GRD13068	G	13-071-050	13-068-033	19/2	
GRD13068	G	13-071-041	13-068-033	19/2	
GRD13068	G	13-071-052	13-068-033	19/2	
GRD13068	G	13-071-045	13-068-033	19/2	
GRD13068	G	13-071-049	13-068-033	19/2	
GRD13076	G	13-071-051	13-068-033	19/2	
GRD13076	G	13-071-043	13-068-033	19/2	
GRD13076	G	13-071-047	13-068-033	19/2	
GRD13076	O	13-073-032	13-076-024	19/1	
GRD13076	O	13-073-048	13-076-024	19/1	
GRD13076	O	13-073-034	13-076-024	19/1	
GRD13076	O	13-073-038	13-076-024	19/1	
GRD13076	O	13-073-040	13-076-024	19/1	
GRD13076	O	13-073-055	13-076-024	19/1	
GRD13076	O	13-073-043	13-076-024	19/1	
GRD13076	O	13-073-042	13-076-024	19/1	
GRD13076	O	13-073-051	13-076-024	19/1	
GRD13076	O	13-073-036	13-076-024	19/1	
GRD13076	O	13-073-054	13-076-024	19/1	
GRD13076	O	13-073-033	13-076-024	19/1	
GRD13076	O	13-073-035	13-076-024	19/1	
GRD13076	O	13-073-056	13-076-024	19/1	
GRD13076	O	13-073-049	13-076-024	19/1	
GRD13076	O	13-073-053	13-076-024	19/1	
GRD13076	O	13-073-045	13-076-024	19/1	
GRD13076	O	13-073-050	13-076-024	19/1	
GRD13076	O	13-073-047	13-076-024	19/1	
GRD13076	O	13-073-052	13-076-024	19/1	
GRD13076	O	13-073-041	13-076-024	19/1	
GRD13076	O	13-073-046	13-076-024	19/1	
SPARE001		13-072-036			
SPARE002		13-072-039			
SPARE003		13-072-049			
SPARE004		13-072-052			
SPARE005		13-074-035			
SPARE006		13-074-039			
SPARE007		13-074-040			
SPARE008		13-074-041			
SPARE009		13-074-048			
SPARE010		13-074-052			
SPARE011		13-074-053			
SPARE012		13-074-054			
0ALCP10P	O	13-074-043	13-084-236	1/1	
0ALRMD0P	O	13-072-043	13-084-132	1/1	
0ALRMD0P	O	13-072-042	13-084-131	1/1	
0BLCP10P	O	13-074-042	13-084-235	1/1	
0BLRMD0P	O	13-072-041	13-084-132	1/1	
0BLRMD0P	O	13-072-040	13-084-032	1/1	

ELEMENT IDENTIFIER (CONT)

A0

DUPLEX LINK INTERFACE 0

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
0FOARCV	I	14-0848-FD	14-0848-FD	1/3	(Y)
0FOAXMIT	O	14-084A-FD	14-084A-FD	1/2	(Y)
0FOBRVC	I	12-084A-FD	12-084A-FD	1/4	
0FOBXMIT	O	12-0848-FD	12-0848-FD	1/5	
0LCPCCKOP	O	13-072-037	13-084-035	1/1	
0LINTOUP	O	13-074-037	13-084-141	1/1	
0LMTCKOP	O	13-072-038	13-084-036	1/1	
0LRCD0UP	O	13-074-038	13-084-142	1/1	
0UPACTOL	I	13-074-033	13-084-138	1/1	
0UPACTIL	I	13-074-046	13-100-138	3/1	
0UPCKOL	I	13-074-032	13-084-137	1/1	
0UPCKIL	I	13-074-045	13-100-137	3/1	
0UPG00L	I	13-074-034	13-084-139	1/1	
0UPG01L	I	13-074-047	13-100-139	3/1	
0UPTMD0A	I	13-072-035	13-084-150	1/1	
0UPTMD0B	I	13-072-034	13-084-034	1/1	
0UPTMD1A	I	13-072-048	13-100-150	3/1	
0UPTMD1B	I	13-072-047	13-100-034	3/1	
0UPTMP0A	I	13-072-033	13-084-149	1/1	
0UPTMP0B	I	13-072-032	13-084-033	1/1	
0UPTMP1A	I	13-072-046	13-100-149	3/1	
0UPTMP1B	I	13-072-045	13-100-033	3/1	
0UPTRD0L	I	13-074-036	13-084-140	1/1	
0UPTRD1L	I	13-074-049	13-100-140	3/1	
1ALCP10P	O	13-074-056	13-100-236	3/1	
1ALRMD0P	O	13-072-056	13-100-152	3/1	
1ALRMD0P	O	13-072-055	13-100-151	3/1	
1BLCP10P	O	13-074-055	13-100-235	3/1	
1BLRMD0P	O	13-072-054	13-100-132	3/1	
1BLRMD0P	O	13-072-053	13-100-032	3/1	
1LCPCCKOP	O	13-072-050	13-100-035	3/1	
1LINTOUP	O	13-074-050	13-100-141	3/1	
1LMTCKOP	O	13-072-051	13-100-036	3/1	
1LRCD0UP	O	13-074-051	13-100-142	3/1	

ELEMENT IDENTIFIER

A1

DUPLEX LINK INTERFACE 1

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD13108	O	13-111-033	13-108-024	20/1	
GRD13108	O	13-111-050	13-108-024	20/1	
GRD13108	O	13-111-042	13-108-024	20/1	
GRD13108	O	13-111-048	13-108-024	20/1	
GRD13108	O	13-111-046	13-108-024	20/1	
GRD13108	O	13-111-035	13-108-024	20/1	
GRD13108	O	13-111-047	13-108-024	20/1	
GRD13108	O	13-111-049	13-108-024	20/1	
GRD13108	O	13-111-055	13-108-024	20/1	
GRD13108	O	13-111-053	13-108-024	20/1	
GRD13108	O	13-111-051	13-108-024	20/1	
GRD13108	O	13-111-056	13-108-024	20/1	
GRD13108	O	13-111-039	13-108-024	20/1	
GRD13108	O	13-111-034	13-108-024	20/1	
GRD13108	O	13-111-036	13-108-024	20/1	
GRD13108	O	13-111-032	13-108-024	20/1	
GRD13108	O	13-111-037	13-108-024	20/1	
GRD13108	O	13-111-043	13-108-024	20/1	
GRD13108	O	13-111-040	13-108-024	20/1	
GRD13108	O	13-111-045	13-108-024	20/1	
GRD13108	O	13-111-038	13-108-024	20/1	

ELEMENT IDENTIFIER (CONT)

A1

DUPLEX LINK INTERFACE 1

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD13108	O	13-111-054	13-108-024	20/1	
GRD13108	O	13-111-052	13-108-024	20/1	
GRD13108	O	13-111-041	13-108-024	20/1	
GRD13116	G	13-113-045	13-116-043	20/2	
GRD13116	G	13-113-050	13-116-043	20/2	
GRD13116	G	13-113-032	13-116-043	20/2	
GRD13116	G	13-113-055	13-116-043	20/2	
GRD13116	G	13-113-053	13-116-043	20/2	
GRD13116	G	13-113-051	13-116-043	20/2	
GRD13116	G	13-113-046	13-116-043	20/2	
GRD13116	G	13-113-048	13-116-043	20/2	
GRD13116	G	13-113-049	13-116-043	20/2	
GRD13116	G	13-113-047	13-116-043	20/2	
GRD13116	G	13-113-033	13-116-043	20/2	
GRD13116	G	13-113-056	13-116-043	20/2	
GRD13116	G	13-113-054	13-116-043	20/2	
GRD13116	G	13-113-052	13-116-043	20/2	
GRD13116	G	13-113-038	13-116-043	20/2	
GRD13116	G	13-113-040	13-116-043	20/2	
GRD13116	G	13-113-042	13-116-043	20/2	
GRD13116	G	13-113-034	13-116-043	20/2	
GRD13116	G	13-113-036	13-116-043	20/2	
GRD13116	G	13-113-043	13-116-043	20/2	
GRD13116	G	13-113-039	13-116-043	20/2	
GRD13116	G	13-113-041	13-116-043	20/2	
GRD13116	G	13-113-035	13-116-043	20/2	
GRD13116	G	13-113-037	13-116-043	20/2	
SPARE013		13-112-035			
SPARE014		13-112-039			
SPARE015		13-112-040			
SPARE016		13-112-041			
SPARE017		13-112-048			
SPARE018		13-112-052			
SPARE019		13-112-053			
SPARE020		13-112-054			
SPARE021		13-114-036			
SPARE022		13-114-039			
SPARE023		13-114-049			
SPARE024		13-114-052			
0ALCP11P	O	13-112-043	13-084-238	1/1	
0ALRMD1P	O	13-114-043	13-084-156	1/1	
0ALRMD1P	O	13-114-042	13-084-155	1/1	
0BLCP11P	O	13-112-042	13-084-237	1/1	
0BLRMD1P	O	13-114-041	13-084-136	1/1	
0BLRMD1P	O	13-114-040	13-084-135	1/1	
0LCPCCK1P	O	13-114-037	13-084-046	1/1	
0LINT1UP	O	13-112-037	13-084-147	1/1	
0LMTCK1P	O	13-114-038	13-084-047	1/1	
0LRCD1UP	O	13-112-038	13-084-148	1/1	
1ALCP11P	O	13-112-056	13-100-238	3/1	
1ALRMD1P	O	13-114-056	13-100-156	3/1	
1ALRMD1P	O	13-114-055	13-100-155	3/1	
1BLCP11P	O	13-112-055	13-100-237	3/1	
1BLRMD1P	O	13-114-054	13-100-136	3/1	
1BLRMD1P	O	13-114-053	13-100-135	3/1	
1FOARCV	I	14-1008-FD	14-1008-FD	3/3	(Y)
1FOAXMIT	O	14-100A-FD	14-100A-FD	3/2	(Y)
1FOBRVC	I	12-100A-FD	12-100A-FD	3/4	
1FOBXMIT	O	12-1008-FD	12-1008-FD	3/5	
1LCPCCK1P	O	13-114-050	13-100-046	3/1	
1LINT1UP	O	13-112-050	13-100-147	3/1	
1LMTCK1P	O	13-114-051	13-100-047	3/1	
1LRCD1UP	O	13-112-051	13-100-148	3/1	
1UPACTOL	I	13-112-033	13-084-144	1/1	
1UPACT1L	I	13-112-046	13-100-144	3/1	
1UPCKOL	I	13-112-032	13-084-143	1/1	

CAD 1 UNIT SYMBOL

ELEMENT IDENTIFIER (CONT)

TIME SLOT INTERCHANGER 1

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
1PBOOP	0	04-116-207	04-116-207	6/3	
1PBO1N	0	04-116-302	04-116-302	6/3	
1PBO1P	0	04-116-202	04-116-202	6/3	
14MC0N	0	04-116-310	04-116-310	6/3	
14MC0P	0	04-116-210	04-116-210	6/3	
14MC1N	0	04-116-305	04-116-305	6/3	
14MC1P	0	04-116-205	04-116-205	6/3	
18KS0N	0	04-116-309	04-116-309	6/3	
18KS0P	0	04-116-209	04-116-209	6/3	
18KS1N	0	04-116-304	04-116-304	6/3	
18KS1P	0	04-116-204	04-116-204	6/3	

ELEMENT IDENTIFIER

DATA INTERFACE 0

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
00PB10N	1	13-032-102	13-032-102	7/1	
00PB10P	1	13-032-002	13-032-002	7/1	
00PB11N	1	13-032-108	13-032-108	7/1	
00PB11P	1	13-032-008	13-032-008	7/1	
00PB110N	1	13-032-147	13-032-147	7/1	
00PB110P	1	13-032-047	13-032-047	7/1	
00PB111N	1	13-032-153	13-032-153	7/1	
00PB111P	1	13-032-053	13-032-053	7/1	
00PB112N	1	13-032-334	13-032-334	7/1	
00PB112P	1	13-032-234	13-032-234	7/1	
00PB113N	1	13-032-340	13-032-340	7/1	
00PB113P	1	13-032-240	13-032-240	7/1	
00PB114N	1	13-032-347	13-032-347	7/1	
00PB114P	1	13-032-247	13-032-247	7/1	
00PB115N	1	13-032-353	13-032-353	7/1	
00PB115P	1	13-032-253	13-032-253	7/1	
00PB116N	1	13-032-315	13-032-315	7/1	
00PB116P	1	13-032-215	13-032-215	7/1	
00PB117N	1	13-032-321	13-032-321	7/1	
00PB117P	1	13-032-221	13-032-221	7/1	
00PB118N	1	13-032-134	13-032-134	7/1	
00PB118P	1	13-032-034	13-032-034	7/1	
00PB119N	1	13-032-140	13-032-140	7/1	
00PB119P	1	13-032-040	13-032-040	7/1	
00PB00N	0	13-032-101	13-032-101	7/1	
00PB00P	0	13-032-001	13-032-001	7/1	
00PB01N	0	13-032-107	13-032-107	7/1	
00PB01P	0	13-032-007	13-032-007	7/1	
00PB010N	0	13-032-146	13-032-146	7/1	
00PB010P	0	13-032-046	13-032-046	7/1	
00PB011N	0	13-032-152	13-032-152	7/1	
00PB011P	0	13-032-052	13-032-052	7/1	
00PB012N	0	13-032-333	13-032-333	7/1	
00PB012P	0	13-032-233	13-032-233	7/1	
00PB013N	0	13-032-339	13-032-339	7/1	

ELEMENT IDENTIFIER (CONT)

DATA INTERFACE 0

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
00PB013P	0	13-032-239	13-032-239	7/1	
00PB014N	0	13-032-346	13-032-346	7/1	
00PB014P	0	13-032-246	13-032-246	7/1	
00PB015N	0	13-032-352	13-032-352	7/1	
00PB015P	0	13-032-252	13-032-252	7/1	
00PB02N	0	13-032-114	13-032-114	7/1	
00PB02P	0	13-032-014	13-032-014	7/1	
00PB03N	0	13-032-120	13-032-120	7/1	
00PB03P	0	13-032-020	13-032-020	7/1	
00PB04N	0	13-032-301	13-032-301	7/1	
00PB04P	0	13-032-201	13-032-201	7/1	
00PB05N	0	13-032-307	13-032-307	7/1	
00PB05P	0	13-032-207	13-032-207	7/1	
00PB06N	0	13-032-314	13-032-314	7/1	
00PB06P	0	13-032-214	13-032-214	7/1	
00PB07N	0	13-032-320	13-032-320	7/1	
00PB07P	0	13-032-220	13-032-220	7/1	
00PB08N	0	13-032-133	13-032-133	7/1	
00PB08P	0	13-032-033	13-032-033	7/1	
00PB09N	0	13-032-139	13-032-139	7/1	
00PB09P	0	13-032-039	13-032-039	7/1	
004MC0N	0	13-032-104	13-032-104	7/1	
004MC0P	0	13-032-004	13-032-004	7/1	
004MC1N	0	13-032-110	13-032-110	7/1	
004MC1P	0	13-032-010	13-032-010	7/1	
004MC10N	0	13-032-149	13-032-149	7/1	
004MC10P	0	13-032-049	13-032-049	7/1	
004MC11N	0	13-032-155	13-032-155	7/1	
004MC11P	0	13-032-055	13-032-055	7/1	
004MC12N	0	13-032-336	13-032-336	7/1	
004MC12P	0	13-032-236	13-032-236	7/1	
004MC13N	0	13-032-342	13-032-342	7/1	
004MC13P	0	13-032-242	13-032-242	7/1	
004MC14N	0	13-032-349	13-032-349	7/1	
004MC14P	0	13-032-249	13-032-249	7/1	
004MC15N	0	13-032-355	13-032-355	7/1	
004MC15P	0	13-032-255	13-032-255	7/1	
004MC2N	0	13-032-117	13-032-117	7/1	
004MC2P	0	13-032-017	13-032-017	7/1	
004MC3N	0	13-032-123	13-032-123	7/1	
004MC3P	0	13-032-023	13-032-023	7/1	
004MC4N	0	13-032-304	13-032-304	7/1	
004MC4P	0	13-032-204	13-032-204	7/1	
004MC5N	0	13-032-310	13-032-310	7/1	
004MC5P	0	13-032-210	13-032-210	7/1	
004MC6N	0	13-032-317	13-032-317	7/1	
004MC6P	0	13-032-217	13-032-217	7/1	
004MC7N	0	13-032-323	13-032-323	7/1	
004MC7P	0	13-032-223	13-032-223	7/1	
004MC8N	0	13-032-136	13-032-136	7/1	
004MC8P	0	13-032-036	13-032-036	7/1	
004MC9N	0	13-032-142	13-032-142	7/1	
004MC9P	0	13-032-042	13-032-042	7/1	
008KS0N	0	13-032-103	13-032-103	7/1	
008KS0P	0	13-032-003	13-032-003	7/1	
008KS1N	0	13-032-109	13-032-109	7/1	
008KS1P	0	13-032-009	13-032-009	7/1	
008KS10N	0	13-032-148	13-032-148	7/1	
008KS10P	0	13-032-048	13-032-048	7/1	
008KS11N	0	13-032-154	13-032-154	7/1	
008KS11P	0	13-032-054	13-032-054	7/1	
008KS12N	0	13-032-335	13-032-335	7/1	
008KS12P	0	13-032-235	13-032-235	7/1	
008KS13N	0	13-032-341	13-032-341	7/1	
008KS13P	0	13-032-241	13-032-241	7/1	

ELEMENT IDENTIFIER (CONT)

DATA INTERFACE 0

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
008KS14N	0	13-032-348	13-032-348	7/1	
008KS14P	0	13-032-248	13-032-248	7/1	
008KS15N	0	13-032-354	13-032-354	7/1	
008KS15P	0	13-032-254	13-032-254	7/1	
008KS2N	0	13-032-116	13-032-116	7/1	
008KS2P	0	13-032-016	13-032-016	7/1	
008KS3N	0	13-032-122	13-032-122	7/1	
008KS3P	0	13-032-022	13-032-022	7/1	
008KS4N	0	13-032-303	13-032-303	7/1	
008KS4P	0	13-032-203	13-032-203	7/1	
008KS5N	0	13-032-309	13-032-309	7/1	
008KS5P	0	13-032-209	13-032-209	7/1	
008KS6N	0	13-032-316	13-032-316	7/1	
008KS6P	0	13-032-216	13-032-216	7/1	
008KS7N	0	13-032-322	13-032-322	7/1	
008KS7P	0	13-032-222	13-032-222	7/1	
008KS8N	0	13-032-135	13-032-135	7/1	
008KS8P	0	13-032-035	13-032-035	7/1	
008KS9N	0	13-032-141	13-032-141	7/1	
008KS9P	0	13-032-041	13-032-041	7/1	
01PB10N	1	13-042-102	13-042-102	8/1	
01PB10P	1	13-042-002	13-042-002	8/1	
01PB11N	1	13-042-108	13-042-108	8/1	
01PB11P	1	13-042-008	13-042-008	8/1	
01PB110N	1	13-042-147	13-042-147	8/1	
01PB110P	1	13-042-047	13-042-047	8/1	
01PB111N	1	13-042-153	13-042-153	8/1	
01PB111P	1	13-042-053	13-042-053	8/1	
01PB112N	1	13-042-334	13-042-334	8/1	
01PB112P	1	13-042-234	13-042-234	8/1	
01PB113N	1	13-042-340	13-042-340	8/1	
01PB113P	1	13-042-240	13-042-240	8/1	
01PB114N	1	13-042-347	13-042-347	8/1	
01PB114P	1	13-042-247	13-042-247	8/1	
01PB115N	1	13-042-353	13-042-353	8/1	
01PB115P	1	13-042-253	13-042-253	8/1	
01PB12N	1	13-042-115	13-042-115	8/1	
01PB12P	1	13-042-015	13-042-015	8/1	
01PB13N	1	13-042-121	13-042-121	8/1	
01PB13P	1	13-042-021	13-042-021	8/1	
01PB14N	1	13-042-302	13-042-302	8/1	
01PB14P	1	13-042-202	13-042-202	8/1	
01PB15N	1	13-042-308	13-042-308	8/1	
01PB15P	1	13-042-208	13-042-208	8/1	
01PB16N	1	13-042-315	13-042-315	8/1	
01PB16P	1	13-042-215	13-042-215	8/1	
01PB17N	1	13-042-321	13-042-321	8/1	
01PB17P	1	13-042-221	13-042-221	8/1	
01PB18N	1	13-042-134	13-042-134	8/1	
01PB18P	1	13-042-034	13-042-034	8/1	
01PB19N	1	13-042-140	13-042-140	8/1	
01PB19P	1	13-042-040	13-042-040	8/1	
01PB00N	0	13-042-101	13-042-101	8/1	
01PB00P	0	13-042-001	13-042-001	8/1	
01PB01N	0	13-042-107	13-042-107	8/1	
01PB01P	0	13-042-007	13-042-007	8/1	
01PB010N	0	13-042-146	13-042-146	8/1	
01PB010P	0	13-042-046	13-042-046	8/1	
01PB011N	0	13-042-152	13-042-152	8/1	
01PB011P	0	13-042-052	13-042-052	8/1	
01PB012N	0	13-042-333	13-042-333	8/1	
01PB012P	0	13-042-233	13-042-233	8/1	
01PB013N	0	13-042-339	13-042-339	8/1	
01PB013P	0	13-042-239	13-042-239	8/1	
01PB014N	0	13-042-346	13-042-346	8/1	
01PB014P	0	13-042-246	13-042-246	8/1	

