

SHEET INDEX

CONTENTS	SHEET NO.		SHEET ISSUE NO.	
	PRIOR TO ISSUE 6B	CURRENT ISSUE		
SHEET INDEX SUPPORTING INFORMATION	A1	A1	6	
SHEET NUMBER CANCELED ON DWG ISS 5D	A#1			
DESIGNATION MNEMONICS INDEX	A#2	A2	6	
	A#3	A3	6	
	A#4	A4	6	
APPARATUS INDEX LEAD INDEX	A#5	A5	6	
LEAD INDEX (CONT)	A#6	A6	6	
FS 1 CONTROL	B#1AA	B1AA	6	
	B#1AB	B1AB	6	
	B#1AC	B1AC	6	
	B#1AD	B1AD	6	
	B#1AE	B1AE	6	
	B#1AF	B1AF	6	
	B#1AG	B1AG	6	
	B#1AH	B1AH	6	
	B#1AJ	B1AJ	6	
	B#1CA	B1CA	6	
	B#1CB	B1CB	6	
	B#1CC	B1CC	6	
	B#1CD	B1CD	6	
	B#1CE	B1CE	6	
	B#1CF	B1CF	6	
	B#1CG	B1CG	6	
	B#1CH	B1CH	6	
	B#1CJ	B1CJ	6	
	B#1GA	B1GA	6	
	B#1GB	B1GB	6	
	FS 2 DATA	B#2AA	B2AA	6
		B#2AB	B2AB	6
		B#2AC	B2AC	6
		B#2AD	B2AD	6

CONTENTS	SHEET NO.		SHEET ISSUE NO.
	PRIOR TO ISSUE 6B	CURRENT ISSUE	
FS 2 DATA (CONT)	B#2AE	B2AE	6
	B#2AF	B2AF	6
	B#2AG	B2AG	6
	B#2AH	B2AH	6
	B#2AJ	B2AJ	6
	B#2AK	B2AK	6
	B#2AL	B2AL	6
	B#2AM	B2AM	6
	B#2AN	B2AN	6
	B#2AP	B2AP	6
	B#2AR	B2AR	6
	B#2AT	B2AT	6
	B#2AU	B2AU	6
	B#2AV	B2AV	6
	B#2AW	B2AW	6
	B#2AX	B2AX	6
	B#2AY	B2AY	6
	B#2BA	B2BA	6
	B#2BB	B2BB	6
	B#2BC	B2BC	6
	B#2CA	B2CA	6
	B#2CB	B2CB	6
	B#2CC	B2CC	6
	B#2CD	B2CD	6
	B#2CE	B2CE	6
	B#2CF	B2CF	6
	B#2CG	B2CG	6
	B#2CH	B2CH	6
	B#2CJ	B2CJ	6
	B#2CK	B2CK	6
B#2CL	B2CL	6	
B#2CM	B2CM	6	
B#2CN	B2CN	6	
B#2CP	B2CP	6	
B#2CR	B2CR	6	
B#2CT	B2CT	6	
B#2CU	B2CU	6	
B#2CV	B2CV	6	
B#2CW	B2CW	6	
B#2CX	B2CX	6	
B#2CY	B2CY	6	
B#2DA	B2DA	6	
B#2DB	B2DB	6	
B#2DC	B2DC	6	
B#2DD	B2DD	6	
B#2DE	B2DE	6	
B#2DF	B2DF	6	
B#2DG	B2DG	6	
B#2DH	B2DH	6	
B#2GA	B2GA	6	
B#2GB	B2GB	6	
B#2GC	B2GC	6	
B#2GD	B2GD	6	

CONTENTS	SHEET NO.		SHEET ISSUE NO.
	PRIOR TO ISSUE 6B	CURRENT ISSUE	
FS 3 POWER	B#3AA	B3AA	6
	B#3CA	B3CA	6
	B#3CB	B3CB	6
	B#3CC	B3CC	6
	B#3CD		
	B#3GA	B3GA	6
	B#3GB	B3GB	6
	B#3GC	B3GC	6
	B#3GD	B3GD	6
	B#3GE	B3GE	6
B#3GF	B3GF	6	
APP FIG. 1	C#1	C1	6
APP FIG. 2,3	C#2	C2	6
APP FIG. 4,5	C#3	C3	6
APP FIG. 6,7,8,9	C#4	C4	6
APP FIG. 10,11,12	C#5	C5	6
APP FIG. 13,14,15,16	C#6	C6	6
APP FIG. 17		C7	6
CIRCUIT NOTES EQUIPMENT NOTES	D1	D1	6
INFORMATION NOTES	D#1	D2	6
CAD NOTES	GB1	GB1	6
CAD 1 - UNIT SYMBOL	GB2	GB2	6
CAD 002,003,004, P/O CAD 005	GB3	GB3	6
P/O CAD 005,006	GB4	GB4	6
P/O CAD 006,007	GB5	GB5	6
P/O CAD 007	GB6	GB6	6
P/O CAD 007,008,009	GB7	GB7	6
P/O CAD 009	GB8	GB8	6
P/O CAD 009,010,011	GB9	GB9	6
P/O CAD 011		GB10	6

C - CANCELED SHEET

OPTION INDEX

APP OR WRC	RATED ON ISSUE	REF NOTES	LOCATION
SUBSEQUENT TO ISSUE 1			
Z	STD 4A		APP FIG. 4
Y	STD 4A		APP FIG. 4
X	STD 4A		APP FIG. 4
W	STD 4A		APP FIG. 4
V	STD 4A		APP FIG. 4
T	STD 4A		APP FIG. 4
S	STD 4A		APP FIG. 4
R	STD 4A		APP FIG. 4
Q	STD 4A		APP FIG. 4
N	STD 4A		APP FIG. 4
M	STD 4A		APP FIG. 4
K	STD 4A		APP FIG. 4
J	STD 4A		APP FIG. 4
G	STD 4A		APP FIG. 4
F	STD 6B		APP FIG. 2 - 17
E	STD 6B		APP FIG. 2 - 17

USED ON

FRAME SD	PROJECT	CONT
SD-50117-01	TIME MULTIPLEXED SWITCH CABINET	1H

SUPPORTING INFORMATION	
CATEGORY	NO.
EQUIPMENT DRAWING	J5D001AB-1

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7713

5ESS™ SWITCHING EQUIPMENT
TIME MULTIPLEXED SWITCH UNIT
CIRCUIT

PROVISIONAL

DWG SIZE 6B ISSUE 6B

(TMSU)

AT&T BELL LABORATORIES SD-50043-01 SHEET A1 OF 112

DWG ISSUE	CD ISSUE	DATE ISSUED	BY
1	1	12-17-82	
2D	APP 1D	12-17-84	
3AC	APP 2AC	12-17-84	
4A	APP 3A	12-14-84	
5D	2D	3-28-85	
6B	APP 1B	10-15-86	

DESIGNATION MNEMONICS INDEX

MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION
(+,-)CURPRA(0,2)	1/1,13	(PLUS OR MINUS) CURRENT PROGRAMMING RESISTOR FOR THE "A" PLUS 5 VOLT POWER CONVERTER ON SHELF (0 OR 2)	+5CON7(0,2)(A,B)	2/19,47,49	PLUS FIVE VOLT CONDITIONAL POWER TO OPTIC RECEIVER ON LINK INTERFACE 7 (TN243) ON SHELF (0 OR 2) FOR LINK (A OR B)	+5XP7(0,2)(A,B)	2/19,46,48	PLUS FIVE VOLT POWER TO OPTIC TRANSMITTER ON LINK INTERFACE 7 (TN243) ON SHELF (0 OR 2) FOR LINK (A OR B)	CK2M(0,1)S(0,2)	1/1,13	FROM CLOCK INTERFACE (TN270) 2MHZ (0 OR 1 HALF OF BALANCED LINE) TO SHELF INTERFACE (TN244) ON SHELF (0 OR 2)
(+,-)CUPPRB(0,2)	2/4,17	(PLUS OR MINUS) CURRENT PROGRAMMING RESISTOR FOR THE "B" PLUS 5 VOLT POWER CONVERTER ON SHELF (0 OR 2)	+5CON5(0,2)(A,B)	2/20,51,53	PLUS FIVE VOLT CONDITIONAL POWER TO OPTIC RECEIVER ON LINK INTERFACE 5 (TN243) ON SHELF (0 OR 2) FOR LINK (A OR B)	+5XP5(0,2)(A,B)	2/20,50,52	PLUS FIVE VOLT POWER TO OPTIC TRANSMITTER ON LINK INTERFACE 5 (TN243) ON SHELF (0 OR 2) FOR LINK (A OR B)	CK8K0L(1-8)2	2/21	8KHZ CLOCK SYNC PULSE 0 HALF OF BALANCED LINE FROM FANOUT BOARD (UN74) TO LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF 2
(+,-)CURPRM	1/1	(PLUS OR MINUS) CURRENT PROGRAMMING RESISTOR FOR THE MINUS FIVE VOLT POWER CONVERTER	+5P12(A,B)	2/13	PLUS FIVE VOLT POWER TO OPTIC RECEIVER ON LINK INTERFACE 1 (TN243) ON SHELF 2 FOR LINK (A OR B)	-48(A,B)(0,2)	3/1-4	MINUS FORTY-EIGHT VOLT FUSED POWER TO FIVE VOLT POWER CONVERTER (A OR B) ON SHELF (0 OR 2)	CK8K0L(2-8)0	2/8	8KHZ CLOCK SYNC PULSE 0 HALF OF BALANCED LINE FROM FANOUT BOARD (UN74) TO LINK INTERFACE (2 THROUGH 8) (TN243) ON SHELF 0
+00SA0	3/1	(PLUS) OUT OF SERVICE LEAD BETWEEN POWER CONVERTERS "A" ON SHELF 0	+5P2(0,2)(A,B)	2/1,14	PLUS FIVE VOLT POWER TO OPTIC RECEIVER ON LINK INTERFACE 2 (TN243) ON SHELF (0 OR 2) FOR LINK (A OR B)	-48L1(A,B)(0,2)	2/1,4,13,17	MINUS FORTY-EIGHT VOLT FUSED POWER TO LINK INTERFACE (TN243) PACKS THAT ARE POWERED BY POWER CONVERTER (A OR B) ON SHELF (0 OR 2)	CK8K1L(0-8)2	2/21	8KHZ CLOCK SYNC PULSE 1 HALF OF BALANCED LINE FROM FANOUT BOARD (UN74) TO LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF 2
+00SAZ	3/3	(PLUS) OUT OF SERVICE LEAD BETWEEN POWER CONVERTERS "A" ON SHELF 2 AND TERMINAL STRIP OUTPUT TO OTHER UNIT	+5P3(0,2)(A,B)	2/2,15	PLUS FIVE VOLT POWER TO OPTIC RECEIVER ON LINK INTERFACE 3 (TN243) ON SHELF (0 OR 2) FOR LINK (A OR B)	-48P(1-8)(0,2)(A,B)	FS2	MINUS FORTY-EIGHT VOLT POWER TO OPTIC RECEIVER ON LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF (0 OR 2) FOR LINK (A OR B)	CK8K1L(2-8)0	2/8	8KHZ CLOCK SYNC PULSE 1 HALF OF BALANCED LINE FROM FANOUT BOARD (UN74) TO LINK INTERFACE (2 THROUGH 8) (TN243) ON SHELF 0
+00S80	3/2	(PLUS) OUT OF SERVICE LEAD BETWEEN POWER CONVERTER "B" ON SHELF 0 AND POWER CONVERTER "B" ON SHELF 2	+5P4(0,2)(A,B)	2/3,16	PLUS FIVE VOLT POWER TO OPTIC RECEIVER ON LINK INTERFACE 4 (TN243) ON SHELF (0 OR 2) FOR LINK (A OR B)	-48RTN(A,B)(0,2)	3/1-4	MINUS FORTY-EIGHT RETURN FOR POWER CONVERTER (A OR B) ON SHELF (0 OR 2)	CK8K0X(1-4)0	2/8	8KHZ CLOCK SYNC PULSE 0 HALF OF BALANCED LINE FROM FANOUT BOARD (UN74) TO FABRIC SWITCH (1 THROUGH 4) (TN242) ON SHELF 0
+00SBZ	3/4	(PLUS) OUT OF SERVICE LEAD BETWEEN POWER CONVERTER "B" ON SHELF 2	+5P5(0,2)(A,B)	2/4,17,59	PLUS FIVE VOLT POWER TO OPTIC RECEIVER ON LINK INTERFACE 5 (TN243) ON SHELF (0 OR 2) FOR LINK (A OR B)	-5C(A,B)	1/1,13	MINUS FIVE VOLT POWER PLANE (A FOR SHELF 0 OR B FOR SHELF 2) THE "C" DENOTES FACT THAT -5 VOLT POWER CONVERTER RESIDES IN THE TIME MULTIPLEXED CONTROL UNIT	CK8K0X(1-4)2	2/21	8KHZ CLOCK SYNC PULSE 0 HALF OF BALANCED LINE FROM FANOUT BOARD (UN74) TO FABRIC SWITCH (1 THROUGH 4) (TN242) ON SHELF 2
+00SCA1	3/1	(PLUS) OUT OF SERVICE LEAD IN FROM OTHER UNIT VIA TERMINAL STRIP TO POWER CONVERTER "A" ON SHELF 0	+5P6(0,2)(A,B)	2/18,43,45	PLUS FIVE VOLT POWER TO OPTIC RECEIVER ON LINK INTERFACE 6 (TN243) ON SHELF (0 OR 2) FOR LINK (A OR B)	ALM1	3/1	ONE RAIL OF THE POWER ALARM CIRCUIT TO ALL POWER CONVERTERS	CK8K1X(1-4)0	2/8	8KHZ CLOCK SYNC PULSE 1 HALF OF BALANCED LINE FROM FANOUT BOARD (UN74) TO FABRIC SWITCH (1 THROUGH 4) (TN242) ON SHELF 0
+5A(0,2)	1/1,13	PLUS FIVE VOLT POWER PLANE FROM POWER CONVERTER "A" ON SHELF (0 OR 2) FOR PACK POSITIONS 042 THRU 096	+5P7(0,2)(A,B)	2/19,47,49	PLUS FIVE VOLT POWER TO OPTIC RECEIVER ON LINK INTERFACE 7 (TN243) ON SHELF (0 OR 2) FOR LINK (A OR B)	CARD	3/1	ONE RAIL OF THE POWER ALARM CIRCUIT TO ALL POWER CONVERTERS	CK8K1X(1-4)2	2/21	8KHZ CLOCK SYNC PULSE 1 HALF OF BALANCED LINE FROM FANOUT BOARD (UN74) TO FABRIC SWITCH (1 THROUGH 4) (TN242) ON SHELF 2
+5B(0,2)	2/11,17	PLUS FIVE VOLT POWER PLANE FROM POWER CONVERTER "B" ON SHELF (0 OR 2) FOR PACK POSITIONS 108 THRU 156	+5P8(0,2)(A,B)	2/20,51,53	PLUS FIVE VOLT POWER TO OPTIC RECEIVER ON LINK INTERFACE 8 (TN243) ON SHELF (0 OR 2) FOR LINK (A OR B)	CK160L(1-8)2	2/21	16MHZ CLOCK 0 HALF OF BALANCED LINE FROM FANOUT BOARD (UN74) TO LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF 2	CK8K1X(1-4)2	2/21	8KHZ CLOCK SYNC PULSE 1 HALF OF BALANCED LINE FROM FANOUT BOARD (UN74) TO FABRIC SWITCH (1 THROUGH 4) (TN242) ON SHELF 2
+5CON12(A,B)	2/13	PLUS FIVE VOLT CONDITIONAL POWER TO OPTIC RECEIVER ON LINK INTERFACE 1 (TN243) ON SHELF 2 FOR LINK (A OR B)	+5XP12(A,B)	2/13	PLUS FIVE VOLT POWER TO OPTIC TRANSMITTER ON LINK INTERFACE 1 (TN243) ON SHELF 2 FOR LINK (A OR B)	CK160L(2-8)0	2/8	16MHZ CLOCK 0 HALF OF BALANCED LINE FROM FANOUT BOARD (UN74) TO LINK INTERFACE (2 THROUGH 8) (TN243) ON SHELF 0	CKDAFO(0,2)	2/8,21	FUNCTIONAL DESIGNATION FOR FS 2 SYMBOL'S 8 OR 21 FANOUT BOARD (UN74) ON SHELF (0 OR 2) CLOCK AND DATA FANOUT
+5CON2(0,2)(A,B)	2/1,14	PLUS FIVE VOLT CONDITIONAL POWER TO OPTIC RECEIVER ON LINK INTERFACE 2 (TN243) ON SHELF (0 OR 2) FOR LINK (A OR B)	+5XP2(0,2)(A,B)	2/1,14	PLUS FIVE VOLT POWER TO OPTIC TRANSMITTER ON LINK INTERFACE 2 (TN243) ON SHELF (0 OR 2) FOR LINK (A OR B)	CK161L(1-8)2	2/21	16MHZ CLOCK 1 HALF OF BALANCED LINE FROM FANOUT BOARD (UN74) TO LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF 2	F0(A,B)10ML	2/8	OUTPUT OF FANOUT BOARD (UN74) ON SHELF 0 (A OR B) DATA STREAM TO ALL FABRIC SWITCH PACKS (TN242) ON SHELF 0. DATA THAT IS FANNED OUT IS FROM MESSAGE LINK INTERFACE (TN252)
+5CON3(0,2)(A,B)	2/2,15	PLUS FIVE VOLT CONDITIONAL POWER TO OPTIC RECEIVER ON LINK INTERFACE 3 (TN243) ON SHELF (0 OR 2) FOR LINK (A OR B)	+5XP3(0,2)(A,B)	2/2,15	PLUS FIVE VOLT POWER TO OPTIC TRANSMITTER ON LINK INTERFACE 3 (TN243) ON SHELF (0 OR 2) FOR LINK (A OR B)	CK161L(2-8)0	2/8	16MHZ CLOCK 1 HALF OF BALANCED LINE FROM FANOUT BOARD (UN74) TO LINK INTERFACE (2 THROUGH 8) (TN243) ON SHELF 0	F0(A,B)10TB	2/8	OUTPUT OF FANOUT BOARD (UN74) ON SHELF 0 (A OR B) DATA STREAM TO ALL FABRIC SWITCH PACKS (TN242) ON SHELF 0. DATA THAT IS FANNED OUT IS FROM TEST BOARD (TN267)
+5CON4(0,2)(A,B)	2/3,16	PLUS FIVE VOLT CONDITIONAL POWER TO OPTIC RECEIVER ON LINK INTERFACE 4 (TN243) ON SHELF (0 OR 2) FOR LINK (A OR B)	+5XP4(0,2)(A,B)	2/3,16	PLUS FIVE VOLT POWER TO OPTIC TRANSMITTER ON LINK INTERFACE 4 (TN243) ON SHELF (0 OR 2) FOR LINK (A OR B)	CK160X(1-4)0	2/8	16MHZ CLOCK 0 HALF OF BALANCED LINE FROM FANOUT BOARD (UN74) TO FABRIC SWITCH (1 THROUGH 4) (TN242) ON SHELF 0			
+5CON5(0,2)(A,B)	2/4,17,39	PLUS FIVE VOLT CONDITIONAL POWER TO OPTIC RECEIVER ON LINK INTERFACE 5 (TN243) ON SHELF (0 OR 2) FOR LINK (A OR B)	+5XP5(0,2)(A,B)	2/4,17,38	PLUS FIVE VOLT POWER TO OPTIC TRANSMITTER ON LINK INTERFACE 5 (TN243) ON SHELF (0 OR 2) FOR LINK (A OR B)	CK160X(1-4)2	2/21	16MHZ CLOCK 0 HALF OF BALANCED LINE FROM FANOUT BOARD (UN74) TO FABRIC SWITCH (1 THROUGH 4) (TN242) ON SHELF 2			
+5CON6(0,2)(A,B)	2/18,43,45	PLUS FIVE VOLT CONDITIONAL POWER TO OPTIC RECEIVER ON LINK INTERFACE 6 (TN243) ON SHELF (0 OR 2) FOR LINK (A OR B)	+5XP6(0,2)(A,B)	2/18,42,44	PLUS FIVE VOLT POWER TO OPTIC TRANSMITTER ON LINK INTERFACE 6 (TN243) ON SHELF (0 OR 2) FOR LINK (A OR B)	CK161X(1-4)0	2/8	16MHZ CLOCK 1 HALF OF BALANCED LINE FROM FANOUT BOARD (UN74) TO FABRIC SWITCH (1 THROUGH 4) (TN242) ON SHELF 0			
						CK161X(1-4)2	2/21	16MHZ CLOCK 1 HALF OF BALANCED LINE FROM FANOUT BOARD (UN74) TO FABRIC SWITCH (1 THROUGH 4) (TN242) ON SHELF 2			

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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE C2
AT&T BELL LABORATORIES		ISSUE 6B
SD-5D043-01		A2

DESIGNATION MNEMONICS INDEX

MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION
F0(A,B)10 (1-8)(A,B)	2/8	OUTPUT OF FANOUT BOARD (UN74) ON SHELF 0 (A OR B) DATA STREAM TO ALL FABRIC SWITCH PACKS (TN242) ON SHELF 0. DATA THAT IS FANNED OUT IS FROM LINK INTERFACE 1 THROUGH 8, LINK A OR LINK B	K08K(0,1)F0	2/8	FROM CLOCK INTERFACE (TN270) IN TIME MULTIPLEXED CONTROL UNIT, 8KHZ (0 OR 1 HALF OF BALANCED LINE) TO FANOUT BOARD (UN74) ON SHELF 0	L(1-8)(0,2)SLOP0	2/1-7, 13-20	LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF (0 OR 2) ELEMENT INTERCONNECT FOR NET SHIFT/LOAD OUTPUT DATA PULSE, WHICH IS USED FOR LOADING THE DATA SHIFT REGISTERS	S(0,2)CX(1-4)G0	1/1,13	FROM SHELF INTERFACE (TN244) ON SHELF (0 OR 2) CONTROL INFORMATION TO FABRIC SWITCH (TN242) BOARD ID 1 THROUGH 4, GATE LEAD FOR CONTROL I/O SIGNALS, ACTIVE LOW
F0(A,B)12ML	2/21	OUTPUT OF FANOUT BOARD (UN74) ON SHELF 0 (A OR B) DATA STREAM TO ALL FABRIC SWITCH PACKS (TN242) ON SHELF 2. DATA THAT IS FANNED OUT FROM THE MESSAGE LINK INTERFACE (TN252)	K08K(0,1)F2	2/21	FROM CLOCK INTERFACE (TN270) IN TIME MULTIPLEXED CONTROL UNIT, 8KHZ (0 OR 1 HALF OF BALANCED LINE) TO FANOUT BOARD (UN74) ON SHELF 2	L(1-8)(0,2)(A,B)F (0,1)(0,2)(A,B)	2/1-7, 13-20	FROM LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF (0 OR 2) (A OR B) DATA STREAM TO FANOUT BOARD (UN74) (0 OR 1 HALF OF BALANCED LINE) ON "OTHER SHELF" (0 OR 2) DATA FROM (A OR B) LINK	S(0,2)CL(5-12)I0	1/1,13	FROM SHELF INTERFACE (TN243) ON SHELF (0 OR 2) CONTROL INFORMATION TO LINK INTERFACE (TN243) BOARD ID 5 THROUGH 12, INPUT/OUTPUT
F0(A,B)12TB	2/21	OUTPUT OF FANOUT BOARD (UN74) ON SHELF 0 (A OR B) DATA STREAM TO ALL FABRIC SWITCH PACKS (TN242) ON SHELF 2. DATA THAT IS FANNED OUT FROM THE TEST BOARD (TN267)	L(5-12)(0,2)CSE1	1/6-12, 18-25	FROM LINK INTERFACE (TN243) BOARD ID NUMBER (5 THROUGH 12) ON SHELF (0 OR 2) CONTROL INFORMATION TO SHELF INTERFACE (TN244) ERROR LEAD ACTIVE HIGH	L(1-8)(0,2)(A,B)F (0,2)(A,B)	2/1-7, 13-20	FROM LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF (0 OR 2) (A OR B) DATA STREAM TO FANOUT BOARD (UN74) ON "SAME SHELF" (0 OR 2) DATA FROM (A OR B) LINK	S(0,2)CX(1-4)I0	1/1,13	FROM SHELF INTERFACE (TN243) ON SHELF (0 OR 2) CONTROL INFORMATION TO FABRIC SWITCH (TN242) BOARD ID 1 THROUGH 4, CONTROL DATA, INPUT/OUTPUT
F0(A,B)12 (1-8)(A,B)	2/21	OUTPUT OF FANOUT BOARD (UN74) ON SHELF 0 (A OR B) DATA STREAM TO ALL FABRIC SWITCH PACKS (TN242) ON SHELF 0. DATA THAT IS FANNED OUT IS FROM LINK INTERFACE 1 THROUGH 8, LINK A OR LINK B	L(1-8)(0,2)ADDR(0-4)	1/6-12, 18-25	LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF (0 OR 2) ADDRESS LEADS 0 THROUGH 4	ML(0,1)(A,B)INFO	2/8	FROM MESSAGE LINK INTERFACE (TN252) IN TIME MULTIPLEXED CONTROL UNIT (0 OR 1 HALF OF BALANCED LINE) (A OR B) DATA STREAM INTO FANOUT BOARD (UN74) ON SHELF 0	TB(0,1)(A,B)INFO	2/8	FROM TEST BOARD (TN267) IN TIME MULTIPLEXED CONTROL UNIT (0 OR 1 HALF OF BALANCED LINE) (A OR B) DATA STREAM, ECL INPUT TO FANOUT BOARD (UN74) ON SHELF 0
F2(A,B)10ML	2/8	OUTPUT OF FANOUT BOARD (UN74) ON SHELF 2 (A OR B) DATA STREAM TO ALL FABRIC SWITCH PACKS (TN242) ON SHELF 0. DATA THAT IS FANNED OUT FROM THE MESSAGE LINK INTERFACE (TN252)	L(1-8)(0,2)CNTRL (0-7)	1/6-12, 18-25	LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF (0 OR 2) LINK CONTROL 0 THROUGH 7	ML(0,1)(A,B)INF2	2/21	FROM MESSAGE LINK INTERFACE (TN252) IN TIME MULTIPLEXED CONTROL UNIT (0 OR 1 HALF OF BALANCED LINE) (A OR B) DATA STREAM INTO FANOUT BOARD (UN74) ON SHELF 2	TB(0,1)(A,B)INF1	2/21	FROM TEST BOARD (TN267) IN TIME MULTIPLEXED CONTROL UNIT (0 OR 1 HALF OF BALANCED LINE) (A OR B) DATA STREAM, ECL INPUT TO FANOUT BOARD (UN74) ON SHELF 1
F2(A,B)10TB	2/8	OUTPUT OF FANOUT BOARD (UN74) ON SHELF 2 (A OR B) DATA STREAM TO ALL FABRIC SWITCH PACKS (TN242) ON SHELF 0. DATA THAT IS FANNED OUT FROM THE TEST BOARD (TN267)	L(1-8)(0,2)MR(0-7)	1/6-12, 18-25	LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF (0 OR 2) ELEMENT INTERCONNECT FOR NET MAINTENANCE REGISTER OUTPUT NET (0 THROUGH 7)	OPXMT(1-8) (0,2)(A,B)	2/26-34 EVEN	OPTIC TRANSMITTER FOR LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF (0 OR 2) LINK (A OR B)	X(0,1)(A,B)ML0TB	2/8	FROM FABRIC SWITCH 1 VIA FANOUT BOARD (UN74) (0 OR 1) HALF OF BALANCED LINE (A OR B) DATA STREAM ECL OUT TO MESSAGE LINK INTERFACE (TN252) IN TIME MULTIPLEXED CONTROL UNIT, FROM FANOUT ON SHELF 0
F2(A,B)10TB	2/8	OUTPUT OF FANOUT BOARD (UN74) ON SHELF 2 (A OR B) DATA STREAM TO ALL FABRIC SWITCH PACKS (TN242) ON SHELF 0. DATA THAT IS FANNED OUT FROM THE TEST BOARD (TN267)	L(1-8)(0,2)RA(0-7)	2/1-7, 13-20	LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF (0 OR 2) ELEMENT INTERCONNECT FOR NET RAM ADDRESS OUTPUT NET (0 THROUGH 7)	OPRCV(1-8) (0,2)(A,B)	2/27-85 ODD	OPTIC RECEIVER FOR LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF (0 OR 2) LINK (A OR B)	X(0,1)MLTSP0	2/8	FROM FABRIC SWITCH 1 VIA FANOUT BOARD (UN74) (0 OR 1) HALF OF BALANCED LINE TO MESSAGE LINK INTERFACE (TN252) TRANSLATED TTL TO ECL, TIME SLOT PARITY, FROM FANOUT BOARD (UN74) ON SHELF 0
F2(A,B)10 (1-8)(A,B)	2/8	OUTPUT OF FANOUT BOARD (UN74) ON SHELF 2 (A OR B) DATA STREAM TO ALL FABRIC SWITCH PACKS (TN242) ON SHELF 0. DATA THAT IS FANNED OUT IS FROM LINK INTERFACE 1 THROUGH 8, LINK A OR LINK B	L(1-8)(0,2)(A,B)BD(F,G)1	2/1-7, 13-20	LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF (0 OR 2) LINK (A OR B) ELEMENT INTERCONNECT FOR NET BAD (F OR G) BIT, ACTIVE HIGH	RS(1-3)	3/1	REMOTE START FROM CONTROL AND DISPLAY (SN412) IN TIME MULTIPLEXED CONTROL UNIT TO ALL POWER CONVERTERS	X10MLTSP	1/2	FROM FABRIC SWITCH 1 (TN242) ON SHELF 0 TO FANOUT BOARD (UN74) TTL SIGNAL TO BE TRANSLATED TO ECL FOR MESSAGE LINK INTERFACE (TN252) TIME SLOT PARITY
GRD(04,13) (016-178)	FS1-4	BACKPLANE GROUND PLANE	L(1-8)(0,2)(B,D,E)T161	2/1-7, 13-20	LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF (0 OR 2) TMS DERIVED CLOCK DISTRIBUTING 16MHZ WITHIN THE BOARD, ACTIVE HIGH	SHLFIDOP	1/1	SHELF INTERFACE (TN244) BOARD ID OPTION LEAD FOR EVEN OR ODD SWITCH UNIT CONFIGURATION	X10(A,B)HLB	2/9	FROM FABRIC SWITCH 1 (TN242) ON SHELF 0 (A OR B) DATA STREAM) VIA MESSAGE LINK INTERFACE (TN252) TO ECL TRANSLATION, ON SHELF 0, PORT B
10CS(0,2)C10	1/1,13	FROM TMS INTERFACE (TN269) IN TIME MULTIPLEXED CONTROL UNIT, CONTROL INFORMATION TO SHELF INTERFACE (TN244) ON SHELF (0 OR 2) CONTROL INPUT/OUTPUT	L(1-8)(0,2)(A,B)SWP1	2/1-7, 13-20	LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF (0 OR 2) LINK (A OR B) ELEMENT INTERCONNECT FOR NET SWITCH PARITY ERROR, WHICH IS PARITY ON DATA RETURNED FROM FABRIC PACKS, ACTIVE HIGH	SHL(0,2)CNSD	1/1,13	SHELF INTERFACE (TN244) ON SHELF (0 OR 2) CONTROL AND CONTROL DISTRIBUTION			
10CS(0,2)GTO	1/1,13	FROM TMS INTERFACE (TN269) IN TIME MULTIPLEXED CONTROL UNIT, CONTROL INFORMATION TO SHELF INTERFACE (TN244) ON SHELF (0 OR 2) GATE PULSE FOR GATING CONTROL I/O SIGNALS, ACTIVE LOW SIGNAL	L(1-8)(0,2)(A,B)DOF1	2/17, 13-20	LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF (0 OR 2) LINK (A OR B) ELEMENT INTERCONNECT FOR NET OUT OF FRAME ERROR, ACTIVE HIGH	SN(1-4)(0,2)CNL	1/2-5, 14-17	FABRIC SWITCH (1 THROUGH 4) (TN242) ON SHELF (0 OR 2) SWITCH CONFIGURATION AND ERROR REPORTING			
K016M(0,1)F0	2/8	FROM CLOCK INTERFACE (TN270) IN TIME MULTIPLEXED CONTROL UNIT, 16MHZ (0 OR 1 HALF OF BALANCED LINE) TO FANOUT BOARD (UN74) ON SHELF 0	L(1-8)(0,2)(A,B)LPRO	2/1-7, 13-20	LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF (0 OR 2) LINK (A OR B) ELEMENT INTERCONNECT FOR NET LINK PARITY ERROR 0, WHICH DISABLES THE F AND G BIT CHECK CIRCUITS AND INCREMENTS THE LINK ERROR COUNTER	SWITCH(1-4)(0,2)	2/9-12, 22-25	FABRIC SWITCH (1 THROUGH 4) (TN242) ON SHELF (0 OR 2) DATA SWITCHING			
K015I(0,1)F2	2/21	FROM CLOCK INTERFACE (TN270) IN TIME MULTIPLEXED CONTROL UNIT, 16MHZ (0 OR 1 HALF OF BALANCED LINE) TO FANOUT BOARD (UN74) ON SHELF 2	L(1-8)(0,2)(A,B)DPR1	2/1-7, 13-20	LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF (0 OR 2) LINK (A OR B) ELEMENT INTERCONNECT FOR NET ADDRESS PARITY ERROR, ACTIVE HIGH	S(0,2)CIERR1	1/1,13	FROM SHELF INTERFACE (TN244) ON SHELF (0 OR 2) CONTROL INFORMATION TO MAINTENANCE BOARD (TN265) IN TIME MULTIPLEXED CONTROL UNIT, ERROR LEAD, ACTIVE HIGH			
			L(1-8)(0,2)CONRG	2/1-7, 13-20	LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF (0 OR 2) ELEMENT INTERCONNECT FOR NET CONTROL REGISTER, WHICH ENABLES THE CLOCKING OF THE CONTROL REGISTER	S(0,2)CL(5-12)G0	1/1,13	FROM SHELF INTERFACE (TN244) ON SHELF (0 OR 2) CONTROL INFORMATION TO LINK INTERFACE (TN243) BOARD ID 5 THROUGH 12, ACTIVE LOW			

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TIME MULTIPLEXED SWITCH UNIT		ISSUE 6B
AT&T BELL LABORATORIES	SD-5D043-01	A3

DESIGNATION MNEMONICS INDEX

MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION
X(1-4)(0-2) (A-D)ENA(0-3)	1/2-5, 14-17	FABRIC SWITCH (1 THROUGH 4) (TN242) ON SHELF (0 OR 2) ELEMENT INTERCONNECT FOR NET (A,B,C OR D) ENABLE WHICH ENABLES ONE OF FOUR MULTIPLEXERS (0,1,2 OR 3) FOR BOTH DATA STREAMS 'A' AND 'B' SWITCHING	(1-8)0XMIT(A,B)	2/1-7	FROM LINK INTERFACE (1 THROUGH 8) (TN243) TO OPTIC TRANSMITTER ON LINK (A OR B)
X(1-4)(0-2) (A-D)SEL(0-2)	1/2-5, 14-17	FABRIC SWITCH (1 THROUGH 4) (TN242) ON SHELF (0 OR 2) ELEMENT INTERCONNECT FOR NET (A,B,C OR D) SELECT LEADS (0,1 OR 2) WHICH ARE USED TO SELECT ONE OF EIGHT DATA INPUT TO THE MULTIPLEXERS	(1-8)2XMIT(A,B)	2/13-20	FROM LINK INTERFACE (1 THROUGH 8) (TN243) TO OPTIC TRANSMITTER ON LINK (A OR B)
X(1-4)(0,2)(A,B)L (1-8)(0,2)(A,B)	2/9-12, 22-25	FROM FABRIC SWITCH (1 THROUGH 4) (TN242) ON SHELF (0 OR 2) (A OR B DATA STREAM) TO LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF (0 OR 2) (A OR B) LINK			
X(1-4)(0,2)CL (1-8)(0,2)P	1/2-5, 14-17	FROM FABRIC SWITCH (1 THROUGH 4) (TN242) ON SHELF (0 OR 2) CONTROL INFORMATION TO LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF (0 OR 2) PARITY BIT			
X(1-4)(0,2)CSE1	1/2-5, 14-17	FROM FABRIC SWITCH (1 THROUGH 4) (TN242) ON SHELF (0 OR 2) CONTROL INFORMATION TO SHELF INTERFACE (TN244) ON THE SAME SHELF, BOARD ERROR, ACTIVE HIGH			
X(1-4)(0,2)CKINC	2/9-12, 22-25	FABRIC SWITCH (1 THROUGH 4) (TN242) ON SHELF (0 OR 2) ELEMENT INTERCONNECT FOR NET CLOCK INPUT 'C' WHICH IS ONE OF THE 16MHZ CLOCKS DISTRIBUTED WITHIN THE BOARD			
X(1-4)(0,2)AR8K0	2/9-12, 22-25	FABRIC SWITCH (1 THROUGH 4) (TN242) ON SHELF (0 OR 2) ELEMENT INTERCONNECT FOR NET RESET 8KHZ SYNC PULSE FOR DISTRIBUTION WITHIN THE BOARD			
(1-8)0RCV(A,B)	2/27-53 ODD	FROM LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF 0, TO OPTIC RECEIVER ON LINK (A OR B)			
(1-8)2RCV(A,B)	2/55-85 ODD	FROM LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF 2, TO OPTIC RECEIVER ON LINK (A OR B)			
(1-8)0RFO(A,B)	2/27-53 ODD	FROM LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF 0, RECEIVER FIBER OPTIC NET LINK INPUT FROM INTERFACE MODULES, FOR LINK (A OR B)			
(1-8)2RFO(A,B)	2/55-85 ODD	FROM LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF 2, RECEIVER FIBER OPTIC NET LINK INPUT FROM INTERFACE MODULES, FOR LINK (A OR B)			
(1-8)0XFO(A,B)	2/26-52 EVEN	FROM LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF 0, TRANSMITTER FIBER OPTIC NET LINK OUTPUT TO INTERFACE MODULES FROM LINK (A OR B)			
(1-8)2XFO(A,B)	2/54-84 EVEN	FROM LINK INTERFACE (1 THROUGH 8) (TN243) ON SHELF 2, TRANSMITTER FIBER OPTIC NET LINK OUTPUT TO INTERFACE MODULES FROM LINK (A OR B)			

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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE C2
AT&T BELL LABORATORIES		ISSUE 6B
SD-50043-01		A4

APPARATUS INDEX

LEAD INDEX

EQUIP LOC APP NO. FIGURE SH NO.