CAD 1 UNIT SYMBOL

ELEMENT IDENTIFIER (CONT)						ELEMENT IDENTIFIER (CONT)						ELEMENT IDENTIFIER (CONT)						ELEMENT IDENTIFIER (CONT)										
C0						C1						C1						C1										
DATA INTERFACE 0						DATA INTERFACE 1						DATA INTERFACE 1						DATA INTERFACE 1										
TERM.	MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM.	MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM.	MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM.	MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	
018KS11P	0		13-042-054	13-042-054	8/1		10PB19N	I		13-152-140	13-152-140	9/1		108KS0N	0		13-152-103	13-152-103	9/1		11PB01N	0		13-142-107	13-142-107	10/1		
018KS12N	0		13-042-335	13-042-335	8/1		10PB19P	I		13-152-040	13-152-040	9/1		108KS0P	0		13-152-003	13-152-003	9/1		11PB01P	0		13-142-007	13-142-007	10/1		
018KS12P	0		13-042-235	13-042-235	8/1		10PB00N	0		13-152-101	13-152-101	9/1		108KS1N	0		13-152-109	13-152-109	9/1		11PB010N	0		13-142-146	13-142-146	10/1		
018KS13N	0		13-042-341	13-042-341	8/1		10PB00P	0		13-152-001	13-152-001	9/1		108KS1P	0		13-152-009	13-152-009	9/1		11PB010P	0		13-142-046	13-142-046	10/1		
018KS13P	0		13-042-241	13-042-241	8/1		10PB01N	0		13-152-107	13-152-107	9/1		108KS10N	0		13-152-148	13-152-148	9/1		11PB011N	0		13-142-152	13-142-152	10/1		
018KS14N	0		13-042-348	13-042-348	8/1		10PB01P	0		13-152-007	13-152-007	9/1		108KS10P	0		13-152-048	13-152-048	9/1		11PB011P	0		13-142-052	13-142-052	10/1		
018KS14P	0		13-042-248	13-042-248	8/1		10PB010N	0		13-152-146	13-152-146	9/1		108KS11N	0		13-152-154	13-152-154	9/1		11PB012N	0		13-142-333	13-142-333	10/1		
018KS15N	0		13-042-354	13-042-354	8/1		10PB010P	0		13-152-046	13-152-046	9/1		108KS11P	0		13-152-054	13-152-054	9/1		11PB012P	0		13-142-233	13-142-233	10/1		
018KS15P	0		13-042-254	13-042-254	8/1		10PB011N	0		13-152-152	13-152-152	9/1		108KS12N	0		13-152-335	13-152-335	9/1		11PB013N	0		13-142-339	13-142-339	10/1		
018KS2N	0		13-042-116	13-042-116	8/1		10PB011P	0		13-152-052	13-152-052	9/1		108KS12P	0		13-152-235	13-152-235	9/1		11PB013P	0		13-142-239	13-142-239	10/1		
018KS2P	0		13-042-016	13-042-016	8/1		10PB012N	0		13-152-333	13-152-333	9/1		108KS13N	0		13-152-341	13-152-341	9/1		11PB014N	0		13-142-346	13-142-346	10/1		
018KS3N	0		13-042-122	13-042-122	8/1		10PB012P	0		13-152-233	13-152-233	9/1		108KS13P	0		13-152-241	13-152-241	9/1		11PB014P	0		13-142-246	13-142-246	10/1		
018KS3P	0		13-042-022	13-042-022	8/1		10PB013N	0		13-152-339	13-152-339	9/1		108KS14N	0		13-152-348	13-152-348	9/1		11PB015N	0		13-142-352	13-142-352	10/1		
018KS4N	0		13-042-303	13-042-303	8/1		10PB013P	0		13-152-239	13-152-239	9/1		108KS14P	0		13-152-248	13-152-248	9/1		11PB015P	0		13-142-252	13-142-252	10/1		
018KS4P	0		13-042-203	13-042-203	8/1		10PB014N	0		13-152-346	13-152-346	9/1		108KS15N	0		13-152-354	13-152-354	9/1		11PB02N	0		13-142-114	13-142-114	10/1		
018KS5N	0		13-042-309	13-042-309	8/1		10PB014P	0		13-152-246	13-152-246	9/1		108KS15P	0		13-152-254	13-152-254	9/1		11PB02P	0		13-142-014	13-142-014	10/1		
018KS5P	0		13-042-209	13-042-209	8/1		10PB015N	0		13-152-352	13-152-352	9/1		108KS2N	0		13-152-116	13-152-116	9/1		11PB03N	0		13-142-120	13-142-120	10/1		
018KS6N	0		13-042-316	13-042-316	8/1		10PB015P	0		13-152-252	13-152-252	9/1		108KS2P	0		13-152-016	13-152-016	9/1		11PB03P	0		13-142-020	13-142-020	10/1		
018KS6P	0		13-042-216	13-042-216	8/1		10PB02N	0		13-152-114	13-152-114	9/1		108KS3N	0		13-152-122	13-152-122	9/1		11PB04N	0		13-142-301	13-142-301	10/1		
018KS7N	0		13-042-322	13-042-322	8/1		10PB02P	0		13-152-014	13-152-014	9/1		108KS3P	0		13-152-022	13-152-022	9/1		11PB04P	0		13-142-201	13-142-201	10/1		
018KS7P	0		13-042-222	13-042-222	8/1		10PB03N	0		13-152-120	13-152-120	9/1		108KS4N	0		13-152-303	13-152-303	9/1		11PB05N	0		13-142-307	13-142-307	10/1		
018KS8N	0		13-042-135	13-042-135	8/1		10PB03P	0		13-152-020	13-152-020	9/1		108KS4P	0		13-152-203	13-152-203	9/1		11PB05P	0		13-142-207	13-142-207	10/1		
018KS8P	0		13-042-035	13-042-035	8/1		10PB04N	0		13-152-301	13-152-301	9/1		108KS5N	0		13-152-309	13-152-309	9/1		11PB06N	0		13-142-314	13-142-314	10/1		
018KS9N	0		13-042-141	13-042-141	8/1		10PB04P	0		13-152-201	13-152-201	9/1		108KS5P	0		13-152-209	13-152-209	9/1		11PB06P	0		13-142-214	13-142-214	10/1		
018KS9P	0		13-042-041	13-042-041	8/1		10PB05N	0		13-152-307	13-152-307	9/1		108KS6N	0		13-152-316	13-152-316	9/1		11PB07N	0		13-142-320	13-142-320	10/1		
							10PB05P	0		13-152-207	13-152-207	9/1		108KS6P	0		13-152-216	13-152-216	9/1		11PB07P	0		13-142-220	13-142-220	10/1		
							10PB06N	0		13-152-314	13-152-314	9/1		108KS7N	0		13-152-322	13-152-322	9/1		11PB08N	0		13-142-133	13-142-133	10/1		
							10PB06P	0		13-152-214	13-152-214	9/1		108KS7P	0		13-152-222	13-152-222	9/1		11PB08P	0		13-142-033	13-142-033	10/1		
							10PB07N	0		13-152-320	13-152-320	9/1		108KS8N	0		13-152-135	13-152-135	9/1		11PB09N	0		13-142-139	13-142-139	10/1		
							10PB07P	0		13-152-220	13-152-220	9/1		108KS8P	0		13-152-035	13-152-035	9/1		11PB09P	0		13-142-039	13-142-039	10/1		
							10PB08N	0		13-152-133	13-152-133	9/1		108KS9N	0		13-152-141	13-152-141	9/1		114MC0N	0		13-142-104	13-142-104	10/1		
							10PB08P	0		13-152-033	13-152-033	9/1		108KS9P	0		13-152-041	13-152-041	9/1		114MC0P	0		13-142-004	13-142-004	10/1		
							10PB09N	0		13-152-139	13-152-139	9/1		11PB10N	I		13-142-102	13-142-102	10/1		114MC1N	0						

CAD 1										
UNIT SYMBOL										
ELEMENT IDENTIFIER (CONT)										
C1										
DATA INTERFACE 1										
TERM.	MODIFIER	FUNC	ACCESS	FS	LOC	NOTE				
TERM.			TERM.	TERM.	FS/SYM					
114MC7P	0		13-142-223	13-142-223	10/1					
114MC8N	0		13-142-136	13-142-136	10/1					
114MC8P	0		13-142-036	13-142-036	10/1					
114MC9N	0		13-142-142	13-142-142	10/1					
114MC9P	0		13-142-042	13-142-042	10/1					
118KS0N	0		13-142-103	13-142-103	10/1					
118KS0P	0		13-142-003	13-142-003	10/1					
118KS1N	0		13-142-109	13-142-109	10/1					
118KS1P	0		13-142-009	13-142-009	10/1					
118KS10N	0		13-142-148	13-142-148	10/1					
118KS10P	0		13-142-048	13-142-048	10/1					
118KS11N	0		13-142-154	13-142-154	10/1					
118KS11P	0		13-142-054	13-142-054	10/1					
118KS12N	0		13-142-335	13-142-335	10/1					
118KS12P	0		13-142-235	13-142-235	10/1					
118KS13N	0		13-142-341	13-142-341	10/1					
118KS13P	0		13-142-241	13-142-241	10/1					
118KS14N	0		13-142-348	13-142-348	10/1					
118KS14P	0		13-142-248	13-142-248	10/1					
118KS15N	0		13-142-354	13-142-354	10/1					
118KS15P	0		13-142-254	13-142-254	10/1					
118KS2N	0		13-142-116	13-142-116	10/1					
118KS2P	0		13-142-016	13-142-016	10/1					
118KS3N	0		13-142-122	13-142-122	10/1					
118KS3P	0		13-142-022	13-142-022	10/1					
118KS4N	0		13-142-303	13-142-303	10/1					
118KS4P	0		13-142-203	13-142-203	10/1					
118KS5N	0		13-142-309	13-142-309	10/1					
118KS5P	0		13-142-209	13-142-209	10/1					
118KS6N	0		13-142-316	13-142-316	10/1					
118KS6P	0		13-142-216	13-142-216	10/1					
118KS7N	0		13-142-322	13-142-322	10/1					
118KS7P	0		13-142-222	13-142-222	10/1					
118KS8N	0		13-142-135	13-142-135	10/1					
118KS8P	0		13-142-035	13-142-035	10/1					
118KS9N	0		13-142-141	13-142-141	10/1					
118KS9P	0		13-142-041	13-142-041	10/1					
</										

SEE PROPRIETARY NOTICE ON COVER SHEET

TIME SLOT INTERCHANGER UNIT, MODEL 2		DWG SIZE A2	ISSUE 8D
AT&T BELL LABORATORIES	SD-5D045-01		GB5

CAD 1 UNIT SYMBOL

ELEMENT IDENTIFIER						ELEMENT IDENTIFIER (CONT)						ELEMENT IDENTIFIER (CONT)						ELEMENT IDENTIFIER (CONT)					
DO						DO						DO						DO					
CONTROL INTERFACE 0						CONTROL INTERFACE 0						CONTROL INTERFACE 0						CONTROL INTERFACE 0					
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD04010	I	04-010-233	04-010-207	11/1		00C18N	O	04-018-441	04-018-441	12/1		001D7N	I	04-018-005	04-018-005	12/1		000D5P	O	04-018-117	04-018-117	12/1	
GRD04010	I	04-010-246	04-010-207	11/1		00C18P	O	04-018-541	04-018-541	12/1		001D7P	I	04-018-105	04-018-105	12/1		000D6N	O	04-018-010	04-018-010	12/1	
GRD04010	I	04-010-014	04-010-207	11/1		00C19N	O	04-018-435	04-018-435	12/1		001D8N	I	04-018-256	04-018-256	12/1		000D6P	O	04-018-110	04-018-110	12/1	
GRD04010	I	04-010-414	04-010-207	11/1		00C19P	O	04-018-535	04-018-535	12/1		001D8P	I	04-018-356	04-018-356	12/1		000D7N	O	04-018-004	04-018-004	12/1	
GRD04010	I	04-010-001	04-010-207	11/1		00C2N	O	04-018-041	04-018-041	12/1		001D9N	I	04-018-250	04-018-250	12/1		000D7P	O	04-018-104	04-018-104	12/1	
GRD04010	I	04-010-052	04-010-207	11/1		00C2P	O	04-018-141	04-018-141	12/1		001D9P	I	04-018-350	04-018-350	12/1		000D8N	O	04-018-255	04-018-255	12/1	
GRD04010	I	04-010-239	04-010-207	11/1		00C20N	O	04-018-422	04-018-422	12/1		001D0P	I	04-018-152	04-018-152	12/1		000D8P	O	04-018-355	04-018-355	12/1	
GRD04010	I	04-010-452	04-010-207	11/1		00C20P	O	04-018-522	04-018-522	12/1		001D1P	I	04-018-146	04-018-146	12/1		000D9N	O	04-018-249	04-018-249	12/1	
GRD04010	I	04-010-446	04-010-207	11/1		00C21N	O	04-018-416	04-018-416	12/1		001D1P	I	04-018-339	04-018-339	12/1		000D9P	O	04-018-349	04-018-349	12/1	
GRD04010	I	04-010-420	04-010-207	11/1		00C21P	O	04-018-516	04-018-516	12/1		001D11P	I	04-018-333	04-018-333	12/1		00S0N	O	04-018-053	04-018-053	12/1	
GRD04010	I	04-010-407	04-010-207	11/1		00C22N	O	04-018-409	04-018-409	12/1		001D12P	I	04-018-320	04-018-320	12/1		00S0P	O	04-018-153	04-018-153	12/1	
GRD04010	I	04-010-007	04-010-207	11/1		00C22P	O	04-018-509	04-018-509	12/1		001D13P	I	04-018-314	04-018-314	12/1		00S1N	O	04-018-047	04-018-047	12/1	
GRD04010	I	04-010-046	04-010-207	11/1		00C3N	O	04-018-035	04-018-035	12/1		001D14P	I	04-018-307	04-018-307	12/1		00S1P	O	04-018-147	04-018-147	12/1	
GRD04010	I	04-010-039	04-010-207	11/1		00C3P	O	04-018-135	04-018-135	12/1		001D15P	I	04-018-301	04-018-301	12/1		00S10N	O	04-018-240	04-018-240	12/1	
GRD04010	I	04-010-020	04-010-207	11/1		00C4N	O	04-018-022	04-018-022	12/1		001D16P	I	04-018-552	04-018-552	12/1		00S10P	O	04-018-340	04-018-340	12/1	
GRD04010	I	04-010-433	04-010-207	11/1		00C4P	O	04-018-122	04-018-122	12/1		001D17P	I	04-018-546	04-018-546	12/1		00S11N	O	04-018-234	04-018-234	12/1	
GRD04010	I	04-010-033	04-010-207	11/1		00C5N	O	04-018-016	04-018-016	12/1		001D18P	I	04-018-539	04-018-539	12/1		00S11P	O	04-018-334	04-018-334	12/1	
GRD04010	I	04-010-214	04-010-207	11/1		00C5P	O	04-018-116	04-018-116	12/1		001D19P	I	04-018-533	04-018-533	12/1		00S12N	O	04-018-221	04-018-221	12/1	
GRD04010	I	04-010-439	04-010-207	11/1		00C6N	O	04-018-009	04-018-009	12/1		001D2P	I	04-018-139	04-018-139	12/1		00S12P	O	04-018-321	04-018-321	12/1	
GRD04010	I	04-010-207	04-010-207	11/1		00C6P	O	04-018-109	04-018-109	12/1		001D20P	I	04-018-520	04-018-520	12/1		00S13N	O	04-018-215	04-018-215	12/1	
GRD04010	I	04-010-201	04-010-207	11/1		00C7N	O	04-018-003	04-018-003	12/1		001D21P	I	04-018-514	04-018-514	12/1		00S13P	O	04-018-315	04-018-315	12/1	
GRD04010	I	04-010-252	04-010-207	11/1		00C7P	O	04-018-103	04-018-103	12/1		001D22P	I	04-018-507	04-018-507	12/1		00S14N	O	04-018-208	04-018-208	12/1	
GRD04010	I	04-010-220	04-010-207	11/1		00C8N	O	04-018-254	04-018-254	12/1		001D23P	I	04-018-133	04-018-133	12/1		00S14P	O	04-018-308	04-018-308	12/1	
GRD04018	I	04-018-420	04-018-439	12/1		00C8P	O	04-018-354	04-018-354	12/1		001D4P	I	04-018-120	04-018-120	12/1		00S15N	O	04-018-202	04-018-202	12/1	
GRD04018	I	04-018-439	04-018-439	12/1		00C9N	O	04-018-248	04-018-248	12/1		001D5P	I	04-018-114	04-018-114	12/1		00S15P	O	04-018-302	04-018-302	12/1	
GRD04018	I	04-018-452	04-018-439	12/1		00C9P	O	04-018-348	04-018-348	12/1		001D6P	I	04-018-107	04-018-107	12/1		00S16N	O	04-018-453	04-018-453	12/1	
GRD04018	I	04-018-207	04-018-439	12/1		001D0N	I	04-018-056	04-018-056	12/1		001D7P	I	04-018-101	04-018-101	12/1		00S16P	O	04-018-553	04-018-553	12/1	
GRD04018	I	04-018-246	04-018-439	12/1		001D0P	I	04-018-156	04-018-156	12/1		001D8P	I	04-018-352	04-018-352	12/1		00S17N	O	04-018-447	04-018-447	12/1	
GRD04018	I	04-018-001	04-018-439	12/1		001D1N	I	04-018-050	04-018-050	12/1		001D9P	I	04-018-346	04-018-346	12/1		00S17P	O	04-018-547	04-018-547	12/1	
GRD04018	I	04-018-214	04-018-439	12/1		001D1P	I	04-018-150	04-018-150	12/1		000D0N	O	04-018-055	04-018-055	12/1		00S18N	O	04-018-440	04-018-440	12/1	
GRD04018	I	04-018-446	04-018-439	12/1		001D10N	I	04-018-243	04-018-243	12/1		000D0P	O	04-018-155	04-018-155	12/1		00S18P	O	04-018-540	04-018-540	12/1	
GRD04018	I	04-018-414	04-018-439	12/1		001D10P	I	04-018-343	04-018-343	12/1		000D1N	O	04-018-049	04-018-049	12/1		00S19N	O	04-018-434	04-018-434	12/1	
GRD04018	I	04-018-252	04-018-439	12/1		001D11N	I	04-018-237	04-018-237	12/1		000D1P	O	04-018-149	04-018-149	12/1		00S19P	O	04-018-534	04-018-534	12/1	
GRD04018	I	04-018-046	04-018-439	12/1		001D11P	I	04-018-337	04-018-337	12/1		000D10N	O	04-018-242	04-018-242	12/1		00S2N	O				

CAD 1 UNIT SYMBOL

ELEMENT IDENTIFIER (CONT)						ELEMENT IDENTIFIER (CONT)						ELEMENT IDENTIFIER (CONT)						ELEMENT IDENTIFIER (CONT)									
DO						DO						DO						DO									
CONTROL INTERFACE 0						CONTROL INTERFACE 0						CONTROL INTERFACE 0						CONTROL INTERFACE 0									
TERM.	MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM.	MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM.	MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM.	MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
01C1N	0		04-010-048	04-010-048	11/1		011D19N	1		04-010-437	04-010-437	11/1		010D17P	0		04-010-549	04-010-549	11/1		01S6P	0		04-010-108	04-010-108	11/1	
01C1P	0		04-010-148	04-010-148	11/1		011D19P	1		04-010-537	04-010-537	11/1		010D18N	0		04-010-442	04-010-442	11/1		01S7N	0		04-010-002	04-010-002	11/1	
01C10N	0		04-010-241	04-010-241	11/1		011D2N	1		04-010-043	04-010-043	11/1		010D18P	0		04-010-542	04-010-542	11/1		01S7P	0		04-010-102	04-010-102	11/1	
01C10P	0		04-010-341	04-010-341	11/1		011D2P	1		04-010-143	04-010-143	11/1		010D19N	0		04-010-436	04-010-436	11/1		01S8N	0		04-010-253	04-010-253	11/1	
01C11N	0		04-010-235	04-010-235	11/1		011D20N	1		04-010-424	04-010-424	11/1		010D19P	0		04-010-536	04-010-536	11/1		01S8P	0		04-010-353	04-010-353	11/1	
01C11P	0		04-010-335	04-010-335	11/1		011D20P	1		04-010-524	04-010-524	11/1		010D2N	0		04-010-042	04-010-042	11/1		01S9N	0		04-010-247	04-010-247	11/1	
01C12N	0		04-010-222	04-010-222	11/1		011D21N	1		04-010-418	04-010-418	11/1		010D2P	0		04-010-142	04-010-142	11/1		01S9P	0		04-010-347	04-010-347	11/1	
01C12P	0		04-010-322	04-010-322	11/1		011D21P	1		04-010-518	04-010-518	11/1		010D20N	0		04-010-423	04-010-423	11/1								
01C13N	0		04-010-216	04-010-216	11/1		011D22N	1		04-010-411	04-010-411	11/1		010D20P	0		04-010-523	04-010-523	11/1								
01C13P	0		04-010-316	04-010-316	11/1		011D22P	1		04-010-511	04-010-511	11/1		010D21N	0		04-010-417	04-010-417	11/1								
01C14N	0		04-010-209	04-010-209	11/1		011D3N	1		04-010-037	04-010-037	11/1		010D21P	0		04-010-517	04-010-517	11/1								
01C14P	0		04-010-309	04-010-309	11/1		011D3P	1		04-010-137	04-010-137	11/1		010D22N	0		04-010-410	04-010-410	11/1								
01C15N	0		04-010-203	04-010-203	11/1		011D4N	1		04-010-024	04-010-024	11/1		010D22P	0		04-010-510	04-010-510	11/1								
01C15P	0		04-010-303	04-010-303	11/1		011D4P	1		04-010-124	04-010-124	11/1		010D3N	0		04-010-036	04-010-036	11/1								
01C16N	0		04-010-454	04-010-454	11/1		011D5N	1		04-010-018	04-010-018	11/1		010D3P	0		04-010-136	04-010-136	11/1								
01C16P	0		04-010-554	04-010-554	11/1		011D5P	1		04-010-118	04-010-118	11/1		010D4N	0		04-010-023	04-010-023	11/1								
01C17N	0		04-010-448	04-010-448	11/1		011D6N	1		04-010-011	04-010-011	11/1		010D4P	0		04-010-123	04-010-123	11/1								
01C17P	0		04-010-548	04-010-548	11/1		011D6P	1		04-010-111	04-010-111	11/1		010D5N	0		04-010-017	04-010-017	11/1								
01C18N	0		04-010-441	04-010-441	11/1		011D7N	1		04-010-005	04-010-005	11/1		010D5P	0		04-010-117	04-010-117	11/1								
01C18P	0		04-010-541	04-010-541	11/1		011D7P	1		04-010-105	04-010-105	11/1		010D6N	0		04-010-010	04-010-010	11/1								
01C19N	0		04-010-435	04-010-435	11/1		011D8N	1		04-010-256	04-010-256	11/1		010D6P	0		04-010-110	04-010-110	11/1								
01C19P	0		04-010-535	04-010-535	11/1		011D8P	1		04-010-356	04-010-356	11/1		010D7N	0		04-010-004	04-010-004	11/1								
01C2N	0		04-010-041	04-010-041	11/1		011D9N	1		04-010-250	04-010-250	11/1		010D7P	0		04-010-104	04-010-104	11/1								
01C2P	0		04-010-141	04-010-141	11/1		011D9P	1		04-010-350	04-010-350	11/1		010D8N	0		04-010-255	04-010-255	11/1								
01C20N	0		04-010-422	04-010-422	11/1		011NT0P	1		04-010-152	04-010-152	11/1		010D8P	0		04-010-355	04-010-355	11/1								
01C20P	0		04-010-522	04-010-522	11/1		011NT1P	1		04-010-146	04-010-146	11/1		010D9N	0		04-010-249	04-010-249	11/1								
01C21N	0		04-010-416	04-010-416	11/1		011NT10P	1		04-010-339	04-010-339	11/1		010D9P	0		04-010-349	04-010-349	11/1								
01C21P	0		04-010-516	04-010-516	11/1		011NT11P	1		04-010-333	04-010-333	11/1		010D9P	0		04-010-349	04-010-349	11/1								
01C22N	0		04-010-409	04-010-409	11/1		011NT12P	1		04-010-320	04-010-320	11/1		01S0N	0		04-010-053	04-010-053	11/1								
01C22P	0		04-010-509	04-010-509	11/1		011NT13P	1		04-010-320	04-010-320	11/1		01S0P	0		04-010-153	04-010-153	11/1								
01C3N	0		04-010-035	04-010-035	11/1		011NT14P	1		04-010-314	04-010-314	11/1		01S1N	0		04-010-047	04-010-047	11/1								
01C3P	0		04-010-135	04-010-135	11/1		011NT14P	1		04-010-307	04-010-307	11/1		01S1P	0		04-010-147	04-010-147	11/1								
01C4N	0		04-010-022	04-010-022	11/1		011NT15P	1		04-010-301	04-010-301	11/1		01S10N	0		04-010-240	04-010-240	11/1								
01C4P	0		04-010-122	04-010-122	11/1		011NT16P	1		04-010-552	04-010-552	11/1		01S10P	0		04-010-340	04-010-340	11/1								
01C5N	0		04-010-016	04-010-016	11/1		011NT17P	1		04-010-546	04-010-546	11/1		01S11N	0		04-010-234	04-010-234	11/1								
01C5P	0		04-010-116	04-010-116	11/1		011NT18P	1		04-010-539	04-010-539	11/1		01S11P	0		04-010-334	04-010-334	11/1								
01C6N	0		04-010-009	04-010-009	11/1		011NT19P	1		04-010-5																	

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CAD 1 UNIT SYMBOL

ELEMENT IDENTIFIER (CONT) D1 CONTROL INTERFACE 1

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
11C1N	0	04-172-048	04-172-048	13/1	
11C1P	0	04-172-148	04-172-148	13/1	
11C10N	0	04-172-241	04-172-241	13/1	
11C10P	0	04-172-341	04-172-341	13/1	
11C11N	0	04-172-235	04-172-235	13/1	
11C11P	0	04-172-335	04-172-335	13/1	
11C12N	0	04-172-222	04-172-222	13/1	
11C12P	0	04-172-322	04-172-322	13/1	
11C13N	0	04-172-216	04-172-216	13/1	
11C13P	0	04-172-316	04-172-316	13/1	
11C14N	0	04-172-209	04-172-209	13/1	
11C14P	0	04-172-309	04-172-309	13/1	
11C15N	0	04-172-203	04-172-203	13/1	
11C15P	0	04-172-303	04-172-303	13/1	
11C16N	0	04-172-454	04-172-454	13/1	
11C16P	0	04-172-554	04-172-554	13/1	
11C17N	0	04-172-448	04-172-448	13/1	
11C17P	0	04-172-548	04-172-548	13/1	
11C18N	0	04-172-441	04-172-441	13/1	
11C18P	0	04-172-541	04-172-541	13/1	
11C19N	0	04-172-435	04-172-435	13/1	
11C19P	0	04-172-535	04-172-535	13/1	
11C2N	0	04-172-041	04-172-041	13/1	
11C2P	0	04-172-141	04-172-141	13/1	
11C20N	0	04-172-422	04-172-422	13/1	
11C20P	0	04-172-522	04-172-522	13/1	
11C21N	0	04-172-416	04-172-416	13/1	
11C21P	0	04-172-516	04-172-516	13/1	
11C22N	0	04-172-409	04-172-409	13/1	
11C22P	0	04-172-509	04-172-509	13/1	
11C3N	0	04-172-035	04-172-035	13/1	
11C3P	0	04-172-135	04-172-135	13/1	
11C4N	0	04-172-022	04-172-022	13/1	
11C4P	0	04-172-122	04-172-122	13/1	
11C5N	0	04-172-016	04-172-016	13/1	
11C5P	0	04-172-116	04-172-116	13/1	
11C6N	0	04-172-009	04-172-009	13/1	
11C6P	0	04-172-109	04-172-109	13/1	
11C7N	0	04-172-003	04-172-003	13/1	
11C7P	0	04-172-103	04-172-103	13/1	
11C8N	0	04-172-254	04-172-254	13/1	
11C8P	0	04-172-354	04-172-354	13/1	
11C9N	0	04-172-248	04-172-248	13/1	
11C9P	0	04-172-348	04-172-348	13/1	
11D0N	1	04-172-056	04-172-056	13/1	
11D0P	1	04-172-156	04-172-156	13/1	
11D1N	1	04-172-050	04-172-050	13/1	
11D1P	1	04-172-150	04-172-150	13/1	
11D10N	1	04-172-243	04-172-243	13/1	
11D10P	1	04-172-343	04-172-343	13/1	
11D11N	1	04-172-237	04-172-237	13/1	
11D11P	1	04-172-337	04-172-337	13/1	
11D12N	1	04-172-224	04-172-224	13/1	
11D12P	1	04-172-324	04-172-324	13/1	
11D13N	1	04-172-218	04-172-218	13/1	
11D13P	1	04-172-318	04-172-318	13/1	
11D14N	1	04-172-211	04-172-211	13/1	
11D14P	1	04-172-311	04-172-311	13/1	
11D15N	1	04-172-205	04-172-205	13/1	
11D15P	1	04-172-305	04-172-305	13/1	
11D16N	1	04-172-456	04-172-456	13/1	
11D16P	1	04-172-556	04-172-556	13/1	
11D17N	1	04-172-450	04-172-450	13/1	
11D17P	1	04-172-550	04-172-550	13/1	
11D18N	1	04-172-443	04-172-443	13/1	
11D18P	1	04-172-543	04-172-543	13/1	

ELEMENT IDENTIFIER (CONT) D1 CONTROL INTERFACE 1

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
11D19N	1	04-172-437	04-172-437	13/1	
11D19P	1	04-172-537	04-172-537	13/1	
11D2N	1	04-172-043	04-172-043	13/1	
11D2P	1	04-172-143	04-172-143	13/1	
11D20N	1	04-172-424	04-172-424	13/1	
11D20P	1	04-172-524	04-172-524	13/1	
11D21N	1	04-172-418	04-172-418	13/1	
11D21P	1	04-172-518	04-172-518	13/1	
11D22N	1	04-172-411	04-172-411	13/1	
11D22P	1	04-172-511	04-172-511	13/1	
11D3N	1	04-172-037	04-172-037	13/1	
11D3P	1	04-172-137	04-172-137	13/1	
11D4N	1	04-172-024	04-172-024	13/1	
11D4P	1	04-172-124	04-172-124	13/1	
11D5N	1	04-172-018	04-172-018	13/1	
11D5P	1	04-172-118	04-172-118	13/1	
11D6N	1	04-172-011	04-172-011	13/1	
11D6P	1	04-172-111	04-172-111	13/1	
11D7N	1	04-172-005	04-172-005	13/1	
11D7P	1	04-172-105	04-172-105	13/1	
11D8N	1	04-172-256	04-172-256	13/1	
11D8P	1	04-172-356	04-172-356	13/1	
11D9N	1	04-172-250	04-172-250	13/1	
11D9P	1	04-172-350	04-172-350	13/1	
11D10P	1	04-172-152	04-172-152	13/1	
11D11P	1	04-172-146	04-172-146	13/1	
11D12P	1	04-172-339	04-172-339	13/1	
11D13P	1	04-172-333	04-172-333	13/1	
11D14P	1	04-172-320	04-172-320	13/1	
11D15P	1	04-172-314	04-172-314	13/1	
11D16P	1	04-172-307	04-172-307	13/1	
11D17P	1	04-172-301	04-172-301	13/1	
11D18P	1	04-172-552	04-172-552	13/1	
11D19P	1	04-172-546	04-172-546	13/1	
11D20P	1	04-172-539	04-172-539	13/1	
11D21P	1	04-172-533	04-172-533	13/1	
11D22P	1	04-172-527	04-172-527	13/1	
11D23P	1	04-172-520	04-172-520	13/1	
11D24P	1	04-172-514	04-172-514	13/1	
11D25P	1	04-172-507	04-172-507	13/1	
11D26P	1	04-172-500	04-172-500	13/1	
11D27P	1	04-172-493	04-172-493	13/1	
11D28P	1	04-172-486	04-172-486	13/1	
11D29P	1	04-172-479	04-172-479	13/1	
11D30P	1	04-172-472	04-172-472	13/1	
11D31P	1	04-172-465	04-172-465	13/1	
11D32P	1	04-172-458	04-172-458	13/1	
11D33P	1	04-172-451	04-172-451	13/1	
11D34P	1	04-172-444	04-172-444	13/1	
11D35P	1	04-172-437	04-172-437	13/1	
11D36P	1	04-172-430	04-172-430	13/1	
11D37P	1	04-172-423	04-172-423	13/1	
11D38P	1	04-172-416	04-172-416	13/1	
11D39P	1	04-172-409	04-172-409	13/1	
11D40P	1	04-172-402	04-172-402	13/1	
11D41P	1	04-172-395	04-172-395	13/1	
11D42P	1	04-172-388	04-172-388	13/1	
11D43P	1	04-172-381	04-172-381	13/1	
11D44P	1	04-172-374	04-172-374	13/1	
11D45P	1	04-172-367	04-172-367	13/1	
11D46P	1	04-172-360	04-172-360	13/1	
11D47P	1	04-172-353	04-172-353	13/1	
11D48P	1	04-172-346	04-172-346	13/1	
11D49P	1	04-172-339	04-172-339	13/1	
11D50P	1	04-172-332	04-172-332	13/1	
11D51P	1	04-172-325	04-172-325	13/1	
11D52P	1	04-172-318	04-172-318	13/1	
11D53P	1	04-172-311	04-172-311	13/1	
11D54P	1	04-172-304	04-172-304	13/1	
11D55P	1	04-172-297	04-172-297	13/1	
11D56P	1	04-172-290	04-172-290	13/1	
11D57P	1	04-172-283	04-172-283	13/1	
11D58P	1	04-172-276	04-172-276	13/1	
11D59P	1	04-172-269	04-172-269	13/1	
11D60P	1	04-172-262	04-172-262	13/1	
11D61P	1	04-172-255	04-172-255	13/1	
11D62P	1	04-172-248	04-172-248	13/1	
11D63P	1	04-172-241	04-172-241	13/1	
11D64P	1	04-172-234	04-172-234	13/1	
11D65P	1	04-172-227	04-172-227	13/1	
11D66P	1	04-172-220	04-172-220	13/1	
11D67P	1	04-172-213	04-172-213	13/1	
11D68P	1	04-172-206	04-172-206	13/1	
11D69P	1	04-172-199	04-172-199	13/1	
11D70P	1	04-172-192	04-172-192	13/1	
11D71P	1	04-172-185	04-172-185	13/1	
11D72P	1	04-172-178	04-172-178	13/1	
11D73P	1	04-172-171	04-172-171	13/1	
11D74P	1	04-172-164	04-172-164	13/1	
11D75P	1	04-172-157	04-172-157	13/1	
11D76P	1	04-172-150	04-172-150	13/1	
11D77P	1	04-172-143	04-172-143	13/1	
11D78P	1	04-172-136	04-172-136	13/1	
11D79P	1	04-172-129	04-172-129	13/1	
11D80P	1	04-172-122	04-172-122	13/1	
11D81P	1	04-172-115	04-172-115	13/1	
11D82P	1	04-172-108	04-172-108	13/1	
11D83P	1	04-172-101	04-172-101	13/1	
11D84P	1	04-172-094	04-172-094	13/1	
11D85P	1	04-172-087	04-172-087	13/1	
11D86P	1	04-172-080	04-172-080	13/1	
11D87P	1	04-172-073	04-172-073	13/1	
11D88P	1	04-172-066	04-172-066	13/1	
11D89P	1	04-172-059	04-172-059	13/1	
11D90P	1	04-172-052	04-172-052	13/1	
11D91P	1	04-172-045	04-172-045	13/1	
11D92P	1	04-172-038	04-172-038	13/1	
11D93P	1	04-172-031	04-172-031	13/1	
11D94P	1	04-172-024	04-172-024	13/1	
11D95P	1	04-172-017	04-172-017	13/1	
11D96P	1	04-172-010	04-172-010	13/1	
11D97P	1	04-172-003	04-172-003	13/1	
11D98P	1	04-172-000	04-172-000	13/1	
11D99P	1	04-172-000	04-172-000	13/1	

ELEMENT IDENTIFIER (CONT) D1 CONTROL INTERFACE 1

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
11D01P	0	04-172-549	04-172-549	13/1	
11D01N	0	04-172-442	04-172-442	13/1	
11D01P	0	04-172-542	04-172-542	13/1	

CAD 1 UNIT SYMBOL

ELEMENT IDENTIFIER (CONT) E0

PROCESSOR SUBUNIT ACCESS 0

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD04060	G	04-066-001	04-060-015	5/2	
GRD04060	G	04-066-004	04-060-015	5/2	
GRD04060	G	04-066-008	04-060-015	5/2	
GRD04060	G	04-066-018	04-060-015	5/2	
GRD04060	G	04-066-024	04-060-015	5/2	
GRD04060	G	04-066-023	04-060-015	5/2	
GRD04060	G	04-064-002	04-060-015	5/2	
GRD04060	G	04-066-002	04-060-015	5/2	
GRD04060	G	04-064-005	04-060-015	5/2	
GRD04060	G	04-066-020	04-060-015	5/2	
SPARE045	I	04-065-015			
SPARE046	I	04-065-016			
SPARE047	I	04-065-017			
SPARE048	I	04-067-001			
SPARE049	I	04-067-014			
ONAE	I	04-065-014	04-010-113	11/1	
OSUAP	I	04-065-018	04-060-002	5/2	
OSUA12	I	04-065-024	04-060-008	5/2	
OSUA2	I	04-065-023	04-060-007	5/2	
OSUA3	I	04-065-022	04-060-006	5/2	
OSUA4	I	04-065-021	04-060-005	5/2	
OSUA5	I	04-065-020	04-060-004	5/2	
OSUA6	I	04-065-019	04-060-003	5/2	
OSUDPH	IO	04-067-016	04-060-111	5/2	
OSUDPL	IO	04-067-003	04-060-110	5/2	
OSUD02	IO	04-067-011	04-060-109	5/2	
OSUD12	IO	04-067-010	04-060-108	5/2	
OSUD102	IO	04-067-022	04-060-118	5/2	
OSUD112	IO	04-067-021	04-060-117	5/2	
OSUD12	IO	04-067-020	04-060-116	5/2	
OSUD13	IO	04-067-019	04-060-115	5/2	
OSUD14	IO	04-067-018	04-060-114	5/2	
OSUD15	IO	04-067-017	04-060-113	5/2	
OSUD2	IO	04-067-009	04-060-107	5/2	
OSUD3	IO	04-067-008	04-060-106	5/2	
OSUD4	IO	04-067-007	04-060-105	5/2	
OSUD5	IO	04-067-006	04-060-104	5/2	
OSUD6	IO	04-067-005	04-060-103	5/2	
OSUD7	IO	04-067-004	04-060-102	5/2	
OSUD8	IO	04-067-024	04-060-120	5/2	
OSUD9	IO	04-067-023	04-060-119	5/2	
OSURD0	I	04-067-000	04-060-009	5/2	
OSUARO	I	04-067-013	04-060-010	5/2	
OSU0ERR0	O	04-065-013	04-060-014	5/2	
OSU0S0	I	04-067-015	04-060-011	5/2	
OSU0WTO	O	04-067-002	04-060-013	5/2	
OSU1ERR0	O	04-065-002	04-036-114	15/2	
OSU1S0	I	04-065-010	04-036-111	15/2	
OSU1WTO	O	04-065-006	04-036-113	15/2	
OSU2ERR0	O	04-065-001	04-018-119	12/1	
OSU2S0	I	04-065-009	04-018-319	12/1	
OSU2WTO	O	04-065-005	04-018-019	12/1	
OSU3ERR0	O	04-065-000	04-010-119	11/1	
OSU3S0	I	04-065-008	04-010-319	11/1	
OSU3WTO	O	04-065-004	04-010-019	11/1	
OSU4ERR0	I	04-065-003			
OSU4S0	I	04-065-011			
OSU4WTO	I	04-065-007			

ELEMENT IDENTIFIER E1

PROCESSOR SUBUNIT ACCESS 1

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD04124	G	04-122-002	04-124-212	6/2	
GRD04124	G	04-122-024	04-124-212	6/2	
GRD04124	G	04-120-005	04-124-212	6/2	
GRD04124	G	04-122-000	04-124-212	6/2	
GRD04124	G	04-122-016	04-124-212	6/2	
GRD04124	G	04-120-002	04-124-212	6/2	
GRD04124	G	04-120-000	04-124-212	6/2	
GRD04124	G	04-122-010	04-124-212	6/2	
GRD04124	G	04-120-019	04-124-212	6/2	
GRD04124	G	04-122-008	04-124-212	6/2	
GRD04124	G	04-122-011	04-124-212	6/2	
GRD04124	G	04-122-009	04-124-212	6/2	
GRD04124	G	04-120-010	04-124-212	6/2	
GRD04124	G	04-122-015	04-124-212	6/2	
GRD04124	G	04-120-023	04-124-212	6/2	
GRD04124	G	04-120-013	04-124-212	6/2	
GRD04124	G	04-120-003	04-124-212	6/2	
GRD04124	G	04-120-007	04-124-212	6/2	
GRD04124	G	04-122-014	04-124-212	6/2	
GRD04124	G	04-122-001	04-124-212	6/2	
GRD04124	G	04-122-017	04-124-212	6/2	
GRD04124	G	04-120-011	04-124-212	6/2	
GRD04124	G	04-120-015	04-124-212	6/2	
GRD04124	G	04-120-018	04-124-212	6/2	
GRD04124	G	04-122-023	04-124-212	6/2	
GRD04124	G	04-120-022	04-124-212	6/2	
GRD04124	G	04-122-005	04-124-212	6/2	
GRD04124	G	04-120-021	04-124-212	6/2	
GRD04124	G	04-122-013	04-124-212	6/2	
GRD04124	G	04-120-009	04-124-212	6/2	
GRD04124	G	04-120-006	04-124-212	6/2	
GRD04124	G	04-120-024	04-124-212	6/2	
GRD04124	G	04-122-004	04-124-212	6/2	
GRD04124	G	04-120-017	04-124-212	6/2	
GRD04124	G	04-120-014	04-124-212	6/2	
GRD04124	G	04-122-007	04-124-212	6/2	
GRD04124	G	04-120-016	04-124-212	6/2	
GRD04124	G	04-120-001	04-124-212	6/2	
GRD04124	G	04-122-018	04-124-212	6/2	
GRD04124	G	04-120-020	04-124-212	6/2	
GRD04124	G	04-122-021	04-124-212	6/2	
GRD04124	G	04-122-006	04-124-212	6/2	
GRD04124	G	04-122-019	04-124-212	6/2	
GRD04124	G	04-120-004	04-124-212	6/2	
GRD04124	G	04-122-020	04-124-212	6/2	
GRD04124	G	04-120-008	04-124-212	6/2	
GRD04124	G	04-122-003	04-124-212	6/2	
GRD04124	G	04-122-022	04-124-212	6/2	
SPARE050	I	04-121-015			
SPARE051	I	04-121-016			
SPARE052	I	04-121-017			
SPARE053	I	04-123-001			
SPARE054	I	04-123-014			
INAE	I	04-121-014	04-172-113	13/1	
ISUAP	I	04-121-018	04-124-002	6/2	
ISUA12	I	04-121-024	04-124-008	6/2	
ISUA2	I	04-121-023	04-124-007	6/2	
ISUA3	I	04-121-022	04-124-006	6/2	
ISUA4	I	04-121-021	04-124-005	6/2	
ISUA5	I	04-121-020	04-124-004	6/2	
ISUA6	I	04-121-019	04-124-003	6/2	
ISUDPH	IO	04-123-016	04-124-111	6/2	
ISUDPL	IO	04-123-003	04-124-110	6/2	
ISUD02	IO	04-123-011	04-124-109	6/2	
ISUD12	IO	04-123-010	04-124-108	6/2	
ISUD102	IO	04-123-022	04-124-118	6/2	

ELEMENT IDENTIFIER (CONT) E1

PROCESSOR SUBUNIT ACCESS 1

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
ISUD112	IO	04-123-021	04-124-117	6/2	
ISUD12	IO	04-123-020	04-124-116	6/2	
ISUD13	IO	04-123-019	04-124-115	6/2	
ISUD14	IO	04-123-018	04-124-114	6/2	
ISUD15	IO	04-123-017	04-124-113	6/2	
ISUD2	IO	04-123-009	04-124-107	6/2	
ISUD3	IO	04-123-008	04-124-106	6/2	
ISUD4	IO	04-123-007	04-124-105	6/2	
ISUD5	IO	04-123-006	04-124-104	6/2	
ISUD6	IO	04-123-005	04-124-103	6/2	
ISUD7	IO	04-123-004	04-124-102	6/2	
ISUD8	IO	04-123-024	04-124-120	6/2	
ISUD9	IO	04-123-023	04-124-119	6/2	
ISURD0	I	04-123-000	04-124-009	6/2	
ISUARO	I	04-123-013	04-124-010	6/2	
ISU0ERR0	O	04-121-013	04-124-014	6/2	
ISU0S0	I	04-123-015	04-124-011	6/2	
ISU0WTO	O	04-123-002	04-124-013	6/2	
ISU1ERR0	O	04-121-002	04-148-114	16/2	
ISU1S0	I	04-121-010	04-148-111	16/2	
ISU1WTO	O	04-121-006	04-148-113	16/2	
ISU2ERR0	O	04-121-001	04-164-119	14/1	
ISU2S0	I	04-121-009	04-164-319	14/1	
ISU2WTO	O	04-121-005	04-164-019	14/1	
ISU3ERR0	O	04-121-000	04-172-119	13/1	
ISU3S0	I	04-121-008	04-172-319	13/1	
ISU3WTO	O	04-121-004	04-172-019	13/1	
ISU4ERR0	I	04-121-003			
ISU4S0	I	04-121-011			
ISU4WTO	I	04-121-007			

TIME SLOT (INTERCHANGER UNIT,
MODEL 2)

DWG SIZE
2

ISSUE
9AC

AT&T
BELL LABORATORIES

SD-50045-01

GB10

REPROD IN U. S. A.