DESIG FS/SYM APPFIG EQPT

DESIG FS/SYM APPFIG EQPT

DESIG FS/SYM APPFIG EQPT

DESIG FS/SYM CAD

DESIG FS/SYM CAD

DESIG FS/SYM CAD

CIRCUIT PACKS

CIRCUIT PACK-CP

FIBOPT REC

FIBOPT XMIT

CONN CRT

TIME MULTIPLEXED CONTROL UNIT (CONT)

TIME SLOT INTERCHANGER UNIT MODULE 06

04-032 10 C5
04-042 13 C6
04-052 12 C5
04-062 11 C5

CKDAF00 2/8 2 13-096
CKDAF02 2/21 10 04-096
L12CNTRL 1/18 10 04-072
L1210 2/13 10 04-072

OPRCV12A 2/55 10 05-072B
OPRCV12A 2/55 10 05-072B
OPRCV12B 2/57 4 03-072A
OPRCV12B 2/57 4 03-072A

OPXMT12A 2/54 10 05-072A
OPXMT12A 2/54 10 05-072A
OPXMT12B 2/56 4 03-072B
OPXMT12B 2/56 4 03-072B

GRD13032 1/1 010
SHLFIDOP 1/1 010

RS1 3/1 002
SBCIERR1 1/1 003
SBCIERR1 1/13 003
TBOAINF0 2/8 005

40RF08 2/37 007
40XF08 2/36 006

04-072 10 C5
04-080 12 C5
04-088 10 C5
04-096 10 C5

L20CNTRL 1/6 2 13-062
L2010 2/1 2 13-062
L22CNTRL 1/19 11 04-062
L2210 2/14 11 04-062

OPRCV20A 2/27 2 14-062B
OPRCV20A 2/27 2 14-062B
OPRCV20B 2/29 2 12-062A
OPRCV20B 2/29 2 12-062A

OPXMT20A 2/26 2 14-062A
OPXMT20A 2/26 2 14-062A
OPXMT20B 2/28 2 12-062B
OPXMT20B 2/28 2 12-062B

FUSE PANEL

TBOAINF2 2/21 005
TBOBINF0 2/8 005
TBOBINF2 2/21 005
TBOAINF0 2/8 005

TIME SLOT INTERCHANGER UNIT MODULE 07

04-108 14 C6
04-116 16 C6
04-126 14 C6
04-136 15 C6

L30CNTRL 1/7 3 13-052
L3010 2/2 3 13-052
L32CNTRL 1/20 12 04-052
L3210 2/15 12 04-052

OPRCV22A 2/59 11 05-062B
OPRCV22A 2/59 11 05-062B
OPRCV22B 2/61 4 03-062A
OPRCV22B 2/61 4 03-062A

OPXMT22A 2/58 11 05-062A
OPXMT22A 2/58 11 05-062A
OPXMT22B 2/60 4 03-062B
OPXMT22B 2/60 4 03-062B

-481A0 3/1 011
-48A2 5/5 011
-48B0 5/2 011
-48B2 3/4 011
-48L1A0 2/3 011
-48L1A2 2/16 011
-48L1B0 2/7 011
-48L1B2 2/20 011

TBIAINF2 2/21 005
TBIBINF0 2/8 005
TBIBINF2 2/21 005
XOAMLOF0 2/8 005

50RFOA 2/39 007
50XF0A 2/38 006

04-146 16 C6
04-156 17 C7
13-052 2 C2
13-080 3 C2
13-088 2 C2

L40CNTRL 1/8 5 13-042
L4010 2/3 5 13-042
L42CNTRL 1/21 13 04-042
L4210 2/16 13 04-042

OPRCV30A 2/31 3 14-052B
OPRCV30A 2/31 3 14-052B
OPRCV30B 2/33 4 12-052A
OPRCV30B 2/33 4 12-052A

OPXMT30A 2/30 3 14-052A
OPXMT30A 2/30 3 14-052A
OPXMT30B 2/32 4 12-052B
OPXMT30B 2/32 4 12-052B

-48RTA0 3/1 011
-48RTA2 3/3 011
-48RTB0 3/2 011
-48RTB2 3/4 011

XOBLMLO 2/8 005
XOMLTSP0 2/8 005
X1AMLO 2/8 005
X1BLMLO 2/8 005

TIME SLOT INTERCHANGER UNIT MODULE 08

13-052 3 C2
13-062 2 C2
13-080 3 C2
13-088 2 C2

L50CNTRL 1/9 6 13-126
L5010 2/4 6 13-126
L52CNTRL 1/22 14 04-126
L5210 2/17 14 04-126

OPRCV32A 2/63 12 05-052B
OPRCV32A 2/63 12 05-052B
OPRCV32B 2/65 4 03-052A
OPRCV32B 2/65 4 03-052A

OPXMT32A 2/62 12 05-052A
OPXMT32A 2/62 12 05-052A
OPXMT32B 2/64 4 03-052B
OPXMT32B 2/64 4 03-052B

TIME MULTIPLEXED CONTROL UNIT

X1MLTSP0 2/8 005

TIME SLOT INTERCHANGER UNIT MODULE 09

13-096 2 C2
13-108 6 C4
13-116 8 C4
13-126 6 C4

L60CNTRL 1/10 7 13-136
L6010 2/5 7 13-136
L62CNTRL 1/23 15 04-136
L6210 2/18 15 04-136

OPRCV40A 2/35 5 14-042B
OPRCV40A 2/35 5 14-042B
OPRCV40B 2/37 4 12-042A
OPRCV40B 2/37 4 12-042A

OPXMT40A 2/34 5 14-042A
OPXMT40A 2/34 5 14-042A
OPXMT40B 2/36 4 12-042B
OPXMT40B 2/36 4 12-042B

-5CA 2/11 011
-5CB 2/24 011
-CURPRM 1/1 002
+CURPRM 1/1 002

TIME SLOT INTERCHANGER UNIT MODULE 01

60RFOA 2/43 007
60XF0A 2/42 006

13-136 7 C4
13-146 8 C4
13-156 9 C4

L70CNTRL 1/11 8 13-146
L7010 2/6 8 13-146
L72CNTRL 1/24 16 04-146
L7210 2/19 16 04-146

OPRCV42A 2/67 13 05-042B
OPRCV42A 2/67 13 05-042B
OPRCV42B 2/69 4 03-042A
OPRCV42B 2/69 4 03-042A

OPXMT42A 2/66 13 05-042A
OPXMT42A 2/66 13 05-042A
OPXMT42B 2/68 4 03-042B
OPXMT42B 2/68 4 03-042B

+00SA2 3/3 002
+00SCA1 3/1 002
ALM1 3/1 002
CARD 3/1 002

TIME SLOT INTERCHANGER UNIT MODULE 02

60RFOB 2/45 007
60XF0B 2/44 006

DESIG CKDAF00 2 C2
CKDAF02 10 C5
SHLZCNDS 10 C5
SHLGNDS 2 C2

L80CNTRL 1/12 9 13-156
L8010 2/7 9 13-156
L82CNTRL 1/25 17 04-156
L8210 2/20 17 04-156

OPRCV50A 2/39 6 14-126B
OPRCV50A 2/39 6 14-126B
OPRCV50B 2/41 4 12-126A
OPRCV50B 2/41 4 12-126A

OPXMT50A 2/38 6 14-126A
OPXMT50A 2/38 6 14-126A
OPXMT50B 2/40 4 12-126B
OPXMT50B 2/40 4 12-126B

GRD04032 1/13 003
GRD04032 1/13 003
GRD04032 1/13 003
GRD04096 2/21 004,005

TIME SLOT INTERCHANGER UNIT MODULE 03

70RFOA 2/47 007
70XF0A 2/46 006

SHLZCNDS 1/13 10 04-032
SHLGNDS 1/1 2 13-032
SW10CNTRL 1/2 2 13-088
SW12CNTRL 1/14 10 04-088

SW20CNTRL 1/3 3 13-080
SW22CNTRL 1/15 12 04-080
SW30CNTRL 1/4 6 13-108
SW32CNTRL 1/16 14 04-108

OPRCV60A 2/43 7 14-136B
OPRCV60A 2/43 7 14-136B
OPRCV60B 2/45 4 12-136A
OPRCV60B 2/45 4 12-136A

OPXMT60A 2/42 7 14-136A
OPXMT60A 2/42 7 14-136A
OPXMT60B 2/44 4 12-136B
OPXMT60B 2/44 4 12-136B

GRD04108 2/24 011
GRD13032 1/1 003
GRD13032 1/1 003
GRD13032 1/1 003

TIME SLOT INTERCHANGER UNIT MODULE 04

30RFOA 2/31 007
30XF0A 2/30 006

SW40CNTRL 1/5 8 13-116
SW42CNTRL 1/17 16 04-116
SWITCH10 2/9 2 13-088
SWITCH12 2/22 10 04-088

OPRCV62A 2/75 15 05-136B
OPRCV62A 2/75 15 05-136B
OPRCV62B 2/77 4 03-136A
OPRCV62B 2/77 4 03-136A

OPXMT62A 2/74 15 05-136A
OPXMT62A 2/74 15 05-136A
OPXMT62B 2/76 4 03-136B
OPXMT62B 2/76 4 03-136B

GRD13096 2/8 004,005
GRD13108 2/11 011
I0CS0C10 1/1 003
I0CS0GT0 1/1 003

TIME SLOT INTERCHANGER UNIT MODULE 05

40RFOA 2/35 007
40XF0A 2/34 006

SWITCH20 2/10 3 13-080
SWITCH22 2/23 12 04-080
SWITCH30 2/11 6 13-108
SWITCH32 2/24 14 04-108

OPRCV70A 2/47 8 14-146B
OPRCV70A 2/47 8 14-146B
OPRCV70B 2/49 4 12-146A
OPRCV70B 2/49 4 12-146A

OPXMT70A 2/46 8 14-146A
OPXMT70A 2/46 8 14-146A
OPXMT70B 2/48 4 12-146B
OPXMT70B 2/48 4 12-146B

I0ES2C10 1/13 003
I0ES2GT0 1/13 003
K08K0F0 2/8 004
K08K0F2 2/21 004

TIME SLOT INTERCHANGER UNIT MODULE 06

50RFOA 2/51 007
50XF0A 2/50 006

SWITCH40 2/12 8 13-116
SWITCH42 2/25 16 04-116

OPRCV72A 2/79 16 05-146B
OPRCV72A 2/79 16 05-146B
OPRCV72B 2/81 4 03-146A
OPRCV72B 2/81 4 03-146A

OPXMT72A 2/78 16 05-146A
OPXMT72A 2/78 16 05-146A
OPXMT72B 2/80 4 03-146B
OPXMT72B 2/80 4 03-146B

K08K1F0 2/8 004
K08K1F2 2/21 004
K016M3F0 2/8 004
K016M3F2 2/21 004

TIME SLOT INTERCHANGER UNIT MODULE 07

60RFOA 2/49 007
60XF0A 2/48 006

CONVERTER

OPRCV80A 2/51 9 14-156B
OPRCV80A 2/51 9 14-156B
OPRCV80B 2/53 4 12-156A
OPRCV80B 2/53 4 12-156A

OPXMT80A 2/50 9 14-156A
OPXMT80A 2/50 9 14-156A
OPXMT80B 2/52 4 12-156B
OPXMT80B 2/52 4 12-156B

K016M1F0 2/8 004
K016M1F2 2/21 004
ML0AINF0 2/8 005
ML0AINF2 2/21 005

TIME SLOT INTERCHANGER UNIT MODULE 08

70RFOA 2/47 007
70XF0A 2/46 006

PHR-5A0 3/1 2 13-016
PHR-5A2 3/3 7 04-016
PHR-5B0 3/2 6 13-178
PHR-5B2 3/4 6 04-178

OPRCV82A 2/83 17 05-156B
OPRCV82A 2/83 17 05-156B
OPRCV82B 2/85 4 03-156A
OPRCV82B 2/85 4 03-156A

OPXMT82A 2/82 17 05-156A
OPXMT82A 2/82 17 05-156A
OPXMT82B 2/84 4 03-156B
OPXMT82B 2/84 4 03-156B

ML1BINF0 2/8 005
ML1BINF2 2/21 005
RS1 3/1 002
RS2 3/1 002

TIME SLOT INTERCHANGER UNIT MODULE 09

80RFOA 2/51 007
80XF0A 2/50 006

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TIME MULTIPLEXED SWITCH UNIT

DWG SIZE C2 ISSUE 6B

AT&T BELL LABORATORIES SD-SD043-01 A5

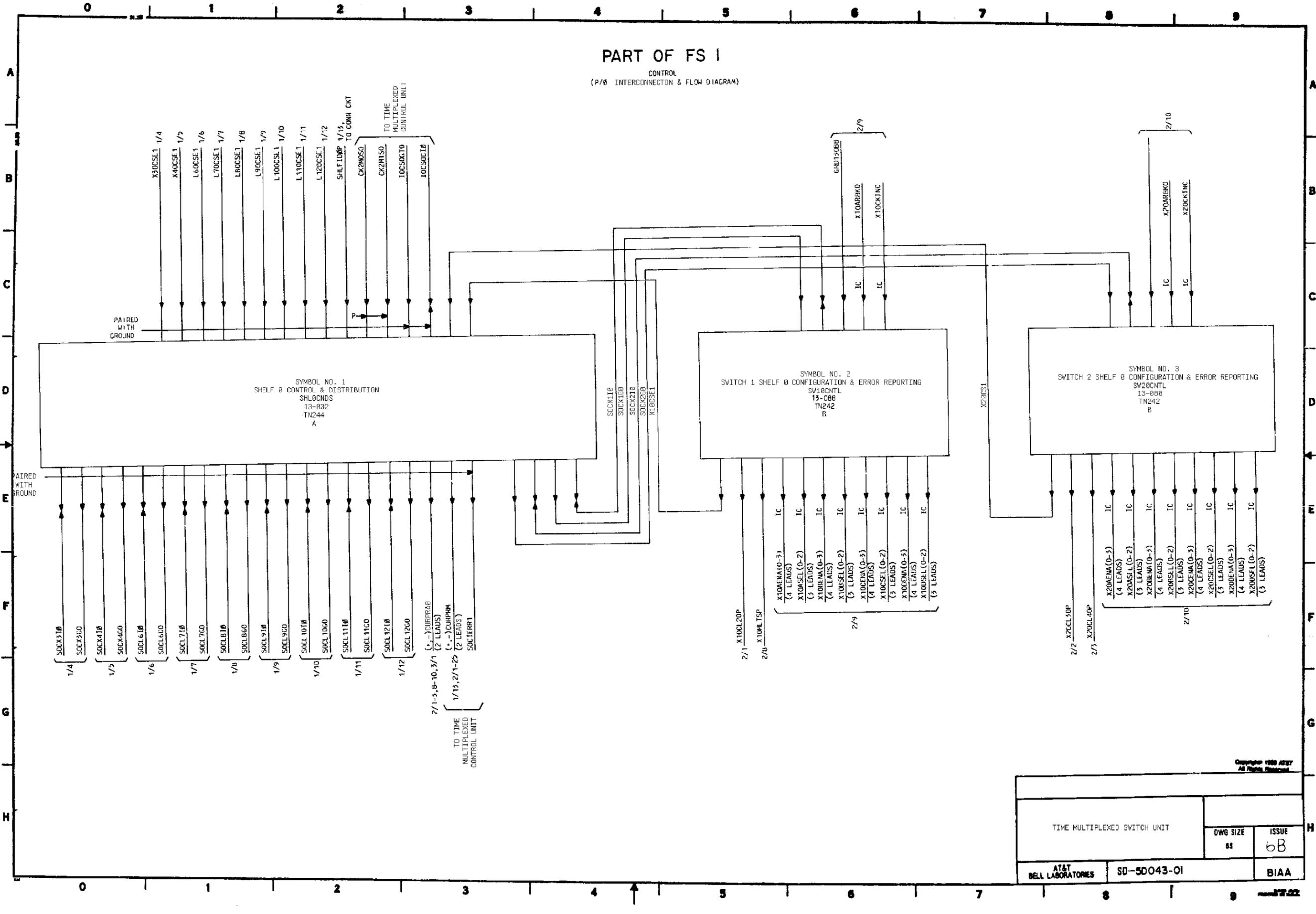
LEAD INDEX (CONT)

DESIG	LOCATION		DESIG	LOCATION		DESIG	LOCATION	
	FS/SYM	CAD		FS/SYM	CAD		FS/SYM	CAD
TIME SLOT INTERCHANGER UNIT MODULE 14			TIME SLOT INTERCHANGER UNIT MODULE 24			TRANSMISSION RATE CONVERTER UNIT FOR (CRM)		
08RF0B	2/53	007	52RF0B	2/73	007	(CONT)		
08XF0B	2/52	006	52XF0B	2/72	006	32XF0B	2/64	006
TIME SLOT INTERCHANGER UNIT MODULE 15			TIME SLOT INTERCHANGER UNIT MODULE 25			40RF0A	2/35	007
12RF0A	2/55	007	62RF0A	2/75	007	40RF0B	2/37	007
12XF0A	2/54	006	62XF0A	2/74	006	40XF0A	2/34	006
TIME SLOT INTERCHANGER UNIT MODULE 16			TIME SLOT INTERCHANGER UNIT MODULE 26			42XF0B	2/36	006
12RF0B	2/57	007	62RF0B	2/77	007	42RF0A	2/67	007
12XF0B	2/56	006	62XF0B	2/76	006	42RF0B	2/69	007
TIME SLOT INTERCHANGER UNIT MODULE 17			TIME SLOT INTERCHANGER UNIT MODULE 27			42XF0A	2/66	006
22RF0A	2/59	007	72RF0A	2/79	007	50XF0B	2/68	006
22XF0A	2/58	006	72XF0A	2/78	006	50RF0A	2/39	007
TIME SLOT INTERCHANGER UNIT MODULE 18			TIME SLOT INTERCHANGER UNIT MODULE 28			50RF0B	2/41	007
22RF0B	2/61	007	72RF0B	2/81	007	50XF0A	2/38	006
22XF0B	2/60	006	72XF0B	2/80	006	52RF0A	2/40	006
TIME SLOT INTERCHANGER UNIT MODULE 19			TIME SLOT INTERCHANGER UNIT MODULE 29			52RF0B	2/71	007
32RF0A	2/63	007	82RF0A	2/83	007	52XF0B	2/73	007
32XF0A	2/62	006	82XF0A	2/82	006	52XF0A	2/70	006
TIME SLOT INTERCHANGER UNIT MODULE 20			TIME SLOT INTERCHANGER UNIT MODULE 30			60XF0B	2/44	006
32RF0B	2/65	007	82RF0B	2/85	007	60RF0A	2/43	007
32XF0B	2/64	006	82XF0B	2/84	006	60RF0B	2/45	007
TIME SLOT INTERCHANGER UNIT MODULE 21			TRANSMISSION RATE CONVERTER UNIT FOR (CRM)			60XF0A	2/42	006
42RF0A	2/67	007	12RF0A	2/55	007	70XF0B	2/44	006
42XF0A	2/66	006	12RF0B	2/57	007	70RF0A	2/47	007
TIME SLOT INTERCHANGER UNIT MODULE 22			12XF0A	2/54	006	70RF0B	2/49	007
42RF0B	2/69	007	12XF0B	2/56	006	70XF0A	2/46	006
42XF0B	2/68	006	20RF0A	2/27	007	72RF0A	2/48	006
TIME SLOT INTERCHANGER UNIT MODULE 23			20RF0B	2/29	007	72RF0B	2/49	007
52RF0A	2/71	007	20XF0A	2/26	006	72XF0A	2/78	006
52XF0A	2/70	006	20XF0B	2/28	006	72XF0B	2/80	006
			22RF0A	2/59	007	80RF0A	2/51	007
			22RF0B	2/61	007	80RF0B	2/53	007
			22XF0A	2/58	006	80XF0A	2/50	006
			22XF0B	2/60	006	80XF0B	2/52	006
			30RF0A	2/31	007	82RF0A	2/83	007
			30RF0B	2/33	007	82RF0B	2/85	007
			30XF0A	2/30	006	82XF0A	2/82	006
			30XF0B	2/32	006	82XF0B	2/84	006
			32RF0A	2/63	007			
			32RF0B	2/65	007			
			32XF0A	2/62	006			

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TIME MULTIPLEXED SWITCH UNIT	DWG SIZE C2	ISSUE 6B
AT&T BELL LABORATORIES	SD-50043-01	A6

PART OF FS I

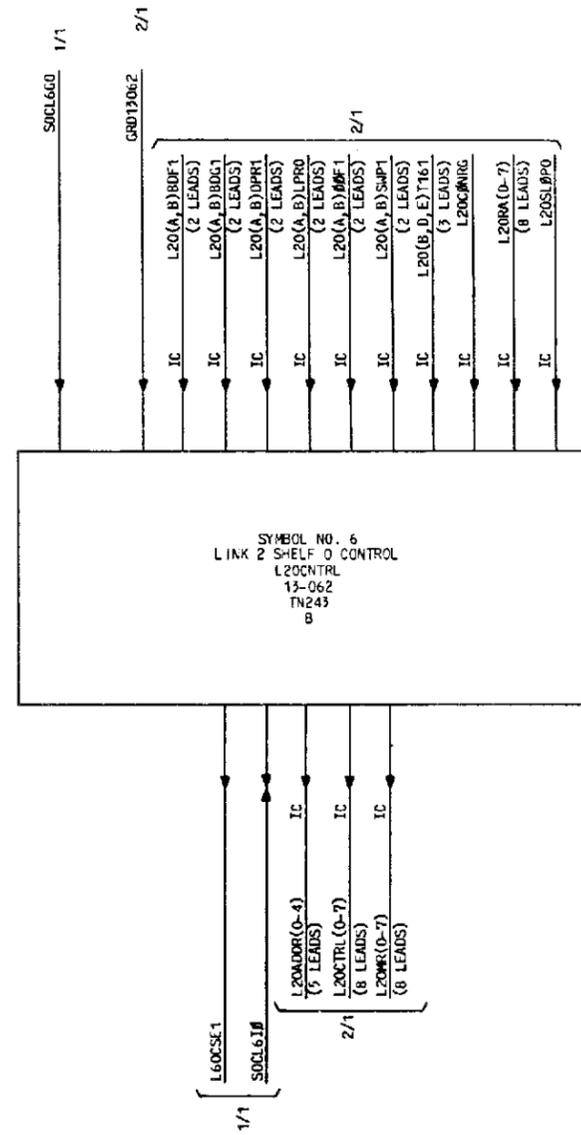
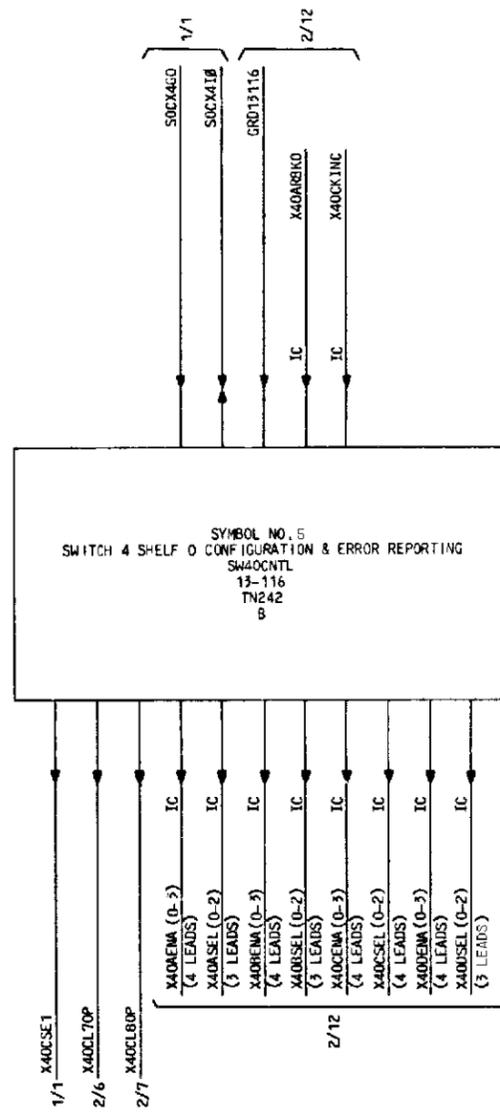
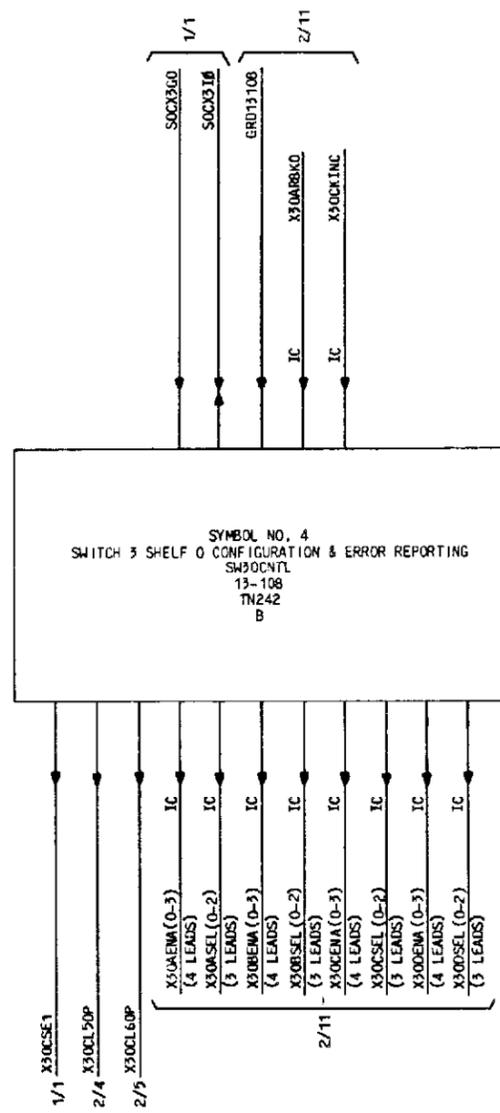
CONTROL
(P/B INTERCONNECT & FLOW DIAGRAM)



TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		84	6B
AT&T BELL LABORATORIES	SD-50043-01	BIAA	

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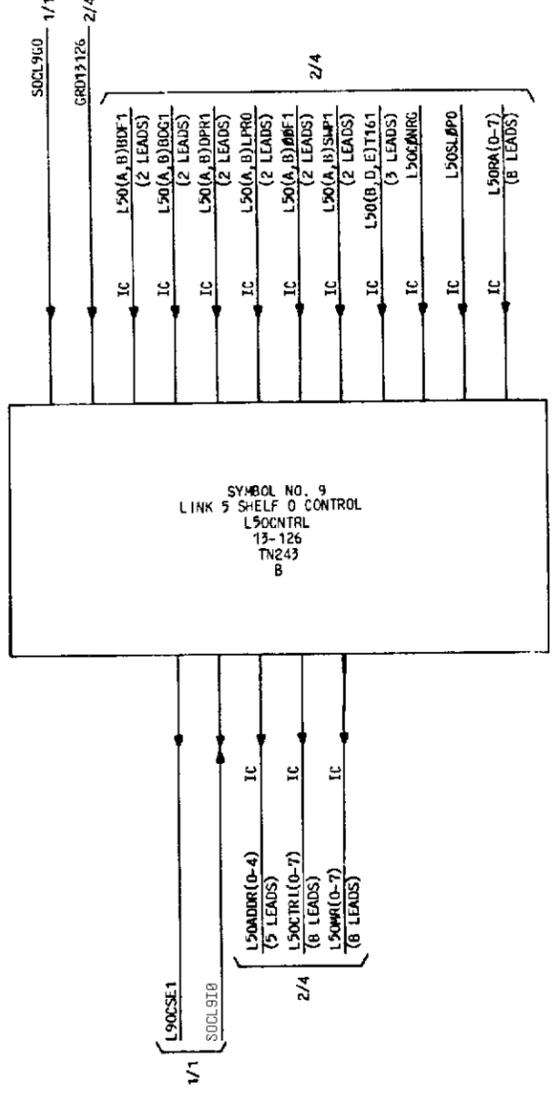
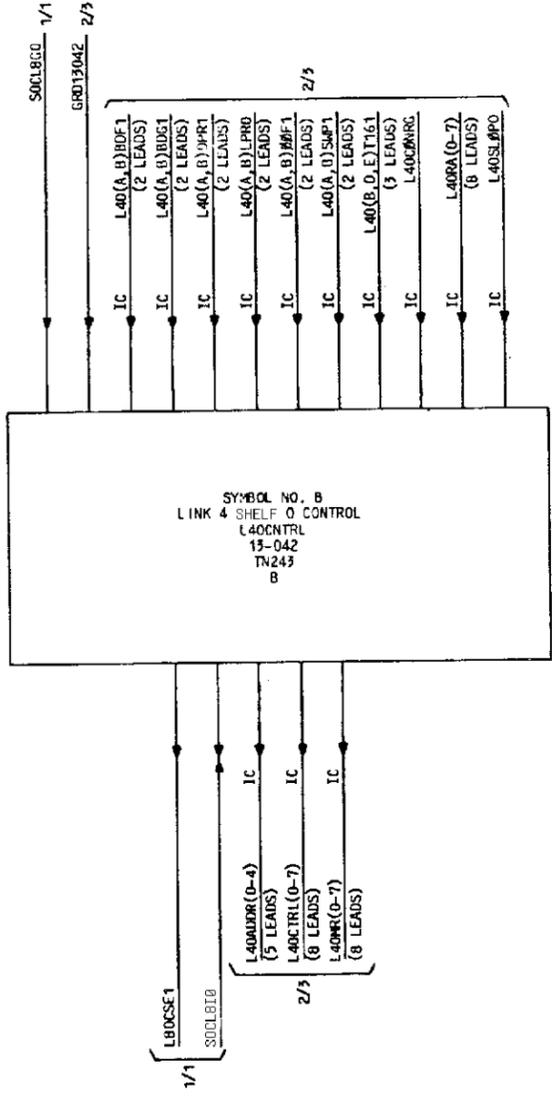
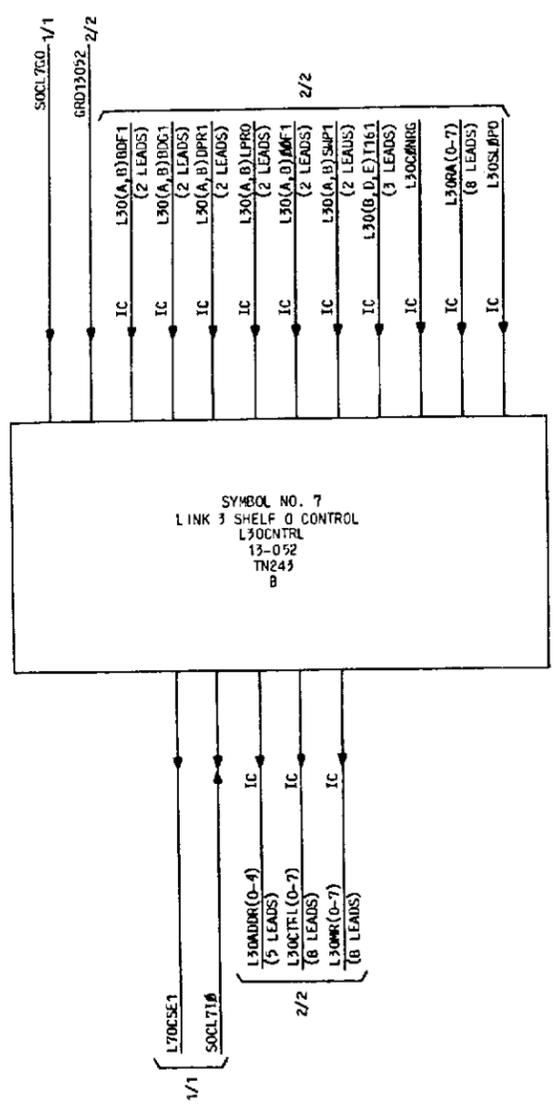
PART OF FS I
CONTROL
(P/B INTERCONNECTION & FLOW DIAGRAM)



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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		68	6B
AT&T BELL LABORATORIES	SD-50043-01	BIAB	

PART OF FS I
CONTROL
(P/B INTERCONNECTION & FLOW DIAGRAM)

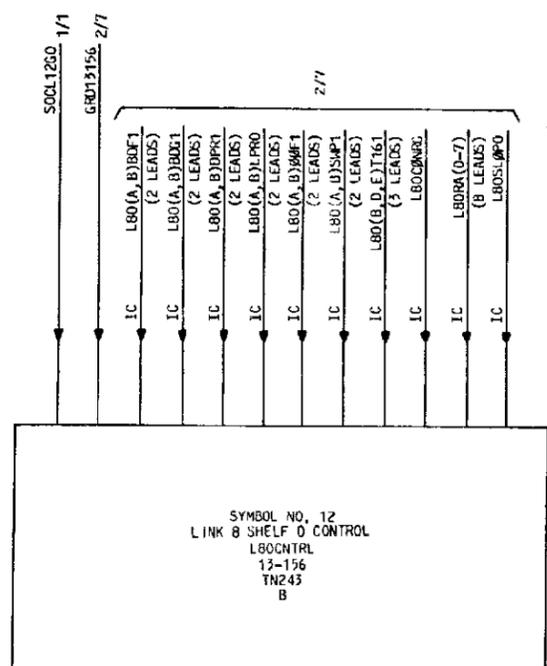
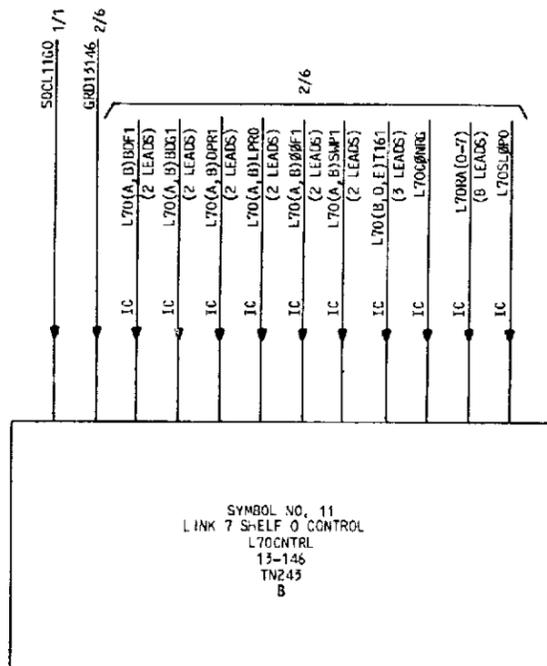
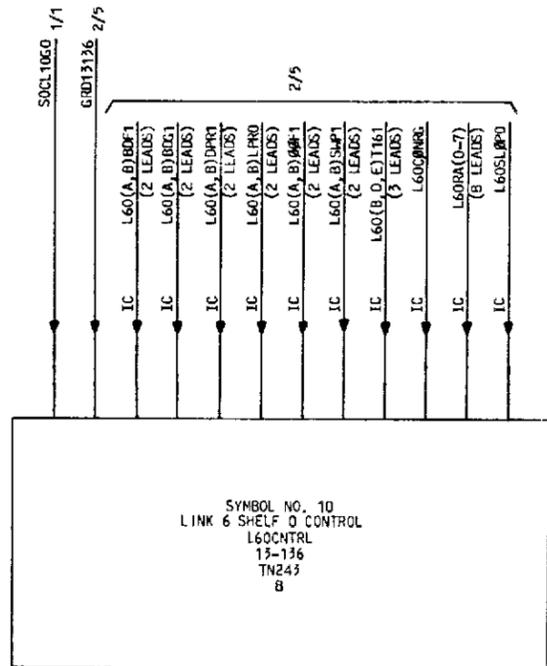


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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		65	6B
AT&T BELL LABORATORIES	SD-5D043-01	BIAC	

PART OF FS I

CONTROL
(P/P INTERCONNECTION & FLOW DIAGRAM)

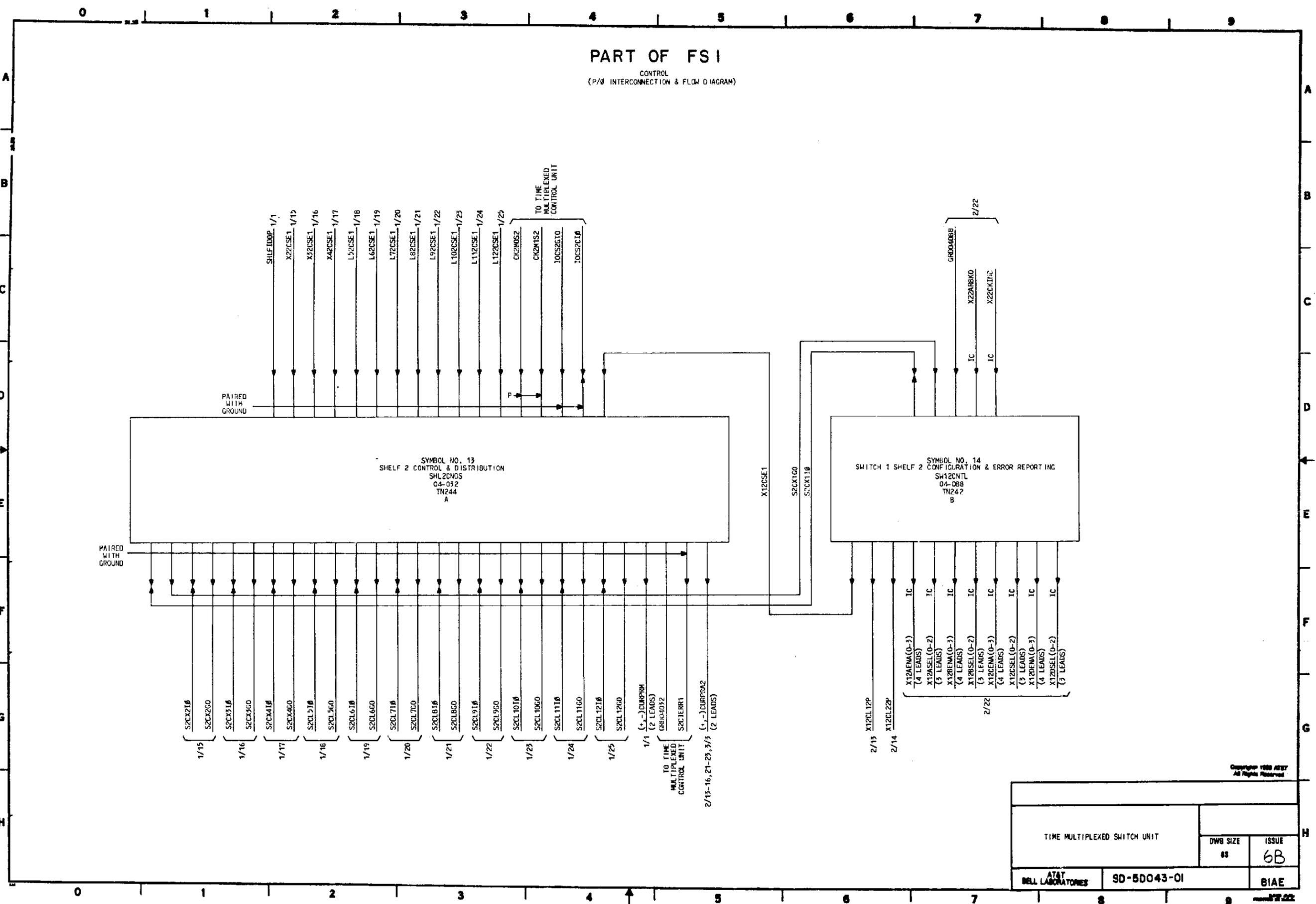


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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		68	6B
AT&T BELL LABORATORIES		SB-50043-01	
		BIAD	