03/05/85

CAD 1 UNIT SYMBOL

ELEMENT IDENTIFIER F1

TSIU-DLI CONTROL AND POWER 1

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
-48ADE11	P	11-106-006	13-100-106	3/1	
-48VCI	P	11-178-006	13-180-107	18/1	
GRD13142	G	13-134-020	13-142-200	10/1	
GRD13142	G	13-134-021	13-142-200	10/1	
GRD13142	G	13-134-022	13-142-200	10/1	
GRD13142	G	13-134-023	13-142-200	10/1	
GRD13142	G	13-134-024	13-142-200	10/1	
GRD13142	G	13-134-037	13-142-200	10/1	
GRD13142	G	13-134-032	13-142-200	10/1	
GRD13142	G	13-134-033	13-142-200	10/1	
GRD13142	G	13-134-034	13-142-200	10/1	
GRD13142	G	13-134-035	13-142-200	10/1	
GRD13142	G	13-134-036	13-142-200	10/1	
GRD13142	G	13-134-038	13-142-200	10/1	
GRD13142	G	13-134-039	13-142-200	10/1	
GRD13142	G	13-134-040	13-142-200	10/1	
GRD13142	G	13-134-041	13-142-200	10/1	
GRD13142	G	13-134-042	13-142-200	10/1	
GRD13142	G	13-134-043	13-142-200	10/1	
GRD13142	G	13-134-045	13-142-200	10/1	
GRD13142	G	13-134-046	13-142-200	10/1	
GRD13142	G	13-134-047	13-142-200	10/1	
GRD13142	G	13-134-048	13-142-200	10/1	
GRD13142	G	13-134-049	13-142-200	10/1	
GRD13142	G	13-134-014	13-142-200	10/1	
GRD13142	G	13-134-015	13-142-200	10/1	
GRD13142	G	13-134-013	13-142-200	10/1	
GRD13142	G	13-134-016	13-142-200	10/1	
GRD13142	G	13-134-017	13-142-200	10/1	
GRD13142	G	13-134-018	13-142-200	10/1	
GRD13142	G	13-134-019	13-142-200	10/1	
GRD13142	G	13-134-050	13-142-200	10/1	
GRD13142	G	13-134-051	13-142-200	10/1	
GRD13142	G	13-134-052	13-142-200	10/1	
GRD13142	G	13-134-056	13-142-200	10/1	
GRD13142	G	13-134-055	13-142-200	10/1	
GRD13142	G	13-134-054	13-142-200	10/1	
GRD13142	G	13-134-053	13-142-200	10/1	
SPARE041		13-135-043			
SPARE044		13-135-056			
OCOS1C	I	13-135-037	13-180-010	18/1	
OCOS1D	I	13-135-019	13-108-010	20/1	
OCROIP1C	I	13-135-038	13-180-022	18/1	
OCROIP1D	I	13-135-020	13-108-022	20/1	
1CALMA	O	13-180-145	13-170-014	18/2	
1CALMA	O	13-135-045	13-170-014	18/2	
1CALMB	I	13-135-046	13-180-117	18/1	
1CALMPA	O	13-135-047	13-180-123	18/1	
1CFAS	I	13-180-045	13-180-045	18/1	
1CINTB	I	13-135-055			(E)
1CINTR	I	13-135-054	13-180-115	18/1	(E)
1CDS1D	I	13-135-015	13-108-011	20/1	
1CDS34L	I	13-135-052	13-170-115	18/2	
1CDS48P	O	13-135-053	13-180-109	18/1	
1CROIP1C	I	13-135-033	13-180-021	18/1	
1CROIP1D	I	13-135-016	13-108-021	20/1	
1CSX0C	O	13-135-035	13-180-018	18/1	
1CSX1C	O	13-135-032	13-180-017	18/1	
1CSY0C	O	13-135-036	13-180-119	18/1	
1CSZ0C	O	13-135-039	13-180-015	18/1	
1CSZ1C	O	13-135-034	13-180-014	18/1	
1CS1	O	13-135-049	13-180-124	18/1	
1CS2	O	13-135-050	13-180-122	18/1	
1CS3	O	13-135-051	13-180-009	18/1	
1CTSTA	O	13-180-146	13-180-146	18/1	
1CTSTB	O	13-180-046	13-180-046	18/1	

ELEMENT IDENTIFIER (CONT) F1

TSIU-DLI CONTROL AND POWER 1

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
1C48R	G	11-178-002	13-180-103	18/1	
1DLIALM	O	13-108-145	13-116-014	20/2	
1DLIA48R	G	11-106-002	13-108-103	20/1	
1DLITSTA	O	13-108-146	13-108-146	20/1	
1DSX0C	O	13-135-017	13-108-078	20/1	
1DSX1C	O	13-135-013	13-108-017	20/1	
1DSY0C	O	13-135-018	13-108-119	20/1	
1DSY1C	O	13-135-014	13-108-118	20/1	
1MPF0	O	13-135-024	13-180-153	18/1	

ELEMENT IDENTIFIER G

TSIU-DLI GROUND ACCESS

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD04010	I	01-042-080	04-010-207	11/1	
GRD04010	I	01-059-080	04-010-207	11/1	
GRD04010	I	01-076-180	04-010-207	11/1	
GRD04010	I	01-108-180	04-010-207	11/1	
GRD04010	I	01-018-580	04-010-207	11/1	
GRD04010	I	01-163-080	04-010-207	11/1	
GRD04010	I	01-146-080	04-010-207	11/1	
GRD04010	I	01-123-080	04-010-207	11/1	

ELEMENT IDENTIFIER H0

CONTROL AND DISPLAY TO FIU 0

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD13068	G	13-071-020	13-068-033	19/2	
GRD13068	G	13-071-023	13-068-033	19/2	
GRD13068	G	13-071-013	13-068-033	19/2	
GRD13068	G	13-071-019	13-068-033	19/2	
GRD13068	G	13-071-015	13-068-033	19/2	
GRD13068	G	13-071-017	13-068-033	19/2	
GRD13068	G	13-071-021	13-068-033	19/2	
GRD13068	G	13-071-016	13-068-033	19/2	
GRD13068	G	13-071-022	13-068-033	19/2	
GRD13068	G	13-071-014	13-068-033	19/2	
GRD13068	G	13-071-018	13-068-033	19/2	
GRD13068	G	13-071-024	13-068-033	19/2	
SPARE057		13-072-024			
001NTAR	I	13-072-014	13-076-115	19/1	(G)
001NTBR	I	13-072-013			(G)
001IALM	O	13-072-019	13-068-014	19/2	
001IALMP	I	13-072-018	13-076-148	19/1	
001IALMR		13-072-023			
001IALR		13-072-022			
001ODSP		13-072-020			
001IS1	O	13-072-017	13-076-124	19/1	
001IS2	O	13-072-016	13-076-122	19/1	
001IS3	O	13-072-015	13-076-009	19/1	
0000S48P	O	13-072-021	13-076-109	19/1	

ELEMENT IDENTIFIER H1

CONTROL AND DISPLAY TO FIU 1

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD13116	G	13-113-023	13-116-043	20/2	
GRD13116	G	13-113-020	13-116-043	20/2	
GRD13116	G	13-113-013	13-116-043	20/2	
GRD13116	G	13-113-018	13-116-043	20/2	
GRD13116	G	13-113-017	13-116-043	20/2	
GRD13116	G	13-113-021	13-116-043	20/2	
GRD13116	G	13-113-016	13-116-043	20/2	
GRD13116	G	13-113-014	13-116-043	20/2	
GRD13116	G	13-113-022	13-116-043	20/2	
GRD13116	G	13-113-024	13-116-043	20/2	
GRD13116	G	13-113-019	13-116-043	20/2	
GRD13116	G	13-113-015	13-116-043	20/2	
SPARE060		13-114-024			
10INTAR	I	13-114-014	13-108-115	20/1	(G)
10INTBR	I	13-114-013			(G)
1DLIALM	O	13-114-019	13-116-014	20/2	
1DLIALMP	I	13-114-018	13-108-148	20/1	
1DLIALMR		13-114-023			
1DLIALR		13-114-022			
1DL10DSP		13-114-020			
1DLIS1	O	13-114-017	13-108-124	20/1	
1DLIS2	O	13-114-016	13-108-122	20/1	
1DLIS3	O	13-114-015	13-108-009	20/1	
1000S48P	O	13-114-021	13-108-109	20/1	

SEE PROPRIETARY NOTICE ON COVER SHEET

TIME SLOT INTERCHANGER UNIT,
MODEL 2

Q&Q SIZE
2

ISSUE
8D

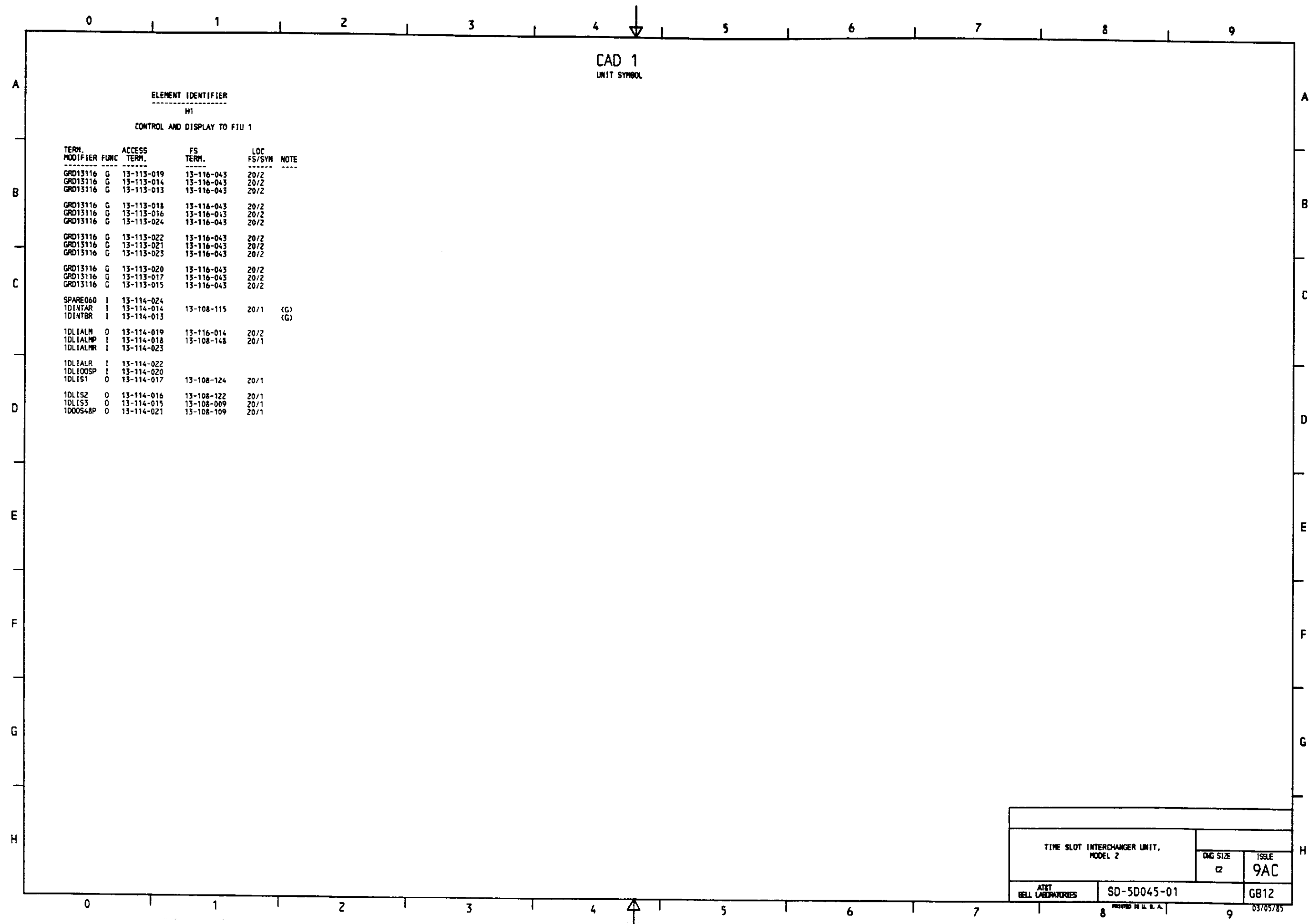
AT&T
BELL LABORATORIES

SD-5D045-01

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09/05/84



CAD 002

DLI TO CONTROLLER 0 BUS

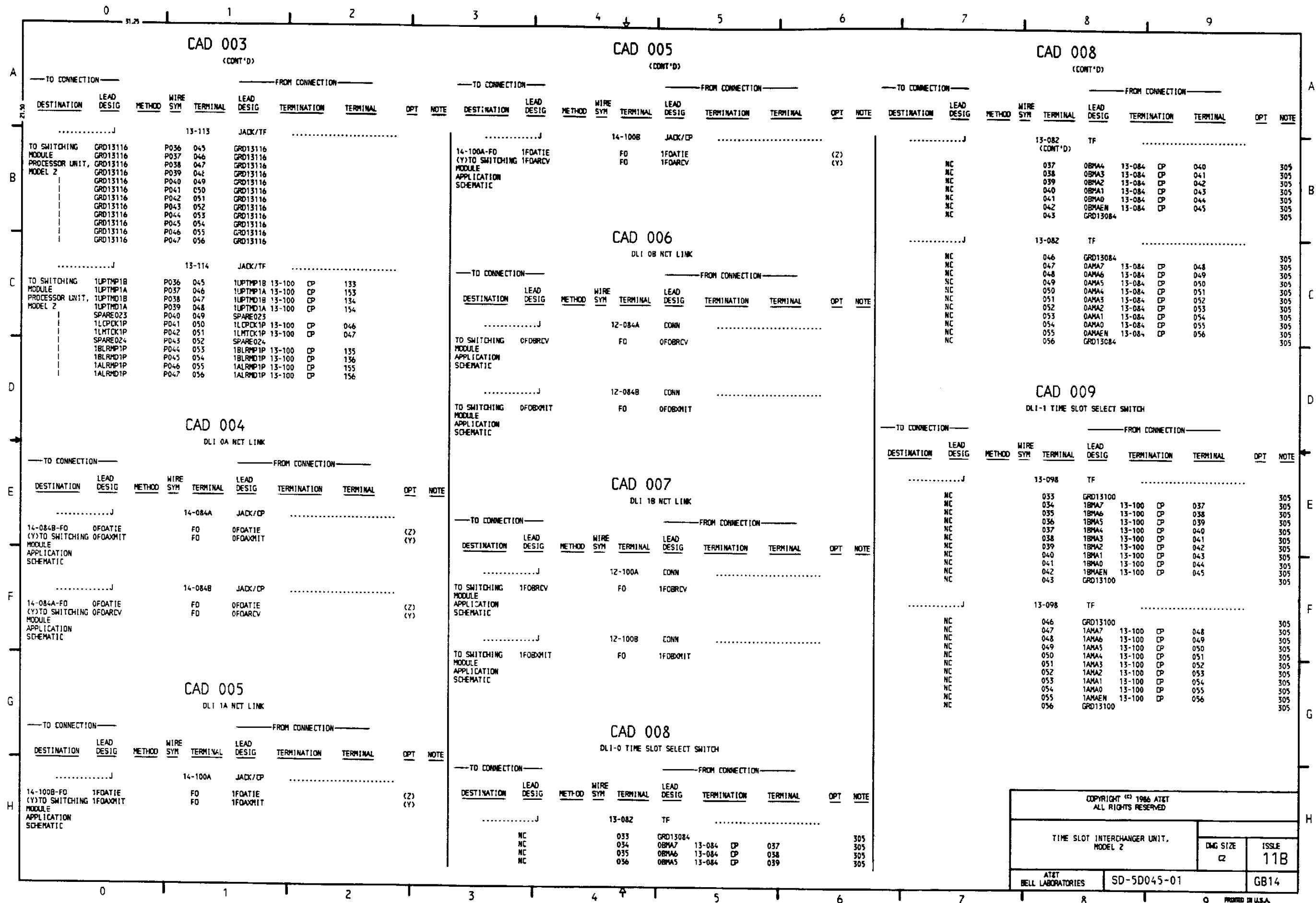
CAD 002

(CONT'D)

CAD 003

(CONT'D)

TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J 13-071 JACK/TF										J 13-074 (CONT'D) JACK/TF										J 13-111 JACK/TF										J 13-112 JACK/TF									
TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	GRD13068	P000	032	GRD13068	GRD13068					TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	GRD13076	P036	045	GRD13076	GRD13076					TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	GRD13108	P012	045	GRD13108	GRD13108					TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	1UPCK1L	P012	045	1UPCK1L	13-100	CP	143		
	GRD13068	P001	033	GRD13068	GRD13068						GRD13076	P037	046	GRD13076	GRD13076						GRD13108	P013	046	GRD13108	GRD13108						1UPACT1L	P013	046	1UPACT1L	13-100	CP	144		
	GRD13068	P002	034	GRD13068	GRD13068						GRD13076	P038	047	GRD13076	GRD13076						GRD13108	P014	047	GRD13108	GRD13108						1UPG01L	P014	047	1UPG01L	13-100	CP	145		
	GRD13068	P003	035	GRD13068	GRD13068						GRD13076	P039	048	GRD13076	GRD13076						GRD13108	P015	048	GRD13108	GRD13108						SPARE017	P015	048	SPARE017					
	GRD13068	P004	036	GRD13068	GRD13068						GRD13076	P040	049	GRD13076	GRD13076						GRD13108	P016	049	GRD13108	GRD13108						1UPTRO1L	P016	049	1UPTRO1L	13-100	CP	146		
	GRD13068	P005	037	GRD13068	GRD13068						GRD13076	P041	050	GRD13076	GRD13076						GRD13108	P017	050	GRD13108	GRD13108						1LINT1UP	P017	050	1LINT1UP	13-100	CP	147		
	GRD13068	P006	038	GRD13068	GRD13068						GRD13076	P042	051	GRD13076	GRD13076						GRD13108	P018	051	GRD13108	GRD13108						1LRCD1UP	P018	051	1LRCD1UP	13-100	CP	148		
	GRD13068	P007	039	GRD13068	GRD13068						GRD13076	P043	052	GRD13076	GRD13076						GRD13108	P019	052	GRD13108	GRD13108						SPARE018	P019	052	SPARE018					
	GRD13068	P008	040	GRD13068	GRD13068						GRD13076	P044	053	GRD13076	GRD13076						GRD13108	P020	053	GRD13108	GRD13108						SPARE019	P020	053	SPARE019					
	GRD13068	P009	041	GRD13068	GRD13068						GRD13076	P045	054	GRD13076	GRD13076						GRD13108	P021	054	GRD13108	GRD13108						SPARE020	P021	054	SPARE020					
	GRD13068	P010	042	GRD13068	GRD13068						GRD13076	P046	055	GRD13076	GRD13076						GRD13108	P022	055	GRD13108	GRD13108						1BLCP11P	P022	055	1BLCP11P	13-100	CP	237		
	GRD13068	P011	043	GRD13068	GRD13068						GRD13076	P047	056	GRD13076	GRD13076						GRD13108	P023	056	GRD13108	GRD13108						1ALCP11P	P023	056	1ALCP11P	13-100	CP	238		
J 13-072 JACK/TF										J 13-073 JACK/TF										J 13-113 JACK/TF										J 13-114 JACK/TF									
TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	GRD13068	P012	045	GRD13068	GRD13068					TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	OLUPEK1L	P036	045	OLUPEK1L	13-100	CP	137			TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	GRD13116	P024	032	GRD13116	GRD13116					TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	1UPTM08	P024	032	1UPTM08	13-084	CP	133		
	GRD13068	P013	046	GRD13068	GRD13068						OLUPEK1L	P037	046	OLUPEK1L	13-100	CP	138				GRD13116	P025	033	GRD13116	GRD13116						1UPTM0A	P025	033	1UPTM0A	13-084	CP	153		
	GRD13068	P014	047	GRD13068	GRD13068						OLUPEK1L	P038	047	OLUPEK1L	13-100	CP	139				GRD13116	P026	034	GRD13116	GRD13116						1UPTM0B	P026	034	1UPTM0B	13-084	CP	134		
	GRD13068	P015	048	GRD13068	GRD13068						SPARE009	P039	048	SPARE009							GRD13116	P027	035	GRD13116	GRD13116						1UPTM0A	P027	035	1UPTM0A	13-084	CP	154		
	GRD13068	P016	049	GRD13068	GRD13068						1LINTOUP	P040	049	1LINTOUP	13-100	CP	140				GRD13116	P028	036	GRD13116	GRD13116						SPARE021	P028	036	SPARE021					
	GRD13068	P017	050	GRD13068	GRD13068						1LRCDUP	P041	050	1LRCDUP	13-100	CP	141				GRD13116	P029	037	GRD13116	GRD13116						OLCPCK1P	P029	037	OLCPCK1P	13-084	CP	046		
	GRD13068	P018	051	GRD13068	GRD13068						SPARE010	P042	051	SPARE010							GRD13116	P030	038	GRD13116	GRD13116						OLHTCK1P	P030	038	OLHTCK1P	13-084	CP	047		
	GRD13068	P019	052	GRD13068	GRD13068						SPARE011	P043	052	SPARE011							GRD13116	P031	039	GRD13116	GRD13116						SPARE022	P031	039	SPARE022					
	GRD13068	P020	053	GRD13068	GRD13068						SPARE012	P044	053	SPARE012							GRD13116	P032	040	GRD13116	GRD13116						OBLRMP1P	P032	040	OBLRMP1P	13-084	CP	135		
	GRD13068	P021	054	GRD13068	GRD13068						1BLCP10P	P045	054	1BLCP10P	13-100	CP	235				GRD13116	P033	041	GRD13116	GRD13116						OBLRMD1P	P033	041	OBLRMD1P	13-084	CP	136		
	GRD13068	P022	055	GRD13068	GRD13068						1ALCP10P	P046	055	1ALCP10P	13-100	CP	236				GRD13116	P034	042	GRD13116	GRD13116						OALRMP1P	P034	042	OALRMP1P	13-084	CP	155		
	GRD13068	P023	056	GRD13068	GRD13068							P047	056								GRD13116	P035	043	GRD13116	GRD13116						OALRMD1P	P035	043	OALRMD1P	13-084	CP	156		
J 13-071 JACK/TF										J 13-074 JACK/TF										J 13-111 JACK/TF										J 13-112 JACK/TF									



TSI 1 TO DSU

TSI 1 TO DSU

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
-----J				04-116	JACK/CP	-----			
TO DIGITAL	1PB01P	P000	202	1PB01P					
SERVICE UNIT	1PB11P	P001	203	1PB11P					
	18KS1P	P002	204	18KS1P					
	14MC1P	P003	205	14MC1P					
	1PB01N	P000	302	1PB01N					
	1PB11N	P001	303	1PB11N					
	18KS1N	P002	304	18KS1N					
	14MC1N	P003	305	14MC1N					
-----J				04-116	JACK/CP	-----			
TO DIGITAL	1PB00P	P004	207	1PB00P					
SERVICE UNIT	1PB10P	P005	208	1PB10P					
	18KS0P	P006	209	18KS0P					
	14MC0P	P007	210	14MC0P					
	1PB00N	P004	307	1PB00N					
	1PB10N	P005	308	1PB10N					
	18KS0N	P006	309	18KS0N					
	14MC0N	P007	310	14MC0N					

PERIPHERAL INTERFACE DATA BUS 01

PERIPHERAL INTERFACE DATA BUS 01

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				13-042	JACK/CP				
TO SWITCHING	01PB00P	P000	001	01PB00P					
MODULE	01PB10P	P001	002	01PB10P					
APPLICATION	018KS0P	P002	003	018KS0P					
SCHEMATIC	014MC0P	P003	004	014MC0P					
	01PB00N	P000	101	01PB00N					
	01PB10N	P001	102	01PB10N					
	018KS0N	P002	103	018KS0N					
	014MC0N	P003	104	014MC0N					
.....J				13-042	JACK/CP				
TO SWITCHING	01PB01P	P004	007	01PB01P					
MODULE	01PB11P	P005	008	01PB11P					
APPLICATION	018KS1P	P006	009	018KS1P					
SCHEMATIC	014MC1P	P007	010	014MC1P					
	01PB01N	P004	107	01PB01N					
	01PB11N	P005	108	01PB11N					
	018KS1N	P006	109	018KS1N					
	014MC1N	P007	110	014MC1N					
.....J				13-042	JACK/CP				
TO SWITCHING	01PB02P	P008	014	01PB02P					
MODULE	01PB12P	P009	015	01PB12P					
APPLICATION	018KS2P	P010	016	018KS2P					
SCHEMATIC	014MC2P	P011	017	014MC2P					
	01PB02N	P008	114	01PB02N					
	01PB12N	P009	115	01PB12N					
	018KS2N	P010	116	018KS2N					
	014MC2N	P011	117	014MC2N					
.....J				13-042	JACK/CP				
TO SWITCHING	01PB03P	P012	020	01PB03P					
MODULE	01PB13P	P013	021	01PB13P					
APPLICATION	018KS3P	P014	022	018KS3P					
SCHEMATIC	014MC3P	P015	023	014MC3P					
	01PB03N	P012	120	01PB03N					
	01PB13N	P013	121	01PB13N					
	018KS3N	P014	122	018KS3N					
	014MC3N	P015	123	014MC3N					

(CONT'D)

(CONT'D)

TO CONNECTION		FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J				13-042	JACK/CP		
TO SWITCHING	01PB04P		P016	201	01PB04P		
MODULE	01PB14P		P017	202	01PB14P		
APPLICATION	018K54P		P018	203	018K54P		
SCHEMATIC	014MC4P		P019	204	014MC4P		
	01PB04N		P016	301	01PB04N		
	01PB14N		P017	302	01PB14N		
	018K54N		P018	303	018K54N		
	014MC4N		P019	304	014MC4N		
.....J				13-042	JACK/CP		
TO SWITCHING	01PB05P		P020	207	01PB05P		
MODULE	01PB15P		P021	208	01PB15P		
APPLICATION	018K55P		P022	209	018K55P		
SCHEMATIC	014MC5P		P023	210	014MC5P		
	01PB05N		P020	307	01PB05N		
	01PB15N		P021	308	01PB15N		
	018K55N		P022	309	018K55N		
	014MC5N		P023	310	014MC5N		
.....J				13-042	JACK/CP		
TO SWITCHING	01PB06P		P024	214	01PB06P		
MODULE	01PB16P		P025	215	01PB16P		
APPLICATION	018K56P		P026	216	018K56P		
SCHEMATIC	014MC6P		P027	217	014MC6P		
	01PB06N		P024	314	01PB06N		
	01PB16N		P025	315	01PB16N		
	018K56N		P026	316	018K56N		
	014MC6N		P027	317	014MC6N		
.....J				13-042	JACK/CP		
TO SWITCHING	01PB07P		P028	220	01PB07P		
MODULE	01PB17P		P029	221	01PB17P		
APPLICATION	018K57P		P030	222	018K57P		
SCHEMATIC	014MC7P		P031	223	014MC7P		
	01PB07N		P028	320	01PB07N		
	01PB17N		P029	321	01PB17N		
	018K57N		P030	322	018K57N		
	014MC7N		P031	323	014MC7N		
.....J				13-042	JACK/CP		
TO SWITCHING	01PB08P		P032	033	01PB08P		
MODULE	01PB18P		P033	034	01PB18P		
APPLICATION	018K58P		P034	035	018K58P		
SCHEMATIC	014MC8P		P035	036	014MC8P		
	01PB08N		P032	133	01PB08N		
	01PB18N		P033	134	01PB18N		
	018K58N		P034	135	018K58N		
	014MC8N		P035	136	014MC8N		
.....J				13-042	JACK/CP		
TO SWITCHING	01PB09P		P036	039	01PB09P		
MODULE	01PB19P		P037	040	01PB19P		
APPLICATION	018K59P		P038	041	018K59P		
SCHEMATIC	014MC9P		P039	042	014MC9P		
	01PB09N		P036	139	01PB09N		
	01PB19N		P037	140	01PB19N		
	018K59N		P038	141	018K59N		
	014MC9N		P039	142	014MC9N		
.....J				13-042	JACK/CP		
TO SWITCHING	01PB010P		P040	046	01PB010P		
MODULE	01PB110P		P041	047	01PB110P		
APPLICATION	018K510P		P042	048	018K510P		
SCHEMATIC	014MC10P		P043	049	014MC10P		
	01PB010N		P040	146	01PB010N		
	01PB110N		P041	147	01PB110N		
	018K510N		P042	148	018K510N		
	014MC10N		P043	149	014MC10N		

(CONT'D)

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				13-042	JACK/CP				
TO SWITCHING	01PB011P		P044	052	01PB011P				
MODULE	01PB111P		P045	053	01PB111P				
APPLICATION	018KS11P		P046	054	018KS11P				
SCHEMATIC	014MC11P		P047	055	014MC11P				
	01PB011N		P044	152	01PB011N				
	01PB111N		P045	153	01PB111N				
	018KS11N		P046	154	018KS11N				
	014MC11N		P047	155	014MC11N				
.....J				13-042	JACK/CP				
TO SWITCHING	01PB012P		P048	233	01PB012P				
MODULE	01PB112P		P049	234	01PB112P				
APPLICATION	018KS12P		P050	235	018KS12P				
SCHEMATIC	014MC12P		P051	236	014MC12P				
	01PB012N		P048	333	01PB012N				
	01PB112N		P049	334	01PB112N				
	018KS12N		P050	335	018KS12N				
	014MC12N		P051	336	014MC12N				
.....J				13-042	JACK/CP				
TO SWITCHING	01PB013P		P052	239	01PB013P				
MODULE	01PB113P		P053	240	01PB113P				
APPLICATION	018KS13P		P054	241	018KS13P				
SCHEMATIC	014MC13P		P055	242	014MC13P				
	01PB013N		P052	339	01PB013N				
	01PB113N		P053	340	01PB113N				
	018KS13N		P054	341	018KS13N				
	014MC13N		P055	342	014MC13N				
.....J				13-042	JACK/CP				
TO SWITCHING	01PB014P		P056	246	01PB014P				
MODULE	01PB114P		P057	247	01PB114P				
APPLICATION	018KS14P		P058	248	018KS14P				
SCHEMATIC	014MC14P		P059	249	014MC14P				
	01PB014N		P056	346	01PB014N				
	01PB114N		P057	347	01PB114N				
	018KS14N		P058	348	018KS14N				
	014MC14N		P059	349	014MC14N				
.....J				13-042	JACK/CP				
TO SWITCHING	01PB015P		P060	252	01PB015P				
MODULE	01PB115P		P061	253	01PB115P				
APPLICATION	018KS15P		P062	254	018KS15P				
SCHEMATIC	014MC15P		P063	255	014MC15P				
	01PB015N		P060	352	01PB015N				
	01PB115N		P061	353	01PB115N				
	018KS15N		P062	354	018KS15N				
	014MC15N		P063	355	014MC15N				

TIME SLOT INTERCHANGER UNIT,
MODEL 2

AT&T
BELL LABORATORIES

ONG SIZE
Q

ISSUE
11B

SD-5D045-01

GB16

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CAD 015										CAD 015										CAD 015										
PERIPHERAL INTERFACE DATA BUS 11										(CONT'D)										(CONT'D)										
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					
TO SWITCHING	11PB00P	P000	001	11PB00P						TO SWITCHING	11PB07P	P028	220	11PB07P							TO SWITCHING	11PB014P	P056	246	11PB014P					
MODULE	11PB10P	P001	002	11PB10P						MODULE	11PB17P	P029	221	11PB17P							MODULE	11PB114P	P057	247	11PB114P					
APPLICATION	11KS00P	P002	003	11KS00P						APPLICATION	11KS07P	P030	222	11KS07P							APPLICATION	11KS114P	P058	248	11KS114P					
SCHEMATIC	114MC0P	P003	004	114MC0P						SCHEMATIC	114MC7P	P031	223	114MC7P							SCHEMATIC	114MC14P	P059	249	114MC14P					
	11PB00N	P000	101	11PB00N							11PB07N	P028	320	11PB07N								11PB014N	P056	346	11PB014N					
	11PB10N	P001	102	11PB10N							11PB17N	P029	321	11PB17N								11PB114N	P057	347	11PB114N					
	11KS00N	P002	103	11KS00N							11KS07N	P030	322	11KS07N								11KS114N	P058	348	11KS114N					
	114MC0N	P003	104	114MC0N							114MC7N	P031	323	114MC7N								114MC14N	P059	349	114MC14N					
J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					
TO SWITCHING	11PB01P	P004	007	11PB01P						TO SWITCHING	11PB08P	P032	033	11PB08P							TO SWITCHING	11PB015P	P060	252	11PB015P					
MODULE	11PB11P	P005	008	11PB11P						MODULE	11PB18P	P033	034	11PB18P							MODULE	11PB115P	P061	253	11PB115P					
APPLICATION	11KS01P	P006	009	11KS01P						APPLICATION	11KS08P	P034	035	11KS08P							APPLICATION	11KS115P	P062	254	11KS115P					
SCHEMATIC	114MC1P	P007	010	114MC1P						SCHEMATIC	114MC8P	P035	036	114MC8P							SCHEMATIC	114MC15P	P063	255	114MC15P					
	11PB01N	P004	107	11PB01N							11PB08N	P032	133	11PB08N								11PB015N	P060	352	11PB015N					
	11PB11N	P005	108	11PB11N							11PB18N	P033	134	11PB18N								11PB115N	P061	353	11PB115N					
	11KS01N	P006	109	11KS01N							11KS08N	P034	135	11KS08N								11KS115N	P062	354	11KS115N					
	114MC1N	P007	110	114MC1N							114MC8N	P035	136	114MC8N								114MC15N	P063	355	114MC15N					
J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					
TO SWITCHING	11PB02P	P008	014	11PB02P						TO SWITCHING	11PB09P	P036	039	11PB09P							TO SWITCHING	00PB00P	P000	001	00PB00P					
MODULE	11PB12P	P009	015	11PB12P						MODULE	11PB19P	P037	040	11PB19P							MODULE	00PB10P	P001	002	00PB10P					
APPLICATION	11KS02P	P010	016	11KS02P						APPLICATION	11KS19P	P038	041	11KS19P							APPLICATION	00KS00P	P002	003	00KS00P					
SCHEMATIC	114MC2P	P011	017	114MC2P						SCHEMATIC	114MC9P	P039	042	114MC9P							SCHEMATIC	004MC0P	P003	004	004MC0P					
	11PB02N	P008	114	11PB02N							11PB09N	P036	139	11PB09N								00PB00N	P000	101	00PB00N					
	11PB12N	P009	115	11PB12N							11PB19N	P037	140	11PB19N								00PB10N	P001	102	00PB10N					
	11KS02N	P010	116	11KS02N							11KS19N	P038	141	11KS19N								00KS00N	P002	103	00KS00N					
	114MC2N	P011	117	114MC2N							114MC9N	P039	142	114MC9N								004MC0N	P003	104	004MC0N					
J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					
TO SWITCHING	11PB03P	P012	020	11PB03P						TO SWITCHING	11PB010P	P040	046	11PB010P							TO SWITCHING	00PB01P	P004	007	00PB01P					
MODULE	11PB13P	P013	021	11PB13P						MODULE	11PB110P	P041	047	11PB110P							MODULE	00PB11P	P005	008	00PB11P					
APPLICATION	11KS03P	P014	022	11KS03P						APPLICATION	11KS110P	P042	048	11KS110P							APPLICATION	00KS01P	P006	009	00KS01P					
SCHEMATIC	114MC3P	P015	023	114MC3P						SCHEMATIC	114MC10P	P043	049	114MC10P							SCHEMATIC	004MC1P	P007	010	004MC1P					
	11PB03N	P012	120	11PB03N							11PB110N	P040	146	11PB110N								00PB01N	P004	107	00PB01N					
	11PB13N	P013	121	11PB13N							11KS110N	P041	147	11KS110N								00PB11N	P005	108	00PB11N					
	11KS03N	P014	122	11KS03N							114MC10N	P042	148	114MC10N								00KS01N	P006	109	00KS01N					
	114MC3N	P015	123	114MC3N																		004MC1N	P007	110	004MC1N					
J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					
TO SWITCHING	11PB04P	P016	201	11PB04P						TO SWITCHING	11PB011P	P044	052	11PB011P							TO SWITCHING	00PB01P	P004	007	00PB01P					
MODULE	11PB14P	P017	202	11PB14P						MODULE	11PB111P	P045	053	11PB111P							MODULE	00PB11P	P005	008	00PB11P					
APPLICATION	11KS04P	P018	203	11KS04P						APPLICATION	11KS111P	P046	054	11KS111P							APPLICATION	00KS01P	P006	009	00KS01P					
SCHEMATIC	114MC4P	P019	204	114MC4P						SCHEMATIC	114MC11P	P047	055	114MC11P							SCHEMATIC	004MC1P	P007	010	004MC1P					
	11PB04N	P016	301	11PB04N							11PB011N	P044	152	11PB011N								00PB01N	P004	107	00PB01N					
	11PB14N	P017	302	11PB14N							11PB111N	P045	153	11PB111N								00PB11N	P005	108	00PB11N					
	11KS04N	P018	303	11KS04N							11KS111N	P046	154	11KS111N								00KS01N	P006	109	00KS01N					
	114MC4N	P019	304	114MC4N							114MC11N	P047	155	114MC11N								004MC1N	P007	110	004MC1N					
J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					J 13-142 JACK/CP					
TO SWITCHING	11PB05P	P020	207	11PB05P						TO SWITCHING	11PB012P	P048	233	11PB012P							TO SWITCHING	00PB02P	P008	014	00PB02P					
MODULE	11PB15P	P021	208	11PB15P						MODULE	11PB112P	P049	234	11PB112P							MODULE	00PB12P	P009	015	00PB12P					
APPLICATION	11KS05P	P022	209	11KS05P						APPLICATION	11KS112P	P050	235	11KS112P							APPLICATION	00KS02P	P010	016	00KS02P					