FORM 57-22

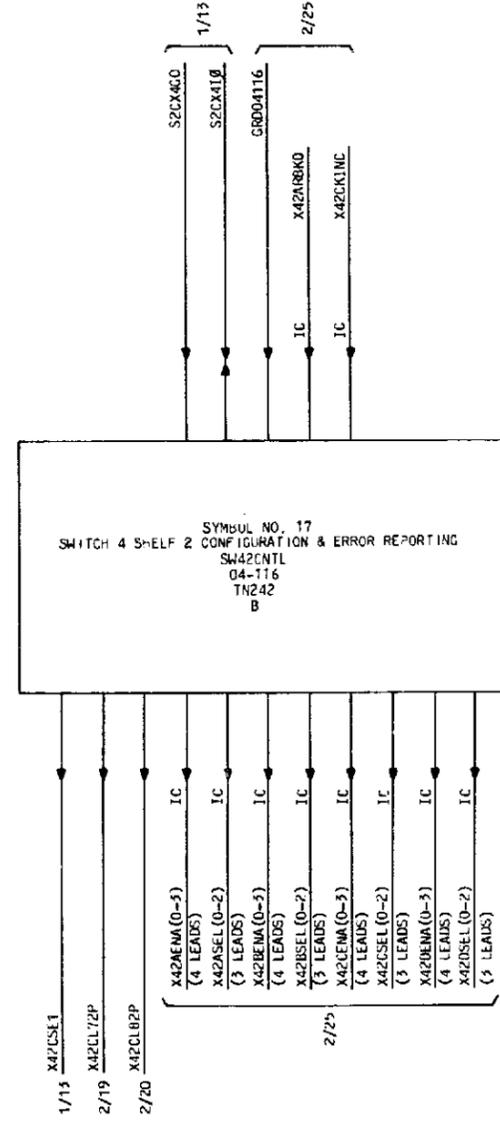
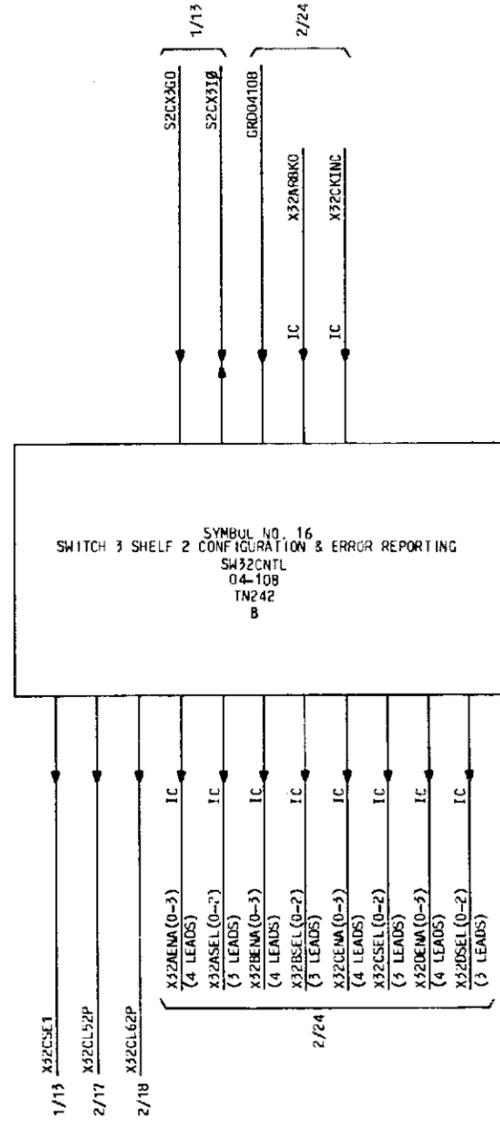
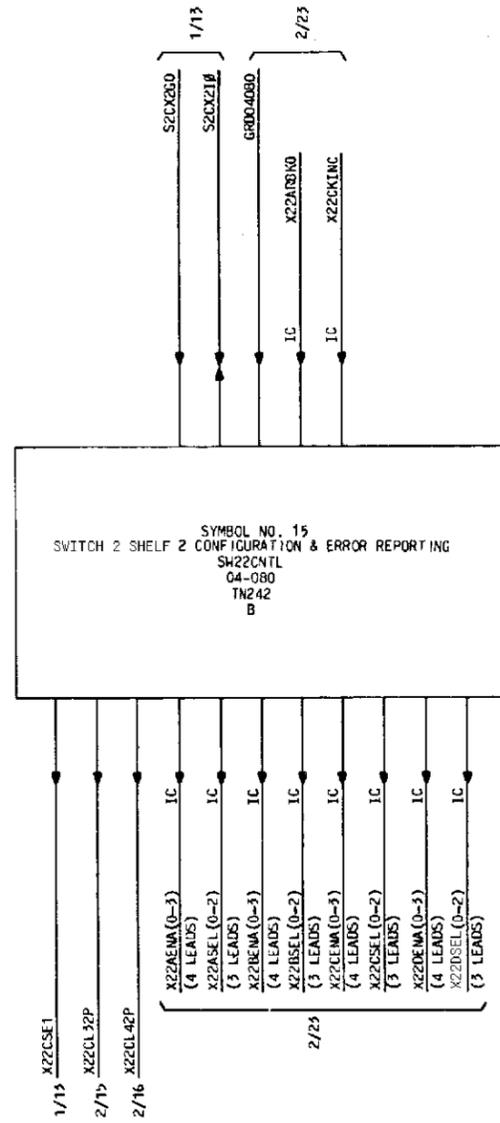
PART OF FS I
CONTROL
(P/O INTERCONNECTION & FLOW DIAGRAM)



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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		68	6B
AT&T BELL LABORATORIES	SD-5D043-01	BIAE	

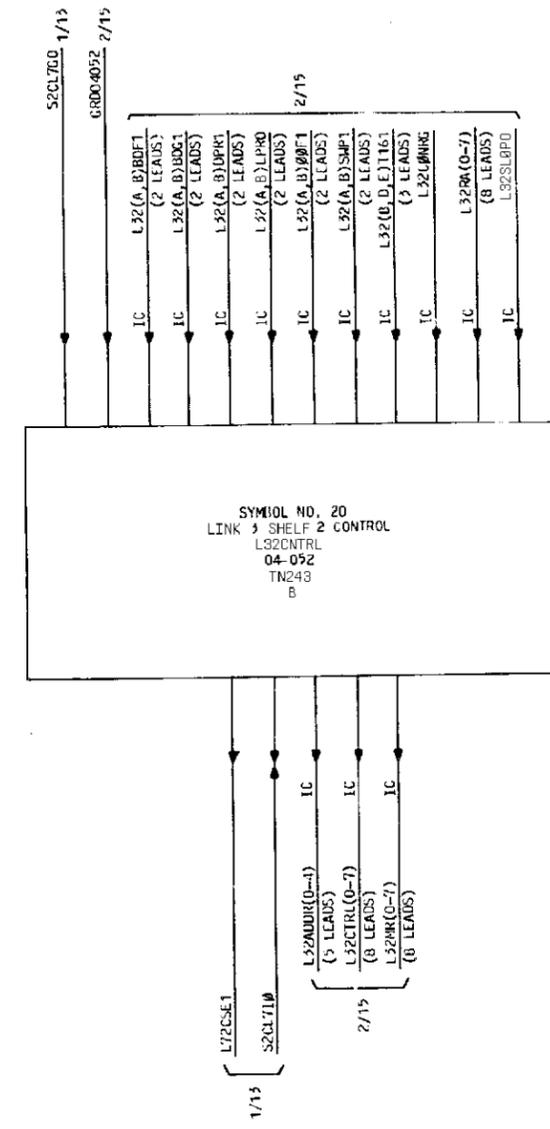
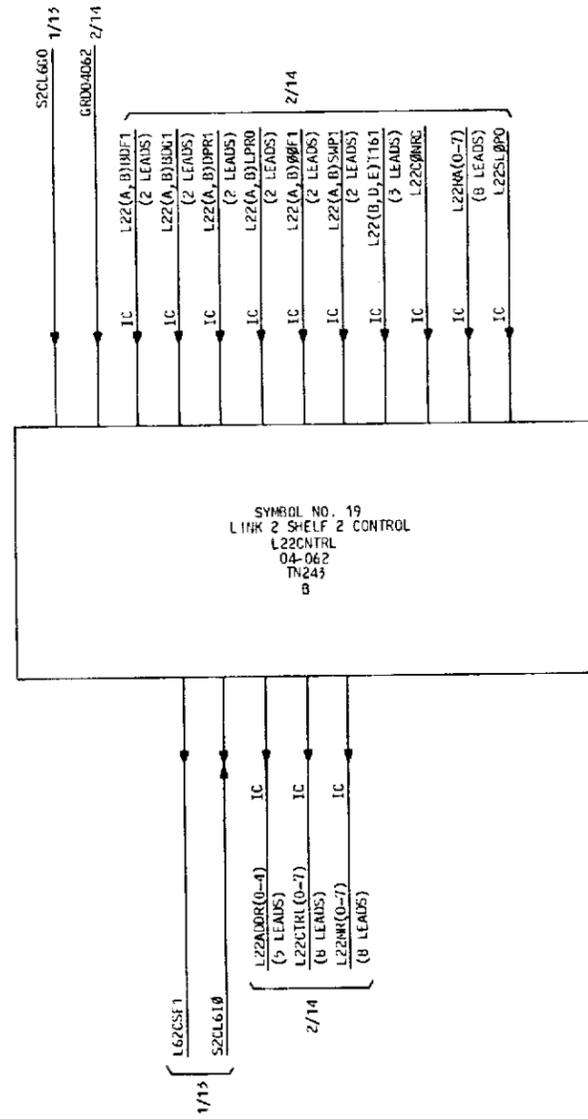
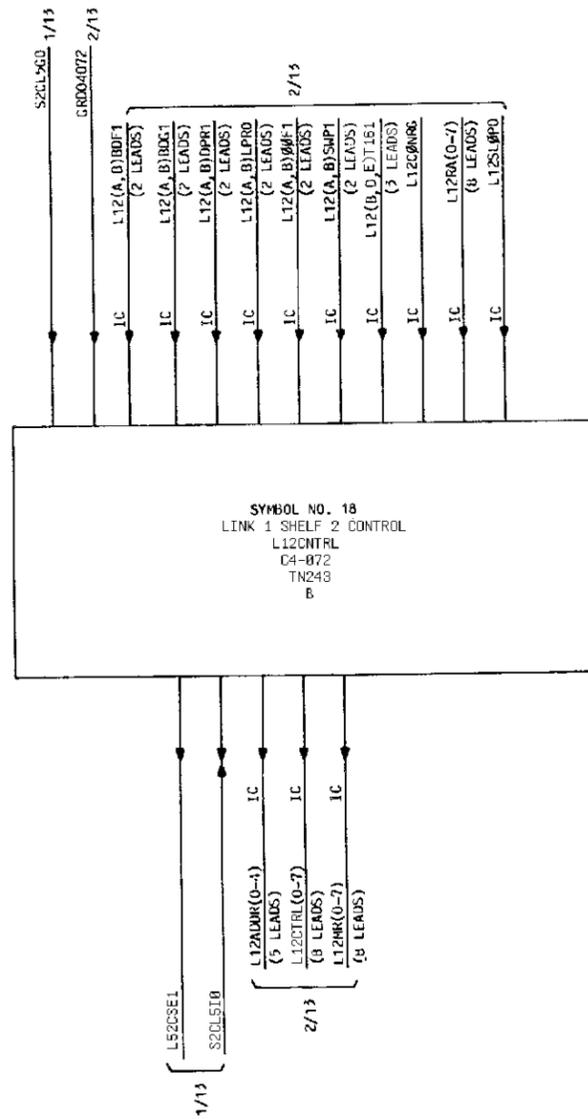
PART OF FS1
CONTROL
(P/D INTERCONNECTION & FLOW DIAGRAM)



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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		11	6B
AT&T BELL LABORATORIES	SD-50043-01	BIAF	

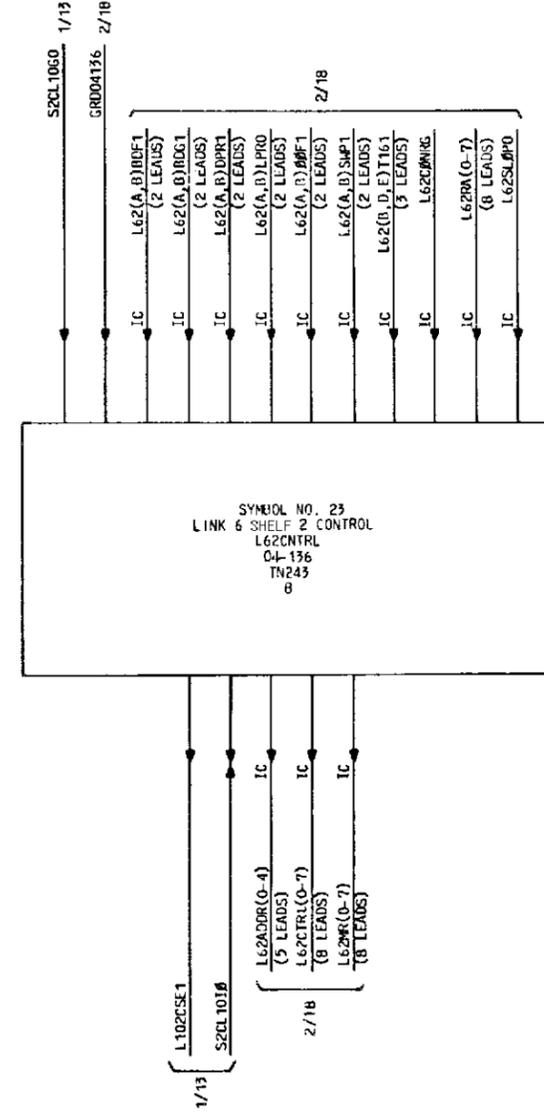
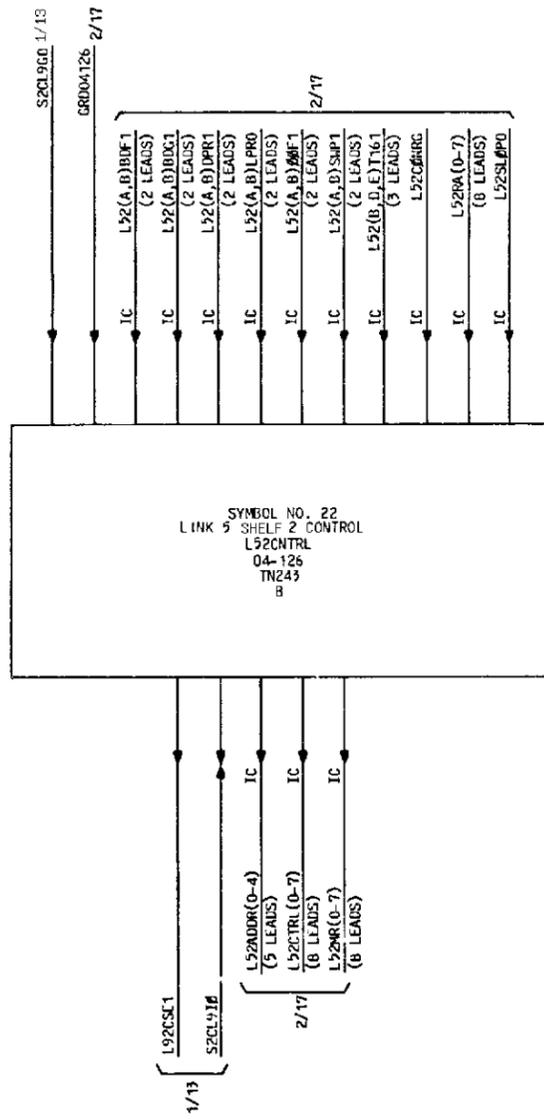
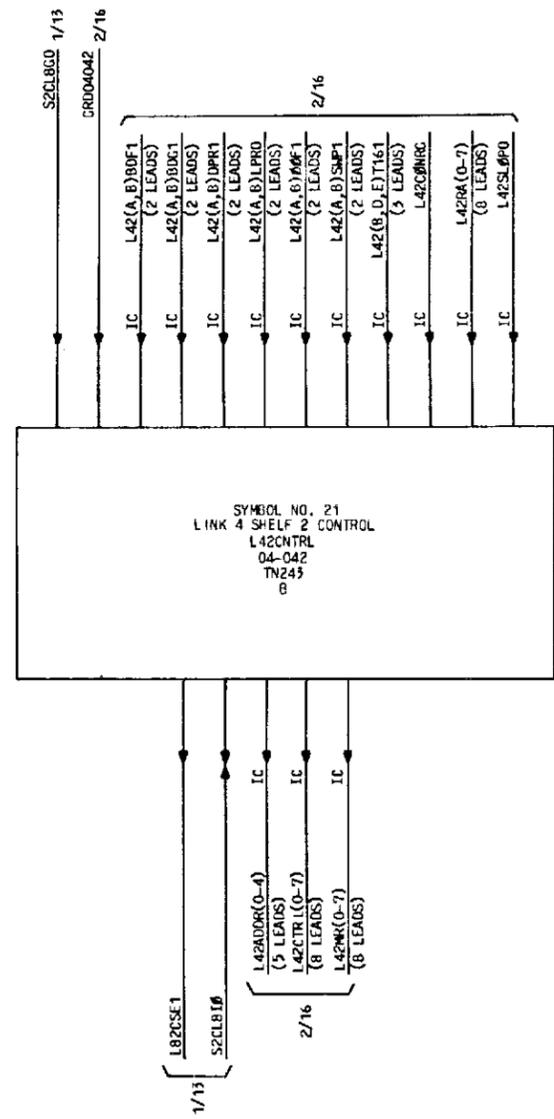
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CONTROL
(P/B INTERCONNECTION & FLOW DIAGRAM)



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TIME MULTIPLEXED SWITCH UNIT	DWG SIZE	ISSUE
	03	6B
AT&T BELL LABORATORIES	SD-50043-01	BIAG

PART OF FS I
CONTROL
(P/O INTERCONNECTION & FLOW DIAGRAM)

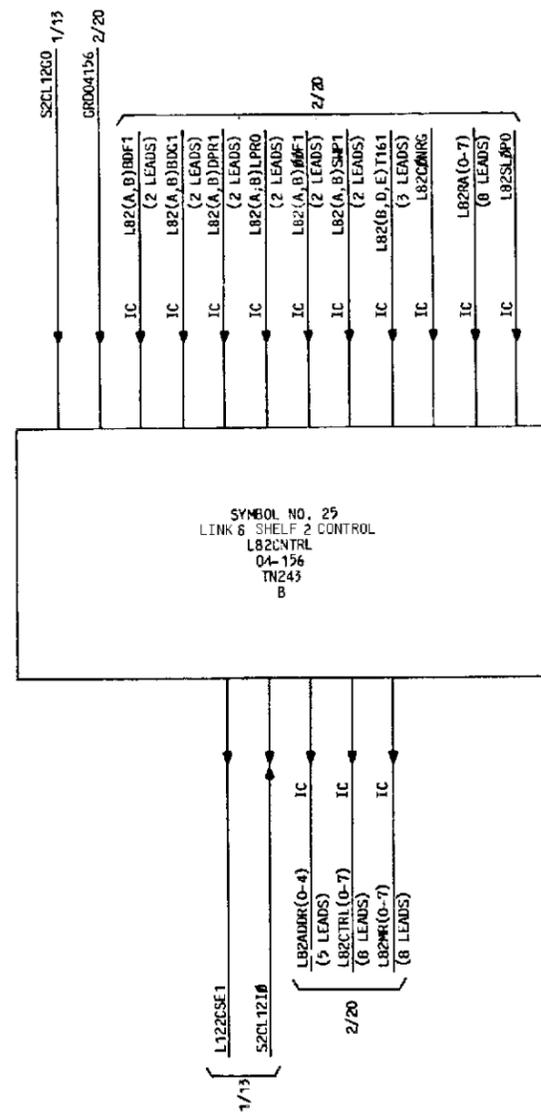
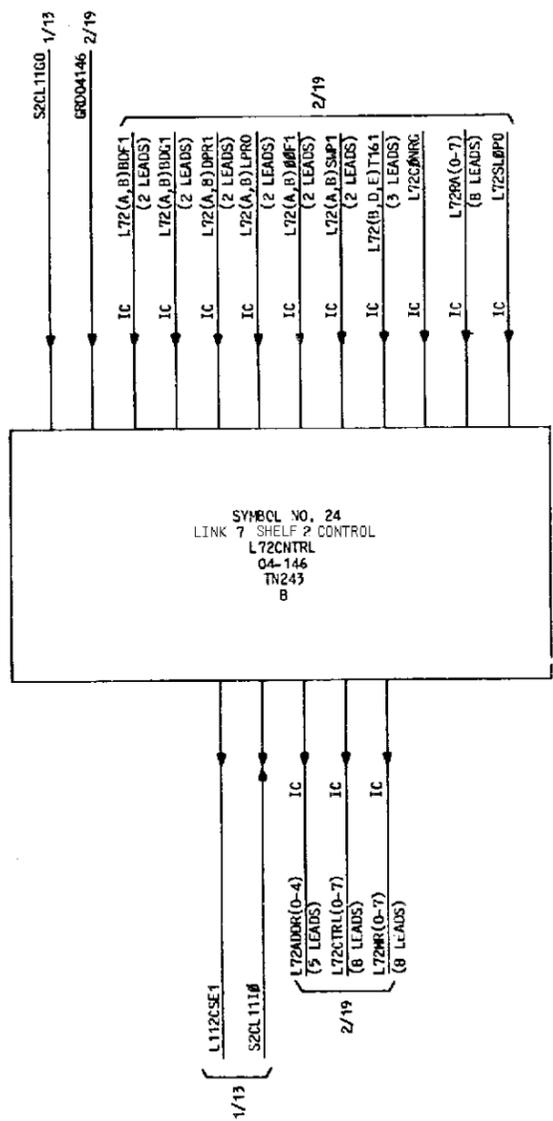


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TIME MULTIPLEXED SWITCH UNIT		DWB SIZE	ISSUE
		03	6B
AT&T BELL LABORATORIES		SD-5D043-01	
		BIAH	

FORM 10-72

PART OF FS I
CONTROL
(P/B INTERCONNECTION & FLOW DIAGRAM)



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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		68	6B
AT&T BELL LABORATORIES	SD-5D043-01	BIAJ	

FORM 22

PART OF FS 1
CONTROL

SYMBOL NO. 2

SWITCH 1 SHELF 0 CONFIGURATION & ERROR REPORTING

SYMBOL NO. 3

SWITCH 2 SHELF 0 CONFIGURATION & ERROR REPORTING

SYMBOL NO. 4

SWITCH 3 SHELF 0 CONFIGURATION & ERROR REPORTING

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	
SW10CNTL	13-088	TR242	8		
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
GRD13088	I	WID011	014	2/9	
NC	I	WID111	015	1/1	
	I	WID211	016	1/1	
	I	WID311	017	1/1	
	I	WID411	018	1/1	
SOCK100	I	GATE0	044	1/1	
SOCK110	IO	CTL101	212	1/1	
X10AENAO	I	AENA00	IC	2/9	
X10AENA1	O	AENA10	IC	2/9	
X10AENA2	O	AENA20	IC	2/9	
X10AENA3	O	AENA30	IC	2/9	
X10AENA4	O	AENA40	IC	2/9	
X10AENA5	O	AENA50	IC	2/9	
X10AENA6	O	AENA60	IC	2/9	
X10AENA7	O	AENA70	IC	2/9	
X10ARBK0	I	ARSETBK0	IC	2/9	
X10ASEL0	O	ASEL01	IC	2/9	
X10ASEL1	O	ASEL11	IC	2/9	
X10ASEL2	O	ASEL21	IC	2/9	
X10BENA0	O	BENA00	IC	2/9	
X10BENA1	O	BENA10	IC	2/9	
X10BENA2	O	BENA20	IC	2/9	
X10BENA3	O	BENA30	IC	2/9	
X10BENA4	O	BENA40	IC	2/9	
X10BENA5	O	BENA50	IC	2/9	
X10BENA6	O	BENA60	IC	2/9	
X10BENA7	O	BENA70	IC	2/9	
X10BSEL0	O	BSEL01	IC	2/9	
X10BSEL1	O	BSEL11	IC	2/9	
X10BSEL2	O	BSEL21	IC	2/9	
X10CENA0	O	CENA00	IC	2/9	
X10CENA1	O	CENA10	IC	2/9	
X10CENA2	O	CENA20	IC	2/9	
X10CENA3	O	CENA30	IC	2/9	
X10CENA4	O	CENA40	IC	2/9	
X10CENA5	O	CENA50	IC	2/9	
X10CENA6	O	CENA60	IC	2/9	
X10CENA7	O	CENA70	IC	2/9	
X10CK1NC	I	CLK1N1C	IC	2/9	
X10CL20P	O	BTSOP0	142	2/1	
X10CSEL0	O	CSEL01	IC	2/9	
X10CSEL1	O	CSEL11	IC	2/9	
X10CSEL2	O	CSEL21	IC	2/9	
X10CSE1	O	ERROR1	313	1/1	
X10DENA0	O	DENA00	IC	2/9	
X10DENA1	O	DENA10	IC	2/9	
X10DENA2	O	DENA20	IC	2/9	
X10DENA3	O	DENA30	IC	2/9	
X10DENA4	O	DENA40	IC	2/9	
X10DENA5	O	DENA50	IC	2/9	
X10DENA6	O	DENA60	IC	2/9	
X10DENA7	O	DENA70	IC	2/9	
X10DSEL0	O	DSEL01	IC	2/9	
X10DSEL1	O	DSEL11	IC	2/9	
X10DSEL2	O	DSEL21	IC	2/9	
X10MLTSP	O	ATSOP0	144	2/8	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	
SW20CNTL	13-080	TR242	8	3	
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
GRD13080	I	WID111	015	2/10	
NC	I	WID011	014	1/1	
	I	WID211	016	1/1	
	I	WID311	017	1/1	
	I	WID411	018	1/1	
SOCK200	I	GATE0	044	1/1	
SOCK210	IO	CTL101	212	1/1	
X20AENAO	I	AENA00	IC	2/10	
X20AENA1	O	AENA10	IC	2/10	
X20AENA2	O	AENA20	IC	2/10	
X20AENA3	O	AENA30	IC	2/10	
X20AENA4	O	AENA40	IC	2/10	
X20AENA5	O	AENA50	IC	2/10	
X20AENA6	O	AENA60	IC	2/10	
X20AENA7	O	AENA70	IC	2/10	
X20ARBK0	I	ARSETBK0	IC	2/10	
X20ASEL0	O	ASEL01	IC	2/10	
X20ASEL1	O	ASEL11	IC	2/10	
X20ASEL2	O	ASEL21	IC	2/10	
X20BENA0	O	BENA00	IC	2/10	
X20BENA1	O	BENA10	IC	2/10	
X20BENA2	O	BENA20	IC	2/10	
X20BENA3	O	BENA30	IC	2/10	
X20BENA4	O	BENA40	IC	2/10	
X20BENA5	O	BENA50	IC	2/10	
X20BENA6	O	BENA60	IC	2/10	
X20BENA7	O	BENA70	IC	2/10	
X20BSEL0	O	BSEL01	IC	2/10	
X20BSEL1	O	BSEL11	IC	2/10	
X20BSEL2	O	BSEL21	IC	2/10	
X20CENA0	O	CENA00	IC	2/10	
X20CENA1	O	CENA10	IC	2/10	
X20CENA2	O	CENA20	IC	2/10	
X20CENA3	O	CENA30	IC	2/10	
X20CENA4	O	CENA40	IC	2/10	
X20CENA5	O	CENA50	IC	2/10	
X20CENA6	O	CENA60	IC	2/10	
X20CENA7	O	CENA70	IC	2/10	
X20CK1NC	I	CLK1N1C	IC	2/10	
X20CL30P	O	ATSOP0	144	2/2	
X20CL40P	O	BTSOP0	142	2/3	
X20CSEL0	O	CSEL01	IC	2/10	
X20CSEL1	O	CSEL11	IC	2/10	
X20CSEL2	O	CSEL21	IC	2/10	
X20CSE1	O	ERROR1	313	1/1	
X20DENA0	O	DENA00	IC	2/10	
X20DENA1	O	DENA10	IC	2/10	
X20DENA2	O	DENA20	IC	2/10	
X20DENA3	O	DENA30	IC	2/10	
X20DENA4	O	DENA40	IC	2/10	
X20DENA5	O	DENA50	IC	2/10	
X20DENA6	O	DENA60	IC	2/10	
X20DENA7	O	DENA70	IC	2/10	
X20DSEL0	O	DSEL01	IC	2/10	
X20DSEL1	O	DSEL11	IC	2/10	
X20DSEL2	O	DSEL21	IC	2/10	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	
SW30CNTL	13-108	TR242	8	6	
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
GRD13108	I	WID011	014	2/11	
NC	I	WID111	015	2/11	
	I	WID211	016	1/1	
	I	WID311	017	1/1	
	I	WID411	018	1/1	
SOCK300	I	GATE0	044	1/1	
SOCK310	IO	CTL101	212	1/1	
X30AENAO	I	AENA00	IC	2/11	
X30AENA1	O	AENA10	IC	2/11	
X30AENA2	O	AENA20	IC	2/11	
X30AENA3	O	AENA30	IC	2/11	
X30AENA4	O	AENA40	IC	2/11	
X30AENA5	O	AENA50	IC	2/11	
X30AENA6	O	AENA60	IC	2/11	
X30AENA7	O	AENA70	IC	2/11	
X30ARBK0	I	ARSETBK0	IC	2/11	
X30ASEL0	O	ASEL01	IC	2/11	
X30ASEL1	O	ASEL11	IC	2/11	
X30ASEL2	O	ASEL21	IC	2/11	
X30BENA0	O	BENA00	IC	2/11	
X30BENA1	O	BENA10	IC	2/11	
X30BENA2	O	BENA20	IC	2/11	
X30BENA3	O	BENA30	IC	2/11	
X30BENA4	O	BENA40	IC	2/11	
X30BENA5	O	BENA50	IC	2/11	
X30BENA6	O	BENA60	IC	2/11	
X30BENA7	O	BENA70	IC	2/11	
X30BSEL0	O	BSEL01	IC	2/11	
X30BSEL1	O	BSEL11	IC	2/11	
X30BSEL2	O	BSEL21	IC	2/11	
X30CENA0	O	CENA00	IC	2/11	
X30CENA1	O	CENA10	IC	2/11	
X30CENA2	O	CENA20	IC	2/11	
X30CENA3	O	CENA30	IC	2/11	
X30CENA4	O	CENA40	IC	2/11	
X30CENA5	O	CENA50	IC	2/11	
X30CENA6	O	CENA60	IC	2/11	
X30CENA7	O	CENA70	IC	2/11	
X30CK1NC	I	CLK1N1C	IC	2/11	
X30CL50P	O	ATSOP0	144	2/4	
X30CL60P	O	BTSOP0	142	2/5	
X30CSEL0	O	CSEL01	IC	2/11	
X30CSEL1	O	CSEL11	IC	2/11	
X30CSEL2	O	CSEL21	IC	2/11	
X30CSE1	O	ERROR1	313	1/1	
X30DENA0	O	DENA00	IC	2/11	
X30DENA1	O	DENA10	IC	2/11	
X30DENA2	O	DENA20	IC	2/11	
X30DENA3	O	DENA30	IC	2/11	
X30DENA4	O	DENA40	IC	2/11	
X30DENA5	O	DENA50	IC	2/11	
X30DENA6	O	DENA60	IC	2/11	
X30DENA7	O	DENA70	IC	2/11	
X30DSEL0	O	DSEL01	IC	2/11	
X30DSEL1	O	DSEL11	IC	2/11	
X30DSEL2	O	DSEL21	IC	2/11	

PART OF FS 1
SYMBOL(S) 2 3 4

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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE □
		ISSUE 6B
AT&T BELL LABORATORIES	SD-5D043-01	B1CB

PART OF FS 1

CONTROL

SYMBOL NO. 5

SWITCH 4 SHELF 0 CONFIGURATION & ERROR REPORTING

SYMBOL NO. 6

LINK 2 SHELF 0 CONTROL

SYMBOL NO. 7

LINK 3 SHELF 0 CONTROL

SYMBOL NO. 8

LINK 4 SHELF 0 CONTROL

SYMBOL NO. 5							SYMBOL NO. 6					SYMBOL NO. 7						SYMBOL NO. 8										
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	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT		
SM40CNTL	13-116	TN242	B	16			L20CNTRL	13-062	TN243	B		L30CNTRL	13-052	TN243	B	3	L40CNTRL	13-042	TN243	B	5				B	5		
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	
GRD13116		WID211	016		2/12		GRD13062		STRAP2	210		2/1		GRD13052		STRAP2	210		2/2			GRD13042		STRAP3	209		2/3	
NC		WID011	014		1/1		L20ABDF1		ABDF1	IC		2/1		L30ABDF1		ABDF1	IC		2/2			L40ABDF1		ABDF1	IC		2/3	
		WID111	015		1/1		L20ADPR1		ADPR1	IC		2/1		L30ADPR1		ADPR1	IC		2/2			L40ADPR1		ADPR1	IC		2/3	
		WID311	017		1/1		L20ALPRO		ALPERR0	IC		2/1		L30ALPRO		ALPERR0	IC		2/2			L40ALPRO		ALPERR0	IC		2/3	
50CK4G0		WID411	018		1/1		L20AODF1		AODF1	IC		2/1		L30AODF1		AODF1	IC		2/2			L40AODF1		AODF1	IC		2/3	
		GATED	044		1/1		L20ASMP1		AFABPAR1	IC		2/1		L30ASMP1		AFABPAR1	IC		2/2			L40ASMP1		AFABPAR1	IC		2/3	
							L20BDDG1		BBADG1	IC		2/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
50CK410	IO	CTL101	212		1/1		L20BOPR1		ADPERR1	IC		2/1		L30BOPR1		ADPERR1	IC		2/2			L40BOPR1		ADPERR1	IC		2/3	
X40AENA0		AENA00	IC		2/12		L20BLPRO		BLPERR0	IC		2/1		L30BOPR1		ADPERR1	IC		2/2			L40BOPR1		ADPERR1	IC		2/3	
X40AENA1		AENA10	IC		2/12		L20BOOF1		BOOF1	IC		2/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40AENA2		AENA20	IC		2/12		L20BSMP1		BFABPAR1	IC		2/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40AENA3		AENA30	IC		2/12		L20BT161		BTMS160	IC		2/1		L30BOPR1		ADPERR1	IC		2/2			L40BOPR1		ADPERR1	IC		2/3	
X40AENA4		AENA40	IC		2/12		L20CONRG		CONREG	IC		2/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40AENA5		AENA50	IC		2/12		L20DT161		DTMS161	IC		2/1		L30BOPR1		ADPERR1	IC		2/2			L40BOPR1		ADPERR1	IC		2/3	
X40AENA6		AENA60	IC		2/12		L20ET161		ETMS161	IC		2/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40AENA7		AENA70	IC		2/12		L20MR0		MR0	IC		2/1		L30BOPR1		ADPERR1	IC		2/2			L40BOPR1		ADPERR1	IC		2/3	
X40ARBK0		ARSET8K0	IC		2/12		L20MR1		MR1	IC		2/1		L30BDDG1		BBADG1	IC		2/2			L40BOPR1		ADPERR1	IC		2/3	
X40ASEL0		ASEL01	IC		2/12		L20MR2		MR2	IC		2/1		L30BOPR1		ADPERR1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40ASEL1		ASEL11	IC		2/12		L20MR3		MR3	IC		2/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40ASEL2		ASEL21	IC		2/12		L20MR4		MR4	IC		2/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40BENA0		BENA00	IC		2/12		L20MR5		MR5	IC		2/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40BENA1		BENA10	IC		2/12		L20MR6		MR6	IC		2/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40BENA2		BENA20	IC		2/12		L20MR7		MR7	IC		2/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40BENA3		BENA30	IC		2/12		L20RA0		RA0	IC		2/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40BENA4		BENA40	IC		2/12		L20RA1		RA1	IC		2/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40BENA5		BENA50	IC		2/12		L20RA2		RA2	IC		2/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40BENA6		BENA60	IC		2/12		L20RA3		RA3	IC		2/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40BENA7		BENA70	IC		2/12		L20RA4		RA4	IC		2/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40BSEL0		BSEL01	IC		2/12		L20RA5		RA5	IC		2/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40BSEL1		BSEL11	IC		2/12		L20RA6		RA6	IC		2/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40BSEL2		BSEL21	IC		2/12		L20RA7		RA7	IC		2/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40CENA0		CENA00	IC		2/12		L20SLOP0		SLOP0	IC		2/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40CENA1		CENA10	IC		2/12		L60CSE1		ERR1	212		1/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40CENA2		CENA20	IC		2/12		NC		CLEAR0	NC		1/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40CENA3		CENA30	IC		2/12				H1	322		1/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40CENA4		CENA40	IC		2/12				BADCLK	IC		1/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40CENA5		CENA50	IC		2/12				SLOP1	IC		1/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40CENA6		CENA60	IC		2/12				STRAP4	208		1/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40CENA7		CENA70	IC		2/12				STRAP3	209		1/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40CK1NC		CLK1NC	IC		2/12				STRAP2	208		1/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40CL70P		ATSOP0	144		2/6				STRAP3	209		1/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40CL80P		BTSOP0	142		2/7				STRAP2	210		1/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40CSEL0		CSEL01	IC		2/12				STRAP3	209		1/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40CSEL1		CSEL11	IC		2/12				STRAP4	208		1/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40CSEL2		CSEL21	IC		2/12				TEST7	247		1/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40CSE1		ERR0R1	313		1/1				GATE0	351		1/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40DENA0		DENA00	IC		2/12				STRAP3	209		1/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40DENA1		DENA10	IC		2/12				TEST7	247		1/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40DENA2		DENA20	IC		2/12				GATE0	351		1/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40DENA3		DENA30	IC		2/12				STRAP3	209		1/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	
X40DENA4		DENA40	IC		2/12				TEST7	247		1/1		L30BDDG1		BBADG1	IC		2/2			L40BDDG1		BBADG1	IC		2/3	

PART OF FS 1
CONTROL

SYMBOL NO. 9 LINK 5 SHELF 0 CONTROL							SYMBOL NO. 10 LINK 6 SHELF 0 CONTROL							SYMBOL NO. 11 LINK 7 SHELF 0 CONTROL							SYMBOL NO. 12 LINK 8 SHELF 0 CONTROL							
DESIG	EOP LOC	CODE	ELEM IDENT	OPT			DESIG	EOP LOC	CODE	ELEM IDENT	OPT			DESIG	EOP LOC	CODE	ELEM IDENT	OPT			DESIG	EOP LOC	CODE	ELEM IDENT	OPT			
L50CNTRL	13-126	TN243	B	6			L60CNTRL	13-136	TN243	B	7			L70CNTRL	13-146	TN243	B	16			L80CNTRL	13-156	TN243	B	9			
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		
GRD13126	I	STRAP3	209	2/4			GRD13136	I	STRAP3	209	2/5			GRD13146	I	STRAP3	209	2/6				GRD13156	I	STRAP3	209	2/7		
L50ABDF1	I	ABDF1	IC	2/4			L100CSE1	O	ERR1	212	1/1			L110CSE1	O	ERR1	212	1/1				L120CSE1	O	ERR1	212	1/1		
L50ABDG1	I	ABADG1	IC	2/4			L60ABDF1	I	ABDF1	IC	2/5			L70ABDF1	I	ABDF1	IC	2/6				L80ABDF1	I	ABDF1	IC	2/7		
L50ADPR1	I	ADPERR1	IC	2/4			L60ABDG1	I	ABADG1	IC	2/5			L70ABDG1	I	ABADG1	IC	2/6				L80ABDG1	I	ABADG1	IC	2/7		
L50ALPR0	I	ALPERR0	IC	2/4			L60ADPR1	I	ADPERR1	IC	2/5			L70ADPR1	I	ADPERR1	IC	2/6				L80ADPR1	I	ADPERR1	IC	2/7		
L50AODF1	I	AODF1	IC	2/4			L60ALPR0	I	ALPERR0	IC	2/5			L70ADPR1	I	ADPERR1	IC	2/6				L80ALPR0	I	ALPERR0	IC	2/7		
L50ASWP1	I	AFABPAR1	IC	2/4			L60AODF1	I	AODF1	IC	2/5			L70ALPR0	I	ALPERR0	IC	2/6				L80AODF1	I	AODF1	IC	2/7		
L50BDF1	I	BBADF1	IC	2/4			L60ASWP1	I	AFABPAR1	IC	2/5			L70AODF1	I	AODF1	IC	2/6				L80ASWP1	I	AFABPAR1	IC	2/7		
L50BBDG1	I	BBADG1	IC	2/4			L60BDF1	I	BBADF1	IC	2/5			L70ASWP1	I	AFABPAR1	IC	2/6				L80BDF1	I	BBADF1	IC	2/7		
L50BDPR1	I	ADPERR1	IC	2/4			L60BBDG1	I	BBADG1	IC	2/5			L70BBDG1	I	BBADG1	IC	2/6				L80BBDG1	I	BBADG1	IC	2/7		
L50BLPR0	I	BLPERR0	IC	2/4			L60BDPR1	I	ADPERR1	IC	2/5			L70BDG1	I	BBADG1	IC	2/6				L80BDPR1	I	ADPERR1	IC	2/7		
L50BOOF1	I	BOOF1	IC	2/4			L60BLPR0	I	BLPERR0	IC	2/5			L70BDPR1	I	ADPERR1	IC	2/6				L80BLPR0	I	BLPERR0	IC	2/7		
L50BSWP1	I	BFABPAR1	IC	2/4			L60BOOF1	I	BOOF1	IC	2/5			L70BLPR0	I	BLPERR0	IC	2/6				L80BOOF1	I	BOOF1	IC	2/7		
L50BT161	I	BTMS160	IC	2/4			L60BSWP1	I	BFABPAR1	IC	2/5			L70BOOF1	I	BOOF1	IC	2/6				L80BSWP1	I	BFABPAR1	IC	2/7		
L50CONRG	I	CONREG	IC	2/4			L60BT161	I	BTMS160	IC	2/5			L70BSWP1	I	BFABPAR1	IC	2/6				L80BT161	I	BTMS160	IC	2/7		
L50DT161	I	DTMS161	IC	2/4			L60CONRG	I	CONREG	IC	2/5			L70BT161	I	BTMS160	IC	2/6				L80CONRG	I	CONREG	IC	2/7		
L50ET161	I	ETMS161	IC	2/4			L60DT161	I	DTMS161	IC	2/5			L70CONRG	I	CONREG	IC	2/6				L80DT161	I	DTMS161	IC	2/7		
L50MR0	O	MR0	IC	2/4			L60ET161	I	ETMS161	IC	2/5			L70DT161	I	DTMS161	IC	2/6				L80ET161	I	ETMS161	IC	2/7		
L50MR1	O	MR1	IC	2/4			L60MR0	O	MR0	IC	2/5			L70ET161	I	ETMS161	IC	2/6				L80MR0	O	MR0	IC	2/7		
L50MR2	O	MR2	IC	2/4			L60MR1	O	MR1	IC	2/5			L70MR0	O	MR0	IC	2/6				L80MR1	O	MR1	IC	2/7		
L50MR3	O	MR3	IC	2/4			L60MR2	O	MR2	IC	2/5			L70MR1	O	MR1	IC	2/6				L80MR2	O	MR2	IC	2/7		
L50MR4	O	MR4	IC	2/4			L60MR3	O	MR3	IC	2/5			L70MR2	O	MR2	IC	2/6				L80MR3	O	MR3	IC	2/7		
L50MR5	O	MR5	IC	2/4			L60MR4	O	MR4	IC	2/5			L70MR3	O	MR3	IC	2/6				L80MR4	O	MR4	IC	2/7		
L50MR6	O	MR6	IC	2/4			L60MR5	O	MR5	IC	2/5			L70MR4	O	MR4	IC	2/6				L80MR5	O	MR5	IC	2/7		
L50MR7	O	MR7	IC	2/4			L60MR6	O	MR6	IC	2/5			L70MR5	O	MR5	IC	2/6				L80MR6	O	MR6	IC	2/7		
L50RA0	I	RA0	IC	2/4			L60MR7	O	MR7	IC	2/5			L70MR6	O	MR6	IC	2/6				L80MR7	O	MR7	IC	2/7		
L50RA1	I	RA1	IC	2/4			L60RA0	I	RA0	IC	2/5			L70MR7	O	MR7	IC	2/6				L80RA0	I	RA0	IC	2/7		
L50RA2	I	RA2	IC	2/4			L60RA1	I	RA1	IC	2/5			L70RA0	I	RA0	IC	2/6				L80RA1	I	RA1	IC	2/7		
L50RA3	I	RA3	IC	2/4			L60RA2	I	RA2	IC	2/5			L70RA1	I	RA1	IC	2/6				L80RA2	I	RA2	IC	2/7		
L50RA4	I	RA4	IC	2/4			L60RA3	I	RA3	IC	2/5			L70RA2	I	RA2	IC	2/6				L80RA3	I	RA3	IC	2/7		
L50RA5	I	RA5	IC	2/4			L60RA4	I	RA4	IC	2/5			L70RA3	I	RA3	IC	2/6				L80RA4	I	RA4	IC	2/7		
L50RA6	I	RA6	IC	2/4			L60RA5	I	RA5	IC	2/5			L70RA4	I	RA4	IC	2/6				L80RA5	I	RA5	IC	2/7		
L50RA7	I	RA7	IC	2/4			L60RA6	I	RA6	IC	2/5			L70RA5	I	RA5	IC	2/6				L80RA6	I	RA6	IC	2/7		
L50SLOP0	I	SLOP0	IC	2/4			L60RA7	I	RA7	IC	2/5			L70RA6	I	RA6	IC	2/6				L80RA7	I	RA7	IC	2/7		
L90CSE1	O	ERR1	212	1/1			L60SLOP0	I	SLOP0	IC	2/5			L70RA7	I	RA7	IC	2/6				L80SLOP0	I	SLOP0	IC	2/7		
NC	OT	CLEAR0	NC	1/1			NC	OT	CLEAR0	NC	1/1			L70SLOP0	I	SLOP0	IC	2/6				NC	OT	CLEAR0	NC	1/1		
	OT	HI	322	1/1				OT	HI	322	1/1			NC	OT	CLEAR0	NC	1/1					OT	HI	322	1/1		
	I	SLOP1	IC	1/1				I	BADCLK	IC	1/1				OT	HI	322	1/1					I	SLOP1	IC	1/1		
	I	BADCLK	IC	1/1				I	SLOP1	IC	1/1				I	SLOP1	IC	1/1					I	BADCLK	IC	1/1		
	I	STRAP4	208	1/1				I	STRAP4	208	1/1				I	BADCLK	IC	1/1					I	STRAP4	208	1/1		
	I	STRAP2	210	1/1				I	STRAP2	210	1/1				I	TEST7	247	1/1					I	TEST7	247	1/1		
	I	TEST7	247	1/1				I	TEST7	247	1/1				I	STRAP1	309	1/1					I	STRAP1	309	1/1		
S0CL9G0	I	STRAP1	309	1/1				I	STRAP0	310	1/1				I	STRAP0	310	1/1					I	STRAP0	310	1/1		
	I	GATE0	351	1/1				I	GATE0	351	1/1				I	GATE0	351	1/1					I	GATE0	351	1/1		
S0CL9I0	10	SHELF	312	1/1			S0CL10G0	I	GATE0	351	1/1			S0CL11G0	I	GATE0	351	1/1				S0CL12G0	I	GATE0	351	1/1		
							S0CL10I0	10	SHELF	312	1/1			S0CL11I0	10	SHELF	312	1/1				S0CL12I0	10	SHELF	312	1/1		

PART OF FS 1
SYMBOL(S) 9 10 11 12

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TIME MULTIPLEXED SWITCH UNIT

DWG SIZE: 6B
ISSUE: 6B

AT&T BELL LABORATORIES SD-5D043-01 B1CD

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PART OF FS 1
CONTROL

SYMBOL NO. 14

SWITCH 1 SHELF 2 CONFIGURATION & ERROR REPORTING

SYMBOL NO. 15

SWITCH 2 SHELF 2 CONFIGURATION & ERROR REPORTING

SYMBOL NO. 16

SWITCH 3 SHELF 2 CONFIGURATION & ERROR REPORTING

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SM12CNTL	04-088	TN242	B	10

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SM22CNTL	04-080	TN242	B	12

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
SM32CNTL	04-108	TN242	B	14

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
GRD04088 NC	I	WID011	014	2/22	
	I	WID111	015	1/1	
	I	WID211	016	1/1	
	I	WID311	017	1/1	
	I	WID411	018	1/1	
	I	CLEAR0	344	1/1	
S2CX1G0 S2CX1I0	I	CLEAR0	344	1/1	
	I	GATE0	044	1/13	
	I	CTL101	212	1/13	
X12AENA0 X12AENA1 X12AENA2	I	AENA00	IC	2/22	
	O	AENA10	IC	2/22	
	O	AENA20	IC	2/22	
X12AENA3 X12AENA4 X12AENA5	O	AENA30	IC	2/22	
	O	AENA40	IC	2/22	
	O	AENA50	IC	2/22	
X12AENA6 X12AENA7 X12AR8K0	O	AENA60	IC	2/22	
	O	AENA70	IC	2/22	
	I	ARSET8K0	IC	2/22	
X12ASEL0 X12ASEL1 X12ASEL2	O	ASEL01	IC	2/22	
	O	ASEL11	IC	2/22	
	O	ASEL21	IC	2/22	
X12BENA0 X12BENA1 X12BENA2	O	BENA00	IC	2/22	
	O	BENA10	IC	2/22	
	O	BENA20	IC	2/22	
X12BENA3 X12BENA4 X12BENA5	O	BENA30	IC	2/22	
	O	BENA40	IC	2/22	
	O	BENA50	IC	2/22	
X12BENA6 X12BENA7 X12BSEL0	O	BENA60	IC	2/22	
	O	BENA70	IC	2/22	
	O	BSEL01	IC	2/22	
X12BSEL1 X12BSEL2 X12CENA0	O	BSEL11	IC	2/22	
	O	BSEL21	IC	2/22	
	O	CENA00	IC	2/22	
X12CENA1 X12CENA2 X12CENA3	O	CENA10	IC	2/22	
	O	CENA20	IC	2/22	
	O	CENA30	IC	2/22	
X12CENA4 X12CENA5 X12CENA6	O	CENA40	IC	2/22	
	O	CENA50	IC	2/22	
	O	CENA60	IC	2/22	
X12CENA7 X12CLK1NC X12CL12P	O	CENA70	IC	2/22	
	I	CLK1N1C	IC	2/22	
	O	ATSOP0	144	2/13	
X12CL22P X12CSEL0 X12CSEL1	O	BTSOP0	142	2/14	
	O	CSEL01	IC	2/22	
	O	CSEL11	IC	2/22	
X12CSEL2 X12CSE1 X12DENA0	O	CSEL21	IC	2/22	
	O	ERROR1	313	1/13	
	O	DENA00	IC	2/22	
X12DENA1 X12DENA2 X12DENA3	O	DENA10	IC	2/22	
	O	DENA20	IC	2/22	
	O	DENA30	IC	2/22	
X12DENA4 X12DENA5 X12DENA6	O	DENA40	IC	2/22	
	O	DENA50	IC	2/22	
	O	DENA60	IC	2/22	
X12DENA7 X12DSEL0 X12DSEL1	O	DENA70	IC	2/22	
	O	DSEL01	IC	2/22	
	O	DSEL11	IC	2/22	
X12DSEL2	O	DSEL21	IC	2/22	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
GRD04080 NC	I	WID111	015	2/23	
	I	WID011	014	1/1	
	I	WID211	016	1/1	
	I	WID311	017	1/1	
	I	WID411	018	1/1	
	I	CLEAR0	344	1/1	
S2DQ2G0 S2DQ2I0	I	CLEAR0	344	1/1	
	I	GATE0	044	1/13	
	I	CTL101	212	1/13	
X22AENA0 X22AENA1 X22AENA2	I	AENA00	IC	2/23	
	O	AENA10	IC	2/23	
	O	AENA20	IC	2/23	
X22AENA3 X22AENA4 X22AENA5	O	AENA30	IC	2/23	
	O	AENA40	IC	2/23	
	O	AENA50	IC	2/23	
X22AENA6 X22AENA7 X22AR8K0	O	AENA60	IC	2/23	
	O	AENA70	IC	2/23	
	I	ARST8K0	IC	2/23	
X22ASEL0 X22ASEL1 X22ASEL2	O	ASEL01	IC	2/23	
	O	ASEL11	IC	2/23	
	O	ASEL21	IC	2/23	
X22BENA0 X22BENA1 X22BENA2	O	BENA00	IC	2/23	
	O	BENA10	IC	2/23	
	O	BENA20	IC	2/23	
X22BENA3 X22BENA4 X22BENA5	O	BENA30	IC	2/23	
	O	BENA40	IC	2/23	
	O	BENA50	IC	2/23	
X22BENA6 X22BENA7 X22BSEL0	O	BENA60	IC	2/23	
	O	BENA70	IC	2/23	
	O	BSEL01	IC	2/23	
X22BSEL1 X22BSEL2 X22CENA0	O	BSEL11	IC	2/23	
	O	BSEL21	IC	2/23	
	O	CENA00	IC	2/23	
X22CENA1 X22CENA2 X22CENA3	O	CENA10	IC	2/23	
	O	CENA20	IC	2/23	
	O	CENA30	IC	2/23	
X22CENA4 X22CENA5 X22CENA6	O	CENA40	IC	2/23	
	O	CENA50	IC	2/23	
	O	CENA60	IC	2/23	
X22CENA7 X22CLK1NC X22CL32P	O	CENA70	IC	2/23	
	I	CLK1N1C	IC	2/23	
	O	ATSOP0	144	2/15	
X22CL42P X22CSEL0 X22CSEL1	O	BTSOP0	142	2/16	
	O	CSEL01	IC	2/23	
	O	CSEL11	IC	2/23	
X22CSEL2 X22CSE1 X22DENA0	O	CSEL21	IC	2/23	
	O	ERROR1	313	1/13	
	O	DENA00	IC	2/23	
X22DENA1 X22DENA2 X22DENA3	O	DENA10	IC	2/23	
	O	DENA20	IC	2/23	
	O	DENA30	IC	2/23	
X22DENA4 X22DENA5 X22DENA6	O	DENA40	IC	2/23	
	O	DENA50	IC	2/23	
	O	DENA60	IC	2/23	
X22DENA7 X22DSEL0 X22DSEL1	O	DENA70	IC	2/23	
	O	DSEL01	IC	2/23	
	O	DSEL11	IC	2/23	
X22DSEL2	O	DSEL21	IC	2/23	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
GRD04108 NC	I	WID011	014	2/24	
	I	WID111	015	2/24	
	I	WID211	016	1/1	
	I	WID311	017	1/1	
	I	WID411	018	1/1	
	I	CLEAR0	344	1/1	
S2DCRG0 S2DC3I0	I	CLEAR0	344	1/1	
	I	GATE0	044	1/13	
	I	CTL101	212	1/13	
X32AENA0 X32AENA1 X32AENA2	I	AENA00	IC	2/24	
	O	AENA10	IC	2/24	
	O	AENA20	IC	2/24	
X32AENA3 X32AENA4 X32AENA5	O	AENA30	IC	2/24	
	O	AENA40	IC	2/24	
	O	AENA50	IC	2/24	
X32AENA6 X32AENA7 X32AR8K0	O	AENA60	IC	2/24	
	O	AENA70	IC	2/24	
	I	ARSET8K0	IC	2/24	
X32ASEL0 X32ASEL1 X32ASEL2	O	ASEL01	IC	2/24	
	O	ASEL11	IC	2/24	
	O	ASEL21	IC	2/24	
X32BENA0 X32BENA1 X32BENA2	O	BENA00	IC	2/24	
	O	BENA10	IC	2/24	
	O	BENA20	IC	2/24	
X32BENA3 X32BENA4 X32BENA5	O	BENA30	IC	2/24	
	O	BENA40	IC	2/24	
	O	BENA50	IC	2/24	
X32BENA6 X32BENA7 X32BSEL0	O	BENA60	IC	2/24	
	O	BENA70	IC	2/24	
	O	BSEL01	IC	2/24	
X32BSEL1 X32BSEL2 X32CENA0	O	BSEL11	IC	2/24	
	O	BSEL21	IC	2/24	
	O	CENA00	IC	2/24	
X32CENA1 X32CENA2 X32CENA3	O	CENA10	IC	2/24	
	O	CENA20	IC	2/24	
	O	CENA30	IC	2/24	
X32CENA4 X32CENA5 X32CENA6	O	CENA40	IC	2/24	
	O	CENA50	IC	2/24	
	O	CENA60	IC	2/24	
X32CENA7 X32CLK1NC X32CL52P	O	CENA70	IC	2/24	
	I	CLK1N1C	IC	2/24	
	O	ATSOP0	144	2/17	
X32CL62P X32CSEL0 X32CSEL1	O	BTSOP0	142	2/17	
	O	CSEL01	IC	2/24	
	O	CSEL11	IC	2/24	
X32CSEL2 X32CSE1 X32DENA0	O	CSEL21	IC	2/24	
	O	ERROR1	313	1/13	
	O	DENA00	IC	2/24	
X32DENA1 X32DENA2 X32DENA3	O	DENA10	IC	2/24	
	O	DENA20	IC	2/24	
	O	DENA30	IC	2/24	
X32DENA4 X32DENA5 X32DENA6	O	DENA40	IC	2/24	
	O	DENA50	IC	2/24	
	O	DENA60	IC	2/24	
X32DENA7 X32DSEL0 X32DSEL1	O	DENA70	IC	2/24	
	O	DSEL01	IC	2/24	
	O	DSEL11	IC	2/24	
X32DSEL2	O	DSEL21	IC	2/24	

PART OF FS 1
SYMBOL(S) 14 15 16

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PART OF FS 1

CONTROL

SYMBOL NO. 21

LINK 4 SHELF 2 CONTROL

SYMBOL NO. 22

LINK 5 SHELF 2 CONTROL

SYMBOL NO. 23

LINK 6 SHELF 2 CONTROL

SYMBOL NO. 24

LINK 7 SHELF 2 CONTROL

SYMBOL NO. 21 LINK 4 SHELF 2 CONTROL							SYMBOL NO. 22 LINK 5 SHELF 2 CONTROL							SYMBOL NO. 23 LINK 6 SHELF 2 CONTROL							SYMBOL NO. 24 LINK 7 SHELF 2 CONTROL							
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			
L42CNTRL	04-042	TN243	B	13			L52CNTRL	04-126	TN243	B	14			L62CNTRL	04-136	TN243	B	15			L72CNTRL	04-146	TN243	B	8			
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	
GRD04042	I	STRAP3	209		2/16		GRD04126	I	STRAP3	209		2/17		GRD04136	I	STRAP3	209		2/18			GRD04146	I	STRAP3	209		2/19	
	I	TEST7	247		2/16			I	TEST7	247		2/17			I	TEST7	247		2/18				I	TEST7	247		2/19	
GRD13042	I	TEST7	247		2/3			I	STRAP0	310		2/17			I	STRAP1	309		2/18				I	STRAP1	309		2/19	
L42ABDF1	I	ABDF1	IC		2/16		GRD13126	I	TEST7	247		2/4		GRD13136	I	TEST7	247		2/5			GRD13146	I	STRAP0	310		2/19	
L42ABDG1	I	ABADG1	IC		2/16		L52ABDF1	I	ABDF1	IC		2/17		L102CSE1	O	ERR1	212		1/13			L112CSE1	O	ERR1	212		1/13	
L42ADPR1	I	ADPERR1	IC		2/16		L52ABDG1	I	ABADG1	IC		2/17		L62ABDF1	I	ABDF1	IC		2/18			L72ABDF1	I	ABDF1	IC		2/19	
L42ALPRO	I	ALPERR0	IC		2/16		L52ADPR1	I	ADPERR1	IC		2/17		L62ABDG1	I	ABADG1	IC		2/18			L72ABDG1	I	ABADG1	IC		2/19	
L42AODF1	I	AODF1	IC		2/16		L52ALPRO	I	ALPERR0	IC		2/17		L62ADPR1	I	ADPERR1	IC		2/18			L72ADPR1	I	ADPERR1	IC		2/19	
L42ASWP1	I	AFABPAR1	IC		2/16		L52AODF1	I	AODF1	IC		2/17		L62ALPRO	I	ALPERR0	IC		2/18			L72AODF1	I	AODF1	IC		2/19	
L42BBDF1	I	BBADF1	IC		2/16		L52ASWP1	I	AFABPAR1	IC		2/17		L62AODF1	I	AODF1	IC		2/18			L72ALPRO	I	ALPERR0	IC		2/19	
L42BBDG1	I	BBADG1	IC		2/16		L52BBDF1	I	BBADF1	IC		2/17		L62ASWP1	I	AFABPAR1	IC		2/18			L72AODF1	I	AODF1	IC		2/19	
L42BDPR1	I	ADPERR1	IC		2/16		L52BBDG1	I	BBADG1	IC		2/17		L62BDF1	I	BBADF1	IC		2/18			L72ASWP1	I	AFABPAR1	IC		2/19	
L42BLPRO	I	BLPERR0	IC		2/16		L52BDPR1	I	ADPERR1	IC		2/17		L62BODF1	I	BODF1	IC		2/18			L72BDF1	I	BBADF1	IC		2/19	
L42BOOF1	I	BOOF1	IC		2/16		L52BLPRO	I	BLPERR0	IC		2/17		L62BDPR1	I	ADPERR1	IC		2/18			L72BODF1	I	BOOF1	IC		2/19	
L42BSWP1	I	BFABPAR1	IC		2/16		L52BOOF1	I	BOOF1	IC		2/17		L62BLPRO	I	BLPERR0	IC		2/18			L72BODPR1	I	ADPERR1	IC		2/19	
L42BT161	I	BTMS160	IC		2/16		L52BSWP1	I	BFABPAR1	IC		2/17		L62BODF1	I	BODF1	IC		2/18			L72BLPRO	I	BLPERR0	IC		2/19	
L42CONRG	I	CONREG	IC		2/16		L52BT161	I	BTMS160	IC		2/17		L62BSWP1	I	BFABPAR1	IC		2/18			L72BODF1	I	BOOF1	IC		2/19	
L42DT161	I	DTMS161	IC		2/16		L52CONRG	I	CONREG	IC		2/17		L62BT161	I	BTMS160	IC		2/18			L72ASWP1	I	AFABPAR1	IC		2/19	
L42ET161	I	ETMS161	IC		2/16		L52DT161	I	DTMS161	IC		2/17		L62CONRG	I	CONREG	IC		2/18			L72BT161	I	BTMS160	IC		2/19	
L42HR0	O	HRO	IC		2/16		L52ET161	I	ETMS161	IC		2/17		L62DT161	I	DTMS161	IC		2/18			L72CONRG	I	CONREG	IC		2/19	
L42HR1	O	HR1	IC		2/16		L52HR0	O	HRO	IC		2/17		L62ET161	I	ETMS161	IC		2/18			L72DT161	I	DTMS161	IC		2/19	
L42HR2	O	HR2	IC		2/16		L52HR1	O	HR1	IC		2/17		L62HR0	O	HRO	IC		2/18			L72ET161	I	ETMS161	IC		2/19	
L42HR3	O	HR3	IC		2/16		L52HR2	O	HR2	IC		2/17		L62HR1	O	HR1	IC		2/18			L72HR0	O	HRO	IC		2/19	
L42HR4	O	HR4	IC		2/16		L52HR3	O	HR3	IC		2/17		L62HR2	O	HR2	IC		2/18			L72HR1	O	HR1	IC		2/19	
L42HR5	O	HR5	IC		2/16		L52HR4	O	HR4	IC		2/17		L62HR3	O	HR3	IC		2/18			L72HR2	O	HR2	IC		2/19	
L42HR6	O	HR6	IC		2/16		L52HR5	O	HR5	IC		2/17		L62HR4	O	HR4	IC		2/18			L72HR3	O	HR3	IC		2/19	
L42HR7	O	HR7	IC		2/16		L52HR6	O	HR6	IC		2/17		L62HR5	O	HR5	IC		2/18			L72HR4	O	HR4	IC		2/19	
L42RA0	I	RA0	IC		2/16		L52HR7	O	HR7	IC		2/17		L62HR6	O	HR6	IC		2/18			L72HR5	O	HR5	IC		2/19	
L42RA1	I	RA1	IC		2/16		L52RA0	I	RA0	IC		2/17		L62HR7	O	HR7	IC		2/18			L72HR6	O	HR6	IC		2/19	
L42RA2	I	RA2	IC		2/16		L52RA1	I	RA1	IC		2/17		L62RA0	I	RA0	IC		2/18			L72HR7	O	HR7	IC		2/19	
L42RA3	I	RA3	IC		2/16		L52RA2	I	RA2	IC		2/17		L62RA1	I	RA1	IC		2/18			L72RA0	I	RA0	IC		2/19	
L42RA4	I	RA4	IC		2/16		L52RA3	I	RA3	IC		2/17		L62RA2	I	RA2	IC		2/18			L72RA1	I	RA1	IC		2/19	
L42RA5	I	RA5	IC		2/16		L52RA4	I	RA4	IC		2/17		L62RA3	I	RA3	IC		2/18			L72RA2	I	RA2	IC		2/19	
L42RA6	I	RA6	IC		2/16		L52RA5	I	RA5	IC		2/17		L62RA4	I	RA4	IC		2/18			L72RA3	I	RA3	IC		2/19	
L42RA7	I	RA7	IC		2/16		L52RA6	I	RA6	IC		2/17		L62RA5	I	RA5	IC		2/18			L72RA4	I	RA4	IC		2/19	
L42SLOP0	I	SLOP0	IC		2/16		L52RA7	I	RA7	IC		2/17		L62RA6	I	RA6	IC		2/18			L72RA5	I	RA5	IC		2/19	
L82CSE1	O	ERR1	212		1/13		L52SLOP0	I	SLOP0	IC		2/17		L62RA7	I	RA7	IC		2/18			L72RA6	I	RA6	IC		2/19	
NC	OT	CLEAR0	NC		1/1		L92CSE1	O	ERR1	212		1/13		L62SLOP0	I	SLOP0	IC		2/18			L72RA7	I	RA7	IC		2/19	
	OT	HI	322		1/1		NC	OT	CLEAR0	NC		1/1		NC	OT	CLEAR0	NC		1/1			L72SLOP0	I	SLOP0	IC		2/19	
	I	SLOP1	IC		1/1			OT	HI	322		1/1			OT	HI	322		1/1			NC	OT	CLEAR0	NC		1/1	
	I	BADCLK	IC		1/1			I	BADCLK	IC		1/1			I	SLOP1	IC		1/1				OT	HI	322		1/1	
	I	STRAP4	208		1/1			I	SLOP1	IC		1/1			I	BADCLK	IC		1/1				I	BADCLK	IC		1/1	
	I	STRAP2	210		1/1			I	STRAP4	208		1/1			I	STRAP4	208		1/1				I	SLOP1	IC		1/1	
	I	STRAP1	309		1/1			I	STRAP2	210		1/1			I	STRAP2	210		1/1				I	STRAP4	208		1/1	
	I	STRAP0	310		1/1			I	STRAP1	309		1/1			I	STRAP0	310		1/1				I	STRAP2	210		1/1	
S2CL8G0	I	GATE0	351		1/13		S2CL9G0	I	GATE0	351		1/13		S2CL10G0	I	GATE0	351		1/13			S2CL11G0	I	GATE0	351		1/13	
S2CL810	10	SHELF	312		1/13		S2CL910	10	SHELF	312		1/13		S2CL1010	10	SHELF	312		1/13			S2CL1110	10	SHELF	312		1/13	

PART OF FS 1
SYMBOL(S) 21 22 23 24

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PART OF FS 1
CONTROL

SYMBOL NO. 25
LINK & SHELF 2 CONTROL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
L82CNTRL	04-156	TN243	B	17

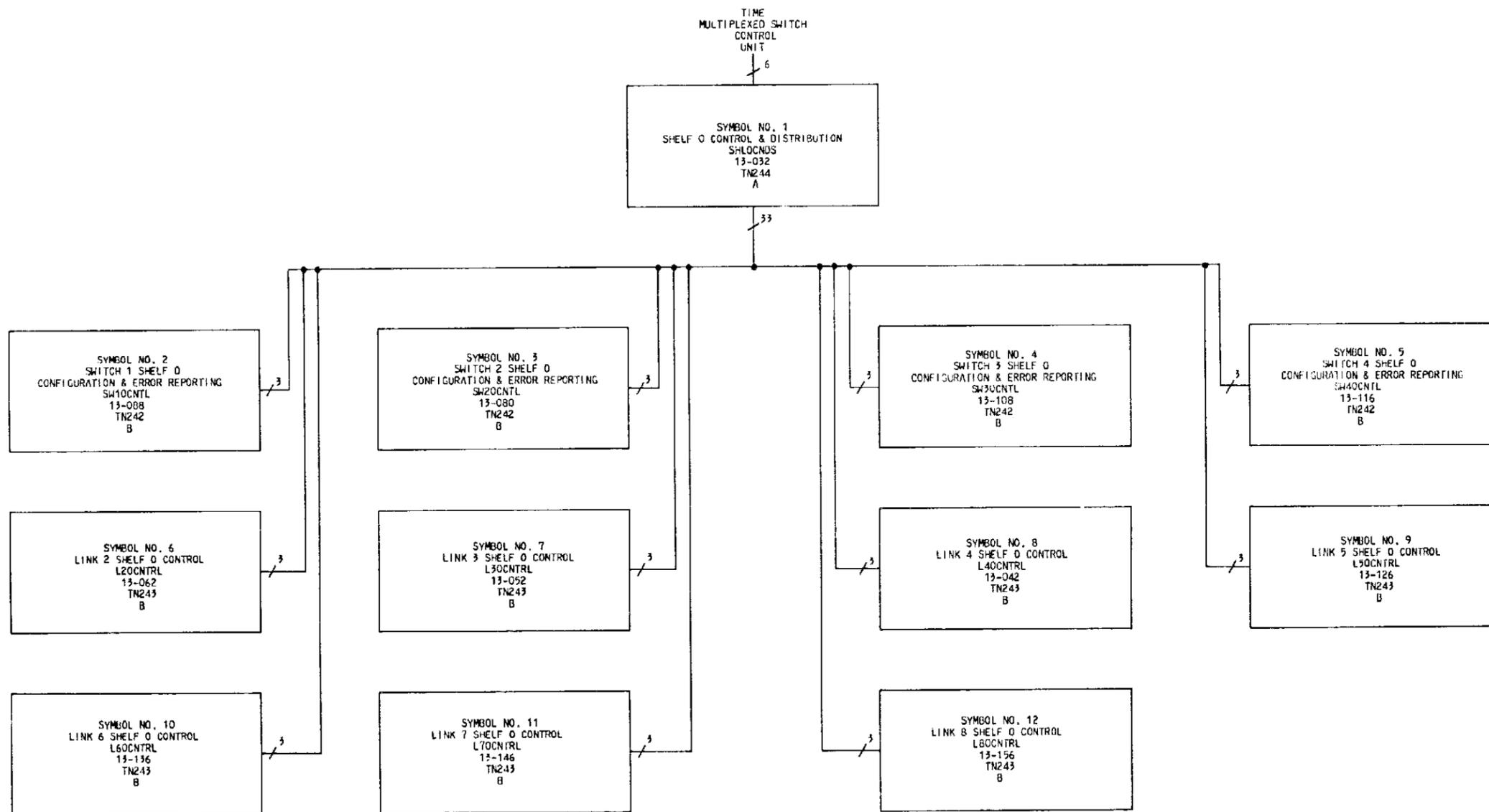
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GR004156	1	STRAP3	209		2/20	
	1	STRAP2	210		2/20	
	1	TEST7	247		2/20	
GR013156	1	TEST7	247		2/17	
L122CSE1	0	ERR1	212		1/13	
L82ABDF1	1	ABDF1	1C		2/20	
L82ABDG1	1	ABADG1	1C		2/20	
L82ADPR1	1	ADPERR1	1C		2/20	
L82ALPRO	1	ALPERRO	1C		2/20	
L82AODF1	1	AODF1	1C		2/20	
L82ASMP1	1	AFABPAR1	1C		2/20	
L82BDF1	1	BBADF1	1C		2/20	
L82BBDG1	1	BBADG1	1C		2/20	
L82BOPR1	1	ADPERR1	1C		2/20	
L82BLPRO	1	BLPERRO	1C		2/20	
L82BOOF1	1	BOOF1	1C		2/20	
L82BSMP1	1	BFABPAR1	1C		2/20	
L82BT161	1	BTMS160	1C		2/20	
L82CONRG	1	CONREG	1C		2/20	
L82DT161	1	DTMS161	1C		2/20	
L82ET161	1	ETMS161	1C		2/20	
L82MR0	0	MR0	1C		2/20	
L82MR1	0	MR1	1C		2/20	
L82MR2	0	MR2	1C		2/20	
L82MR3	0	MR3	1C		2/20	
L82MR4	0	MR4	1C		2/20	
L82MR5	0	MR5	1C		2/20	
L82MR6	0	MR6	1C		2/20	
L82MR7	0	MR7	1C		2/20	
L82RA0	1	RA0	1C		2/20	
L82RA1	1	RA1	1C		2/20	
L82RA2	1	RA2	1C		2/20	
L82RA3	1	RA3	1C		2/20	
L82RA4	1	RA4	1C		2/20	
L82RA5	1	RA5	1C		2/20	
L82RA6	1	RA6	1C		2/20	
L82RA7	1	RA7	1C		2/20	
L82SLOP0	1	SLOP0	1C		2/20	
NC	OT	CLEAR0	NC		1/1	
	OT	H1	322		1/1	
	1	SLOP1	1C		1/1	
	1	BADELK	1C		1/1	
	1	STRAP4	208		1/1	
	1	STRAP1	309		1/1	
	1	STRAP0	310		1/1	
S2CL12G0	1	GATE0	351		1/13	
S2CL1210	10	SHELF	312		1/13	

PART OF FS 1
SYMBOL(S) 25

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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE C2
AT&T BELL LABORATORIES		ISSUE 6B
SD-5D043-01		B1CJ

PART OF FS I
CONTROL
COMPOSITE DIAGRAM I

- NOTES:
1. PRINTED WIRE GROUND IS NOT REPRESENTED.
2. SYMBOLS 2-5 HAVE A 32 X 4 SWITCH.