CAD 016 (CONT'D)										CAD 016 (CONT'D)										CAD 017 PERIPHERAL INTERFACE DATA BUS 10																													
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION																								
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE																				
.....J					13-032					JACK/CP					J					13-032					JACK/CP					J					13-152					JACK/CP					J				
TO SWITCHING	00PB03P		P012	020	00PB03P					TO SWITCHING	00PB010P		P040	046	00PB010P						TO SWITCHING	10PB00P		P000	001	10PB00P						TO SWITCHING	10PB01P		P004	007	10PB01P												
MODULE	00PB13P		P013	021	00PB13P					MODULE	00PB110P		P041	047	00PB110P						MODULE	10PB10P		P001	002	10PB10P						MODULE	10PB11P		P005	008	10PB11P												
APPLICATION	008KS3P		P014	022	008KS3P					APPLICATION	008KS10P		P042	048	008KS10P						APPLICATION	108KS0P		P002	003	108KS0P						APPLICATION	108KS1P		P006	009	108KS1P												
SCHEMATIC	004MC3P		P015	023	004MC3P					SCHEMATIC	004MC10P		P043	049	004MC10P						SCHEMATIC	104MC0P		P003	004	104MC0P						SCHEMATIC	104MC1P		P007	010	104MC1P												
	00PB03N		P012	120	00PB03N						00PB010N		P040	146	00PB010N							10PB00N		P000	101	10PB00N							10PB01N		P004	107	10PB01N												
	00PB13N		P013	121	00PB13N						00PB110N		P041	147	00PB110N							10PB10N		P001	102	10PB10N							10PB11N		P005	108	10PB11N												
	008KS3N		P014	122	008KS3N						008KS10N		P042	148	008KS10N							108KS0N		P002	103	108KS0N							108KS1N		P006	109	108KS1N												
	004MC3N		P015	123	004MC3N						004MC10N		P043	149	004MC10N							104MC0N		P003	104	104MC0N							104MC1N		P007	110	104MC1N												
.....J					13-032					JACK/CP					J					13-032					JACK/CP					J					13-152					JACK/CP					J				
TO SWITCHING	00PB04P		P016	201	00PB04P					TO SWITCHING	00PB011P		P044	052	00PB011P						TO SWITCHING	10PB01P		P004	007	10PB01P						TO SWITCHING	10PB01P		P004	007	10PB01P												
MODULE	00PB14P		P017	202	00PB14P					MODULE	00PB111P		P045	053	00PB111P						MODULE	10PB11P		P005	008	10PB11P						MODULE	10PB11P		P005	008	10PB11P												
APPLICATION	008KS4P		P018	203	008KS4P					APPLICATION	008KS11P		P046	054	008KS11P						APPLICATION	108KS1P		P006	009	108KS1P						APPLICATION	108KS1P		P006	009	108KS1P												
SCHEMATIC	004MC4P		P019	204	004MC4P					SCHEMATIC	004MC11P		P047	055	004MC11P						SCHEMATIC	104MC1P		P007	010	104MC1P						SCHEMATIC	104MC1P		P007	010	104MC1P												
	00PB04N		P016	301	00PB04N						00PB011N		P044	152	00PB011N							10PB01N		P004	107	10PB01N							10PB01N		P004	107	10PB01N												
	00PB14N		P017	302	00PB14N						00PB111N		P045	153	00PB111N							10PB11N		P005	108	10PB11N							10PB11N		P005	108	10PB11N												
	008KS4N		P018	303	008KS4N						008KS11N		P046	154	008KS11N							108KS1N		P006	109	108KS1N							108KS1N		P006	109	108KS1N												
	004MC4N		P019	304	004MC4N						004MC11N		P047	155	004MC11N							104MC1N		P007	110	104MC1N							104MC1N		P007	110	104MC1N												
.....J					13-032					JACK/CP					J					13-032					JACK/CP					J					13-152					JACK/CP					J				
TO SWITCHING	00PB05P		P020	207	00PB05P					TO SWITCHING	00PB012P		P048	233	00PB012P						TO SWITCHING	10PB02P		P008	014	10PB02P						TO SWITCHING	10PB02P		P008	014	10PB02P												
MODULE	00PB15P		P021	208	00PB15P					MODULE	00PB112P		P049	234	00PB112P						MODULE	10PB12P		P009	015	10PB12P						MODULE	10PB12P		P009	015	10PB12P												
APPLICATION	008KS5P		P022	209	008KS5P					APPLICATION	008KS12P		P050	235	008KS12P						APPLICATION	108KS2P		P010	016	108KS2P						APPLICATION	108KS2P		P010	016	108KS2P												
SCHEMATIC	004MC5P		P023	210	004MC5P					SCHEMATIC	004MC12P		P051	236	004MC12P						SCHEMATIC	104MC2P		P011	017	104MC2P						SCHEMATIC	104MC2P		P011	017	104MC2P												
	00PB05N		P020	307	00PB05N						00PB012N		P048	333	00PB012N							10PB02N		P008	114	10PB02N							10PB02N		P008	114	10PB02N												
	00PB15N		P021	308	00PB15N						00PB112N		P049	334	00PB112N							10PB12N		P009	115	10PB12N							10PB12N		P009	115	10PB12N												
	008KS5N		P022	309	008KS5N						008KS12N		P050	335	008KS12N							108KS2N		P010	116	108KS2N							108KS2N		P010	116	108KS2N												
	004MC5N		P023	310	004MC5N						004MC12N		P051	336	004MC12N							104MC2N		P011	117	104MC2N							104MC2N		P011	117	104MC2N												
.....J					13-032					JACK/CP					J					13-032					JACK/CP					J					13-152					JACK/CP					J				
TO SWITCHING	00PB06P		P024	214	00PB06P					TO SWITCHING	00PB013P		P052	239	00PB013P						TO SWITCHING	10PB03P		P012	020	10PB03P						TO SWITCHING	10PB03P		P012	020	10PB03P												
MODULE	00PB16P		P025	215	00PB16P					MODULE	00PB113P		P053	240	00PB113P						MODULE	10PB13P		P013	021	10PB13P						MODULE	10PB13P</																

CAD 017 (CONT'D)										CAD 017 (CONT'D)										CAD 018 (CONT'D)									
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
TO SWITCHING MODULE APPLICATION SCHEMATIC										TO SWITCHING MODULE APPLICATION SCHEMATIC										TO SWITCHING MODULE APPLICATION SCHEMATIC									
13-152 JACK/CP										13-152 JACK/CP										04-018 JACK/CP									
10PB06P 10PB16P 10KS6P 104MC6P										10PB013P 10PB113P 10KS13P 104MC13P										00005N 00105N NC 001NT5P 0055P 00C5P 00005P 00105P									
10PB06N 10PB16N 10KS6N 104MC6N										10PB113N 10KS13N 104MC13N										00105N 001NT5P 0055P 00C5P 00005P 00105P									
10PB07P 10PB17P 10KS7P 104MC7P										10PB014P 10PB114P 10KS14P 104MC14P										04-018 JACK/CP									
10PB07N 10PB17N 10KS7N 104MC7N										10PB014N 10PB114N 10KS14N 104MC14N										00105N 001NT5P 0055P 00C5P 00005P 00105P									
10PB08P 10PB18P 10KS8P 104MC8P										10PB015P 10PB115P 10KS15P 104MC15P										04-018 JACK/CP									
10PB08N 10PB18N 10KS8N 104MC8N										10PB015N 10PB115N 10KS15N 104MC15N										00105N 001NT5P 0055P 00C5P 00005P 00105P									
10PB09P 10PB19P 10KS9P 104MC9P										10PB016P 10PB116P 10KS16P 104MC16P										04-018 JACK/CP									
10PB09N 10PB19N 10KS9N 104MC9N										10PB016N 10PB116N 10KS16N 104MC16N										00105N 001NT5P 0055P 00C5P 00005P 00105P									
10PB10P 10PB110P 10KS10P 104MC10P										10PB017P 10PB117P 10KS17P 104MC17P										04-018 JACK/CP									
10PB10N 10PB110N 10KS10N 104MC10N										10PB017N 10PB117N 10KS17N 104MC17N										00105N 001NT5P 0055P 00C5P 00005P 00105P									
10PB11P 10PB111P 10KS11P 104MC11P										10PB018P 10PB118P 10KS18P 104MC18P										04-018 JACK/CP									
10PB11N 10PB111N 10KS11N 104MC11N										10PB018N 10PB118N 10KS18N 104MC18N										00105N 001NT5P 0055P 00C5P 00005P 00105P									
10PB12P 10PB112P 10KS12P 104MC12P										10PB019P 10PB119P 10KS19P 104MC19P										04-018 JACK/CP									
10PB12N 10PB112N 10KS12N 104MC12N										10PB019N 10PB119N 10KS19N 104MC19N										00105N 001NT5P 0055P 00C5P 00005P 00105P									

CAD 018
PERIPHERAL INTERFACE CONTROL BUS 00

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
TO SWITCHING MODULE APPLICATION SCHEMATIC									
04-018 JACK/CP									
00005N 00105N NC 001NT5P 0055P 00C5P 00005P 00105P									
00105N 001NT5P 0055P 00C5P 00005P 00105P									
04-018 JACK/CP									
00105N 001NT5P 0055P 00C5P 00005P 00105P									
04-018 JACK/CP									
00105N 001NT5P 0055P 00C5P 00005P 00105P									
04-018 JACK/CP									
00105N 001NT5P 0055P 00C5P 00005P 00105P									

CAD 018
PERIPHERAL INTERFACE CONTROL BUS 00

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
TO SWITCHING MODULE APPLICATION SCHEMATIC									
04-018 JACK/CP									
00005N 00105N NC 001NT5P 0055P 00C5P 00005P 00105P									
00105N 001NT5P 0055P 00C5P 00005P 00105P									
04-018 JACK/CP									
00105N 001NT5P 0055P 00C5P 00005P 00105P									
04-018 JACK/CP									
00105N 001NT5P 0055P 00C5P 00005P 00105P									
04-018 JACK/CP									
00105N 001NT5P 0055P 00C5P 00005P 00105P									

CAD 018
PERIPHERAL INTERFACE CONTROL BUS 00

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
TO SWITCHING MODULE APPLICATION SCHEMATIC									
04-018 JACK/CP									
00005N 00105N NC 001NT5P 0055P 00C5P 00005P 00105P									
00105N 001NT5P 0055P 00C5P 00005P 00105P									
04-018 JACK/CP									
00105N 001NT5P 0055P 00C5P 00005P 00105P									
04-018 JACK/CP									
00105N 001NT5P 0055P 00C5P 00005P 00105P									
04-018 JACK/CP									
00105N 001NT5P 0055P 00C5P 00005P 00105P									

CAD 018
PERIPHERAL INTERFACE CONTROL BUS 00

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
TO SWITCHING MODULE APPLICATION SCHEMATIC									
04-018 JACK/CP									
00005N 00105N NC 001NT5P 0055P 00C5P 00005P 00105P									
00105N 001NT5P 0055P 00C5P 00005P 00105P									
04-018 JACK/CP									
00105N 001NT5P 0055P 00C5P 00005P 00105P									
04-018 JACK/CP									
00105N 001NT5P 0055P 00C5P 00005P 00105P									
04									

[illegible]

CAD 018 (CONT'D)										CAD 019 (CONT'D)										CAD 019 (CONT'D)																													
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION																								
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE																				
.....J					04-018 JACK/CP					J					04-164 (CONT'D) JACK/CP					J					04-164 JACK/CP																								
TO SWITCHING	NC			445	GRD04018					MODULE	10S5P		P014	115	10S5P					TO SWITCHING	NC			200	GRD04164																								
MODULE	GRD04018		P127	446	00S17N					APPLICATION	10C5P		P015	116	10C5P					MODULE	GRD04164		P049	201	10S15N																								
APPLICATION	00S17N		P128	447	00C17N					SCHEMATIC	10005P		P016	117	10005P					APPLICATION	10S15N		P050	202	10C15N																								
SCHEMATIC	00C17N		P129	448	00D017N					I	10105P		P017	118	10105P					SCHEMATIC	10C15N		P051	203	10D15N																								
I	00D017N		P130	449	00I017N															I	10D15N		P052	204	100015N																								
	00I017N		P131	450	00O17P																10I015N		P053	205	100015P																								
	NC			545																	NC			300																									
TO SWITCHING	00INT17P		P127	546	00S17P					J				04-164 JACK/CP						TO SWITCHING	10INT15P		P049	301	10INT15P																								
MODULE	00S17P		P128	547	00C17P					MODULE	GRD04164		P019	020	GRD04164					MODULE	10S15P		P050	302	10S15P																								
APPLICATION	00C17P		P129	548	00D017P					APPLICATION	10S4N		P020	021	10S4N					APPLICATION	10C15P		P051	303	10C15P																								
SCHEMATIC	00D017P		P130	549	00I017P					SCHEMATIC	10C4N		P021	022	10C4N					SCHEMATIC	100015P		P052	304	100015P																								
I	00I017P		P131	550	00O17P					I	10004N		P022	023	10004N					I	10I015P		P053	305	10I015P																								
											10104N		P023	024	10104N																																		
											NC			119							NC			306																									
TO SWITCHING	GRD04018		P133	452	00S16N					TO SWITCHING	10INT4P		P019	120	10INT4P					TO SWITCHING	10INT14P		P055	307	10INT14P																								
MODULE	00S16N		P134	453	00C16N					MODULE	10S4P		P020	121	10S4P					MODULE	10S14P		P056	308	10S14P																								
APPLICATION	00C16N		P135	454	00D016N					APPLICATION	10C4P		P021	122	10C4P					APPLICATION	10C14P		P057	309	10C14P																								
SCHEMATIC	00D016N		P136	455	00I016N					SCHEMATIC	10004P		P022	123	10004P					SCHEMATIC	100014N		P058	210	100014N																								
I	00I016N		P137	456	00O16P					I	10104P		P023	124	10104P					I	10I014N		P059	211	10I014N																								
	NC			551																	NC			306																									
TO SWITCHING	00INT16P		P133	552	00S16P					J				04-164 JACK/CP						TO SWITCHING	10INT14P		P055	307	10INT14P																								
MODULE	00S16P		P134	553	00C16P					MODULE	GRD04164		P025	033	GRD04164					MODULE	10S14P		P056	308	10S14P																								
APPLICATION	00C16P		P135	554	00D016P					APPLICATION	10S3N		P026	034	10S3N					APPLICATION	10C14P		P057	309	10C14P																								
SCHEMATIC	00D016P		P136	555	00I016P					SCHEMATIC	10C3N		P027	035	10C3N					SCHEMATIC	100014P		P058	310	100014P																								
I	00I016P		P137	556	00O16P					I	10103N		P028	036	10103N					I	10I014P		P059	311	10I014P																								
											NC			132							NC			312																									
											TO SWITCHING	10INT3P		P025	133	10INT3P					TO SWITCHING	10INT13P		P061	213	10INT13P																							
											MODULE	10S3P		P026	134	10S3P					MODULE	10S13P		P062	214	10S13P																							
											APPLICATION	10C3P		P027	135	10C3P					APPLICATION	10C13P		P063	215	10C13P																							
											SCHEMATIC	10003P		P028	136	10003P					SCHEMATIC	100013N		P064	216	100013N																							
											I	10103P		P029	137	10103P					I	10I013N		P065	217	10I013N																							
CAD 019 PERIPHERAL INTERFACE CONTROL BUS 10										J										04-164 JACK/CP										J										04-164 JACK/CP									
TO SWITCHING	NC			000	GRD04164					TO SWITCHING	NC			038	GRD04164					TO SWITCHING	NC			213	GRD04164																								
MODULE	GRD04164		P001	001	10S7N					MODULE	GRD04164		P031	039	GRD04164					MODULE	10S13N		P061	214	10S13N																								
APPLICATION	10S7N		P002	002	10C7N					APPLICATION	10S2N		P032	040	10S2N					APPLICATION	10C13N		P062	215	10C13N																								
SCHEMATIC	10C7N		P003	003	10D7N					SCHEMATIC	10C2N		P033	041	10C2N					SCHEMATIC	100013N		P063	216	100013N																								
I	10D7N		P004	004	10O7P					I	10002N		P034	042	10002N					I	10I013N		P064	217	10I013N																								
	NC		P005	005	10I07P						10102N		P035	043	10102N																																		
TO SWITCHING	10INT7P		P001	101	10S7P					TO SWITCHING	10INT2P		P031	139	10INT2P					TO SWITCHING	10INT13P		P061	314	10INT13P																								
MODULE	10S7P		P002	102	10C7P					MODULE	10S2P		P032	140	10S2P					MODULE	10S13P		P062	315	10S13P																								
APPLICATION	10C7P		P003	103	10D7P					APPLICATION	10C2P		P033																																				

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DESTINATION	LEAD DESIG	METHOD	WIPE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIPE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIPE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
J 04-010 JACK/CP										J 04-010 (CONT'D) JACK/CP										J 04-010 (CONT'D) JACK/CP										
TO SWITCHING	NC			019	GRD04010					I	011D15N		P053	205	011D15N					APPLICATION	01C10P		P081	341	01C10P					
MODULE	GRD04010		P019	020						TO SWITCHING	NC			309	011D15N						SCHEMATIC	010010P		P082	342	010010P				
APPLICATION	01S4N		P020	021	01S4N					MODULE	01INT15P		P049	301	01INT15P						I	011D10P		P083	343	011D10P				
SCHEMATIC	01C4N		P021	022	01C4N					APPLICATION	01S15P		P050	302	01S15P															
	01004N		P022	023	01004N					SCHEMATIC	01C15P		P051	303	01C15P															
	011D4N		P023	024	011D4N						010015P		P052	304	010015P															
	NC			119							011D15P		P053	305	011D15P															
TO SWITCHING	01INT4P		P019	120	01INT4P					J 04-010 JACK/CP										J 04-010 JACK/CP										
MODULE	01S4P		P020	121	01S4P					TO SWITCHING	NC			206	GRD04010						TO SWITCHING	NC			245	GRD04010				
APPLICATION	01C4P		P021	122	01C4P					MODULE	GRD04010		P055	207							MODULE	GRD04010		P085	246					
SCHEMATIC	01004P		P022	123	01004P					APPLICATION	01S14N		P056	208	01S14N						APPLICATION	01S9N		P086	247	01S9N				
	011D4P		P023	124	011D4P					SCHEMATIC	01C14N		P057	209	01C14N						SCHEMATIC	01C9N		P087	248	01C9N				
											010014N		P058	210	010014N						I	01009N		P088	249	01009N				
											011D14N		P059	211	011D14N							NC		P089	250	011D9N				
											NC			306							TO SWITCHING	01INT9P		P085	346	01INT9P				
											01INT14P		P055	307	01INT14P						MODULE	01S9P		P086	347	01S9P				
											01S14P		P056	308	01S14P						APPLICATION	01C9P		P087	348	01C9P				
											01C14P		P057	309	01C14P						SCHEMATIC	01009P		P088	349	01009P				
											010014P		P058	310	010014P						I	011D9P		P089	350	011D9P				
											011D14P		P059	311	011D14P															
J 04-010 JACK/CP										J 04-010 JACK/CP										J 04-010 JACK/CP										
TO SWITCHING	NC			032	GRD04010					TO SWITCHING	NC			206	GRD04010						TO SWITCHING	NC			251	GRD04010				
MODULE	GRD04010		P025	033						MODULE	GRD04010		P061	214							MODULE	GRD04010		P091	252					
APPLICATION	01S3N		P026	034	01S3N					APPLICATION	01S13N		P062	215	01S13N						APPLICATION	01S8N		P092	253	01S8N				
SCHEMATIC	01C3N		P027	035	01C3N					SCHEMATIC	01C13N		P063	216	01C13N						SCHEMATIC	01C8N		P093	254	01C8N				
	01003N		P028	036	01003N						010013N		P064	217	010013N						I	01008N		P094	255	01008N				
	011D3N		P029	037	011D3N						011D13N		P065	218	011D13N							011D8N		P095	256	011D8N				
	NC			132							NC			313							NC			351						
TO SWITCHING	01INT3P		P025	133	01INT3P						01INT13P		P061	314	01INT13P						TO SWITCHING	01INT8P		P091	352	01INT8P				
MODULE	01S3P		P026	134	01S3P						01S13P		P062	315	01S13P						MODULE	01S8P		P092	353	01S8P				
APPLICATION	01C3P		P027	135	01C3P						01C13P		P063	316	01C13P						APPLICATION	01C8P		P093	354	01C8P				
SCHEMATIC	01003P		P028	136	01003P						010013P		P064	317	010013P						SCHEMATIC	01008P		P094	355	01008P				
	011D3P		P029	137	011D3P						011D13P		P065	318	011D13P						I	011D8P		P095	356	011D8P				
J 04-010 JACK/CP										J 04-010 JACK/CP										J 04-010 JACK/CP										
TO SWITCHING	NC			038	GRD04010					TO SWITCHING	NC			213	GRD04010						TO SWITCHING	NC			406	GRD04010				
MODULE	GRD04010		P031	039						MODULE	GRD04010		P067	220							MODULE	GRD04010		P097	407					
APPLICATION	01S2N		P032	040	01S2N					APPLICATION	01S12N		P068	221	01S12N						APPLICATION	01S22N		P098	408	01S22N				
SCHEMATIC	01C2N		P033	041	01C2N					SCHEMATIC	01C12N		P069	222	01C12N						SCHEMATIC	01C22N		P099	409	01C22N				
	01002N		P034	042	01002N						010012N		P070	223	010012N						I	010022N		P100	410	010022N				
	011D2N		P035	043	011D2N						011D12N		P071	224	011D12N							011D22N		P101	411	011D22N				
	NC			138							NC			319							NC			506						
TO SWITCHING	01INT2P		P031	139	01INT2P						01INT12P		P067	320	01INT12P						TO SWITCHING	01INT22P		P097	507	01INT22P				
MODULE	01S2P		P032	140	01S2P						01S12P		P068	321	01S12P						MODULE	01S22P		P098	508	01S22P				
APPLICATION	01C2P		P033	141	01C2P						01C12P		P069	322	01C12P						APPLICATION	01C22P		P099	509	01C22P				
SCHEMATIC	01002P		P034	142	01002P						010012P		P070	323	010012P						SCHEMATIC	010022P		P100	510	010022P				
	011D2P		P035	143	011D2P						011D12P		P071	324	011D12P						I	011D22P		P101	511	011D22P				
J 04-010 JACK/CP										J 04-010 JACK/CP										J 04-010 JACK/CP										
TO SWITCHING	NC			045	GRD04010					TO SWITCHING	NC			219	GRD04010						TO SWITCHING	NC			413	GRD04010				
MODULE	GRD04010		P037	046						MODULE	GRD04010		P067	220							MODULE	GRD04010		P103	414					
APPLICATION	01S1N		P038	047	01S1N																									