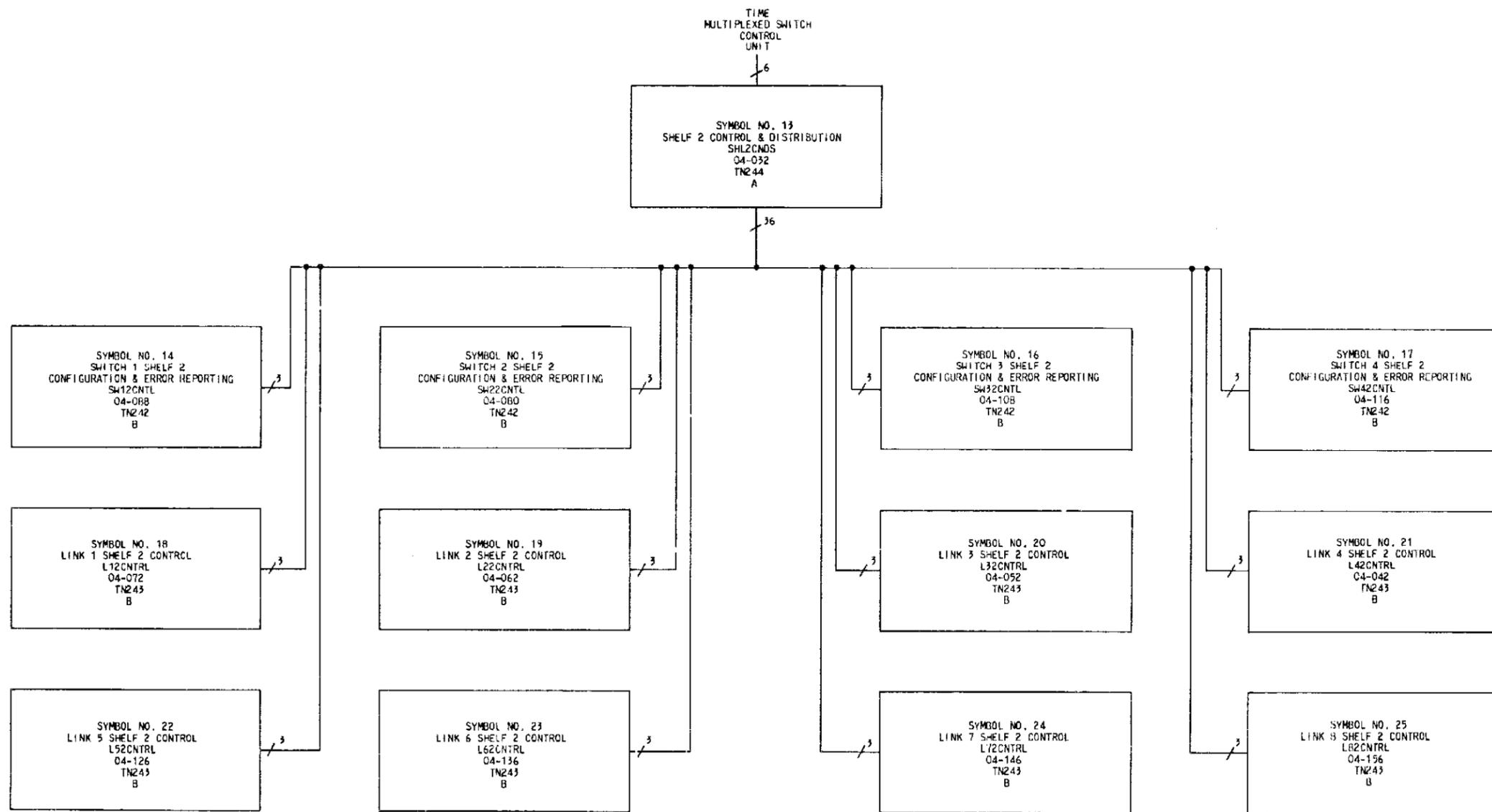


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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		48	6B
AT&T BELL LABORATORIES	SD-5D043-01	BIGA	

PART OF FS I
CONTROL
COMPOSITE DIAGRAM 2

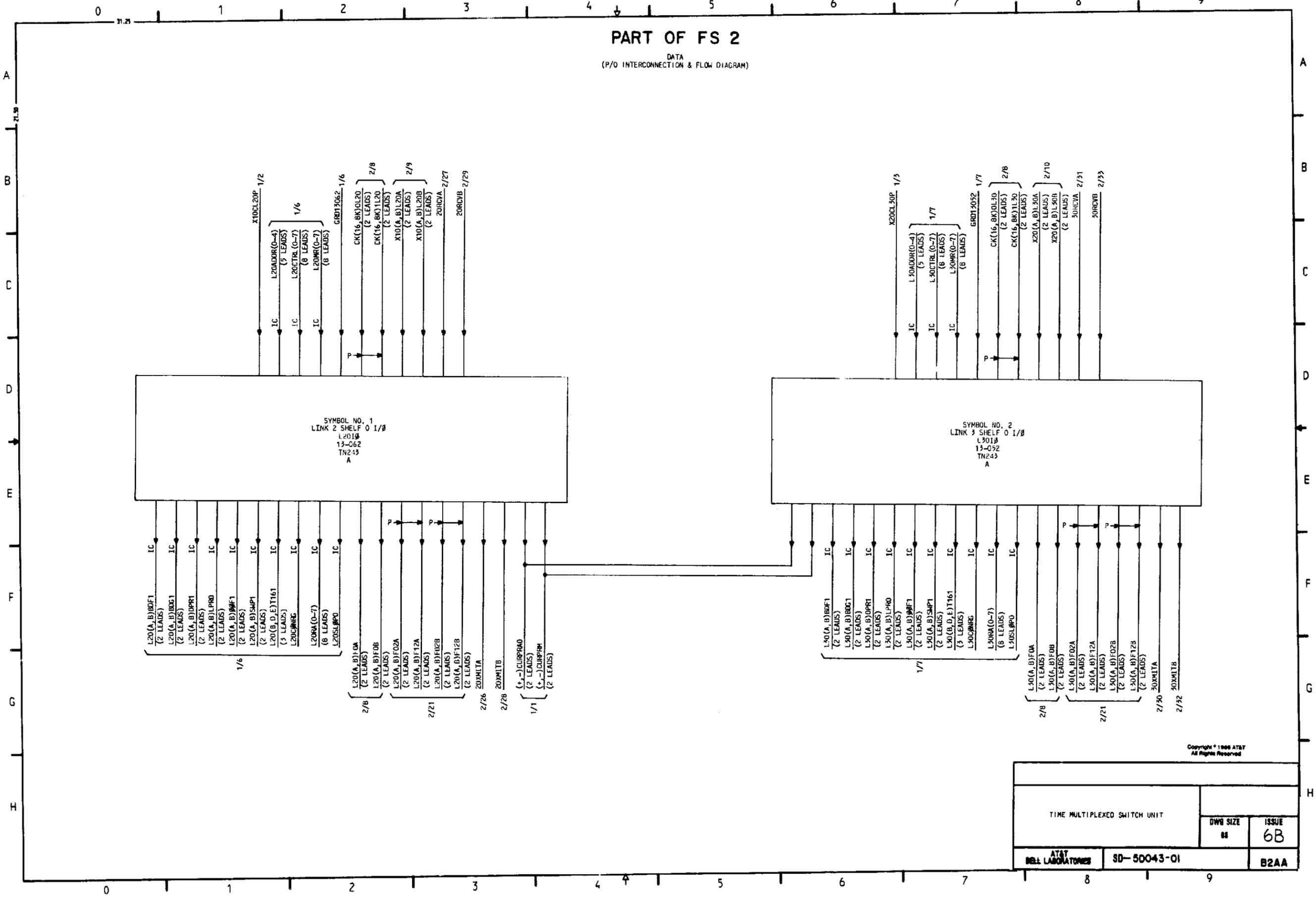
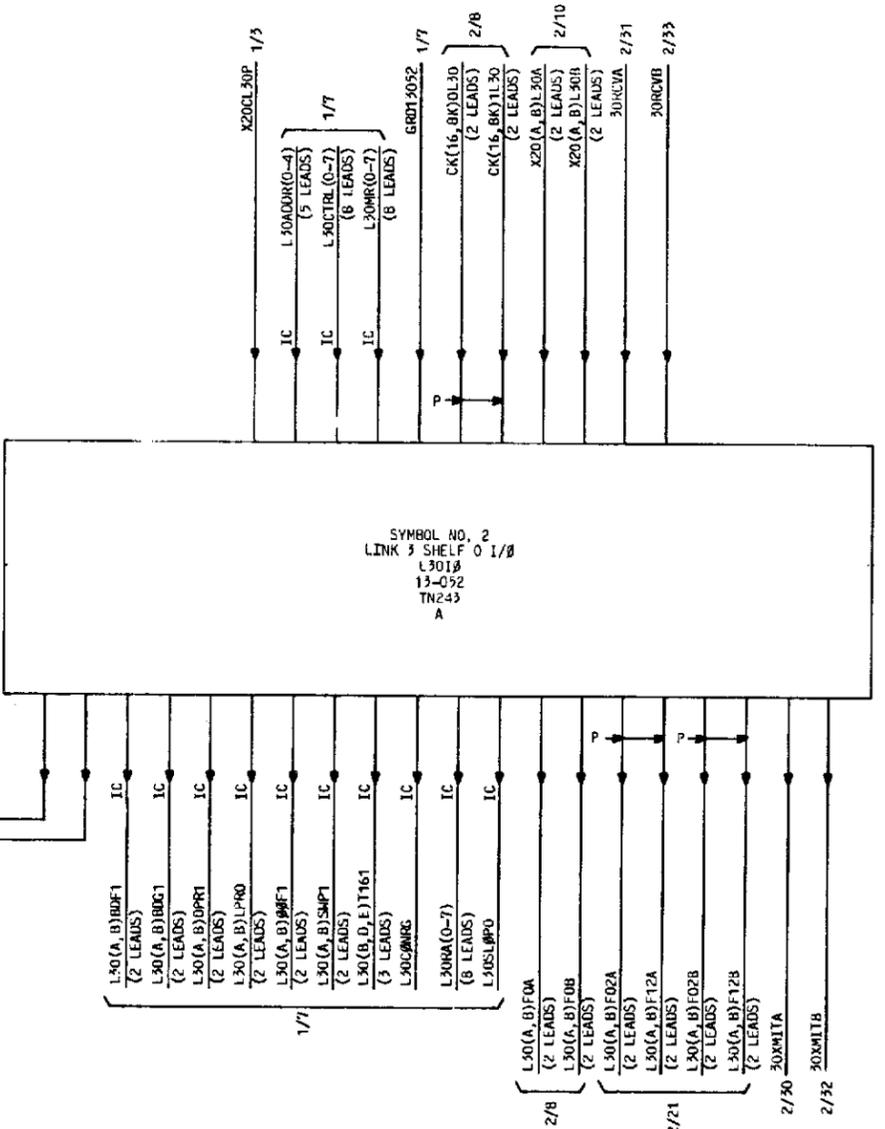
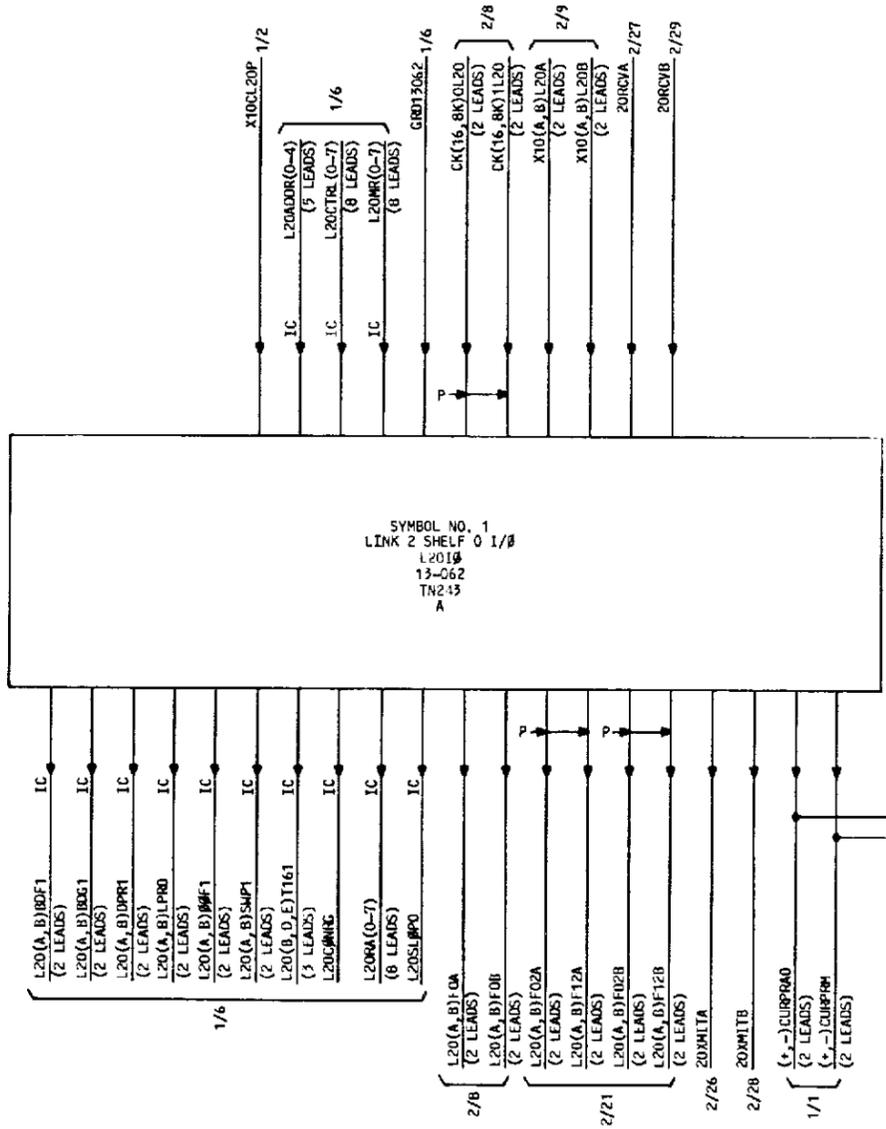
- NOTES:
1. PRINTED WIRE GROUND IS NOT REPRESENTED.
2. SYMBOLS 14-17 HAVE A 32 X 4 SWITCH.



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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		15	6B
AT&T BELL LABORATORIES	SD-5D043-01	BIGB	

PART OF FS 2
DATA
(P/O INTERCONNECTION & FLOW DIAGRAM)

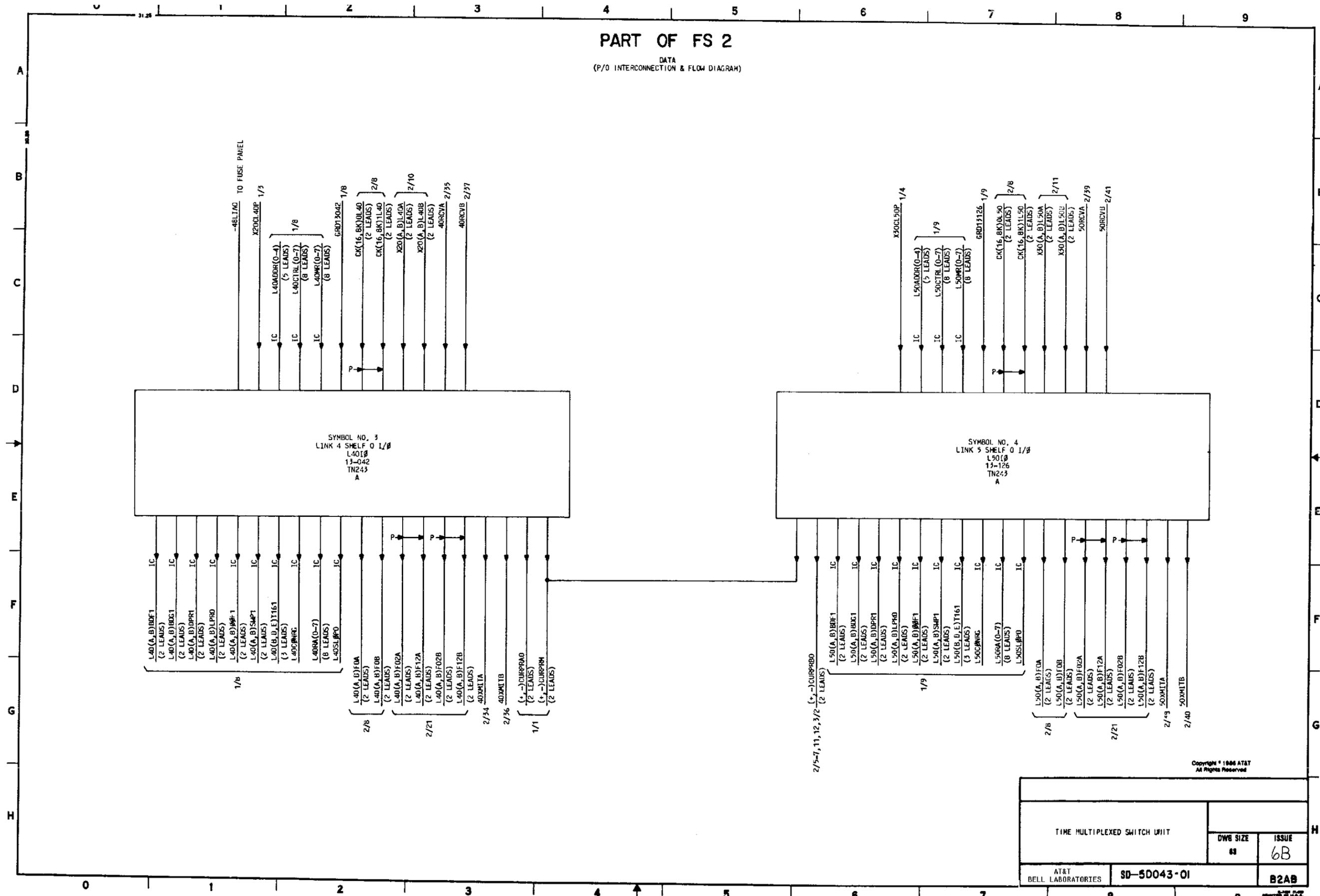


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TIME MULTIPLEXED SWITCH UNIT		DWB SIZE	ISSUE
		88	6B
AT&T BELL LABORATORIES	SD-50043-01	B2AA	

PART OF FS 2

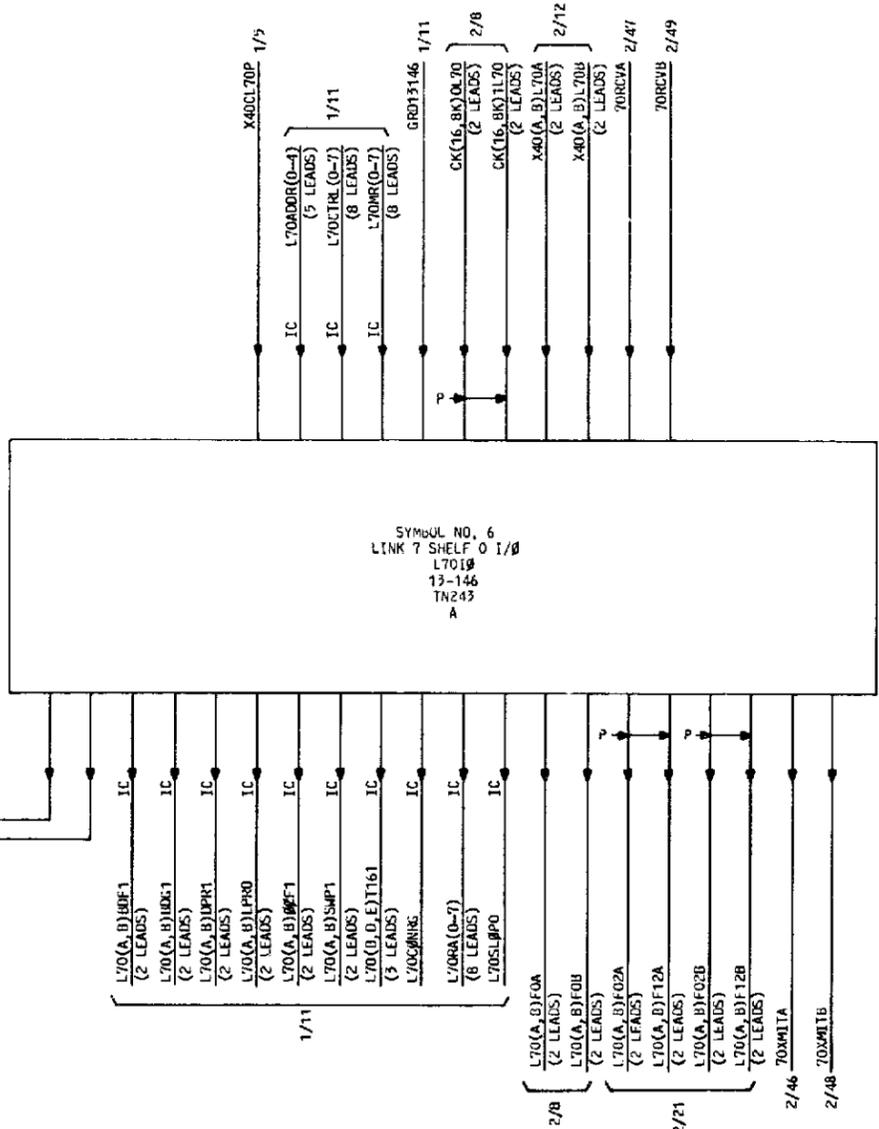
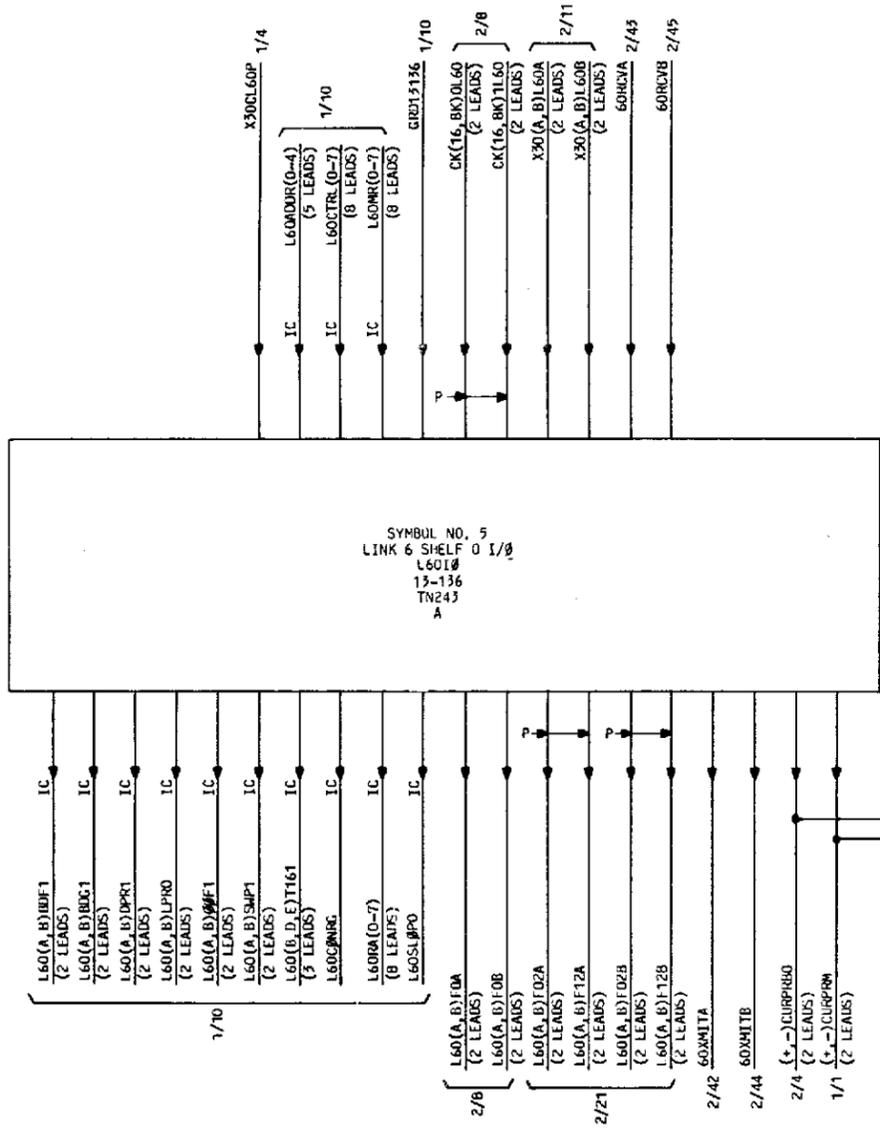
DATA
(P/O INTERCONNECTION & FLOW DIAGRAM)



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TIME MULTIPLEXED SWITCH UNIT		DWE SIZE	ISSUE
		68	6B
AT&T BELL LABORATORIES	SD-50043-01	B2A9	

PART OF FS 2
DATA
(P/O INTERCONNECTION & FLOW DIAGRAM)

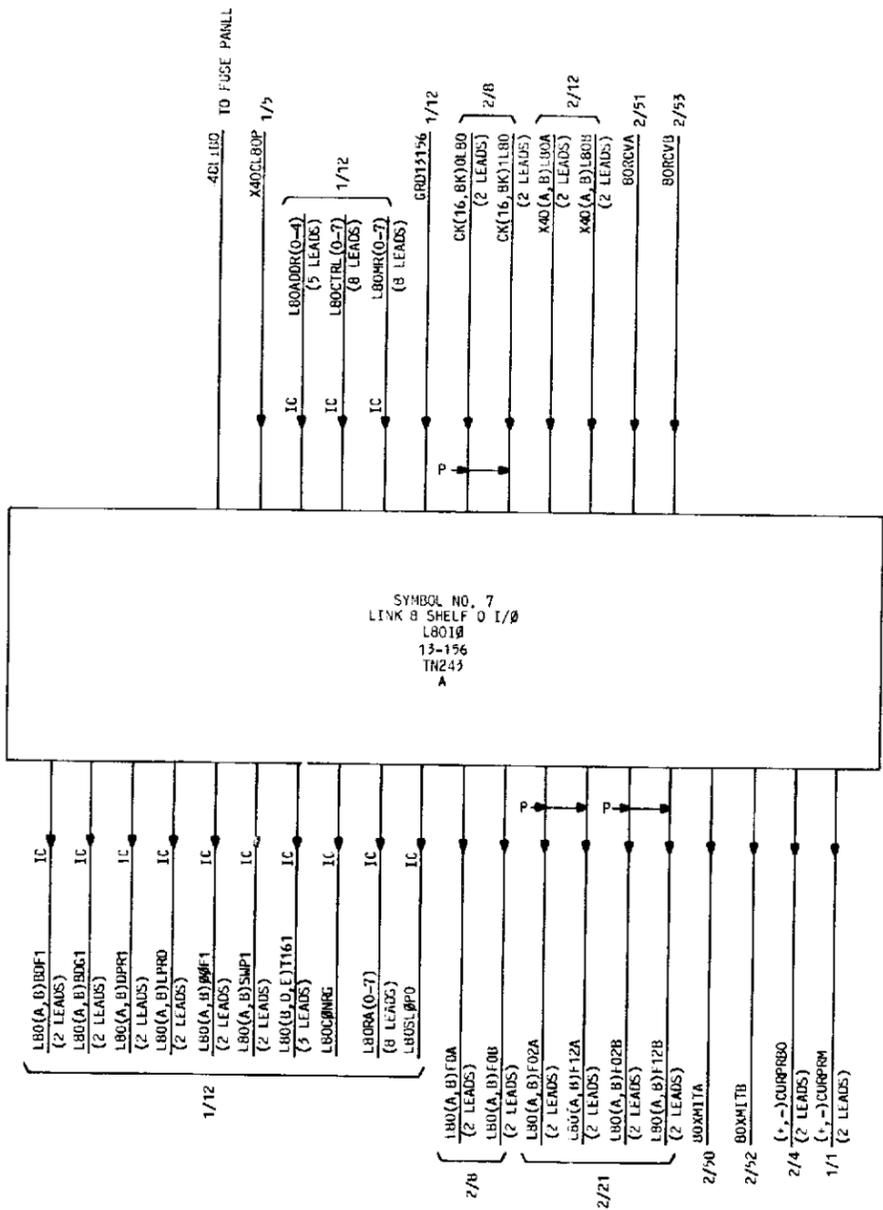


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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		88	6B
AT&T BELL LABORATORIES	SD-50043-01	B2AC	

PART OF FS 2

DATA
(P/O INTERCONNECTION & FLOW DIAGRAM)

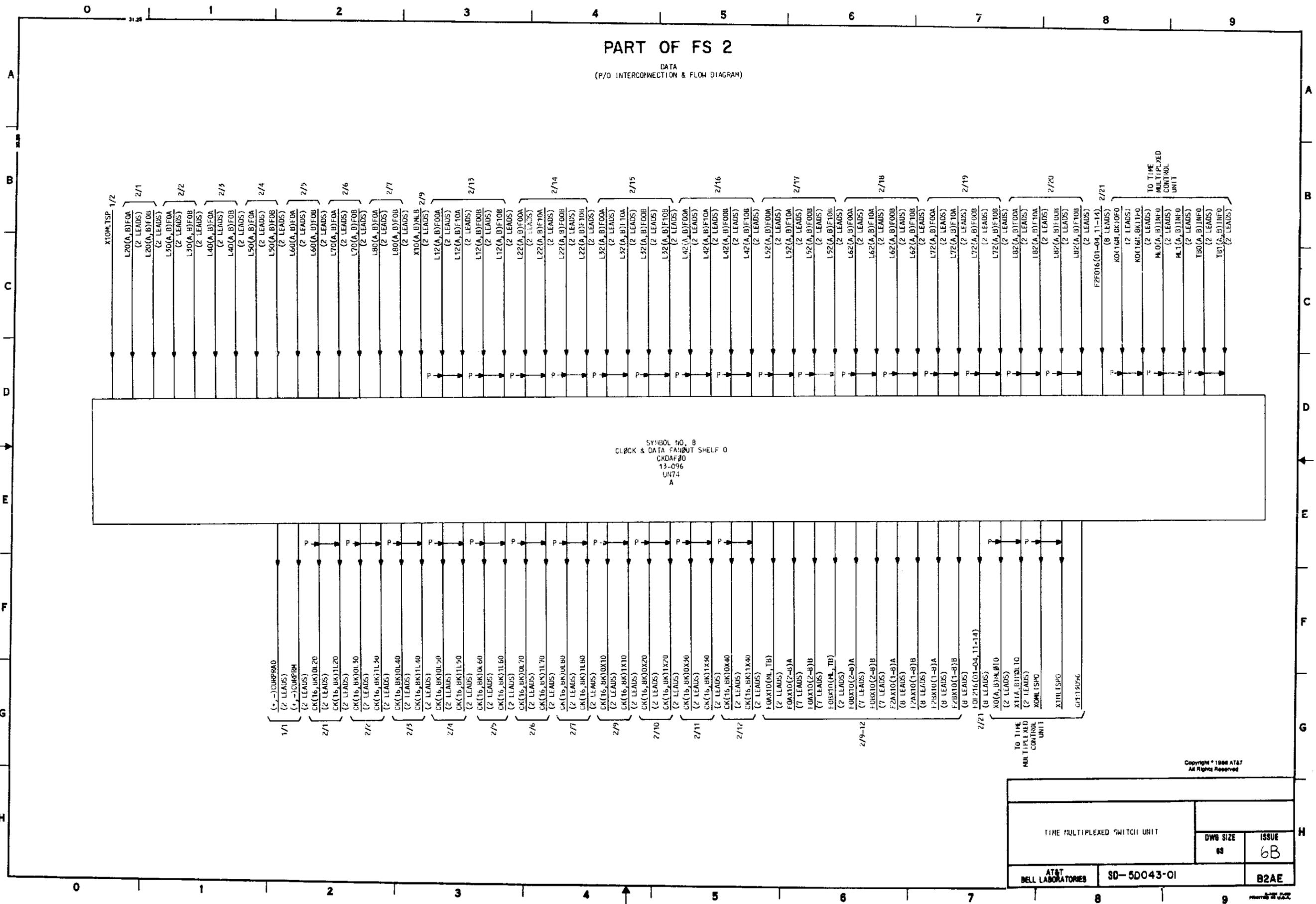


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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		88	6B
AT&T BELL LABORATORIES	SD-50043-01	B2AD	

FORM 517-100

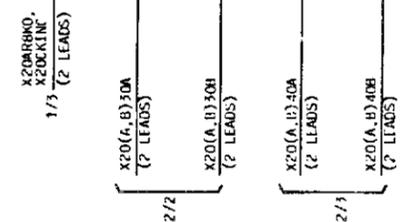
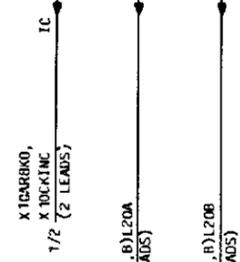
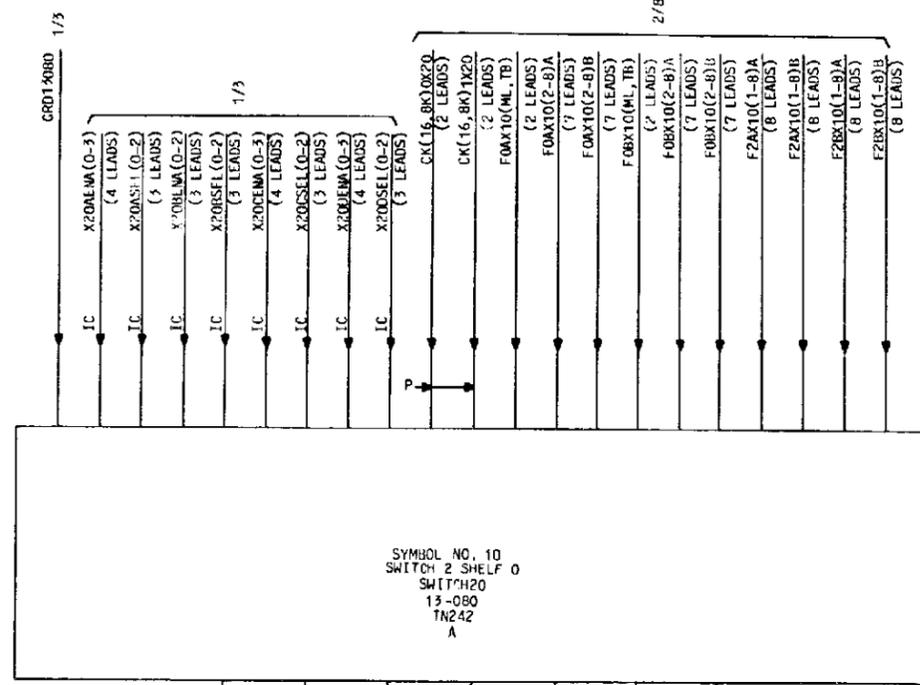
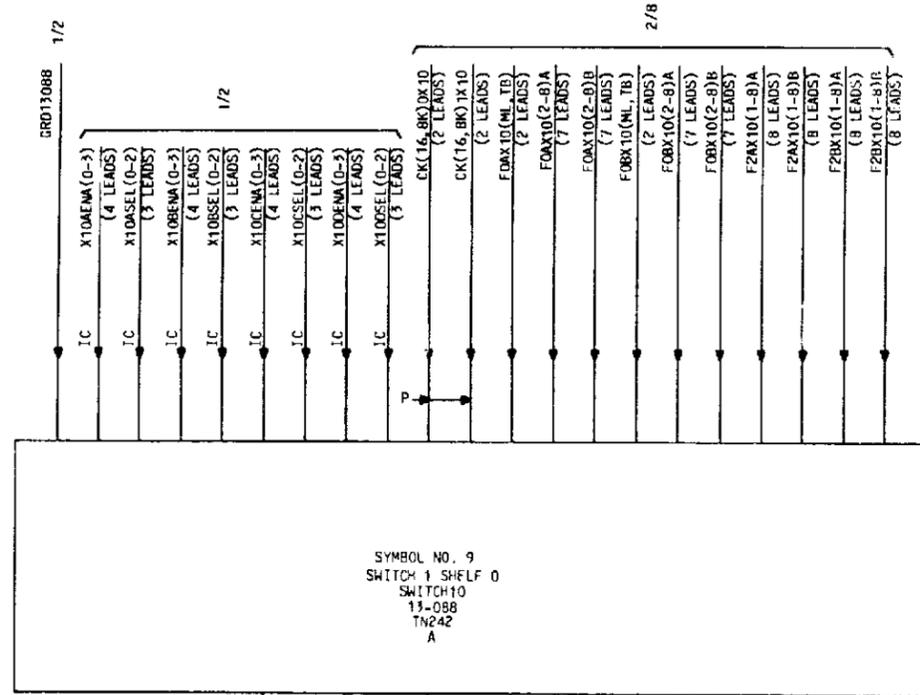
PART OF FS 2
DATA
(P/O INTERCONNECTION & FLOW DIAGRAM)



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TIME MULTIPLIED SWITCH UNIT		DWG SIZE	ISSUE
		00	6B
AT&T BELL LABORATORIES		SD-50043-01	B2AE

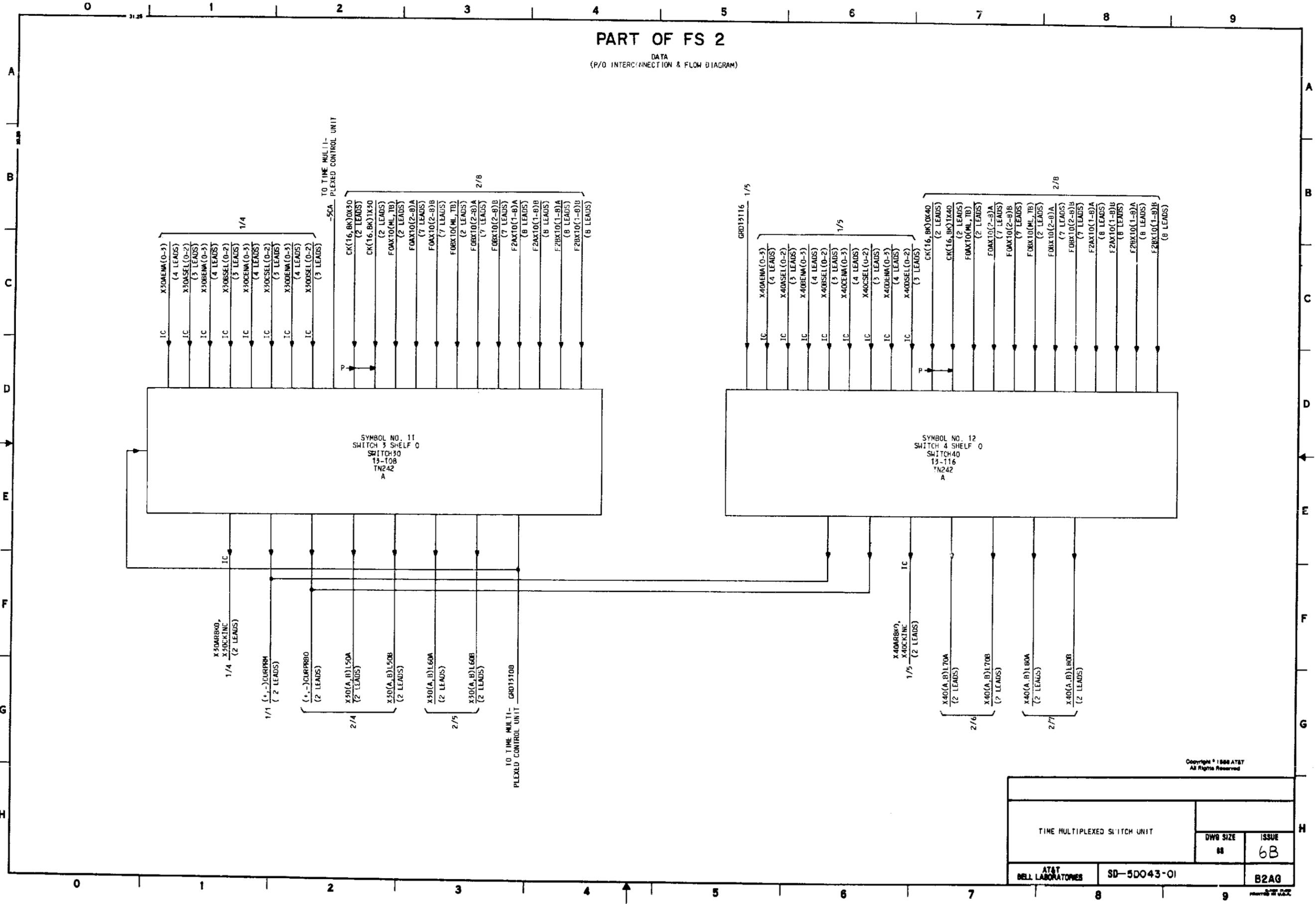
PART OF FS 2
DATA
(P/O INTERCONNECTION & FLOW DIAGRAM)



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THE MULTIPLEXED SWITCH UNIT		
DWG SIZE	ISSUE	
88	6B	
AT&T BELL LABORATORIES	SD-5D043-01	B2AF

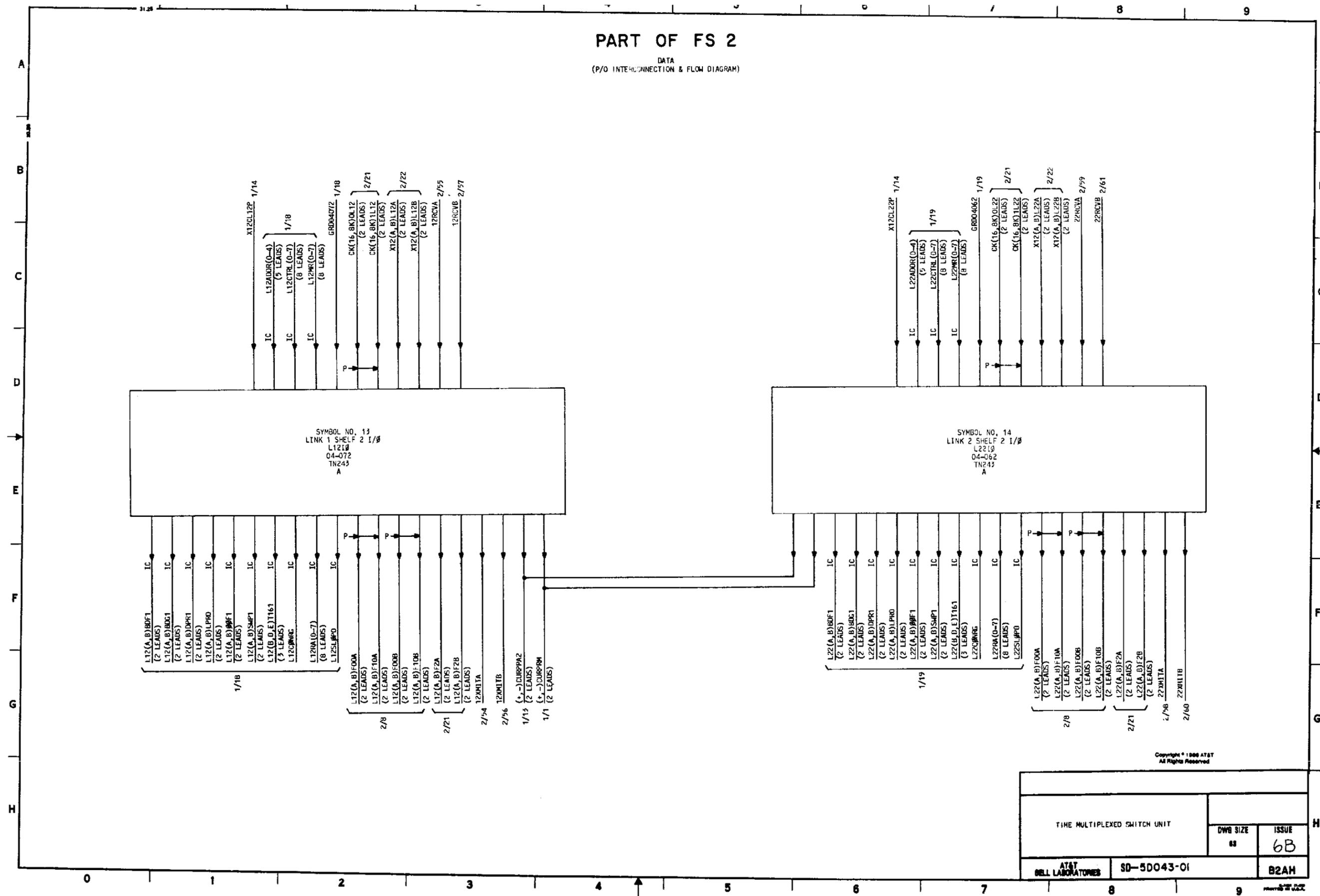
PART OF FS 2
 DATA
 (P/O INTERCONNECTION & FLOW DIAGRAM)



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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		68	6B
AT&T BELL LABORATORIES		SD-50043-01	
		B2AG	

PART OF FS 2
DATA
(P/O INTERCONNECTION & FLOW DIAGRAM)