CAD 020 (CONT'D)										CAD 021 PERIPHERAL INTERFACE CONTROL BUS 11										CAD 021 (CONT'D)										
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
J 04-010 JACK/CP										J 04-172 JACK/CP										J 04-172 (CONT'D) JACK/CP										
TO SWITCHING	NC			419	GRD04010					TO SWITCHING	NC			000	GRD04172						TO SWITCHING	NC			043	11D2N				
MODULE	GRD04010	P109		420	01S20N					MODULE	GRD04172	P001		001	11S7N						MODULE	11D2N	P035		138	11INT2P				
APPLICATION	01S20N	P110		421	01C20N					APPLICATION	11S7N	P002		002	11C7N						APPLICATION	11S2P	P031		139	11C2P				
SCHEMATIC	01C20N	P111		422	01D20N					SCHEMATIC	11C7N	P003		003	11D7N						SCHEMATIC	11C2P	P032		140	11D2P				
	01D20N	P112		423	01D20N							P004		004									P033		141	11C2P				
	01D20N	P113		424	01D20N							P005		005									P034		142	11D2P				
TO SWITCHING	NC			519	01INT20P					TO SWITCHING	NC			100	11INT7P								P035		143	11D2P				
MODULE	01INT20P	P109		520	01S20P					MODULE	11INT7P	P001		101	11S7P															
APPLICATION	01S20P	P110		521	01C20P					APPLICATION	11S7P	P002		102	11C7P															
SCHEMATIC	01C20P	P111		522	01D20P					SCHEMATIC	11C7P	P003		103	11D7P															
	01D20P	P112		523	01D20P							P004		104																
	01D20P	P113		524	01D20P							P005		105																
J 04-010 JACK/CP										J 04-172 JACK/CP										J 04-172 JACK/CP										
TO SWITCHING	NC			432	GRD04010					TO SWITCHING	NC			006	GRD04172						TO SWITCHING	NC			045	11D2N				
MODULE	GRD04010	P115		433	01S19N					MODULE	GRD04172	P007		007	11S6N						MODULE	11S1N	P037		046	11INT2P				
APPLICATION	01S19N	P116		434	01C19N					APPLICATION	11S6N	P008		008	11C6N						APPLICATION	11S1N	P038		047	11C2P				
SCHEMATIC	01C19N	P117		435	01D19N					SCHEMATIC	11C6N	P009		009	11D6N						SCHEMATIC	11C1N	P039		048	11D1N				
	01D19N	P118		436	01D19N							P010		010									P040		049	11D1N				
	01D19N	P119		437	01D19N							P011		011									P041		050	11D1N				
TO SWITCHING	NC			532	01INT19P					TO SWITCHING	NC			106	11INT6P															
MODULE	01INT19P	P115		533	01S19P					MODULE	11INT6P	P007		107	11S6P															
APPLICATION	01S19P	P116		534	01C19P					APPLICATION	11S6P	P008		108	11C6P															
SCHEMATIC	01C19P	P117		535	01D19P					SCHEMATIC	11C6P	P009		109	11D6P															
	01D19P	P118		536	01D19P							P010		110																
	01D19P	P119		537	01D19P							P011		111																
J 04-010 JACK/CP										J 04-172 JACK/CP										J 04-172 JACK/CP										
TO SWITCHING	NC			438	GRD04010					TO SWITCHING	NC			013	GRD04172						TO SWITCHING	NC			051	11D2N				
MODULE	GRD04010	P121		439	01S18N					MODULE	GRD04172	P013		014	11S5N						MODULE	11S0N	P043		052	11INT0P				
APPLICATION	01S18N	P122		440	01C18N					APPLICATION	11S5N	P014		015	11C5N						APPLICATION	11S0N	P044		053	11C0P				
SCHEMATIC	01C18N	P123		441	01D18N					SCHEMATIC	11C5N	P015		016	11D5N						SCHEMATIC	11C0N	P045		054	11D0N				
	01D18N	P124		442	01D18N							P016		017									P046		055	11D0N				
	01D18N	P125		443	01D18N							P017		018									P047		056	11D0N				
TO SWITCHING	NC			538	01INT18P					TO SWITCHING	NC			113	11INT5P															
MODULE	01INT18P	P121		539	01S18P					MODULE	11INT5P	P013		114	11S5P															
APPLICATION	01S18P	P122		540	01C18P					APPLICATION	11S5P	P014		115	11C5P															
SCHEMATIC	01C18P	P123		541	01D18P					SCHEMATIC	11C5P	P015		116	11D5P															
	01D18P	P124		542	01D18P							P016		117																
	01D18P	P125		543	01D18P							P017		118																
J 04-010 JACK/CP										J 04-172 JACK/CP										J 04-172 JACK/CP										
TO SWITCHING	NC			445	GRD04010					TO SWITCHING	NC			019	GRD04172						TO SWITCHING	NC			200	11D2N				
MODULE	GRD04010	P127		446	01S17N					MODULE	GRD04172	P019		020	11S4N						MODULE	11S1N	P049		201	11INT15P				
APPLICATION	01S17N	P128		447	01C17N					APPLICATION	11S4N	P020		021	11C4N						APPLICATION	11S1N	P050		202	11C15P				
SCHEMATIC	01C17N	P129		448	01D17N					SCHEMATIC	11C4N	P021		022	11D4N						SCHEMATIC	11C15N	P051		203	11D15N				
	01D17N	P130		449	01D17N							P022		023									P052		204	11D15N				
	01D17N	P131		450	01D17N							P023		024									P053		205	11D15N				
TO SWITCHING	NC			545	01INT17P					TO SWITCHING	NC			119	11INT4P															
MODULE	01INT17P	P127		546	01S17P					MODULE	11INT4P	P019		120	11S4P															
APPLICATION	01S17P	P128		547	01C17P					APPLICATION	11S4P	P020		121	11C4P															
SCHEMATIC	01C17P	P129		548	01D17P					SCHEMATIC	11C4P	P021		122	11D4P															
	01D17P	P130		549	01D17P							P022		123																
	01D17P	P131		550	01D17P							P023		124																
J 04-010 JACK/CP																														

CAD 021 (CONT'D)										CAD 021 (CONT'D)										CAD 021 (CONT'D)									
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE

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TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				04-066	JACK/TF				
				(CONT'D)					
	GRD04060		P041	018	GRD04060				
	GRD04060		P042	019	GRD04060				
	GRD04060		P043	020	GRD04060				
	GRD04060		P044	021	GRD04060				
	GRD04060		P045	022	GRD04060				
	GRD04060		P046	023	GRD04060				
	GRD04060		P047	024	GRD04060				
.....J				04-067	JACK/TF				
TO SWITCHING	OSUARO		P036	013	OSUARO	04-060	CP	010	
MODULE	SPARE049		P037	014	SPARE049				
PROCESSOR UNIT,	OSU050		P038	015	OSU050	04-060	CP	011	
MODEL 2	OSU0PH		P039	016	OSU0PH	04-060	CP	011	
	OSU015		P040	017	OSU015	04-060	CP	013	
	OSU014		P041	018	OSU014	04-060	CP	014	
	OSU013		P042	019	OSU013	04-060	CP	015	
	OSU012		P043	020	OSU012	04-060	CP	016	
	OSU011Z		P044	021	OSU011Z	04-060	CP	017	
	OSU010Z		P045	022	OSU010Z	04-060	CP	018	
	OSU09		P046	023	OSU09	04-060	CP	019	
	OSU08		P047	024	OSU08	04-060	CP	020	
CAD 023									
SUBUNIT 1 BUS									
TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				04-120	JACK/TF				
TO SWITCHING	GRD04124		P000	000	GRD04124				
MODULE	GRD04124		P001	001	GRD04124				
PROCESSOR UNIT,	GRD04124		P002	002	GRD04124				
MODEL 2	GRD04124		P003	003	GRD04124				
	GRD04124		P004	004	GRD04124				
	GRD04124		P005	005	GRD04124				
	GRD04124		P006	006	GRD04124				
	GRD04124		P007	007	GRD04124				
	GRD04124		P008	008	GRD04124				
	GRD04124		P009	009	GRD04124				
	GRD04124		P010	010	GRD04124				
	GRD04124		P011	011	GRD04124				
.....J				04-121	JACK/TF				
TO SWITCHING	1SU3ERR0		P000	000	1SU3ERR0	04-172	CP	119	
MODULE	1SU2ERR0		P001	001	1SU2ERR0	04-164	CP	119	
PROCESSOR UNIT,	1SU1ERR0		P002	002	1SU1ERR0	04-148	CP	114	
MODEL 2	1SU4ERR0		P003	003	1SU4ERR0	13-130	TF	324	
	1SU3WTO		P004	004	1SU3WTO	04-172	CP	019	
	1SU2WTO		P005	005	1SU2WTO	04-164	CP	019	
	1SU1WTO		P006	006	1SU1WTO	04-148	CP	113	
	1SU4WTO		P007	007	1SU4WTO	13-130	TF	334	
	1SU3S0		P008	008	1SU3S0	04-172	CP	319	
	1SU2S0		P009	009	1SU2S0	04-164	CP	319	
	1SU1S0		P010	010	1SU1S0	04-148	CP	111	
	1SU4S0		P011	011	1SU4S0	13-130	TF	346	
.....J				04-120	JACK/TF				
TO SWITCHING	GRD04124		P012	013	GRD04124				
MODULE	GRD04124		P013	014	GRD04124				
PROCESSOR UNIT,	GRD04124		P014	015	GRD04124				
MODEL 2	GRD04124		P015	016	GRD04124				
	GRD04124		P016	017	GRD04124				
	GRD04124		P017	018	GRD04124				
	GRD04124		P018	019	GRD04124				
	GRD04124		P019	020	GRD04124				
	GRD04124		P020	021	GRD04124				
	GRD04124		P021	022	GRD04124				
	GRD04124		P022	023	GRD04124				
	GRD04124		P023	024	GRD04124				

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TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-121	JACK/TF				
TO SWITCHING	1SU0ERR0		P012	013	1SU0ERR0	04-124	CP	014	
MODULE	1NAE		P013	014	1NAE	04-172	CP	113	
PROCESSOR UNIT,	SPARE050		P014	015	SPARE050				
MODEL 2	SPARE051		P015	016	SPARE051				
	SPARE052		P016	017	SPARE052				
	1SUAP		P017	018	1SUAP	04-124	CP	002	
	1SUJ6		P018	019	1SUJ6	04-124	CP	003	
	1SUJ5		P019	020	1SUJ5	04-124	CP	004	
	1SUJ4		P020	021	1SUJ4	04-124	CP	005	
	1SUJ3		P021	022	1SUJ3	04-124	CP	006	
	1SUJ2		P022	023	1SUJ2	04-124	CP	007	
	1SUJ1Z		P023	024	1SUJ1Z	04-124	CP	008	
.....J				04-122	JACK/TF				
TO SWITCHING	GRD04124		P024	000	GRD04124				
MODULE	GRD04124		P025	001	GRD04124				
PROCESSOR UNIT,	GRD04124		P026	002	GRD04124				
MODEL 2	GRD04124		P027	003	GRD04124				
	GRD04124		P028	004	GRD04124				
	GRD04124		P029	005	GRD04124				
	GRD04124		P030	006	GRD04124				
	GRD04124		P031	007	GRD04124				
	GRD04124		P032	008	GRD04124				
	GRD04124		P033	009	GRD04124				
	GRD04124		P034	010	GRD04124				
	GRD04124		P035	011	GRD04124				
.....J				04-123	JACK/TF				
TO SWITCHING	1SURD0		P024	000	1SURD0	04-124	CP	009	
MODULE	SPARE053		P025	001	SPARE053				
PROCESSOR UNIT,	1SU0HT0		P026	002	1SU0HT0	04-124	CP	013	
MODEL 2	1SU0PL		P027	003	1SU0PL	04-124	CP	110	
	1SU07		P028	004	1SU07	04-124	CP	102	
	1SU06		P029	005	1SU06	04-124	CP	103	
	1SU05		P030	006	1SU05	04-124	CP	104	
	1SU04		P031	007	1SU04	04-124	CP	105	
	1SU03		P032	008	1SU03	04-124	CP	106	
	1SU02		P033	009	1SU02	04-124	CP	107	
	1SU01Z		P034	010	1SU01Z	04-124	CP	108	
	1SU00Z		P035	011	1SU00Z	04-124	CP	109	
.....J				04-122	JACK/TF				
TO SWITCHING	GRD04124		P036	013	GRD04124				
MODULE	GRD04124		P037	014	GRD04124				
PROCESSOR UNIT,	GRD04124		P038	015	GRD04124				
MODEL 2	GRD04124		P039	016	GRD04124				
	GRD04124		P040	017	GRD04124				
	GRD04124		P041	018	GRD04124				
	GRD04124		P042	019	GRD04124				
	GRD04124		P043	020	GRD04124				
	GRD04124		P044	021	GRD04124				
	GRD04124		P045	022	GRD04124				
	GRD04124		P046	023	GRD04124				
	GRD04124		P047	024	GRD04124				

DWG SIZE	ISSUE
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CAD 023 (CONT'D)										CAD 026 (CONT'D)										CAD 030 CONTROLLER 0 +5 VOLTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2					JACK/TF					JACK/CP					JACK/CP					JACK/CP					LUG																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
15U0R0	SPARE054	P036	013	013	15U0R0	04-124	CP		010	13-008 (CONT'D)					JACK/CP					10-016-080					+5V04LC0					057					+5V04LC0 04-052					CP					101																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
15U0S0	SPARE054	P037	014	014	15U0S0	04-124	CP		011	MODULE PROCESSOR UNIT, MODEL 2					OCTSTA					OCTSTA					10-022-080					+5V04LC0					457					+5V04LC0 04-052					CP					101																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
15U0PH		P038	015	015	15U0PH	04-124	CP		111	TO FUSE PANEL					P001 146					OCTSTA					10-019-080					+5V04LC0					157					+5V04LC0 04-052					CP					101																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
15U015		P039	016	016	15U015	04-124	CP		113	OCTSTA					P001 147										10-024-180					+5V04LC0					057					+5V04LC0 04-052					CP					101																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
15U014		P040	017	017	15U014	04-124	CP		114	NC					P001 148										10-031-080					+5V04LC0					357					+5V04LC0 04-052					CP					101																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
15U013		P041	018	018	15U013	04-124	CP		115	NC										TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2					10-016					LUG																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
15U012		P042	019	019	15U012	04-124	CP		116	1CALMA					13-170					CP					014					10-019					LUG																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
15U011Z		P043	020	020	15U011Z	04-124	CP		117	1CTSTA					P001 145					1CTSTA					10-022					LUG																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
15U010Z		P044	021	021	15U010Z	04-124	CP		118	1CTSTA					P001 146					1CTSTA					10-024					LUG																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
15U09		P045	022	022	15U09	04-124	CP		119	1CTSTA					P001 147					1CTSTA					10-031					LUG																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
15U08		P046	023	023	15U08	04-124	CP		120	1CTSTA					P001 148					1CTSTA					10-028-357					+5V04LC0					080					+5V04LC0 04-052					CP					101																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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	TO CONNECTION			FROM CONNECTION				OPT	NOTE
	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION		
A	J				07-164	LUG			
	10-169-080	+5V04LC1			557	+5V04LC1	04-132 CP	000	
B	J				07-164	LUG			
	10-166-080	+5V04LC1			257	+5V04LC1	04-132 CP	000	
	J				07-172	LUG			
	10-170-280	+5V04LC1			057	+5V04LC1	04-132 CP	000	
C	J				10-157	LUG			
	07-156-157	+5V04LC1			080	+5V04LC1	04-132 CP	000	
	J				10-163	LUG			
	07-163-057	+5V04LC1			080	+5V04LC1	04-132 CP	000	
D	J				10-166	LUG			
	07-164-257	+5V04LC1			080	+5V04LC1	04-132 CP	000	
	J				10-169	LUG			
	07-164-557	+5V04LC1			080	+5V04LC1	04-132 CP	000	
	J				10-170	LUG			
	07-172-057	+5V04LC1			280	+5V04LC1	04-132 CP	000	

TO CONNECTION			FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-056	TF				
NC				012	GRD04052				
NC				013	GRD04052				
NC				014	GRD04052				
NC				015	GRD04052				
NC				016	GRD04052				
NC				017	GRD04052				
NC				018	GRD04052				
NC				019	GRD04052				
NC				020	GRD04052				
NC				021	GRD04052				
NC				022	GRD04052				
NC				023	GRD04052				
NC				024	GRD04052				
NC				032	GRD04052				
NC				033	GRD04052				
NC				034	GRD04052				
NC				035	GRD04052				
NC				036	GRD04052				
NC				037	GRD04052				
NC				038	GRD04052				
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NC				040	GRD04052				
NC				041	GRD04052				
NC				042	GRD04052				
NC				043	GRD04052				
NC				044	GRD04052				
NC				045	GRD04052				
NC				046	GRD04052				
NC				047	GRD04052				
NC				048	GRD04052				
NC				049	GRD04052				
NC				050	GRD04052				
NC				051	GRD04052				
NC				052	GRD04052				
NC				053	GRD04052				
NC				054	GRD04052				
NC				055	GRD04052				
NC				056	GRD04052				

TO CONNECTION		FROM CONNECTION							
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	CPT	NOTE
.....J				04-072 (CONT'D)	TF				
	NC			014	GRD04068				
	NC			015	GRD04068				
	NC			016	GRD04068				
	NC			017	GRD04068				
	NC			018	GRD04068				
	NC			019	GRD04068				
	NC			020	GRD04068				
	NC			021	GRD04068				
	NC			022	GRD04068				
	NC			023	GRD04068				
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	NC			032	GRD04068				
	NC			033	GRD04068				
	NC			034	GRD04068				
	NC			035	GRD04068				
	NC			036	GRD04068				
	NC			037	GRD04068				
	NC			038	GRD04068				
	NC			039	GRD04068				
	NC			040	GRD04068				
	NC			041	GRD04068				
	NC			042	GRD04068				
	NC			043	GRD04068				
	NC			044	GRD04068				
	NC			045	GRD04068				
	NC			046	GRD04068				
	NC			047	GRD04068				
	NC			048	GRD04068				
	NC			049	GRD04068				
	NC			050	GRD04068				
	NC			051	GRD04068				
	NC			052	GRD04068				
	NC			053	GRD04068				
	NC			054	GRD04068				
	NC			055	GRD04068				
	NC			056	GRD04068				

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				11-081	LUG				
TO FUSE PANEL	ODLIA48R			002	ODLIA48R	13-076 CP	103		
.....J				11-081	LUG				
TO FUSE PANEL	-48ADL10			006	-48ADL10	13-084 CP	106		

G	TO CONNECTION			FROM CONNECTION						
	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
	J			11-106	LUG					
	TO FUSE PANEL	1DL1A48R		002	1DL1A48R	13-108	CP	103		
	J			11-106	LUG					
H	TO FUSE PANEL	-48ADL11		006	-48ADL11	13-100	CP	106		

.....J	04-064	TF	
NC	032	GRD04060	
NC	033	GRD04060	
NC	034	GRD04060	
NC	035	GRD04060	
NC	036	GRD04060	
NC	037	GRD04060	
NC	038	GRD04060	
NC	039	GRD04060	
NC	040	GRD04060	
NC	041	GRD04060	
NC	042	GRD04060	
NC	043	GRD04060	
NC	044	GRD04060	
NC	045	GRD04060	
NC	046	GRD04060	
NC	047	GRD04060	
NC	048	GRD04060	
NC	049	GRD04060	
NC	050	GRD04060	
NC	051	GRD04060	
NC	052	GRD04060	
NC	053	GRD04060	
NC	054	GRD04060	
NC	055	GRD04060	
NC	056	GRD04060	

.....J	04-072	TF	
NC	000	GRD04068	
NC	001	GRD04068	
NC	002	GRD04068	
NC	003	GRD04068	
NC	004	GRD04068	
NC	005	GRD04068	
NC	006	GRD04068	
NC	007	GRD04068	
NC	008	GRD04068	
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NC	010	GRD04068	
NC	011	GRD04068	
NC	012	GRD04068	
NC	013	GRD04068	

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.....J					13-036 TF					J					13-041 (CONT'D) TF					J					13-050 (CONT'D) TF				
NC				000	GRD13032					NC				038	GRD13042					NC				007	GRD13042				
NC				001	GRD13032					NC				039	GRD13042					NC				008	GRD13042				
NC				002	GRD13032					NC				040	GRD13042					NC				009	GRD13042				
NC				003	GRD13032					NC				041	GRD13042					NC				010	GRD13042				
NC				004	GRD13032					NC				042	GRD13042					NC				011	GRD13042				
NC				005	GRD13032					NC				043	GRD13042														
NC				006	GRD13032					NC				044	GRD13042														
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NC				011	GRD13032					NC				049	GRD13042														
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NC				032	GRD13032					NC				001	GRD13042														
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.....J										13-059 TF										J										13-064 (CONT'D) TF										J										13-083 (CONT'D) TF																																																	
NC				000	GRD13068					NC				018	GRD13068					NC					018	GRD13084																																																																									
NC				001	GRD13068					NC				019	GRD13068					NC					019	GRD13084																																																																									
NC				002	GRD13068					NC				040	GRD13068					NC					020	GRD13084																																																																									
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NC				006	GRD13068					NC				045	GRD13068					NC					024	GRD13084																																																																									
NC				007	GRD13068					NC				046	GRD13068					NC					032	GRD13084																																																																									
NC				008	GRD13068					NC				047	GRD13068					NC					033	GRD13084																																																																									
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NC				011	GRD13068					NC				050	GRD13068					NC					036	GRD13084																																																																									
NC				012	GRD13068					NC				051	GRD13068					NC					037	GRD13084																																																																									
NC				013	GRD13068					NC				052	GRD13068					NC					038	GRD13084																																																																									
NC				014	GRD13068					NC				053	GRD13068					NC					039	GRD13084																																																																									
NC				015	GRD13068					NC				054	GRD13068					NC					040	GRD13084																																																																									
NC				016	GRD13068					NC				055	GRD13068					NC					041	GRD13084																																																																									
NC				017	GRD13068					NC				056	GRD13068					NC					042	GRD13084																																																																									
NC				018	GRD13068																			043	GRD13084																																																																										
NC				019	GRD13068																			044	GRD13084																																																																										
NC				020	GRD13068																			045	GRD13084																																																																										
NC				021	GRD13068																			046	GRD13084																																																																										
NC				022	GRD13068																			047	GRD13084																																																																										
NC				023	GRD13068																			048	GRD13084																																																																										
NC				024	GRD13068																			049	GRD13084																																																																										
NC				032	GRD13068																			050	GRD13084																																																																										
NC				033	GRD13068																			051	GRD13084																																																																										
NC				034	GRD13068																			052	GRD13084																																																																										
NC				035	GRD13068																			053	GRD13084																																																																										
NC				036	GRD13068																			054	GRD13084																																																																										
NC				037	GRD13068																			055	GRD13084																																																																										
NC				056	GRD13068																			056	GRD13084																																																																										
.....J										13-064 TF										J										13-071 TF										J										13-073 TF										J										13-084 CPTF										J										13-084 CPTF									
NC				000	GRD13068					NC				000	GRD13076					NC					000	GRD13076					NC				003	00LIA48R 13-076 CP 103					NC				103	00LIA48R 13-076 CP 103																																																					
NC				001	GRD13068					NC				001	GRD13076					NC					001	GRD13076																																																																									
NC				002	GRD13068					NC				002	GRD13076					NC					002	GRD13076																																																																									
NC				003	GRD13068					NC				003	GRD13076					NC					003	GRD13076																																																																									
NC				004	GRD13068					NC				004	GRD13076					NC					004	GRD13076																																																																									
NC				005	GRD13068					NC				005	GRD13076					NC					005	GRD13076																																																																									
NC				006	GRD13068					NC				006	GRD13076					NC					006	GRD13076																																																																									
NC				007	GRD13068					NC				007	GRD13076					NC					007	GRD13076																																																																									