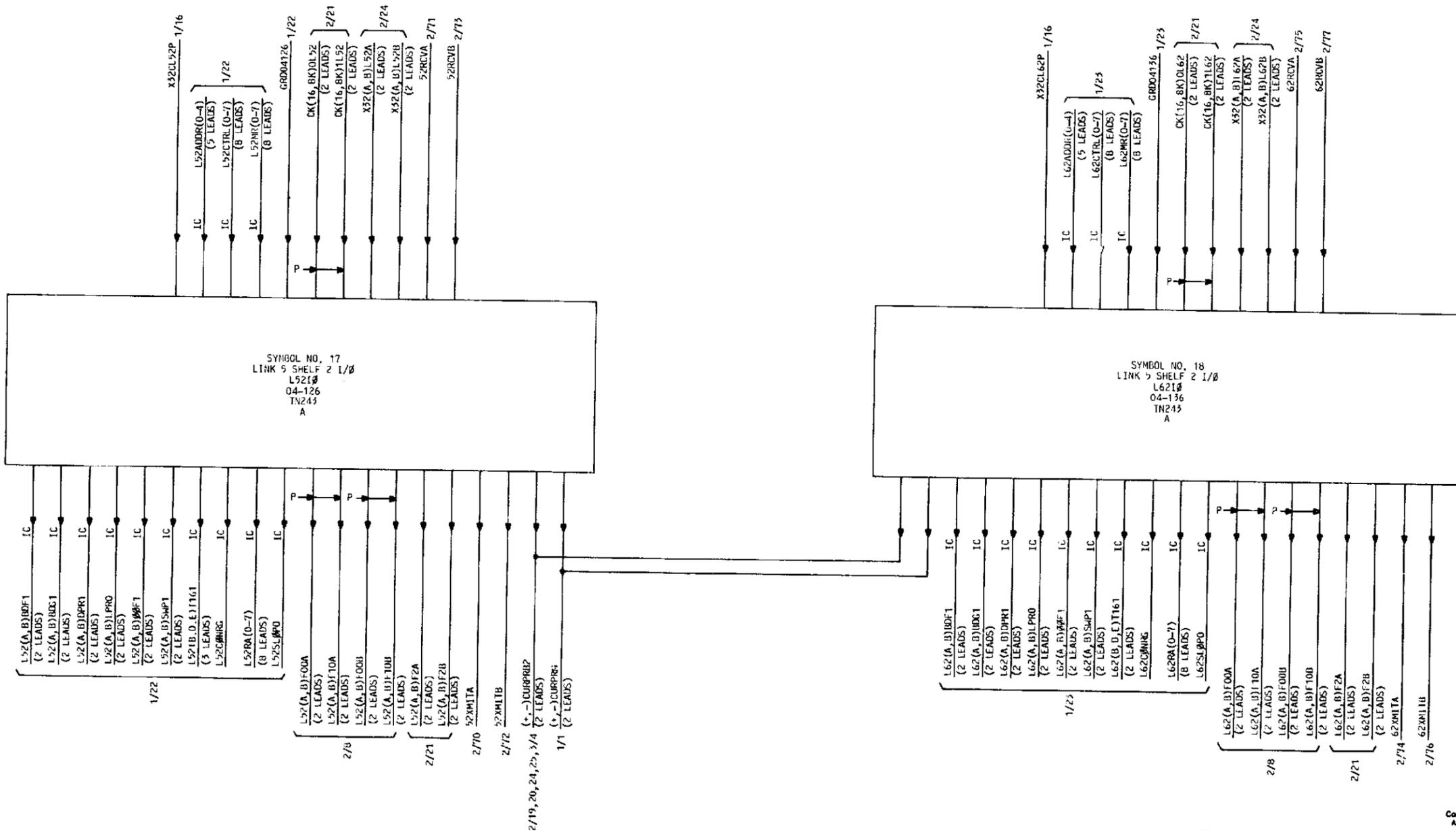


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TIME MULTIPLEXED SWITCH UNIT		DWB SIZE	ISSUE
		68	6B
AT&T BELL LABORATORIES	SD-50043-01	B2AH	

PART OF FS 2

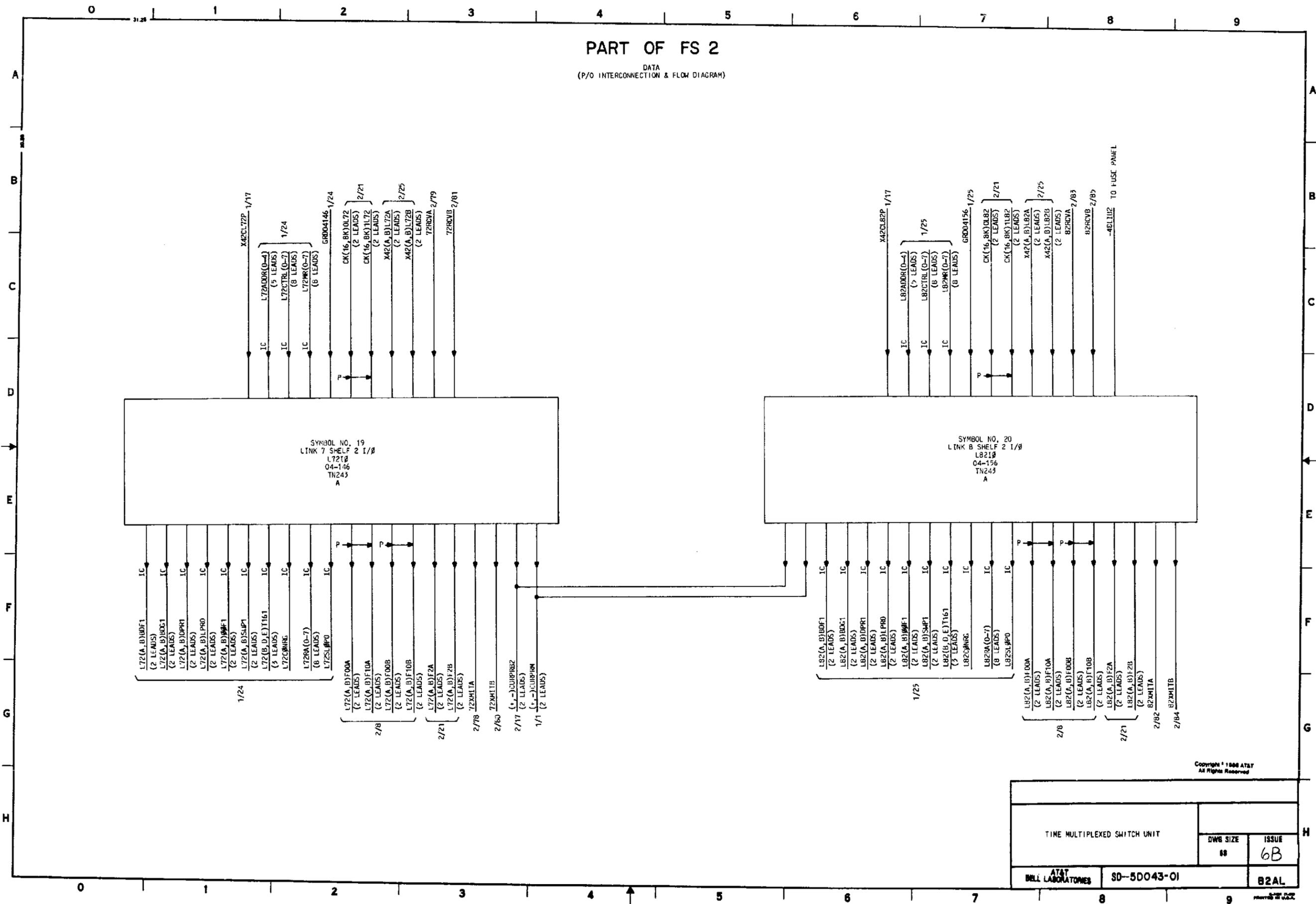
DATA
(P/O INTERCONNECTION & FLOW DIAGRAM)



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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		48	6B
AT&T BELL LABORATORIES	SD-5DO43-01	B2AK	

PART OF FS 2
DATA
(P/O INTERCONNECTION & FLOW DIAGRAM)



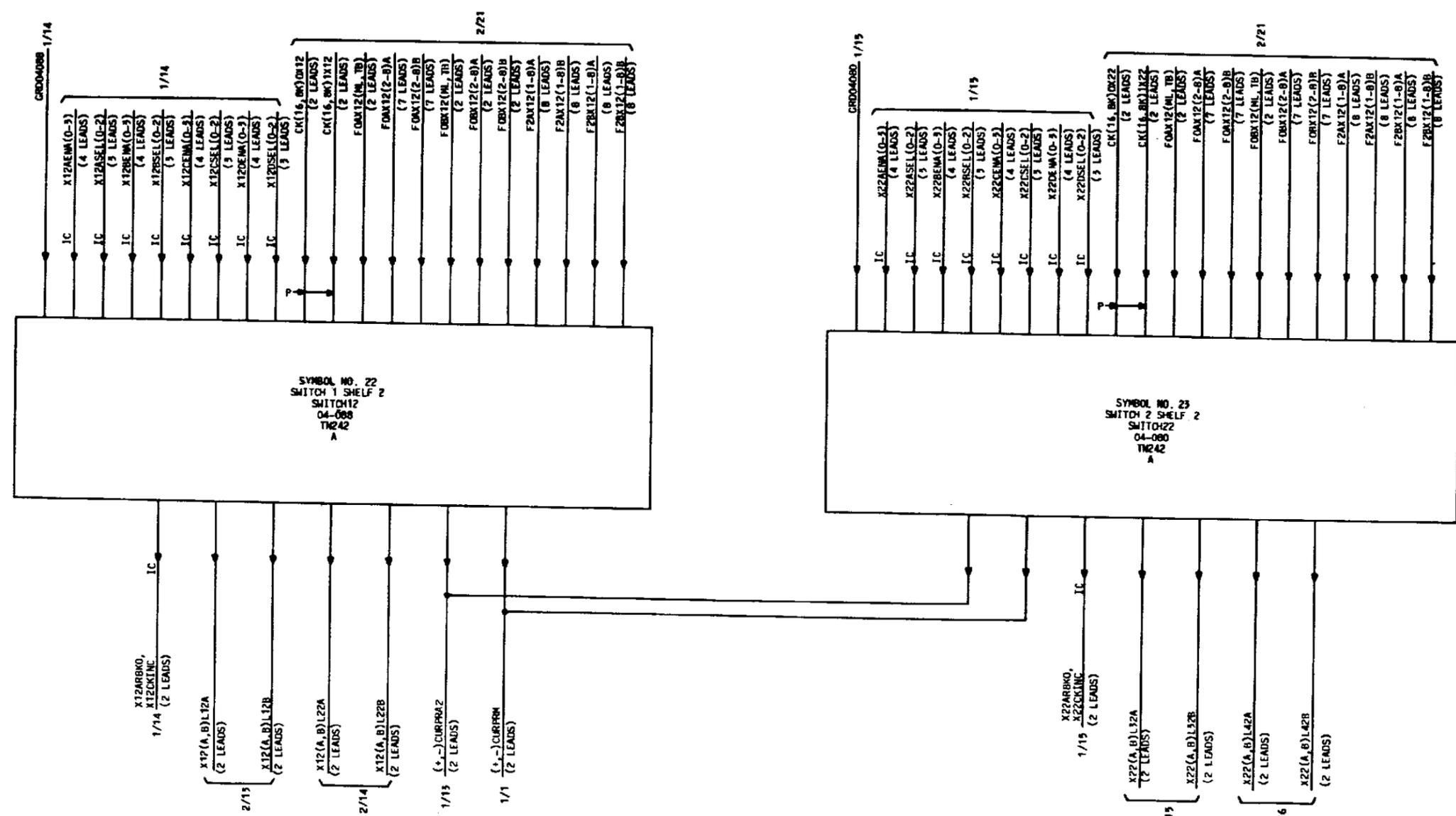
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TIME MULTIPLEXED SWITCH UNIT		DWB SIZE	ISSUE
		68	6B
AT&T BELL LABORATORIES		SD-50043-01	B2AL

FORM 10-62

PART OF FS 2

DATA
(P/O INTERCONNECTION & FLOW DIAGRAM)

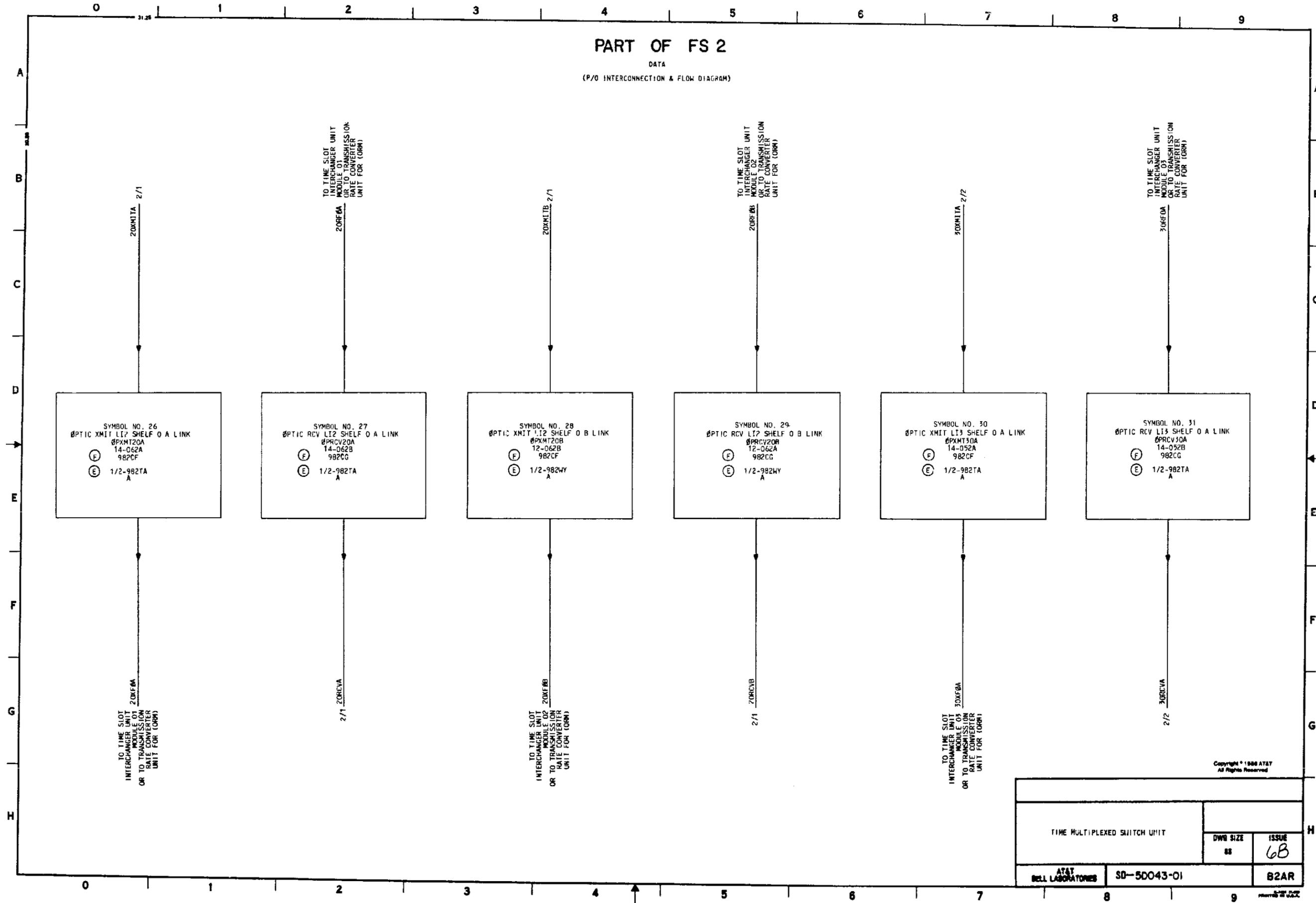


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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		M	6B
AT&T BELL LABORATORIES	SO-50043-01	B2AN	

PART OF FS 2

DATA
(P/O INTERCONNECTION & FLOW DIAGRAM)

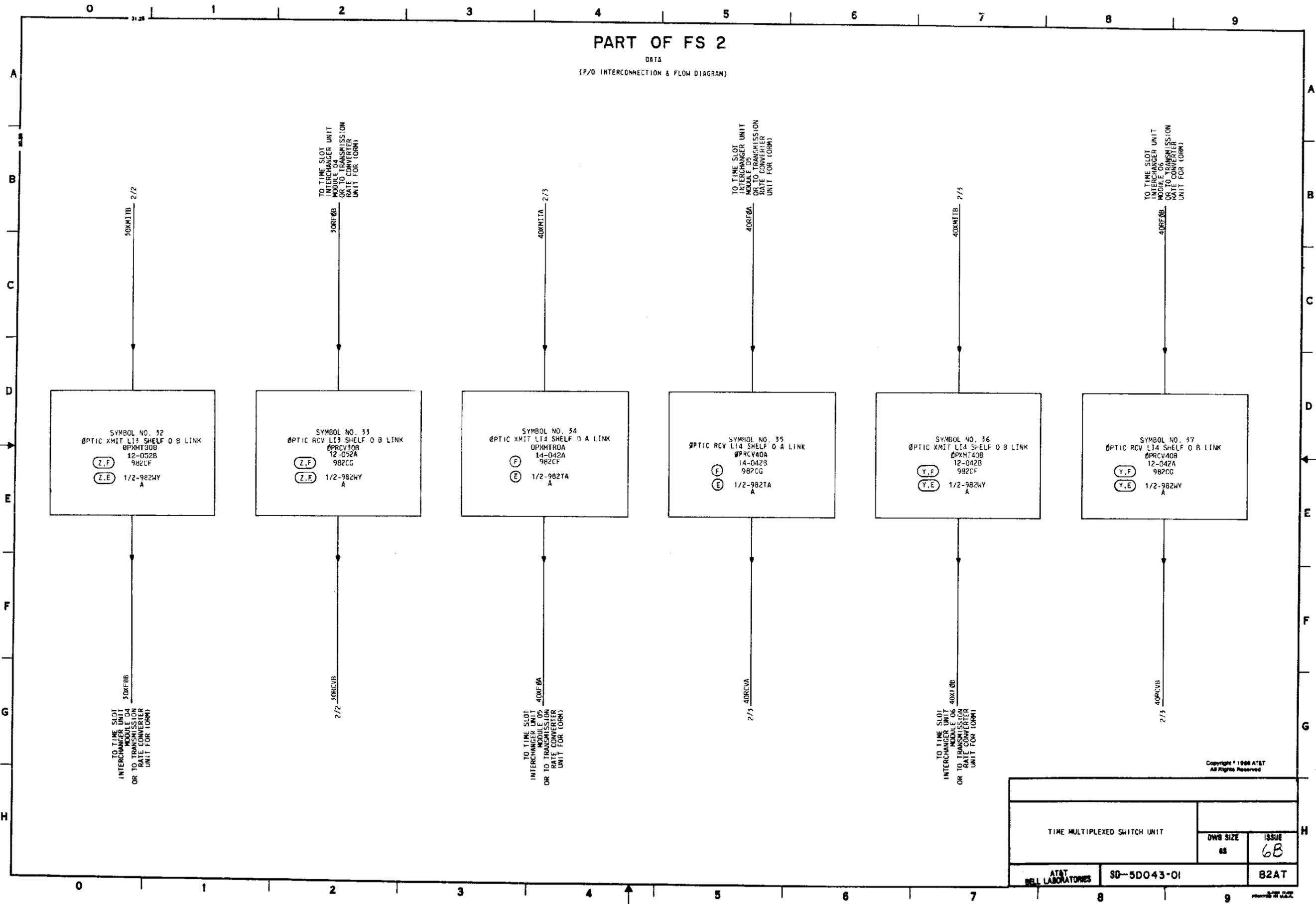


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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		88	6B
AT&T BELL LABORATORIES	SD-50043-01	B2AR	

PART OF FS 2

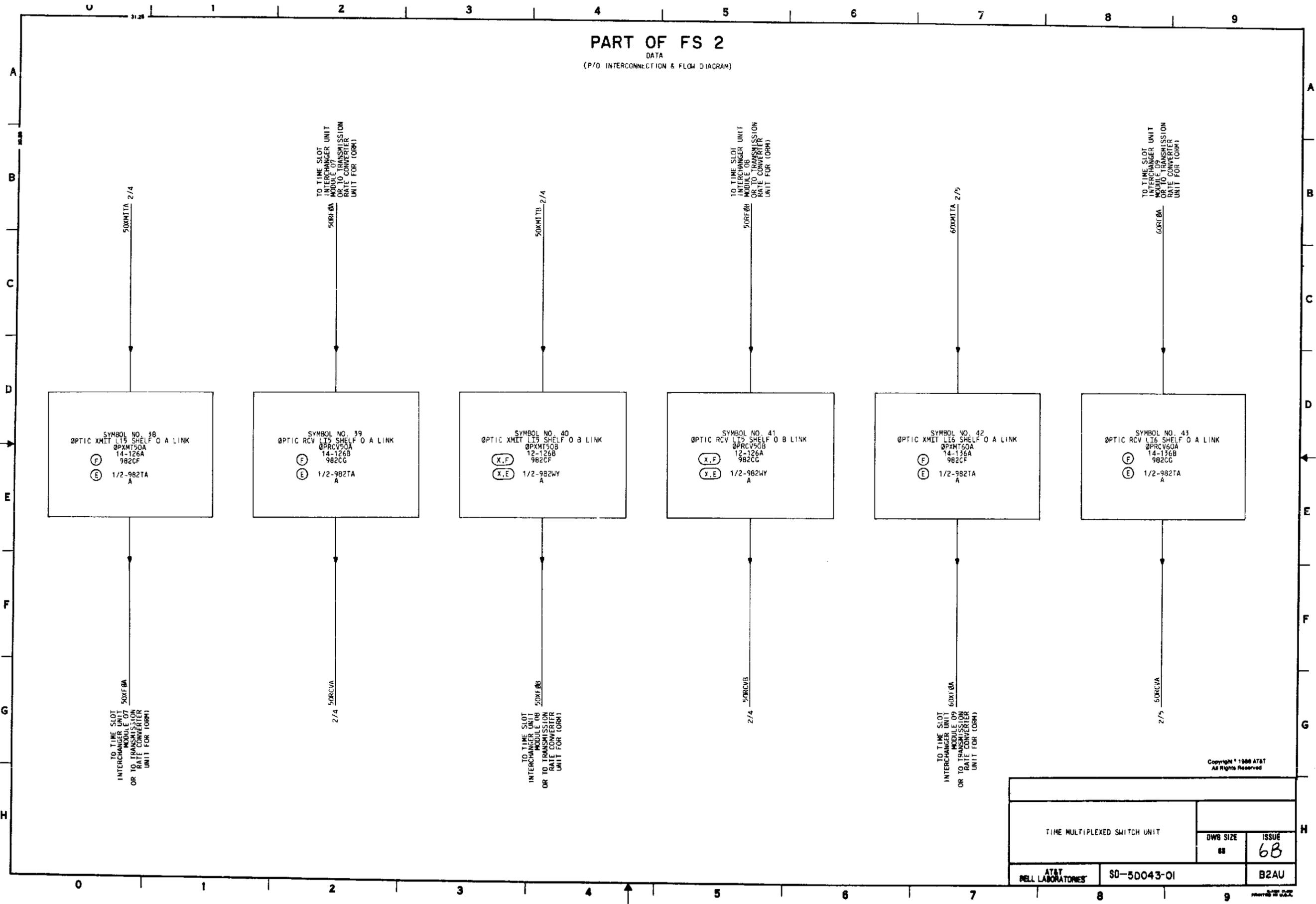
DATA
(P/O INTERCONNECTION & FLOW DIAGRAM)



TIME MULTIPLEXED SWITCH UNIT		DWG SIZE 48	ISSUE 6B
AT&T BELL LABORATORIES	SD-50043-01	B2AT	

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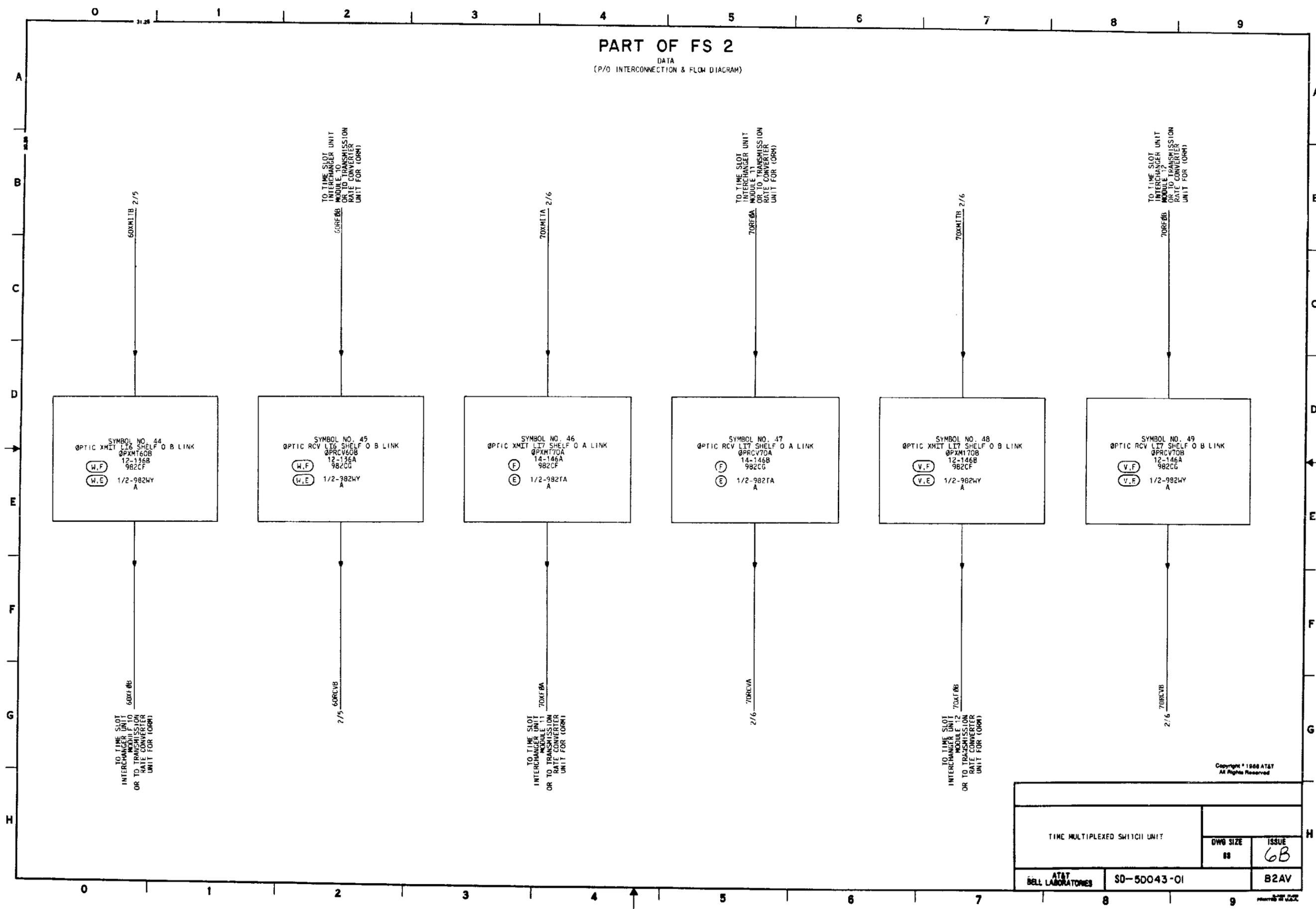
PART OF FS 2
DATA
(P/O INTERCONNECTION & FLOW DIAGRAM)



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TIME MULTIPLEXED SWITCH UNIT		DWB SIZE	ISSUE
		88	6B
AT&T BELL LABORATORIES	SD-50043-01	B2AU	

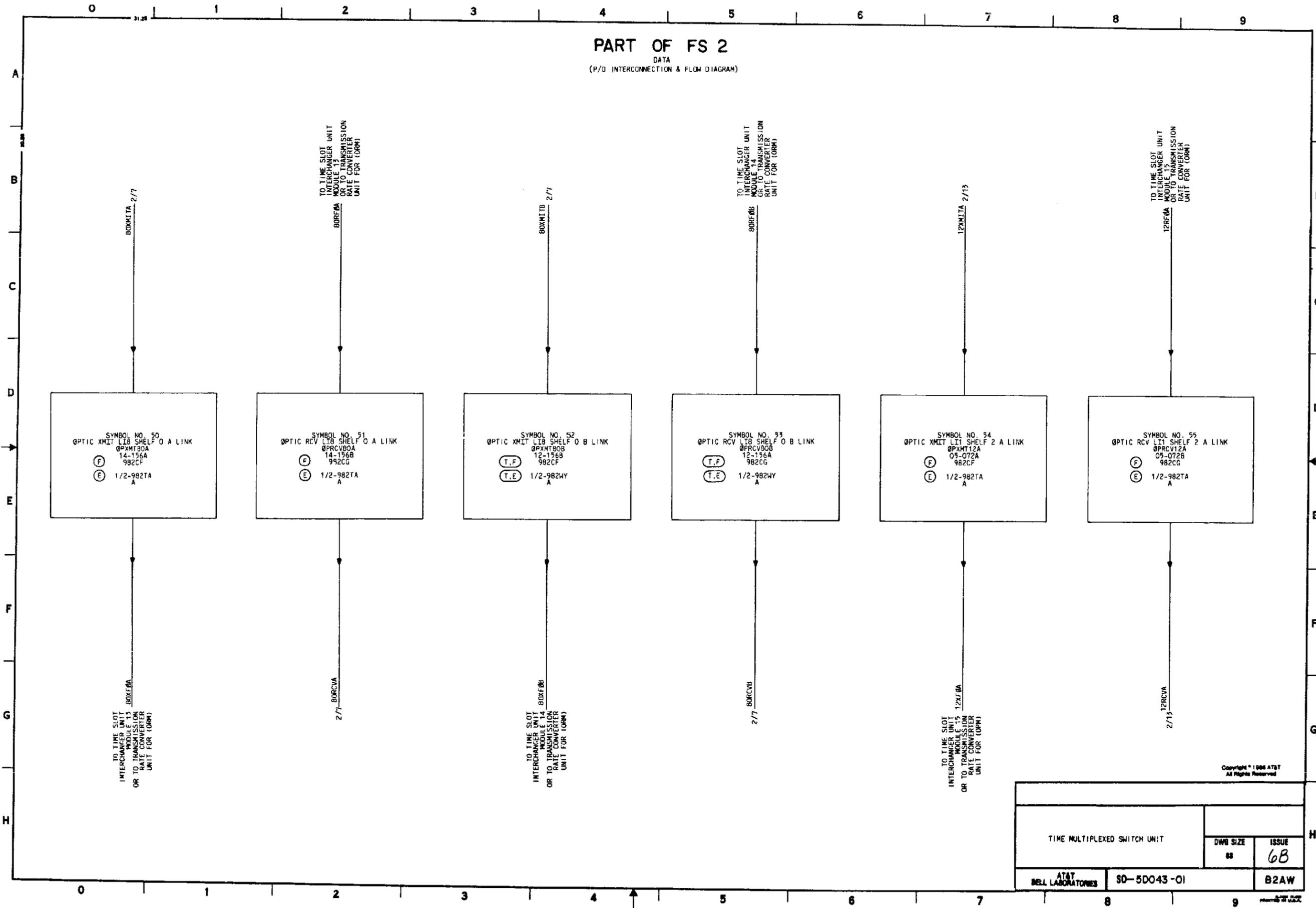
PART OF FS 2
DATA
(P/O INTERCONNECTION & FLOW DIAGRAM)



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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		88	6B
AT&T BELL LABORATORIES	SD-50043-01	B2AV	

PART OF FS 2
DATA
(P/O INTERCONNECTION & FLOW DIAGRAM)



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PART OF FS 2

DATA
(P/O INTERCONNECTION & FLOW DIAGRAM)

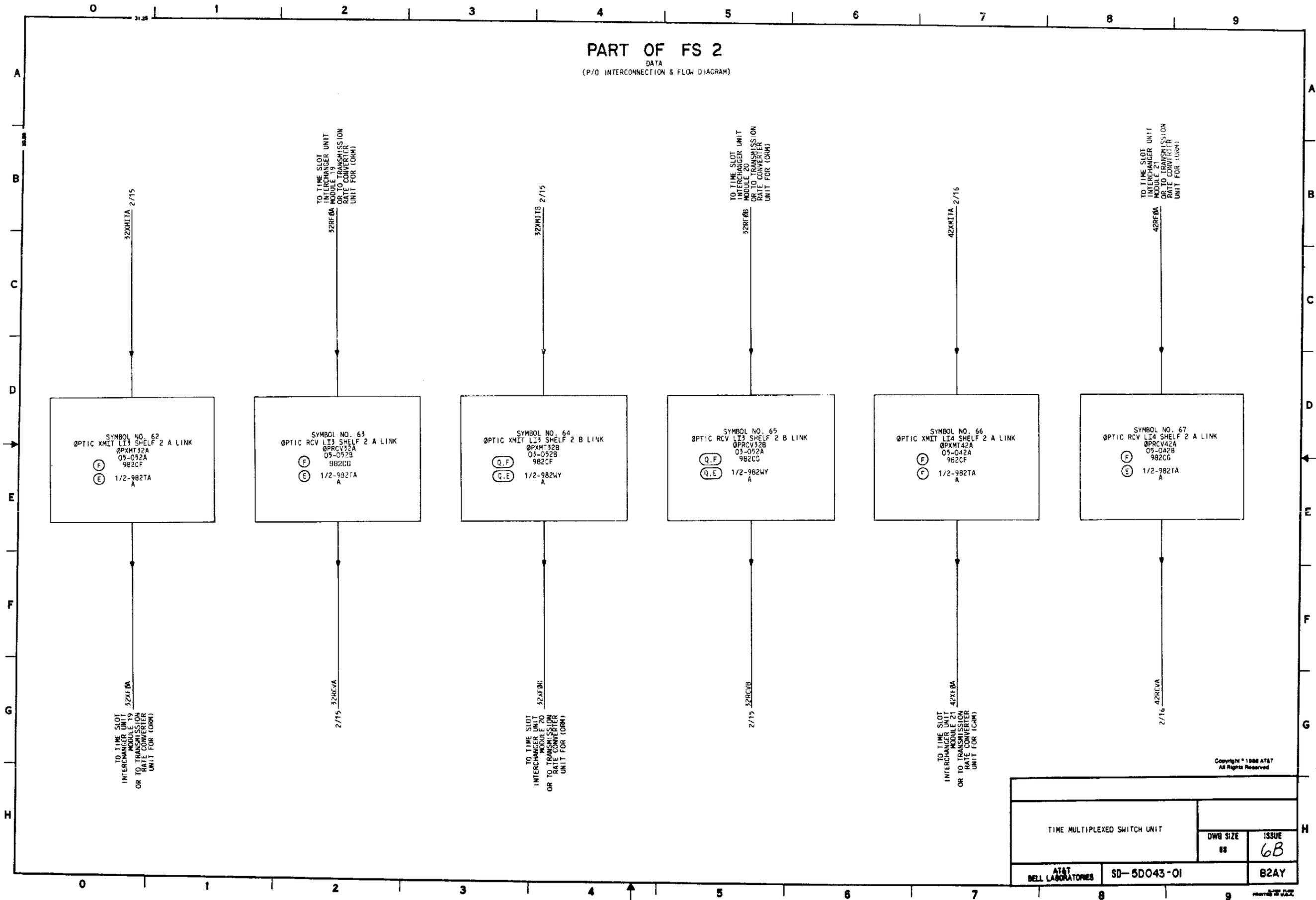


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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		88	6B
AT&T BELL LABORATORIES	SD-50043-01	B2AX	

FORM 57-1022

PART OF FS 2
DATA
(P/O INTERCONNECTION & FLOW DIAGRAM)

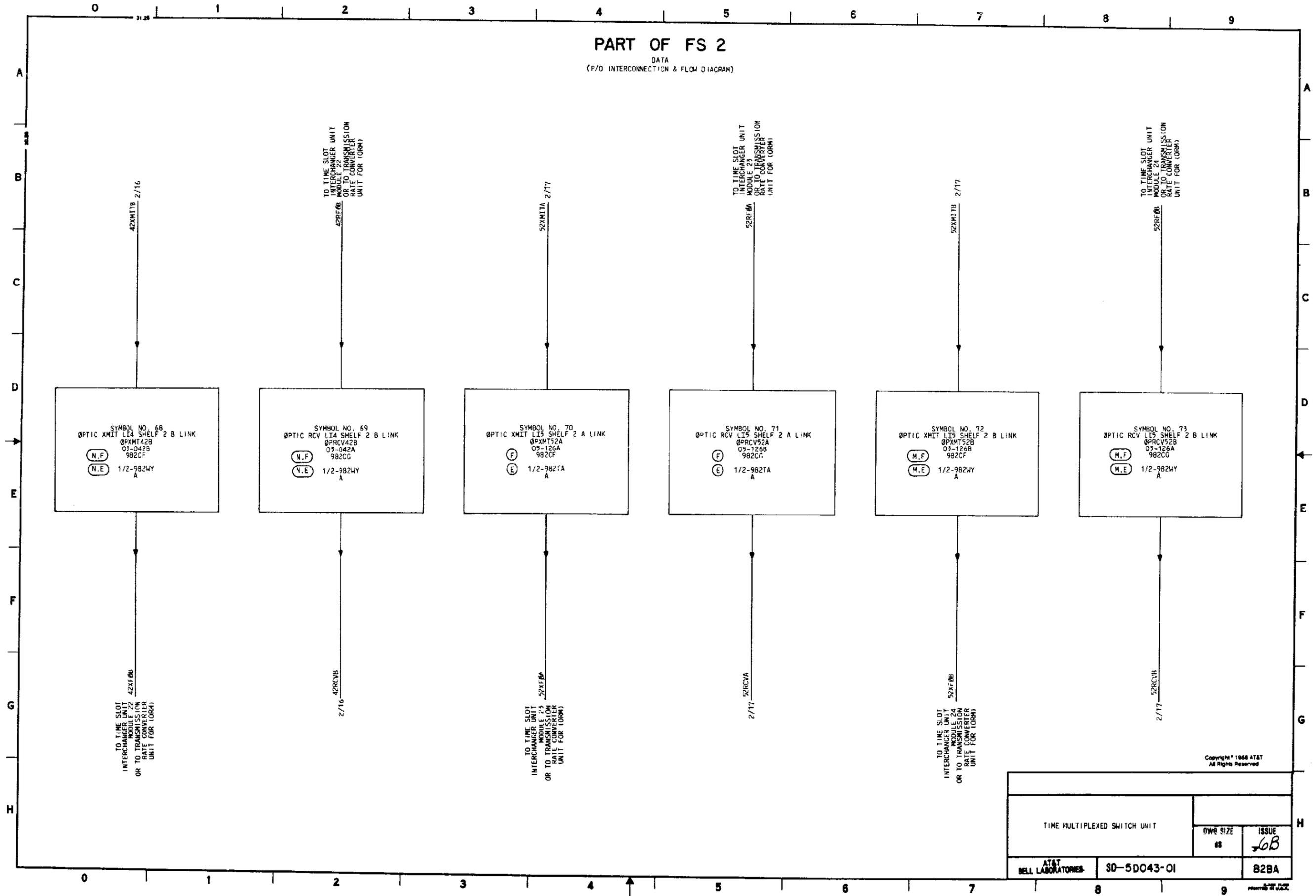


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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		68	6B
AT&T BELL LABORATORIES	SD-5D043-01	B2AY	

FORM 57-1002

PART OF FS 2
DATA
(P/O INTERCONNECTION & FLOW DIAGRAM)

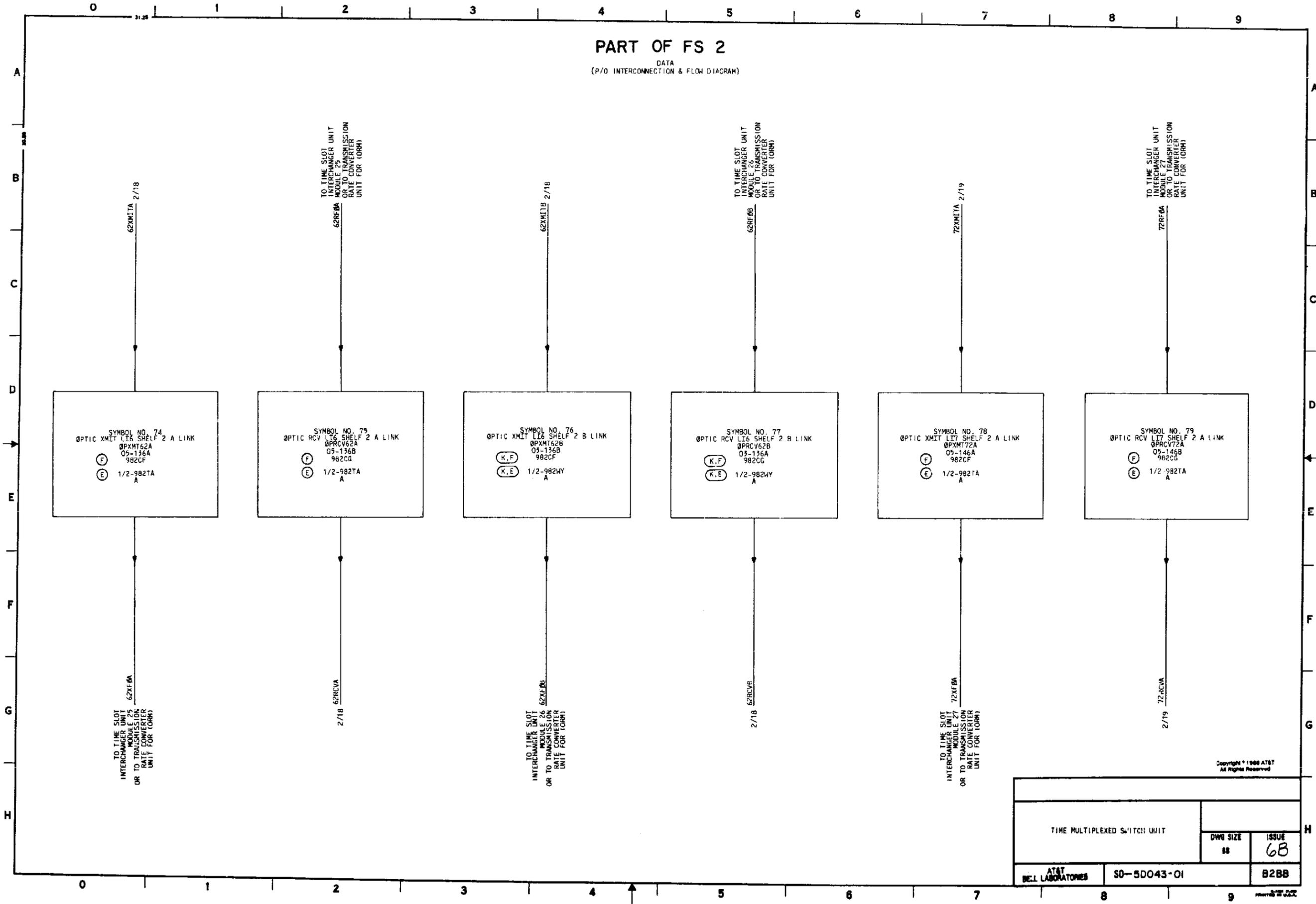


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TIME MULTIPLEXED SWITCH UNIT		DWR SIZE	ISSUE
		48	6B
AT&T BELL LABORATORIES	SD-5D043-01	B2BA	

PART OF FS 2

DATA
(P/O INTERCONNECTION & FLOW DIAGRAM)

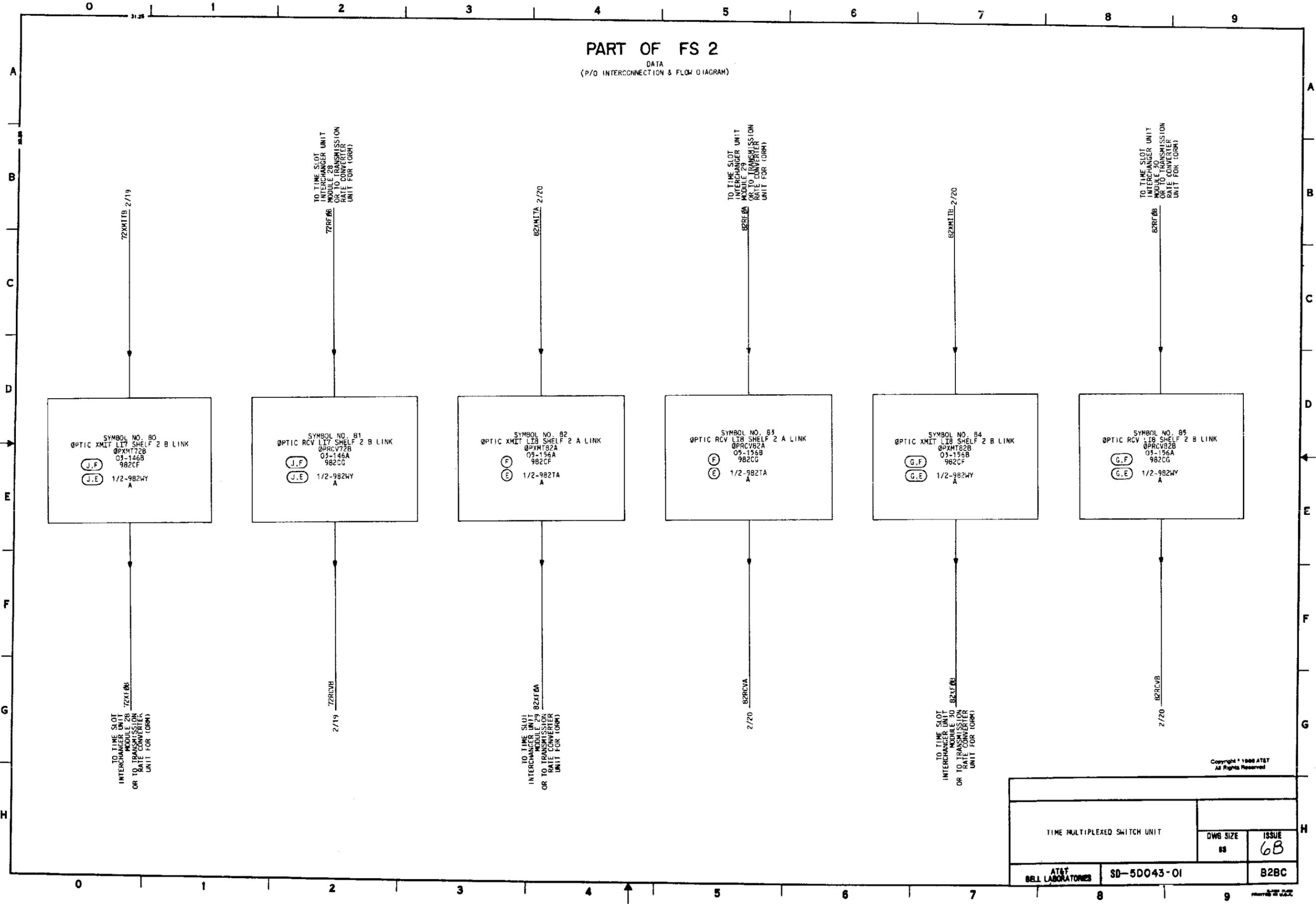


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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		18	6B
AT&T BELL LABORATORIES	S0-50043-01	B2BB	

DATE: 11/88

PART OF FS 2
DATA
(P/O INTERCONNECTION & FLOW DIAGRAM)



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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		88	6B
AT&T BELL LABORATORIES	SD-5D043-01	B2BC	

PRINTED IN U.S.A.

PART OF FS 2
DATA

SYMBOL NO. 1
LINK 2 SHELF 0 1/0

SYMBOL NO. 1 (CONT)
LINK 2 SHELF 0 1/0

SYMBOL NO. 1 (CONT)
LINK 2 SHELF 0 1/0

SYMBOL NO. 2 (CONT)
LINK 3 SHELF 0 1/0

DESIG EOPT CODE ELEM OPT
L2010 13-062 TN243 A

DESIG EOPT CODE ELEM OPT
L2010 13-062 TN243 A

DESIG EOPT CODE ELEM OPT
L2010 13-062 TN243 A

DESIG EOPT CODE ELEM OPT
L3010 13-052 TN243 A 3

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
+CURPRA0	OT	+CURPR	112	1/1	
+CURPRM	OT	+CURPRM	113	1/1	
+SA0	PHR	+5	000	1/1	
	PHR	+5	001	1/1	
	PHR	+5	100	1/1	
	PHR	+5	101	1/1	
+5CON20A	D	COND5A	154	2/27	
+5CON20B	PHR	COND5B	109	2/29	
+5P20A	PHR	+5	051	2/27	
+5P20B	PHR	+5	006	2/29	
+5XP20A	PHR	+5	134	2/26	
+5XP20B	PHR	+5	115	2/28	
-CURPRA0	OT	-CURPR	012	1/1	
-CURPRM	OT	-CURPRM	013	1/1	
-48LIA0	PHR	-48	156	2/2, 2/3	
-48P20A	PHR	-48	049	2/27	
-48P20B	PHR	-48	004	2/29	
-5CA	PHR	-5	022	1/1	
	PHR	-5	122	1/1	
CK160L20	I	TMS160	339	2/8	P/CK161L20
CK161L20	I	TMS161	239	2/8	P/CK160L20
CK8K0L20	I	TMS8K0	337	2/8	P/CK8K1L20
CK8K1L20	I	TMS8K1	237	2/8	P/CK8K0L20
GRD13062	I	RCVETA	152	2/1	
	I	TEST3	251	2/1	
	GRD	GRD	007	2/1	
	GRD	GRD	015	2/1	
	GRD	GRD	021	2/1	
	GRD	GRD	034	2/1	
	GRD	GRD	040	2/1	
	GRD	GRD	050	2/1	
	GRD	GRD	052	2/1	
	GRD	GRD	103	2/1	
	GRD	GRD	104	2/1	
	GRD	GRD	106	2/1	
	GRD	GRD	107	2/1	
	GRD	GRD	120	2/1	
	GRD	GRD	139	2/1	
	GRD	GRD	147	2/1	
	GRD	GRD	148	2/1	
	GRD	GRD	200	2/1	
	GRD	GRD	201	2/1	
	GRD	GRD	214	2/1	
	GRD	GRD	216	2/1	
	GRD	GRD	218	2/1	
	GRD	GRD	223	2/1	
	GRD	GRD	232	2/1	
	GRD	GRD	234	2/1	
	GRD	GRD	236	2/1	
	GRD	GRD	238	2/1	
	GRD	GRD	240	2/1	
	GRD	GRD	243	2/1	
	GRD	GRD	245	2/1	
	GRD	GRD	300	2/1	
	GRD	GRD	301	2/1	
	GRD	GRD	304	2/1	
	GRD	GRD	306	2/1	
	GRD	GRD	313	2/1	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	315	2/1	
	GRD	GRD	317	2/1	
	GRD	GRD	319	2/1	
	GRD	GRD	324	2/1	
	GRD	GRD	333	2/1	
	GRD	GRD	336	2/1	
	GRD	GRD	338	2/1	
	GRD	GRD	340	2/1	
	GRD	GRD	342	2/1	
	GRD	GRD	344	2/1	
	GRD	GRD	346	2/1	
	GRD	GRD	348	2/1	
	GRD	GRD	349	2/1	
	GRD	GRD	005	2/26, 2/27	
				2/28, 2/29	
				1/6, 1/19	
L20ABDF1	D	ABDF1	IC		
L20ABDG1	D	ABADG1	IC	1/6	
L20ADPR1	D	ADPERR1	IC	1/6	
L20AF0A	D	AFODATA	343	2/8	
L20AF0B	D	BFODATA	314	2/8	
L20AF02A	D	AFODATA	347	2/21	P/L20AF12A
L20AF02B	D	BFODATA	318	2/21	P/L20AF12B
L20AF12A	D	AF1DATA	345	2/21	P/L20AF02A
L20AF12B	D	BF1DATA	316	2/21	P/L20AF02B
L20ALPR0	D	ALPERR0	IC	1/6	
L20AOCF1	D	AOCF1	IC	1/6	
L20ASWP1	D	AFABPAR1	IC	1/6	
L20BDF1	D	BADF1	IC	1/6	
L20BBDG1	D	BADG1	IC	1/6	
L20BOPR1	D	ADPERR1	IC	1/6	
L20BFOA	D	AFODATB	242	2/8	
L20BFOB	D	BFODATB	215	2/8	
L20BF02A	D	AFODATB	246	2/21	P/L20BF12A
L20BF02B	D	BFODATB	219	2/21	P/L20BF12B
L20BF12A	D	AF1DATB	244	2/21	P/L20BF02A
L20BF12B	D	BF1DATB	217	2/21	P/L20BF02B
L20BLPR0	D	BLPERR0	IC	1/6	
L20BOOF1	D	BOOF1	IC	1/6	
L20BF1P1	D	BFABPAR1	IC	1/6	
L20BT161	D	BTMS160	IC	1/6	
L20CCNRG	D	CONREG	IC	1/6	
L20ET161	D	OTMS161	IC	1/6	
L20ET161	D	ETMS161	IC	1/6	
L20HR0	I	HR0	IC	1/6	
L20HR1	I	HR1	IC	1/6	
L20HR2	I	HR2	IC	1/6	
L20HR3	I	HR3	IC	1/6	
L20HR4	I	HR4	IC	1/6	
L20HR5	I	HR5	IC	1/6	
L20HR6	I	HR6	IC	1/6	
L20HR7	I	HR7	IC	1/6	
L20RA0	D	RA0	IC	1/6	
L20RA1	D	RA1	IC	1/6	
L20RA2	D	RA2	IC	1/6	
L20RA3	D	RA3	IC	1/6	
L20RA4	D	RA4	IC	1/6	
L20RA5	D	RA5	IC	1/6	
L20RA6	D	RA6	IC	1/6	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
L20RA7	D	RA7	IC	1/6	
L20SLOP0	D	SLOP0	IC	1/6	
NC	OT	SLOP1	IC	1/1	
	OT	BADCLK	IC	1/1	106
	I	CLEAR0	IC	1/1	
	I	TEST10	146	1/1	
	I	TEST6	241	1/1	
	I	TEST5	243	1/1	
	I	TEST9	250	1/1	
	I	CLOCK	252	1/1	
	I	TEST2	253	1/1	
	I	TEST1	254	1/1	
	I	TEST8	255	1/1	106
	I	HI	322	1/1	
	I	TSISEL	334	1/1	
X10AL20A	I	DATA	330	1/1	
X10AL20B	I	AFADA	332	2/9	
	I	BFADA	323	2/9	
X10BL20A	I	AFADB	233	2/9	
X10BL20B	I	BFADB	224	2/9	
X10CL20P	I	ADPAR1	249	1/2	
Z0R0VA	I	RCVA	153	2/27	
Z0R0VB	I	RCVB	108	2/29	
Z0XMITA	D	XMITA	140	2/26	
Z0XMITB	D	XMITB	121	2/28	

SYMBOL NO. 2
LINK 3 SHELF 0 1/0

DESIG EOPT CODE ELEM OPT
L3010 13-052 TN243 A 3

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
+CURPRA0	OT	+CURPR	112	1/1	
+CURPRM	OT	+CURPRM	113	1/1	
+SA0	PHR	+5	000	1/1	
	PHR	+5	001	1/1	
	PHR	+5	100	1/1	
	PHR	+5	101	1/1	
+5CON30A	D	COND5A	154	2/31	
+5CON30B	PHR	COND5B	109	2/33	
+5P30A	PHR	+5	051	2/31	
+5P30B	PHR	+5	006	2/33	
+5XP30A	PHR	+5	134	2/30	
+5XP30B	PHR	+5	115	2/32	
-CURPRA0	OT	-CURPR	012	1/1	
-CURPRM	OT	-CURPRM	013	1/1	
-48LIA0	PHR	-48	156	2/1	
-48P30A	PHR	-48	049	2/31	
-48P30B	PHR	-48	004	2/33	
-5CA	PHR	-5	022	1/1	
	PHR	-5	122	1/1	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
CK160L30	I	TMS160	339	2/8	P/CK161L30
CK161L30	I	TMS161	239	2/8	P/CK160L30
CK8K0L30	I	TMS8K0	337	2/8	P/CK8K1L30
CK8K1L30	I	TMS8K1	237	2/8	P/CK8K0L30
GRD13052	I	RCVETA	152	2/2	
	I	TEST3	251	2/2	
	GRD	GRD	005	2/2	
	GRD	GRD	007	2/2	
	GRD	GRD	015	2/2	
	GRD	GRD	021	2/2	
	GRD	GRD	034	2/2	
	GRD	GRD	040	2/2	
	GRD	GRD	050	2/2	
	GRD	GRD	052	2/2	
	GRD	GRD	103	2/2	
	GRD	GRD	104	2/2	
	GRD	GRD	106	2/2	
	GRD	GRD	107	2/2	
	GRD	GRD	120	2/2	
	GRD	GRD	139	2/2	
	GRD	GRD	147	2/2	
	GRD	GRD	148	2/2	
	GRD	GRD	200	2/2	
	GRD	GRD	201	2/2	
	GRD	GRD	214	2/2	
	GRD	GRD	216	2/2	
	GRD	GRD	218	2/2	
	GRD	GRD	223	2/2	
	GRD	GRD	232	2/2	
	GRD	GRD	234	2/2	
	GRD	GRD	236	2/2	
	GRD	GRD	238	2/2	
	GRD	GRD	240	2/2	
	GRD	GRD	243	2/2	
	GRD	GRD	245	2/2	
	GRD	GRD	300	2/2	
	GRD	GRD	301	2/2	
	GRD	GRD	304	2/2	
	GRD	GRD	306	2/2	
	GRD	GRD	313	2/2	
	GRD	GRD	315	2/2	
	GRD	GRD	317	2/2	
	GRD	GRD	324	2/2	
	GRD	GRD	333	2/2	
	GRD	GRD	336	2/2	
	GRD	GRD	338	2/2	
	GRD	GRD	340	2/2	
	GRD	GRD	342	2/2	
	GRD	GRD	344	2/2	
	GRD	GRD	346	2/2	

PART OF FS 2
SYMBOL(S) 1 2

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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE C2
AT&T BELL LABORATORIES		ISSUE 6B
SD-5D043-01		BZCA

PART OF FS 2
DATA

SYMBOL NO. 2 (CONT)
LINK 3 SHELF 0 I/O

SYMBOL NO. 2 (CONT)
LINK 3 SHELF 0 I/O

SYMBOL NO. 3 (CONT)
LINK 4 SHELF 0 I/O

SYMBOL NO. 3 (CONT)
LINK 4 SHELF 0 I/O

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								
L3010	13-052	TN243	A	3	L3010	13-052	TN243	A	3	L4010	13-042	TN243	A	5	L4010	13-042	TN243	A	5								
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
	GRD	GRD	348		2/2																						
	GRD	GRD	349		2/2																						
	GRD	GRD	319		2/30, 2/31 2/32, 2/33 1/7, 1/20 1/7																						
L30ABDF1	0	ABDF1	IC				X20AL30A	1	DATA	350		1/1															
L30ABDG1	0	ABADG1	IC		1/7		X20AL30B	1	AFADA	332		2/10															
L30ADPR1	0	ADPERR1	IC		1/7		X20BL30A	1	AFADB	233		2/10															
L30AF0A	0	AF0DATA	343		2/8		X20BL30B	1	BFADB	224		2/10															
L30AF0B	0	BF0DATA	314		2/8		X20CL30P	1	ADPAR1	249		1/3															
L30AF02A	0	AF0DATA	347		2/21	P/L30AF12A	30RCVA	1	RCVA	153		2/31															
L30AF02B	0	BF0DATA	318		2/21	P/L30AF12B	30RCVB	1	RCVB	108		2/33															
L30AF12A	0	AF1DATA	345		2/21	P/L30AF02A	30XMITA	0	XMITA	140		2/30															
L30AF12B	0	BF1DATA	316		2/21	P/L30AF02B	30XMITB	0	XMITB	121		2/32															
L30ALPR0	0	ALPERRO	IC		1/7																						
L30A0DF1	0	A0DF1	IC		1/7																						
L30ASMP1	0	AFABPAR1	IC		1/7																						
L30B0DF1	0	B0ADF1	IC		1/7																						
L30B0DG1	0	B0ADG1	IC		1/7																						
L30B0PR1	0	ADPERR1	IC		1/7																						
L30BFOA	0	AF0DATB	242		2/8																						
L30BF0B	0	BF0DATB	215		2/8																						
L30BF02A	0	AF0DATB	246		2/21	P/L30BF12A																					
L30BF02B	0	BF0DATB	219		2/21	P/L30BF12B																					
L30BF12A	0	AF1DATB	244		2/21	P/L30BF02A																					
L30BF12B	0	BF1DATB	217		2/21	P/L30BF02B																					
L30BLPR0	0	BLPERRO	IC		1/7																						
L30B0DF1	0	B0DF1	IC		1/7																						
L30BSMP1	0	BFABPAR1	IC		1/7																						
L30BT161	0	BTMS160	IC		1/7																						
L30CONRG	0	CONREG	IC		1/7																						
L30DT161	0	DTMS161	IC		1/7																						
L30ET161	0	ETMS161	IC		1/7																						
L30HR0	1	HR0	IC		1/7																						
L30HR1	1	HR1	IC		1/7																						
L30HR2	1	HR2	IC		1/7																						
L30HR3	1	HR3	IC		1/7																						
L30HR4	1	HR4	IC		1/7																						
L30HR5	1	HR5	IC		1/7																						
L30HR6	1	HR6	IC		1/7																						
L30HR7	1	HR7	IC		1/7																						
L30RA0	0	RA0	IC		1/7																						
L30RA1	0	RA1	IC		1/7																						
L30RA2	0	RA2	IC		1/7																						
L30RA3	0	RA3	IC		1/7																						
L30RA4	0	RA4	IC		1/7																						
L30RA5	0	RA5	IC		1/7																						
L30RA6	0	RA6	IC		1/7																						
L30RA7	0	RA7	IC		1/7																						
L30SLOP0	0	SLOP0	IC		1/7																						
NC	OT	SLOP1	IC		1/1																						
	OT	BADCLK	IC		1/1																						
	1	CLEAR0	NC		1/1																						
	1	TEST10	146		1/1																						
	1	TEST6	241		1/1																						
	1	TEST5	248		1/1																						
	1	TEST9	250		1/1																						
	1	CLOCK	252		1/1																						
	1	TEST2	253		1/1																						
	1	TEST1	254		1/1																						

SYMBOL NO. 3
LINK 4 SHELF 0 I/O

PART OF FS 2
SYMBOL(S) 2 3

AT&T
BELL LABORATORIES

SD-50043-01

B2CB

DATE SIZE
2 6B

ISSUE
6B

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PART OF FS 2

DATA

SYMBOL NO. 3 (CONT)

LINK 4 SHELF 0 1/0

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
L4010	13-042	TN243	A	5

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
40XMTA	0	XMTA	140	7/34	
40XMTB	0	XMTB	121	2/36	

SYMBOL NO. 4

LINK 5 SHELF 0 1/0

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
L5010	13-126	TN243	A	6

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
+CLRPRB0	OT	+CLRPR	112	2/5, 2/6 2/7, 2/11 2/12	
+CLRPRM +5B0	OT PWR	+CLRPRM +5	113 000	3/2 1/1 2/4	
	PWR	+5	001	2/4	
	PWR	+5	100	2/4	
	PWR	+5	101	2/4	
	PWR	+5	356	2/4	
	PWR	+5	355	2/5, 2/6 2/7, 2/11 2/12, 3/2	
+5CON50A	0	COND5A	154	2/39	
+5CON50B	PWR	COND5B	109	2/41	
+5P50A	PWR	+5	051	2/39	
+5P50B	PWR	+5	006	2/41	
+5XP50A	PWR	+5	134	2/38	
+5XP50B	PWR	+5	115	2/40	
-CLRPRB0	OT	-CLRPR	012	2/5, 2/6 2/7, 2/11 2/12	
	I			3/2	
-CLRPRM -48L1B0	OT PWR	-CLRPRM -48	013 156	1/1 2/5, 2/6 2/7	
-48P50A	PWR	-48	049	2/39	
-48P50B	PWR	-48	004	2/41	
-5CA	PWR	-5	022	1/1	
	PWR	-5	122	1/1	
CK160L50	I	TMS160	339	2/8	P/CK161L50
CK161L50	I	TMS161	239	2/8	P/CK160L50
CK8K0L50	I	TMS8K0	337	2/8	P/CK8K1L50
CK8K1L50	I	TMS8K1	237	2/8	P/CK8K0L50
GRD13126	I	RCVRETA	152	2/4	
	I	TEST3	251	2/4	
	GRD	GRD	005	2/4	
	GRD	GRD	007	2/4	
	GRD	GRD	015	2/4	
	GRD	GRD	021	2/4	
	GRD	GRD	034	2/4	
	GRD	GRD	040	2/4	
	GRD	GRD	050	2/4	
	GRD	GRD	052	2/4	
	GRD	GRD	103	2/4	

SYMBOL NO. 4 (CONT)

LINK 5 SHELF 0 1/0

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
L5010	13-126	TN243	A	6

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	194	2/4	
	GRD	GRD	196	2/4	
	GRD	GRD	107	2/4	
	GRD	GRD	120	2/4	
	GRD	GRD	139	2/4	
	GRD	GRD	147	2/4	
	GRD	GRD	148	2/4	
	GRD	GRD	200	2/4	
	GRD	GRD	201	2/4	
	GRD	GRD	214	2/4	
	GRD	GRD	216	2/4	
	GRD	GRD	218	2/4	
	GRD	GRD	223	2/4	
	GRD	GRD	232	2/4	
	GRD	GRD	234	2/4	
	GRD	GRD	236	2/4	
	GRD	GRD	238	2/4	
	GRD	GRD	240	2/4	
	GRD	GRD	243	2/4	
	GRD	GRD	245	2/4	
	GRD	GRD	300	2/4	
	GRD	GRD	301	2/4	
	GRD	GRD	304	2/4	
	GRD	GRD	306	2/4	
	GRD	GRD	313	2/4	
	GRD	GRD	317	2/4	
	GRD	GRD	319	2/4	
	GRD	GRD	324	2/4	
	GRD	GRD	333	2/4	
	GRD	GRD	336	2/4	
	GRD	GRD	338	2/4	
	GRD	GRD	340	2/4	
	GRD	GRD	342	2/4	
	GRD	GRD	344	2/4	
	GRD	GRD	346	2/4	
	GRD	GRD	348	2/4	
	GRD	GRD	349	2/4	
	GRD	GRD	315	2/4	
L50ABDF1	0	ABDF1	1C	2/38, 2/39 2/40, 2/41 1/9, 1/22 1/9	
L50ABDG1	0	ABADG1	1C	1/9	
L50ADPR1	0	ADPERR1	1C	1/9	
L50AF0A	0	AFODATA	343	2/8	
L50AF0B	0	BFODATA	314	2/8	
L50AF02A	0	AFODATA	347	2/21	P/L50AF12A
L50AF02B	0	BFODATA	318	2/21	P/L50AF12B
L50AF12A	0	AF1DATA	345	2/21	P/L50AF02A
L50AF12B	0	BF1DATA	316	2/21	P/L50AF02B
L50ALPRO	0	ALPERRO	1C	1/9	
L50A00F1	0	A00F1	1C	1/9	
L50ASMP1	0	AFABPAR1	1C	1/9	
L50BDF1	0	BBADF1	1C	1/9	
L50BBDG1	0	BBADG1	1C	1/9	
L50BDPR1	0	ADPERR1	1C	1/9	
L50BF0A	0	AFODATB	242	2/8	
L50BF0B	0	BFODATB	215	2/8	
L50BF02A	0	AFODATB	246	2/21	P/L50BF12A
L50BF02B	0	BFODATB	219	2/21	P/L50BF12B

SYMBOL NO. 4 (CONT)

LINK 5 SHELF 0 1/0

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
L5010	13-126	TN243	A	6

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
L50BF12A	0	AF1DATB	244	2/21	P/L50BF02A
L50BF12B	0	BF1DATB	217	2/21	P/L50BF02B
L50BLPRO	0	BLPERRO	1C	1/9	
L50B00F1	0	B00F1	1C	1/9	
L50BSMP1	0	BFABPAR1	1C	1/9	
L50BT161	0	BTMS160	1C	1/9	
L50CONRG	0	CONREG	1C	1/9	
L50DT161	0	DTMS161	1C	1/9	
L50ET161	0	ETMS161	1C	1/9	
L50MR0	I	MR0	1C	1/9	
L50MR1	I	MR1	1C	1/9	
L50MR2	I	MR2	1C	1/9	
L50MR3	I	MR3	1C	1/9	
L50MR4	I	MR4	1C	1/9	
L50MR5	I	MR5	1C	1/9	
L50MR6	I	MR6	1C	1/9	
L50MR7	I	MR7	1C	1/9	
L50RA0	0	RA0	1C	1/9	
L50RA1	0	RA1	1C	1/9	
L50RA2	0	RA2	1C	1/9	
L50RA3	0	RA3	1C	1/9	
L50RA4	0	RA4	1C	1/9	
L50RA5	0	RA5	1C	1/9	
L50RA6	0	RA6	1C	1/9	
L50RA7	0	RA7	1C	1/9	
L50SLOPO	0	SLOPO	1C	1/9	
NC	DT	BADECLK	1C	1/1	
	OT	SLOP1	1C	1/1	
	I	CLEAR0	NC	1/1	106
	I	TEST10	146	1/1	
	I	TEST6	241	1/1	
	I	TEST5	248	1/1	
	I	TEST9	250	1/1	
	I	CLOCK	252	1/1	
	I	TEST2	253	1/1	
	I	TEST1	254	1/1	
	I	TEST8	255	1/1	
	I	HI	322	1/1	106
	I	TSTSEL	334	1/1	
	I	DATA	350	1/1	
X30AL50A	I	AFADA	332	2/11	
X30AL50B	I	BFADA	323	2/11	
X30BL50A	I	AFADB	233	2/11	
X30BL50B	I	BFADB	224	2/11	
X30CL50P	I	ADPAR1	249	1/4	
S0REVA	I	RCVA	153	2/39	
S0RCVB	I	RCVB	108	2/41	
S0XMTA	0	XMTA	140	2/38	
S0XMTB	0	XMTB	121	2/40	

PART OF FS 2
SYMBOL(S) 3 4

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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE C
		ISSUE 6B
AT&T BELL LABORATORIES	SD-5D043-01	B2CC

PART OF FS 2

DATA

SYMBOL NO. 5

LINK 6 SHELF 0 I/O

SYMBOL NO. 5 (CONT)

LINK 6 SHELF 0 I/O

SYMBOL NO. 5 (CONT)

LINK 6 SHELF 0 I/O

SYMBOL NO. 6 (CONT)

LINK 7 SHELF 0 I/O

DESIG	EOPT	CODE	ELEM	OPT	DESIG	EOPT	CODE	ELEM	OPT	DESIG	EOPT	CODE	ELEM	OPT	DESIG	EOPT	CODE	ELEM	OPT					
L6010	13-136	TN243	A	7	L6010	13-136	TN243	A	7	L6010	13-136	TN243	A	7	L7010	13-146	TN243	A	16					
LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	
+CURPRB0	OT	+CURPR	112	2/4																				
+CURPRM	OT	+CURPRM	113	1/1																				
+SBO	PHR	+5	000	2/4																				
	PHR	+5	001	2/4																				
	PHR	+5	100	2/4																				
	PHR	+5	101	2/4																				
	PHR	+5	355	2/4																				
	PHR	+5	356	2/4																				
	PHR	+5	356	2/4																				
+5CON60A	O	COND5A	154	2/43																				
+5CON60B	PHR	COND5B	109	2/45																				
+5P60A	PHR	+5	051	2/43																				
+5P60B	PHR	+5	006	2/45																				
+5XP60A	PHR	+5	134	2/42																				
+5XP60B	PHR	+5	115	2/48																				
-CURPRB0	OT	-CURPR	012	2/4																				
-48L1B0	PHR	-48	156	1/1																				
-48P60A	PHR	-48	049	2/43																				
-48P60B	PHR	-48	004	2/45																				
-SCA	PHR	-5	022	1/1																				
	PHR	-5	122	1/1																				
CK160L60	I	TMS160	339	2/8	P/CK161L60																			
CK161L60	I	TMS161	239	2/8	P/CK160L60																			
CK8K0L60	I	TMS8K0	337	2/8	P/CK8K1L60																			
CK8K1L60	I	TMS8K1	237	2/8	P/CK8K0L60																			
GRD13136	I	RCVRETA	152	2/5																				
	I	TEST3	251	2/5																				
	GRD	GRD	005	2/5																				
	GRD	GRD	007	2/5																				
	GRD	GRD	015	2/5																				
	GRD	GRD	021	2/5																				
	GRD	GRD	034	2/5																				
	GRD	GRD	040	2/5																				
	GRD	GRD	050	2/5																				
	GRD	GRD	052	2/5																				
	GRD	GRD	103	2/5																				
	GRD	GRD	104	2/5																				
	GRD	GRD	106	2/5																				
	GRD	GRD	107	2/5																				
	GRD	GRD	120	2/5																				
	GRD	GRD	139	2/5																				
	GRD	GRD	147	2/5																				
	GRD	GRD	148	2/5																				
	GRD	GRD	200	2/5																				
	GRD	GRD	201	2/5																				
	GRD	GRD	214	2/5																				
	GRD	GRD	216	2/5																				
	GRD	GRD	218	2/5																				
	GRD	GRD	223	2/5																				
	GRD	GRD	232	2/5																				
	GRD	GRD	234	2/5																				
	GRD	GRD	236	2/5																				
	GRD	GRD	238	2/5																				
	GRD	GRD	240	2/5																				
	GRD	GRD	243	2/5																				
	GRD	GRD	245	2/5																				
	GRD	GRD	300	2/5																				
	GRD	GRD	301	2/5																				
	GRD	GRD	304	2/5																				
	GRD	GRD	306	2/5																				

SYMBOL NO. 6

LINK 7 SHELF 0 I/O

PART OF FS 2
SYMBOL(S) 5 6

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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE 6B
AT&T BELL LABORATORIES	SD-5D043-01	B2CD

PART OF FS 2
DATA

SYMBOL NO. 6 (CONT)
LINK 7 SHELF 0 1/0

SYMBOL NO. 6 (CONT)
LINK 7 SHELF 0 1/0

SYMBOL NO. 7 (CONT)
LINK & SHELF 0 1/0

SYMBOL NO. 7 (CONT)
LINK & SHELF 0 1/0

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
L7010	13-146	TN243	A	16	L7010	13-146	TN243	A	16	L8010	13-156	TN243	A	9	L8010	13-156	TN243	A	9
L70ABDF1	0	ABDF1	IC		X40AL70A	1	DATA	350	1/1	L80ABDF1	0	ABDF1	IC		X40AL80A	1	DATA	350	1/1
L70ABDG1	0	ABADG1	IC		X40AL70B	1	BFADA	323	2/12	L80ABDG1	0	ABADG1	IC		X40AL80B	1	BFADA	323	2/12
L70ADPR1	0	ADPERR1	IC		X40BL70A	1	AFADB	233	2/12	L80ADPR1	0	ADPERR1	IC		X40BL80A	1	AFADB	233	2/12
L70AF0A	0	AFODATA	343		X40BL70B	1	BFADB	224	2/12	L80AF0A	0	AFODATA	343		X40BL80B	1	BFADB	224	2/12
L70AF0B	0	BFDDATA	314		X40CL70P	1	ADPAR1	249	1/5	L80AF0B	0	BFODATA	314		X40CL80P	1	ADPAR1	249	1/5
L70AF02A	0	AFODATA	347		70RCVA	1	RCVA	153	2/47	L80AF02A	0	AFODATA	347		80RCVA	1	RCVA	153	2/51
L70AF02B	0	BFODATA	318		70RCVB	1	RCVB	108	2/49	L80AF02B	0	BFODATA	318		80RCVB	1	RCVB	108	2/53
L70AF12A	0	AF1DATA	345		70XMITA	0	XMITA	140	2/46	L80AF12A	0	AF1DATA	345		L80AF12A	0	AF1DATA	345	
L70AF12B	0	BF1DATA	316		70XMITB	0	XMITB	121	2/48	L80AF12B	0	BF1DATA	316		L80AF12B	0	BF1DATA	316	
L70ALPRO	0	ALPERR0	IC							L80ALPRO	0	ALPERR0	IC		L80ALPRO	0	ALPERR0	IC	
L70AODF1	0	AODF1	IC							L80AODF1	0	AODF1	IC		L80AODF1	0	AODF1	IC	
L70ASMP1	0	AFABPAR1	IC							L80ASMP1	0	AFABPAR1	IC		L80ASMP1	0	AFABPAR1	IC	
L70BBDG1	0	BBADG1	IC							L80BBDG1	0	BBADG1	IC		L80BBDG1	0	BBADG1	IC	
L70BDPR1	0	ADPERR1	IC							L80BDPR1	0	ADPERR1	IC		L80BDPR1	0	ADPERR1	IC	
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L70BF0B	0	BFODATB	215							L80BF0B	0	BFODATB	215		L80BF0B	0	BFODATB	215	
L70BF02A	0	AFODATB	246							L80BF02A	0	AFODATB	246		L80BF02A	0	AFODATB	246	
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L70BF12A	0	AF1DATB	244							L80BF12A	0	AF1DATB	244		L80BF12A	0	AF1DATB	244	
L70BF12B	0	BF1DATB	217							L80BF12B	0	BF1DATB	217		L80BF12B	0	BF1DATB	217	
L70BLPRO	0	BLPERR0	IC							L80BLPRO	0	BLPERR0	IC		L80BLPRO	0	BLPERR0	IC	
L70BOOF1	0	BOOF1	IC							L80BOOF1	0	BOOF1	IC		L80BOOF1	0	BOOF1	IC	
L70BSMP1	0	BFABPAR1	IC							L80BSMP1	0	BFABPAR1	IC		L80BSMP1	0	BFABPAR1	IC	
L70BT161	0	BTHS160	IC							L80BT161	0	BTHS160	IC		L80BT161	0	BTHS160	IC	
L70CONRG	0	CONREG	IC							L80CONRG	0	CONREG	IC		L80CONRG	0	CONREG	IC	
L70DT161	0	DTHS161	IC							L80DT161	0	DTHS161	IC		L80DT161	0	DTHS161	IC	
L70ET161	0	ETHS161	IC							L80ET161	0	ETHS161	IC		L80ET161	0	ETHS161	IC	
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	OT	SLOP1	IC								OT	SLOP1	IC			OT	SLOP1	IC	
	1	CLEAR0	NC								1	CLEAR0	NC			1	CLEAR0	NC	
	1	TEST10	146								1	TEST10	146			1	TEST10	146	
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	1	CLOCK	252								1	CLOCK	252			1	CLOCK	252	
	1	TEST2	253								1	TEST2	253			1	TEST2	253	
	1	TEST1	254								1	TEST1	254			1	TEST1	254	