CAD 034 (CONT'D)										CAD 035 (CONT'D)										CAD 035 (CONT'D)											
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
J 13-088 TF										J 04-099 (CONT'D) TF										J 04-104 (CONT'D) TF											
NC	000				GRD13084					NC	018				GRD04100					NC	050				GRD04108						
NC	001				GRD13084					NC	019				GRD04100					NC	051				GRD04108						
NC	002				GRD13084					NC	020				GRD04100					NC	052				GRD04108						
NC	003				GRD13084					NC	021				GRD04100					NC	053				GRD04108						
NC	004				GRD13084					NC	022				GRD04100					NC	054				GRD04108						
NC	005				GRD13084					NC	023				GRD04100					NC	055				GRD04108						
NC	006				GRD13084					NC	024				GRD04100					NC	056				GRD04108						
NC	007				GRD13084					NC	032				GRD04100																
NC	008				GRD13084					NC	033				GRD04100																
NC	009				GRD13084					NC	034				GRD04100																
NC	010				GRD13084					NC	035				GRD04100																
NC	011				GRD13084					NC	036				GRD04100																
NC	012				GRD13084					NC	037				GRD04100																
NC	013				GRD13084					NC	038				GRD04100																
NC	014				GRD13084					NC	039				GRD04100																
NC	015				GRD13084					NC	040				GRD04100																
NC	016				GRD13084					NC	041				GRD04100																
NC	017				GRD13084					NC	042				GRD04100																
NC	018				GRD13084					NC	043				GRD04100																
NC	019				GRD13084					NC	044				GRD04100																
NC	020				GRD13084					NC	045				GRD04100																
NC	021				GRD13084					NC	046				GRD04100																
NC	022				GRD13084					NC	047				GRD04100																
NC	023				GRD13084					NC	048				GRD04100																
NC	024				GRD13084					NC	049				GRD04100																
NC	032				GRD13084					NC	050				GRD04100																
NC	033				GRD13084					NC	051				GRD04100																
NC	034				GRD13084					NC	052				GRD04100																
NC	035				GRD13084					NC	053				GRD04100																
NC	036				GRD13084					NC	054				GRD04100																
NC	037				GRD13084					NC	055				GRD04100																
NC	038				GRD13084					NC	056				GRD04100																
NC	039				GRD13084																										
NC	040				GRD13084																										
NC	041				GRD13084																										
NC	042				GRD13084																										
NC	043				GRD13084																										
NC	044				GRD13084																										
NC	045				GRD13084																										
NC	046				GRD13084																										
NC	047				GRD13084																										
NC	048				GRD13084																										
NC	049				GRD13084																										
NC	050				GRD13084																										
NC	051				GRD13084																										
NC	052				GRD13084																										
NC	053				GRD13084																										
NC	054				GRD13084																										
NC	055				GRD13084																										
NC	056				GRD13084																										
CAD 035 CONTROLLER 1 SPARE PWR & GRD										J 04-100 TF										J 04-104 TF											
J 04-099 TF										NC 038 GRD04100										NC 000 GRD04108											
NC	000				GRD04100					NC	001				GRD04108					NC	001				GRD04116						
NC	001				GRD04100					NC	002				GRD04108					NC	002				GRD04116						
NC	002				GRD04100					NC	003				GRD04108					NC	003				GRD04116						
NC	003				GRD04100					NC	004				GRD04108					NC	004				GRD04116						
NC	004				GRD04100					NC	005				GRD04108					NC	005				GRD04116						
NC	005				GRD04100					NC	006				GRD04108					NC	006				GRD04116						
NC	006				GRD04100					NC	007				GRD04108					NC	007				GRD04116						
NC	007				GRD04100					NC	008				GRD04108					NC	008				GRD04116						
NC	008				GRD04100					NC	009				GRD04108					NC	009				GRD04116						
NC	009				GRD04100					NC	010				GRD04108					NC	010				GRD04116						
NC	010				GRD04100					NC	011				GRD04108					NC	011				GRD04116						
NC	011				GRD04100					NC	012				GRD04108					NC	012				GRD04116						
NC	012				GRD04100					NC	013				GRD04108					NC	013				GRD04116						
NC	013				GRD04100					NC	014				GRD04108					NC	014				GRD04116						
NC	014				GRD04100					NC	015				GRD04108					NC	015				GRD04116						
NC	015				GRD04100					NC	016				GRD04108					NC	016				GRD04116						
NC	016				GRD04100					NC	017				GRD04108					NC	017				GRD04116						
NC	017				GRD04100					NC	018				GRD04108					NC	018				GRD04116						
NC	018				GRD04100					NC	019				GRD04108					NC	019				GRD04116						
NC	019				GRD04100					NC	020				GRD04108					NC	020				GRD04116						
NC	020				GRD04100					NC	021				GRD04108					NC	021				GRD04116						
NC	021				GRD04100					NC	022				GRD04108					NC	022				GRD04116						
NC	022				GRD04100					NC	023				GRD04108					NC	023				GRD04116						
NC	023				GRD04100																										

CAD 035 (CONT'D)										CAD 035 (CONT'D)										CAD 035 (CONT'D)									
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J										J										J									
04-120 TF										04-136 (CONT'D) TF										13-099 (CONT'D) TF									
NC	032				GRD04124					NC	015				GRD04132					NC	052				GRD13100				
NC	033				GRD04124					NC	016				GRD04132					NC	053				GRD13100				
NC	034				GRD04124					NC	017				GRD04132					NC	054				GRD13100				
NC	035				GRD04124					NC	018				GRD04132					NC	055				GRD13100				
NC	036				GRD04124					NC	019				GRD04132					NC	056				GRD13100				
NC	037				GRD04124					NC	020				GRD04132														
NC	038				GRD04124					NC	021				GRD04132														
NC	039				GRD04124					NC	022				GRD04132														
NC	040				GRD04124					NC	023				GRD04132														
NC	041				GRD04124					NC	024				GRD04132														
NC	042				GRD04124					NC	032				GRD04132														
NC	043				GRD04124					NC	033				GRD04132														
NC	044				GRD04124					NC	034				GRD04132														
NC	045				GRD04124					NC	035				GRD04132														
NC	046				GRD04124					NC	036				GRD04132														
NC	047				GRD04124					NC	037				GRD04132														
NC	048				GRD04124					NC	038				GRD04132														
NC	049				GRD04124					NC	039				GRD04132														
NC	050				GRD04124					NC	040				GRD04132														
NC	051				GRD04124					NC	041				GRD04132														
NC	052				GRD04124					NC	042				GRD04132														
NC	053				GRD04124					NC	043				GRD04132														
NC	054				GRD04124					NC	044				GRD04132														
NC	055				GRD04124					NC	045				GRD04132														
NC	056				GRD04124					NC	046				GRD04132														
NC										NC	047				GRD04132														
NC										NC	048				GRD04132														
NC										NC	049				GRD04132														
NC										NC	050				GRD04132														
NC										NC	051				GRD04132														
NC										NC	052				GRD04132														
NC										NC	053				GRD04132														
NC										NC	054				GRD04132														
NC										NC	055				GRD04132														
NC										NC	056				GRD04132														
.....J										J										J									
04-128 TF										13-099 TF										13-111 TF									
NC	013				GRD04124					NC	000				GRD13100					NC	000				GRD13108				
NC	014				GRD04124					NC	001				GRD13100					NC	001				GRD13108				
NC	015				GRD04124					NC	002				GRD13100					NC	002				GRD13108				
NC	016				GRD04124					NC	003				GRD13100					NC	003				GRD13108				
NC	017				GRD04124					NC	004				GRD13100					NC	004				GRD13108				
NC	018				GRD04124					NC	005				GRD13100					NC	005				GRD13108				
NC	019				GRD04124					NC	006				GRD13100					NC	006				GRD13108				
NC	020				GRD04124					NC	007				GRD13100					NC	007				GRD13108				
NC	021				GRD04124					NC	008				GRD13100					NC	008				GRD13108				
NC	022				GRD04124					NC	009				GRD13100					NC	009				GRD13108				
NC	023				GRD04124					NC	010				GRD13100					NC	010				GRD13108				
NC	024				GRD04124					NC	011				GRD13100					NC	011				GRD13108				
NC	032				GRD04124			</																					

CAD 035 (CONT'D)										CAD 035 (CONT'D)										CAD 035 (CONT'D)																			
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE										
13-113 TF										13-129 (CONT'D) TF										13-141 (CONT'D) TF																			
NC				000	GRD13116					NC				018	GRD13142					NC					024	GRD13142													
NC				001	GRD13116					NC				019	GRD13142					NC					032	GRD13142													
NC				002	GRD13116					NC				020	GRD13142					NC					033	GRD13142													
NC				003	GRD13116					NC				021	GRD13142					NC					034	GRD13142													
NC				004	GRD13116					NC				022	GRD13142					NC					035	GRD13142													
NC				005	GRD13116					NC				023	GRD13142					NC					036	GRD13142													
NC				006	GRD13116					NC				024	GRD13142					NC					037	GRD13142													
NC				007	GRD13116					NC				032	GRD13142					NC					038	GRD13142													
NC				008	GRD13116					NC				033	GRD13142					NC					039	GRD13142													
NC				009	GRD13116					NC				034	GRD13142					NC					040	GRD13142													
NC				010	GRD13116					NC				035	GRD13142					NC					041	GRD13142													
NC				011	GRD13116					NC				036	GRD13142					NC					042	GRD13142													
										NC				037	GRD13142					NC					043	GRD13142													
										NC				038	GRD13142					NC					044	GRD13142													
										NC				039	GRD13142					NC					045	GRD13142													
										NC				040	GRD13142					NC					046	GRD13142													
										NC				041	GRD13142					NC					047	GRD13142													
										NC				042	GRD13142					NC					048	GRD13142													
										NC				043	GRD13142					NC					049	GRD13142													
										NC				045	GRD13142					NC					050	GRD13142													
										NC				046	GRD13142					NC					051	GRD13142													
										NC				047	GRD13142					NC					052	GRD13142													
										NC				048	GRD13142					NC					053	GRD13142													
										NC				049	GRD13142					NC					054	GRD13142													
										NC				050	GRD13142					NC					055	GRD13142													
										NC				051	GRD13142					NC					056	GRD13142													
										NC				052	GRD13142																								
										NC				053	GRD13142																								
										NC				054	GRD13142																								
										NC				055	GRD13142																								
										NC				056	GRD13142																								
13-126 TF										13-130 TF										13-134 TF																			
NC				000	GRD13116					NC				101	+5V13LC1 13-132 CP 056					NC																			
NC				001	GRD13116					NC				200	GRD13116					NC																			
NC				002	GRD13116					NC				201	GRD13116					NC																			
NC				003	GRD13116					NC				300	GRD13116					NC																			
NC				004	GRD13116					NC				301	GRD13116																								
NC				005	GRD13116																																		
NC				006	GRD13116																																		
NC				007	GRD13116																																		
NC				008	GRD13116																																		
NC				009	GRD13116																																		
NC				010	GRD13116																																		
NC				011	GRD13116																																		
NC				013	GRD13116																																		
NC				014	GRD13116																																		
NC				015	GRD13116																																		
NC				016	GRD13116																																		
NC				017	GRD13116																																		
NC				018	GRD13116																	</																	

(CONT'D)

TO CONNECTION				FROM CONNECTION					DPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL			
.....J				04-129	TF					
	NC			000						
	NC			001	1SUZERRO	04-164	CP	119		
	NC			002	1SUZERRO	04-143	CP	114		
	NC			003						
	NC			004						
	NC			005	1SUZHTO	04-164	CP	019		
	NC			006	1SU1HTO	04-143	CP	113		
	NC			007	1SUOWTO	04-124	CP	013		
	NC			008	1SUZERRO	04-124	CP	014		
	NC			009	1SUZSO	04-164	CP	319		
	NC			010	1SU1SO	04-143	CP	111		
	NC			011	1SUOSO	04-124	CP	011		

0 LINK MONITOR TEST ACCESS POINTS

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTES
.....J				13-060	Tf				
NC				000	+5V13LC0	13-032	CP	100	
NC				001	+5V13LC0	13-032	CP	100	
NC				012	0C-CP04L	04-052	CP	012	
NC				035	GRD13068				
NC				044	1NAE	04-172	CP	113	
NC				045	0L1NT	13-084	CP	247	
NC				046	1L1NT	13-100	CP	247	
NC				047	GRD13068				
NC				048	0LAOPTMD	13-084	CP	245	
NC				049	0LCKTS	13-084	CP	248	
NC				050	0LBRMTD	13-084	CP	241	
NC				051	0LARMTD	13-084	CP	246	
NC				052	1LBOPTRD	13-100	CP	243	
NC				053	1LAOPTMD	13-100	CP	245	
NC				054	1LCKTS	13-100	CP	248	
NC				055	1LBRMTD	13-100	CP	241	
NC				056	1LARMTD	13-100	CP	246	
NC				100	+5V13LC0	13-032	CP	100	
NC				101	+5V13LC0	13-032	CP	100	
NC				112	0C-CP04L	04-052	CP	112	
NC				138	GRD13068				
NC				144	0NAE	04-010	CP	113	
NC				147	0LBOPTRD	13-084	CP	243	
NC				148	GRD13068				
NC				150	GRD13068				
NC				151	GRD13068				
NC				152	GRD13068				
NC				153	0LB1PTMD	13-084	CP	242	
NC				154	0LA1PTMD	13-084	CP	244	
NC				155	1LB1PTMD	13-100	CP	242	
NC				156	1LA1PTMD	13-100	CP	244	
NC				200	GRD13068				
NC				201	GRD13068				
NC				241	GRD13068				
NC				253	GRD13068				
NC				300	GRD13068				
NC				301	GRD13068				
NC				332	GRD13068				
NC				344	GRD13068				

1 LINK MONITOR TEST ACCESS POINTS

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				13-122	TF				
NC				000	+5V13LC1	13-152	CP	056	
NC				001	+5V13LC1	13-152	CP	056	
NC				012	1C-CP04L	04-132	CP	012	
NC				035	GRD13116				
NC				044	1NAE	04-172	CP	113	
NC				045	0LINT	13-084	CP	247	
NC				046	1LINT	13-100	CP	247	
NC				047	GRD13116				
NC				048	0LA1PTMD	13-084	CP	244	
NC				049	0LCKMTS	13-084	CP	248	
NC				050	0LBRMTD	13-084	CP	241	
NC				051	0LARMTD	13-084	CP	246	
NC				052	1L81PTMD	13-100	CP	242	
NC				053	1LA1PTMD	13-100	CP	244	
NC				054	1LCKMTS	13-100	CP	248	
NC				055	1LBRMTD	13-100	CP	241	
NC				056	1LARMTD	13-100	CP	246	
NC				100	+5V13LC1	13-152	CP	056	
NC				101	+5V13LC1	13-152	CP	056	
NC				112	1C-CP04L	04-132	CP	112	
NC				138	GRD13116				
NC				144	0NAE	04-010	CP	113	
NC				147	0L81PTMD	13-084	CP	242	
NC				148	GRD13116				
NC				150	GRD13116				
NC				151	+5V13LC1	13-152	CP	056	
NC				152	GRD13116				
NC				153	0L80PTMD	13-084	CP	243	
NC				154	0LA0PTMD	13-084	CP	245	
NC				155	1L80PTMD	13-100	CP	243	
NC				156	1LA0PTMD	13-100	CP	245	
NC				200	GRD13116				
NC				201	GRD13116				
NC				241	GRD13116				
NC				253	GRD13116				
NC				300	GRD13116				
NC				301	GRD13116				
NC				332	GRD13116				
NC				344	GRD13116				

TSIU GROUND ACCESS

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				01-018	LUG				
TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	GRD04010			580	GRD04010				
.....J				01-042	LUG				
TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	GRD04010			080	GRD04010				
.....J				01-059	LUG				
TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	GRD04010			080	GRD04010				
.....J				01-076	LUG				
TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	GRD04010			180	GRD04010				

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J			01-108	LUG					
TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	GRD04010		180	GRD04010					
.....J			01-123	LUG					
TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	GRD04010		080	GRD04010					
.....J			01-146	LUG					
TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	GRD04010		080	GRD04010					
.....J			01-163	LUG					
TO SWITCHING MODULE PROCESSOR UNIT, MODEL 2	GRD04010		080	GRD04010					
.....J			07-010	LUG					
10-013-080	GRD04010		357	GRD04010					
.....J			07-034	LUG					
10-032-280	GRD04010		057	GRD04010					
.....J			07-036	LUG					
10-037-080	GRD04010		157	GRD04010					
.....J			07-059	LUG					
10-059-080	GRD04010		057	GRD04010					
.....J			07-081	LUG					
10-081-080	GRD04010		057	GRD04010					
.....J			07-107	LUG					
10-107-080	GRD04010		057	GRD04010					
.....J			07-129	LUG					
10-129-080	GRD04010		057	GRD04010					
.....J			07-148	LUG					
10-151-080	GRD04010		357	GRD04010					

TIME SLOT INTERCHANGER UNIT. MODEL 2		DWG SIZE C2
AT&T BELL LABORATORIES		ISSUE 9A C836
SD-5D045-01		

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CAD 044

WIRING FOR ISDN PACKET INTERFACE 1

TO CONNECTION					FROM CONNECTION					OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL				
.....J				13-130	TF						
NC				000	+5V13LC1	13-152	CP	056		(B)	
NC				001	+5V13LC1	13-152	CP	056		(B)	
NC				004	+5V13LC1	13-152	CP	056		(B)	
NC				005	+5V13LC1	13-152	CP	056		(B)	
NC				007	GRD13142					(B)	
NC				010	+5V13LC1	13-152	CP	056		(B)	
NC				012	1C-CP04L	04-132	CP	012		(B)	
NC				014	GRD13142					(B)	
NC				020	GRD13142					(B)	
NC				032	+5V13LC1	13-152	CP	056		(B)	
NC				033	GRD13142					(B)	
NC				039	10PRXC1P	13-130	TF	040		(B)	
NC				040	10PRXC1P	13-130	TF	039		(B)	
NC				046	GRD13142					(B)	
NC				052	11PRXC1P	13-130	TF	053		(B)	
NC				053	11PRXC1P	13-130	TF	052		(B)	
NC				100	+5V13LC1	13-152	CP	056		(B)	
NC				112	1C-CP04L	04-132	CP	112		(B)	
NC				132	+5V13LC1	13-152	CP	056		(B)	
NC				139	10PRXC1N	13-130	TF	140		(B)	
NC				140	10PRXC1N	13-130	TF	139		(B)	
NC				152	11PRXC1N	13-130	TF	153		(B)	
NC				153	11PRXC1N	13-130	TF	152		(B)	
NC				207	GRD13142					(B)	
NC				214	GRD13142					(B)	
NC				220	GRD13142					(B)	
NC				232	GRD13142					(B)	
NC				233	GRD13142					(B)	
NC				239	GRD13142					(B)	
NC				246	GRD13142					(B)	
NC				252	GRD13142					(B)	
NC				317	1SUAP	04-124	CP	002		(B)	
NC				318	1SU46	04-124	CP	003		(B)	
NC				319	1SU45	04-124	CP	004		(B)	
NC				320	1SU44	04-124	CP	005		(B)	
NC				321	1SU43	04-124	CP	006		(B)	
NC				322	1SU42	04-124	CP	007		(B)	
NC				323	1SU41Z	04-124	CP	008		(B)	
NC				324	1SU4ERR0	04-121	TF	003		(B)	
NC				332	GRD13142					(B)	
NC				333	1SUR00	04-124	CP	009		(B)	
NC				334	1SU4HT0	04-121	TF	007		(B)	
NC				335	1SU0PL	04-124	CP	110		(B)	
NC				336	1SU07	04-124	CP	102		(B)	
NC				337	1SU06	04-124	CP	103		(B)	
NC				339	1SU05	04-124	CP	104		(B)	
NC				340	1SU04	04-124	CP	105		(B)	
NC				341	1SU03	04-124	CP	106		(B)	
NC				342	1SU02	04-124	CP	107		(B)	
NC				343	1SU01Z	04-124	CP	108		(B)	
NC				344	1SU00Z	04-124	CP	109		(B)	
NC				345	1SUMR0	04-124	CP	110		(B)	
NC				346	1SU450	04-121	TF	011		(B)	
NC				347	1SU0PH	04-124	CP	111		(B)	
NC				348	1SU01S	04-124	CP	113		(B)	
NC				349	1SU014	04-124	CP	114		(B)	
NC				350	1SU013	04-124	CP	115		(B)	
NC				351	1SU012	04-124	CP	116		(B)	
NC				352	1SU011Z	04-124	CP	117		(B)	
NC				353	1SU010Z	04-124	CP	118		(B)	
NC				354	1SU09	04-124	CP	119		(B)	
NC				355	1SU08	04-124	CP	120		(B)	

TIME SLOT INTERCHANGER UNIT, MODEL 2			DWG SIZE C2	ISSUE 9AC
AT&T BELL LABORATORIES		SD-5D045-01		G838
PRINTED IN U. S. A.				03/05/85

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