PART OF FS 2
SYMBOL(S) 6 7

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TIME MULTIPLEXED SWITCH UNIT

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DWG SIZE
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DATA

SYMBOL NO. 7 (CONT) LINK & SHELF 0 170							SYMBOL NO. 8 (CONT) CLOCK & DATA FANOUT SHELF 0							SYMBOL NO. 8 (CONT) CLOCK & DATA FANOUT SHELF 0							SYMBOL NO. 8 (CONT) CLOCK & DATA FANOUT SHELF 0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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OPT</th><th>DESTINATION</th><th>NOTE</th></tr> </thead> <tbody> <tr> <td>CK8K0X20</td><td>0</td><td>FAB28K0</td><td>032</td><td>2/10</td><td>P/CK8K1X20</td></tr> <tr> <td>CK8K0X30</td><td>0</td><td>FAB38K0</td><td>522</td><td>2/11</td><td>P/CK8K1X30</td></tr> <tr> <td>CK8K0X40</td><td>0</td><td>FAB48K0</td><td>524</td><td>2/12</td><td>P/CK8K1X40</td></tr> <tr> <td>CK8K1L20</td><td>0</td><td>L128K1</td><td>220</td><td>2/1</td><td>P/CK8K0L20</td></tr> <tr> <td>CK8K1L30</td><td>0</td><td>L138K1</td><td>233</td><td>2/2</td><td>P/CK8K0L30</td></tr> <tr> <td>CK8K1L40</td><td>0</td><td>L148K1</td><td>236</td><td>2/3</td><td>P/CK8K0L40</td></tr> <tr> <td>CK8K1L50</td><td>0</td><td>L158K1</td><td>420</td><td>2/4</td><td>P/CK8K0L50</td></tr> <tr> <td>CK8K1L60</td><td>0</td><td>L168K1</td><td>321</td><td>2/5</td><td>P/CK8K0L60</td></tr> <tr> <td>CK8K1L70</td><td>0</td><td>L178K1</td><td>433</td><td>2/6</td><td>P/CK8K0L70</td></tr> <tr> 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<td>FOAX10ZD</td><td>0</td><td>1100B</td><td>248</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZE</td><td>0</td><td>1120B</td><td>348</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZF</td><td>0</td><td>1140B</td><td>347</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZG</td><td>0</td><td>1160B</td><td>054</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZH</td><td>0</td><td>1180B</td><td>053</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZI</td><td>0</td><td>1200B</td><td>153</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZJ</td><td>0</td><td>1220B</td><td>152</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZK</td><td>0</td><td>1240B</td><td>253</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZL</td><td>0</td><td>1260B</td><td>252</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZM</td><td>0</td><td>1280B</td><td>352</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZN</td><td>0</td><td>1300B</td><td>351</td><td>2/9, 2/10</td><td></td></tr> 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<td>FOAX10ZBE</td><td>0</td><td>2160B</td><td>530</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZBF</td><td>0</td><td>2180B</td><td>529</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZBG</td><td>0</td><td>2200B</td><td>629</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZBH</td><td>0</td><td>2220B</td><td>628</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZBI</td><td>0</td><td>2240B</td><td>728</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZBJ</td><td>0</td><td>2260B</td><td>727</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZBK</td><td>0</td><td>2280B</td><td>827</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZBL</td><td>0</td><td>2300B</td><td>826</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZBM</td><td>0</td><td>2320B</td><td>926</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZBN</td><td>0</td><td>2340B</td><td>925</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZBO</td><td>0</td><td>2360B</td><td>025</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZBP</td><td>0</td><td>2380B</td><td>024</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZBQ</td><td>0</td><td>2400B</td><td>124</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZBR</td><td>0</td><td>2420B</td><td>123</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZBS</td><td>0</td><td>2440B</td><td>223</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZBT</td><td>0</td><td>2460B</td><td>222</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZBU</td><td>0</td><td>2480B</td><td>322</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZBV</td><td>0</td><td>2500B</td><td>321</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZBW</td><td>0</td><td>2520B</td><td>421</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZBX</td><td>0</td><td>2540B</td><td>420</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZBY</td><td>0</td><td>2560B</td><td>520</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZBZ</td><td>0</td><td>2580B</td><td>519</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZCA</td><td>0</td><td>2600B</td><td>619</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZCB</td><td>0</td><td>2620B</td><td>618</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZCC</td><td>0</td><td>2640B</td><td>718</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZCD</td><td>0</td><td>2660B</td><td>717</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZCE</td><td>0</td><td>2680B</td><td>817</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZCF</td><td>0</td><td>2700B</td><td>816</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZCG</td><td>0</td><td>2720B</td><td>916</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZCH</td><td>0</td><td>2740B</td><td>915</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZCI</td><td>0</td><td>2760B</td><td>015</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZCJ</td><td>0</td><td>2780B</td><td>014</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZCK</td><td>0</td><td>2800B</td><td>114</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZCL</td><td>0</td><td>2820B</td><td>113</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZCM</td><td>0</td><td>2840B</td><td>213</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZCN</td><td>0</td><td>2860B</td><td>212</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZCO</td><td>0</td><td>2880B</td><td>312</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZCP</td><td>0</td><td>2900B</td><td>311</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZCQ</td><td>0</td><td>2920B</td><td>411</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZCR</td><td>0</td><td>2940B</td><td>410</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZCS</td><td>0</td><td>2960B</td><td>510</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZCT</td><td>0</td><td>2980B</td><td>509</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZCU</td><td>0</td><td>3000B</td><td>609</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZCV</td><td>0</td><td>3020B</td><td>608</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZCW</td><td>0</td><td>3040B</td><td>708</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZCX</td><td>0</td><td>3060B</td><td>707</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZCY</td><td>0</td><td>3080B</td><td>807</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZCZ</td><td>0</td><td>3100B</td><td>806</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZDA</td><td>0</td><td>3120B</td><td>906</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZDB</td><td>0</td><td>3140B</td><td>905</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZDC</td><td>0</td><td>3160B</td><td>005</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZDD</td><td>0</td><td>3180B</td><td>004</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZDE</td><td>0</td><td>3200B</td><td>104</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZDF</td><td>0</td><td>3220B</td><td>103</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZDG</td><td>0</td><td>3240B</td><td>203</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZDH</td><td>0</td><td>3260B</td><td>202</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZDI</td><td>0</td><td>3280B</td><td>302</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZDJ</td><td>0</td><td>3300B</td><td>301</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZDK</td><td>0</td><td>3320B</td><td>401</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZDL</td><td>0</td><td>3340B</td><td>400</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZDM</td><td>0</td><td>3360B</td><td>500</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZDN</td><td>0</td><td>3380B</td><td>500</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZDO</td><td>0</td><td>3400B</td><td>600</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZDP</td><td>0</td><td>3420B</td><td>600</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZDQ</td><td>0</td><td>3440B</td><td>700</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZDR</td><td>0</td><td>3460B</td><td>700</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZDS</td><td>0</td><td>3480B</td><td>800</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZDT</td><td>0</td><td>3500B</td><td>800</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZDU</td><td>0</td><td>3520B</td><td>900</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZDV</td><td>0</td><td>3540B</td><td>900</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZDW</td><td>0</td><td>3560B</td><td>000</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZDX</td><td>0</td><td>3580B</td><td>000</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZDY</td><td>0</td><td>3600B</td><td>100</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZDZ</td><td>0</td><td>3620B</td><td>100</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZEA</td><td>0</td><td>3640B</td><td>200</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZEB</td><td>0</td><td>3660B</td><td>200</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZEC</td><td>0</td><td>3680B</td><td>300</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZED</td><td>0</td><td>3700B</td><td>300</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZEE</td><td>0</td><td>3720B</td><td>400</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZEF</td><td>0</td><td>3740B</td><td>400</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZEG</td><td>0</td><td>3760B</td><td>500</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZEH</td><td>0</td><td>3780B</td><td>500</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZEI</td><td>0</td><td>3800B</td><td>600</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZEJ</td><td>0</td><td>3820B</td><td>600</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZEK</td><td>0</td><td>3840B</td><td>700</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZEL</td><td>0</td><td>3860B</td><td>700</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZEM</td><td>0</td><td>3880B</td><td>800</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZEN</td><td>0</td><td>3900B</td><td>800</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZEO</td><td>0</td><td>3920B</td><td>900</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZEP</td><td>0</td><td>3940B</td><td>900</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZEQ</td><td>0</td><td>3960B</td><td>000</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZER</td><td>0</td><td>3980B</td><td>000</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZES</td><td>0</td><td>4000B</td><td>100</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZET</td><td>0</td><td>4020B</td><td>100</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZEU</td><td>0</td><td>4040B</td><td>200</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZEV</td><td>0</td><td>4060B</td><td>200</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZEW</td><td>0</td><td>4080B</td><td>300</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZEX</td><td>0</td><td>4100B</td><td>300</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZEY</td><td>0</td><td>4120B</td><td>400</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZEZ</td><td>0</td><td>4140B</td><td>400</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZFA</td><td>0</td><td>4160B</td><td>500</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZFB</td><td>0</td><td>4180B</td><td>500</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZFC</td><td>0</td><td>4200B</td><td>600</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZFD</td><td>0</td><td>4220B</td><td>600</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZFE</td><td>0</td><td>4240B</td><td>700</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZFF</td><td>0</td><td>4260B</td><td>700</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZFG</td><td>0</td><td>4280B</td><td>800</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZFH</td><td>0</td><td>4300B</td><td>800</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZFI</td><td>0</td><td>4320B</td><td>900</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZFJ</td><td>0</td><td>4340B</td><td>900</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZFK</td><td>0</td><td>4360B</td><td>000</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZFL</td><td>0</td><td>4380B</td><td>000</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZFM</td><td>0</td><td>4400B</td><td>100</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZFN</td><td>0</td><td>4420B</td><td>100</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZFO</td><td>0</td><td>4440B</td><td>200</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZFP</td><td>0</td><td>4460B</td><td>200</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZFQ</td><td>0</td><td>4480B</td><td>300</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZFR</td><td>0</td><td>4500B</td><td>300</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZFS</td><td>0</td><td>4520B</td><td>400</td><td>2/11, 2/12</td><td></td></tr> <tr> <td>FOAX10ZFT</td><td>0</td><td>4540B</td><td>400</td><td>2/9, 2/10</td><td></td></tr> <tr> <td>FOAX10ZFU</td><td>0</td><td>4560B</td><td>50</td></tr></tbody></table>							LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	CK8K0X20	0	FAB28K0	032	2/10	P/CK8K1X20	CK8K0X30	0	FAB38K0	522	2/11	P/CK8K1X30	CK8K0X40	0	FAB48K0	524	2/12	P/CK8K1X40	CK8K1L20	0	L128K1	220	2/1	P/CK8K0L20	CK8K1L30	0	L138K1	233	2/2	P/CK8K0L30	CK8K1L40	0	L148K1	236	2/3	P/CK8K0L40	CK8K1L50	0	L158K1	420	2/4	P/CK8K0L50	CK8K1L60	0	L168K1	321	2/5	P/CK8K0L60	CK8K1L70	0	L178K1	433	2/6	P/CK8K0L70	CK8K1L80	0	L188K1	332	2/7	P/CK8K0L80	CK8K1X10	0	FAB18K1	123	2/9	P/CK8K0X10	CK8K1X20	0	FAB28K1	132	2/10	P/CK8K0X20	CK8K1X30	0	FAB38K1	422	2/11	P/CK8K0X30	CK8K1X40	0	FAB48K1	424	2/12	P/CK8K0X40	FOAX10ML	0	1020B	049	2/9, 2/10, 2/11, 2/12		FOAX10TB	0	1000B	050	2/9, 2/10		FOAX10ZA	0	1040B	149	2/11, 2/12		FOAX10ZB	0	1060B	148	2/9, 2/10		FOAX10ZC	0	1080B	249	2/11, 2/12		FOAX10ZD	0	1100B	248	2/9, 2/10		FOAX10ZE	0	1120B	348	2/11, 2/12		FOAX10ZF	0	1140B	347	2/9, 2/10		FOAX10ZG	0	1160B	054	2/11, 2/12		FOAX10ZH	0	1180B	053	2/9, 2/10		FOAX10ZI	0	1200B	153	2/11, 2/12		FOAX10ZJ	0	1220B	152	2/9, 2/10		FOAX10ZK	0	1240B	253	2/11, 2/12		FOAX10ZL	0	1260B	252	2/9, 2/10		FOAX10ZM	0	1280B	352	2/11, 2/12		FOAX10ZN	0	1300B	351	2/9, 2/10		FOAX10ZO	0	1320B	451	2/11, 2/12		FOAX10ZP	0	1340B	450	2/9, 2/10		FOAX10ZQ	0	1360B	550	2/11, 2/12		FOAX10ZR	0	1380B	549	2/9, 2/10		FOAX10ZS	0	1400B	649	2/11, 2/12		FOAX10ZT	0	1420B	648	2/9, 2/10		FOAX10ZU	0	1440B	748	2/11, 2/12		FOAX10ZV	0	1460B	747	2/9, 2/10		FOAX10ZW	0	1480B	847	2/11, 2/12		FOAX10ZX	0	1500B	846	2/9, 2/10		FOAX10ZY	0	1520B	946	2/11, 2/12		FOAX10ZZ	0	1540B	945	2/9, 2/10		FOAX10ZAA	0	1560B	045	2/11, 2/12		FOAX10ZAB	0	1580B	044	2/9, 2/10		FOAX10ZAC	0	1600B	144	2/11, 2/12		FOAX10ZAD	0	1620B	143	2/9, 2/10		FOAX10ZAE	0	1640B	243	2/11, 2/12		FOAX10ZAF	0	1660B	242	2/9, 2/10		FOAX10ZAG	0	1680B	342	2/11, 2/12		FOAX10ZAH	0	1700B	341	2/9, 2/10		FOAX10ZAI	0	1720B	441	2/11, 2/12		FOAX10ZAJ	0	1740B	440	2/9, 2/10		FOAX10ZAK	0	1760B	540	2/11, 2/12		FOAX10ZAL	0	1780B	539	2/9, 2/10		FOAX10ZAM	0	1800B	639	2/11, 2/12		FOAX10ZAN	0	1820B	638	2/9, 2/10		FOAX10ZAO	0	1840B	738	2/11, 2/12		FOAX10ZAP	0	1860B	737	2/9, 2/10		FOAX10ZAQ	0	1880B	837	2/11, 2/12		FOAX10ZAR	0	1900B	836	2/9, 2/10		FOAX10ZAS	0	1920B	936	2/11, 2/12		FOAX10ZAT	0	1940B	935	2/9, 2/10		FOAX10ZAU	0	1960B	035	2/11, 2/12		FOAX10ZAV	0	1980B	034	2/9, 2/10		FOAX10ZAW	0	2000B	134	2/11, 2/12		FOAX10ZAX	0	2020B	133	2/9, 2/10		FOAX10ZAY	0	2040B	233	2/11, 2/12		FOAX10ZAZ	0	2060B	232	2/9, 2/10		FOAX10ZBA	0	2080B	332	2/11, 2/12		FOAX10ZBB	0	2100B	331	2/9, 2/10		FOAX10ZBC	0	2120B	431	2/11, 2/12		FOAX10ZBD	0	2140B	430	2/9, 2/10		FOAX10ZBE	0	2160B	530	2/11, 2/12		FOAX10ZBF	0	2180B	529	2/9, 2/10		FOAX10ZBG	0	2200B	629	2/11, 2/12		FOAX10ZBH	0	2220B	628	2/9, 2/10		FOAX10ZBI	0	2240B	728	2/11, 2/12		FOAX10ZBJ	0	2260B	727	2/9, 2/10		FOAX10ZBK	0	2280B	827	2/11, 2/12		FOAX10ZBL	0	2300B	826	2/9, 2/10		FOAX10ZBM	0	2320B	926	2/11, 2/12		FOAX10ZBN	0	2340B	925	2/9, 2/10		FOAX10ZBO	0	2360B	025	2/11, 2/12		FOAX10ZBP	0	2380B	024	2/9, 2/10		FOAX10ZBQ	0	2400B	124	2/11, 2/12		FOAX10ZBR	0	2420B	123	2/9, 2/10		FOAX10ZBS	0	2440B	223	2/11, 2/12		FOAX10ZBT	0	2460B	222	2/9, 2/10		FOAX10ZBU	0	2480B	322	2/11, 2/12		FOAX10ZBV	0	2500B	321	2/9, 2/10		FOAX10ZBW	0	2520B	421	2/11, 2/12		FOAX10ZBX	0	2540B	420	2/9, 2/10		FOAX10ZBY	0	2560B	520	2/11, 2/12		FOAX10ZBZ	0	2580B	519	2/9, 2/10		FOAX10ZCA	0	2600B	619	2/11, 2/12		FOAX10ZCB	0	2620B	618	2/9, 2/10		FOAX10ZCC	0	2640B	718	2/11, 2/12		FOAX10ZCD	0	2660B	717	2/9, 2/10		FOAX10ZCE	0	2680B	817	2/11, 2/12		FOAX10ZCF	0	2700B	816	2/9, 2/10		FOAX10ZCG	0	2720B	916	2/11, 2/12		FOAX10ZCH	0	2740B	915	2/9, 2/10		FOAX10ZCI	0	2760B	015	2/11, 2/12		FOAX10ZCJ	0	2780B	014	2/9, 2/10		FOAX10ZCK	0	2800B	114	2/11, 2/12		FOAX10ZCL	0	2820B	113	2/9, 2/10		FOAX10ZCM	0	2840B	213	2/11, 2/12		FOAX10ZCN	0	2860B	212	2/9, 2/10		FOAX10ZCO	0	2880B	312	2/11, 2/12		FOAX10ZCP	0	2900B	311	2/9, 2/10		FOAX10ZCQ	0	2920B	411	2/11, 2/12		FOAX10ZCR	0	2940B	410	2/9, 2/10		FOAX10ZCS	0	2960B	510	2/11, 2/12		FOAX10ZCT	0	2980B	509	2/9, 2/10		FOAX10ZCU	0	3000B	609	2/11, 2/12		FOAX10ZCV	0	3020B	608	2/9, 2/10		FOAX10ZCW	0	3040B	708	2/11, 2/12		FOAX10ZCX	0	3060B	707	2/9, 2/10		FOAX10ZCY	0	3080B	807	2/11, 2/12		FOAX10ZCZ	0	3100B	806	2/9, 2/10		FOAX10ZDA	0	3120B	906	2/11, 2/12		FOAX10ZDB	0	3140B	905	2/9, 2/10		FOAX10ZDC	0	3160B	005	2/11, 2/12		FOAX10ZDD	0	3180B	004	2/9, 2/10		FOAX10ZDE	0	3200B	104	2/11, 2/12		FOAX10ZDF	0	3220B	103	2/9, 2/10		FOAX10ZDG	0	3240B	203	2/11, 2/12		FOAX10ZDH	0	3260B	202	2/9, 2/10		FOAX10ZDI	0	3280B	302	2/11, 2/12		FOAX10ZDJ	0	3300B	301	2/9, 2/10		FOAX10ZDK	0	3320B	401	2/11, 2/12		FOAX10ZDL	0	3340B	400	2/9, 2/10		FOAX10ZDM	0	3360B	500	2/11, 2/12		FOAX10ZDN	0	3380B	500	2/9, 2/10		FOAX10ZDO	0	3400B	600	2/11, 2/12		FOAX10ZDP	0	3420B	600	2/9, 2/10		FOAX10ZDQ	0	3440B	700	2/11, 2/12		FOAX10ZDR	0	3460B	700	2/9, 2/10		FOAX10ZDS	0	3480B	800	2/11, 2/12		FOAX10ZDT	0	3500B	800	2/9, 2/10		FOAX10ZDU	0	3520B	900	2/11, 2/12		FOAX10ZDV	0	3540B	900	2/9, 2/10		FOAX10ZDW	0	3560B	000	2/11, 2/12		FOAX10ZDX	0	3580B	000	2/9, 2/10		FOAX10ZDY	0	3600B	100	2/11, 2/12		FOAX10ZDZ	0	3620B	100	2/9, 2/10		FOAX10ZEA	0	3640B	200	2/11, 2/12		FOAX10ZEB	0	3660B	200	2/9, 2/10		FOAX10ZEC	0	3680B	300	2/11, 2/12		FOAX10ZED	0	3700B	300	2/9, 2/10		FOAX10ZEE	0	3720B	400	2/11, 2/12		FOAX10ZEF	0	3740B	400	2/9, 2/10		FOAX10ZEG	0	3760B	500	2/11, 2/12		FOAX10ZEH	0	3780B	500	2/9, 2/10		FOAX10ZEI	0	3800B	600	2/11, 2/12		FOAX10ZEJ	0	3820B	600	2/9, 2/10		FOAX10ZEK	0	3840B	700	2/11, 2/12		FOAX10ZEL	0	3860B	700	2/9, 2/10		FOAX10ZEM	0	3880B	800	2/11, 2/12		FOAX10ZEN	0	3900B	800	2/9, 2/10		FOAX10ZEO	0	3920B	900	2/11, 2/12		FOAX10ZEP	0	3940B	900	2/9, 2/10		FOAX10ZEQ	0	3960B	000	2/11, 2/12		FOAX10ZER	0	3980B	000	2/9, 2/10		FOAX10ZES	0	4000B	100	2/11, 2/12		FOAX10ZET	0	4020B	100	2/9, 2/10		FOAX10ZEU	0	4040B	200	2/11, 2/12		FOAX10ZEV	0	4060B	200	2/9, 2/10		FOAX10ZEW	0	4080B	300	2/11, 2/12		FOAX10ZEX	0	4100B	300	2/9, 2/10		FOAX10ZEY	0	4120B	400	2/11, 2/12		FOAX10ZEZ	0	4140B	400	2/9, 2/10		FOAX10ZFA	0	4160B	500	2/11, 2/12		FOAX10ZFB	0	4180B	500	2/9, 2/10		FOAX10ZFC	0	4200B	600	2/11, 2/12		FOAX10ZFD	0	4220B	600	2/9, 2/10		FOAX10ZFE	0	4240B	700	2/11, 2/12		FOAX10ZFF	0	4260B	700	2/9, 2/10		FOAX10ZFG	0	4280B	800	2/11, 2/12		FOAX10ZFH	0	4300B	800	2/9, 2/10		FOAX10ZFI	0	4320B	900	2/11, 2/12		FOAX10ZFJ	0	4340B	900	2/9, 2/10		FOAX10ZFK	0	4360B	000	2/11, 2/12		FOAX10ZFL	0	4380B	000	2/9, 2/10		FOAX10ZFM	0	4400B	100	2/11, 2/12		FOAX10ZFN	0	4420B	100	2/9, 2/10		FOAX10ZFO	0	4440B	200	2/11, 2/12		FOAX10ZFP	0	4460B	200	2/9, 2/10		FOAX10ZFQ	0	4480B	300	2/11, 2/12		FOAX10ZFR	0	4500B	300	2/9, 2/10		FOAX10ZFS	0	4520B	400	2/11, 2/12		FOAX10ZFT	0	4540B	400	2/9, 2/10		FOAX10ZFU	0	4560B	50
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	GRD	GRD	310				L42BF10B	I	DB1L4B	511		2/16	P/L42BF00B		OT	L118K0	020		1/1			-CURPRM	OT	-CURPRM	013		1/1	
	GRD	GRD	319				L50AF0A	I	D161	340		2/4			OT	L118K1	117		1/1			PHR	-5	022			1/1	
	GRD	GRD	324				L50AF0B	I	D181	313		2/4			OT	L118K1	120		1/1			PHR	-5	122			1/1	
	GRD	GRD	337				L50BF0A	I	D171	341		2/4			I	D021	213		1/1			CK160X10	I	CK16M0	321		2/8	P/CK161X10
	GRD	GRD	346				L50BF0B	I	D191	314		2/4			I	D031	214		1/1			CK161X10	I	CK16M1	221		2/8	P/CK160X10
	GRD	GRD	437				L52AF00A	I	DA0L5A	444		2/17	P/L52AF10A		I	D001	240		1/1			CK8K0X10	I	RSET8K0	319		2/8	P/CK8K1X10
K016M0F0	I	CK16M0	016		TO TIME MULTIPLY CONTROL UNIT	P/K016M1F0	L52AF00B	I	DA0L5B	407		2/17	P/L52AF10B		I	D011	241		1/1			CK8K1X10	I	RSET8K1	219		2/8	
K016M1F0	I	CK16M1	116		TO TIME MULTIPLY CONTROL UNIT	P/K016M0F0	L52AF10A	I	DA1L5A	445		2/17	P/L52AF00A		I	SEL1	246		1/1			FOAX101H	I	DA170	049		2/8	P/CK8K0X10
K08K0F0	I	CK8K0	015		TO TIME MULTIPLY CONTROL UNIT	P/K08K1F0	L52AF10B	I	DA1L5B	408		2/17	P/L52AF00B	TBOAINF0	I	TSTA01	037		TO TIME MULTIPLY CONTROL UNIT	P/TB1A1NF0		FOAX101B	I	DA160	050		2/8	
K08K1F0	I	CK8K1	115		TO TIME MULTIPLY CONTROL UNIT	P/K08K0F0	L52BF00A	I	DB0L5A	544		2/17	P/L52BF10A	TB0BINF0	I	TSTB01	036		TO TIME MULTIPLY CONTROL UNIT	P/TB1B1NF0		FOAX102A	I	DA180	149		2/8	
L12AF00A	I	DA0L1A	453		TO TIME MULTIPLY CONTROL UNIT	P/L12AF10A	L52BF00B	I	DB0L5B	507		2/17	P/L52BF10B	TB1A1NF0	I	TSTA11	137		TO TIME MULTIPLY CONTROL UNIT	P/TB0A1NF0		FOAX102B	I	DA190	148		2/8	
L12AF00B	I	DA0L1B	416		TO TIME MULTIPLY CONTROL UNIT	P/L12AF10B	L52BF10A	I	DB1L5A	545		2/17	P/L52BF00A	TB1B1NF0	I	TSTB11	136		TO TIME MULTIPLY CONTROL UNIT	P/TB0B1NF0		FOAX103A	I	DA200	249		2/8	
L12AF10A	I	DA1L1A	454		TO TIME MULTIPLY CONTROL UNIT	P/L12AF00A	L60AF0A	I	D201	338		2/5	P/L62AF00B		I	FOAX103B	I	DA210	248		2/8							
L12AF10B	I	DA1L1B	417		TO TIME MULTIPLY CONTROL UNIT	P/L12AF00B	L60AF0B	I	D221	315		2/5	P/L62AF10B		I	FOAX104A	I	DA220	348		2/8							
L12BF00A	I	DB0L1A	553		TO TIME MULTIPLY CONTROL UNIT	P/L12BF10A	L62AF00A	I	DA0L6A	442		2/18	P/L62AF10A		I	FOAX104B	I	DA230	347		2/8							
L12BF00B	I	DB0L1B	516		TO TIME MULTIPLY CONTROL UNIT	P/L12BF10B	L62AF00B	I	DA0L6B	405		2/18	P/L62AF10B		I	FOAX105A	I	DA240	054		2/8							
L12BF10A	I	DB1L1A	554		TO TIME MULTIPLY CONTROL UNIT	P/L12BF00A	L62AF10A	I	DA1L6A	443		2/18	P/L62AF00A		I	FOAX105B	I	DA250	053		2/8							
L12BF10B	I	DB1L1B	517		TO TIME MULTIPLY CONTROL UNIT	P/L12BF00B	L62AF10B	I	DA1L6B	406		2/18	P/L62AF00B		I	FOAX106A	I	DA260	153		2/8							
L20AF0A	I	D041	238		TO TIME MULTIPLY CONTROL UNIT	P/L20AF00A	L70BF0A	I	D241	342		2/6	P/L72BF00B	X0AMLTO	O	ML1A00	041		TO TIME MULTIPLY CONTROL UNIT	P/X1AMLTO		FOAX106B	I	DA270	152		2/8	
L20AF0B	I	D061	215		TO TIME MULTIPLY CONTROL UNIT	P/L20AF00B	L70BF0B	I	D261	311		2/6	P/L72BF00A	X0BMLTO	O	ML1B00	040		TO TIME MULTIPLY CONTROL UNIT	P/X1BMLTO		FOAX107A	I	DA280	253		2/8	
L20BF0A	I	D051	239		TO TIME MULTIPLY CONTROL UNIT	P/L22AF10A	L70BF0A	I	D251	343		2/6	P/L72BF10A	X0MLTSP0	O	ML1PAR00	042		TO TIME MULTIPLY CONTROL UNIT	P/X1MLTSP0		FOAX107B	I	DA290	252		2/8	
L20BF0B	I	D071	216		TO TIME MULTIPLY CONTROL UNIT	P/L22AF10B	L70BF0B	I	D271	312		2/6	P/L72BF00B		I	FOAX108A	I	DA300	352		2/8							
L22AF00A	I	DA0L2A	451		TO TIME MULTIPLY CONTROL UNIT	P/L22AF10A	L72AF00A	I	DA0L7A	440		2/19	P/L72AF10A		I	FOAX108B	I	DA310	351		2/8							
L22AF00B	I	DA0L2B	414		TO TIME MULTIPLY CONTROL UNIT	P/L22AF10B	L72AF00B	I	DA0L7B	403		2/19	P/L72AF10B		I	FOAX109L	I	DB170	051		2/8							
L22AF10A	I	DA1L2A	452		TO TIME MULTIPLY CONTROL UNIT	P/L22AF00A	L72AF10A	I	DA1L7A	441		2/19	P/L72AF00A		I	FOBK101B	I	DB160	052		2/8							
L22AF10B	I	DA1L2B	415		TO TIME MULTIPLY CONTROL UNIT	P/L22AF00B	L72AF10B	I	DA1L7B	404		2/19	P/L72AF00B		I	FOBK102A	I	DB180	151		2/8							
L22BF00A	I	DB0L2A	551		TO TIME MULTIPLY CONTROL UNIT	P/L22BF10A	L72BF00A	I	DB0L7A	540		2/19	P/L72BF10A		I	FOBK102B	I	DB190	150		2/8							
L22BF00B	I	DB0L2B	514		TO TIME MULTIPLY CONTROL UNIT	P/L22BF10B	L72BF00B	I	DB0L7B	503		2/19	P/L72BF00B		I	FOBK103A	I	DB200	251		2/8							
L22BF10A	I	DB1L2A	552		TO TIME MULTIPLY CONTROL UNIT	P/L22BF00A	L72BF10A	I	DB1L7A	541		2/19	P/L72BF00A		I	FOBK103B	I	DB210	250		2/8							
L22BF10B	I	DB1L2B	515		TO TIME MULTIPLY CONTROL UNIT	P/L22BF00B	L72BF10B	I	DB1L7B	504		2/19	P/L72BF00B		I	FOBK104A	I	DB220	350		2/8							
L30AF0A	I	D081	242		TO TIME MULTIPLY CONTROL UNIT	P/L32AF10A	L80AF0A	I	D281	344		2/7	P/L82AF10A		I	FOBK104B	I	DB230	349		2/8							
L30AF0B	I	D101	211		TO TIME MULTIPLY CONTROL UNIT	P/L32AF10B	L80AF0B	I	D301	317		2/7	P/L82AF10B		I	FOBK105A	I	DB240	056		2/8							
L30BF0A	I	D091	243		TO TIME MULTIPLY CONTROL UNIT	P/L32AF00A	L80BF0A	I	D291	345		2/7	P/L82AF10A		I	FOBK105B	I	DB250	055		2/8							
L30BF0B	I	D111	212		TO TIME MULTIPLY CONTROL UNIT	P/L32AF00B	L80BF0B	I	D311	318		2/7	P/L82AF10B		I	FOBK106A	I	DB260	155		2/8							
L32AF00A	I	DA0L3A	449		TO TIME MULTIPLY CONTROL UNIT	P/L32AF10A	L82AF00A	I	DA0L8A	438		2/20	P/L82AF10A		I	FOBK106B	I	DB270	154		2/8							
L32AF00B	I	DA0L3B	412		TO TIME MULTIPLY CONTROL UNIT	P/L32AF10B	L82AF00B	I	DA0L8B	401		2/20	P/L82AF10B		I	FOBK107A	I	DB280	255		2/8							
L32AF10A	I	DA1L3A	450		TO TIME MULTIPLY CONTROL UNIT	P/L32AF00A	L82AF10A	I	DA1L8A	439		2/20	P/L82AF00A		I	FOBK107B	I	DB290	254		2/8							
L32AF10B	I	DA1L3B	413		TO TIME MULTIPLY CONTROL UNIT	P/L32AF00B	L82AF10B	I	DA1L8B	402		2/20	P/L82AF00B		I	FOBK108A	I	DB300	354		2/8							
L32BF00A	I	DB0L3A	549		TO TIME MULTIPLY CONTROL UNIT	P/L32BF10A	L82BF00A	I	DB0L8A	538		2/20	P/L82BF10A		I	FOBK108B	I	DB310	353		2/8							
L32BF00B	I	DB0L3B	512		TO TIME MULTIPLY CONTROL UNIT	P/L32BF10B	L82BF00B	I	DB0L8B	501		2/20	P/L82BF10B		I	FZAX101A	I	DA000	009		2/8							
L32BF10A	I	DB1L3A	550		TO TIME MULTIPLY CONTROL UNIT	P/L32BF00A	L82BF10A	I	DB1L8A	539		2/20	P/L82BF00A		I	FZAX101B	I	DA010	008		2/8							
L32BF10B	I	DB1L3B	513		TO TIME MULTIPLY CONTROL UNIT	P/L32BF00B	L82BF10B	I	DB1L8B	502		2/20	P/L82BF00B		I	FZAX102A	I	DA020	109		2/8							
L40AF0A	I	D121	244		TO TIME MULTIPLY CONTROL UNIT	P/L42AF10A	MLOAINF0	I	ML1A01	039		TO TIME MULTIPLY CONTROL UNIT	P/ML1AINF0		I	FZAX102B	I	DA030	108		2/8							
L40AF0B	I	D141	217		TO TIME MULTIPLY CONTROL UNIT	P/L42AF10B	MLOBINF0	I	ML1B01	038		TO TIME MULTIPLY CONTROL UNIT	P/ML1BINF0		I	FZAX103A	I	DA040	209		2/8							
L40BF0A	I	D131	245		TO TIME MULTIPLY CONTROL UNIT	P/L42AF00A	ML1AINF0	I	ML1A11	139		TO TIME MULTIPLY CONTROL UNIT	P/ML0AINF0		I	FZAX103B	I	DA050	208		2/8							
L40BF0B	I	D151	218		TO TIME MULTIPLY CONTROL UNIT	P/L42AF00B	ML1BINF0	I	ML1B11	138		TO TIME MULTIPLY CONTROL UNIT	P/ML0BINF0		I	FZAX104A	I	DA060	309		2/8							
L42AF00A	I	DA0L4A	447		TO TIME MULTIPLY CONTROL UNIT	P/L42AF10A	NC	OT	L116M0	017		TO TIME MULTIPLY CONTROL UNIT	P/L42BF00A		I	FZAX104B	I	DA070	308		2/8							
L42AF00B	I	DA0L4B	410		TO TIME MULTIPLY CONTROL UNIT	P/L42AF10B									I	FZAX105A	I	DA080	005		2/8							
L42AF10A	I	DA1L4A	448		TO TIME MULTIPLY CONTROL UNIT	P/L42AF00A									I	FZAX105B	I	DA090	004		2/8							
L42AF10B	I	DA1L4B	411		TO TIME MULTIPLY CONTROL UNIT	P/L42AF00B									I	FZAX106A	I	DA100	105		2/8							
L42BF00A	I	DB0L4A	547		TO TIME MULTIPLY CONTROL UNIT	P/L42BF10A																						
L42BF00B	I	DB0L4B	510		TO TIME MULTIPLY CONTROL UNIT	P/L42BF10B																						
L42BF10A	I	DB1L4A	548		TO TIME MULTIPLY CONTROL UNIT	P/L42BF00A																						

SYMBOL NO. 9
SWITCH 1 SHELF 0

DESIG	EOPT	CODE	ELEM	OPT		
SWITCH10	13-088	TR242	A			
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	OT	+CURPRM	112		1/1	
	OT	+CURPRM	113		1/1	
	PHR	+5	000		1/1	
	PHR	+5	001		1/1	
	PHR	+5	100		1/1	
	PHR	+5	101		1/1	
	PHR	+5	355		1/1	
	PHR	+5	356		1/1	
	OT	-CURPRM	012		1/1	

PART OF FS 2
SYMBOL(S) 8 9

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TIME MULTIPLEXED SWITCH UNIT

DWG SIZE
CZ

ISSUE
68

AT&T
BELL LABORATORIES

SD-5D043-01

B2CG

MADE IN U.S.A.

PART OF FS 2
DATA

SYMBOL NO. 9 (CONT)
SWITCH 1 SHELF 0

SYMBOL NO. 9 (CONT)
SWITCH 1 SHELF 0

SYMBOL NO. 10
SWITCH 2 SHELF 0

SYMBOL NO. 10 (CONT)
SWITCH 2 SHELF 0

SYMBOL NO. 9 (CONT) SWITCH 1 SHELF 0							SYMBOL NO. 9 (CONT) SWITCH 1 SHELF 0							SYMBOL NO. 10 SWITCH 2 SHELF 0							SYMBOL NO. 10 (CONT) SWITCH 2 SHELF 0							
DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			
SWITCH10	13-088	TR242	A				SWITCH10	13-088	TR242	A				SWITCH20	13-080	TR242	A	3			SWITCH20	13-080	TR242	A	3			
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	NO	OPT			DESIG		MOD	NO	OPT			DESIG		MOD	NO	OPT			DESIG		MOD	NO	OPT			
FZAX1068	I	DA110	104		2/8		X10AENAO	I	CLEAR0	344		1/1		+CLRPRAO	OT	-CLRPRA	112			1/1	FZAX107A	I	DA120	205		2/8		
FZAX107A	I	DA120	205		2/8		X10AENA1	O	AENA00	IC		1/2		+CLRPRAO	OT	+CLRPRA	113			1/1	FZAX107B	I	DA130	204		2/8		
FZAX107B	I	DA130	204		2/8		X10AENA2	I	AENA20	IC		1/2		+CLRPRAO	OT	+5	000			1/1	FZAX107C	I	DA140	305		2/8		
FZAX107C	I	DA140	305		2/8		X10AENA3	I	AENA30	IC		1/2		PHR	+5	001				1/1	FZAX108B	I	DA150	304		2/8		
FZAX108B	I	DA150	304		2/8		X10AENA4	I	AENA40	IC		1/2		PHR	+5	100				1/1	FZBX101A	I	DB000	007		2/8		
FZBX101A	I	DB000	007		2/8		X10AENA5	I	AENA50	IC		1/2		PHR	+5	101				1/1	FZBX101B	I	DB010	006		2/8		
FZBX101B	I	DB010	006		2/8		X10AENA6	I	AENA60	IC		1/2		-CLRPRAO	OT	-CLRPRA	012			1/1	FZBX102A	I	DB020	107		2/8		
FZBX102A	I	DB020	107		2/8		X10AENA7	I	AENA70	IC		1/2		-CLRPRAO	OT	-CLRPRA	013			1/1	FZBX102B	I	DB030	106		2/8		
FZBX102B	I	DB030	106		2/8		X10AL20A	O	OT2A1	033		2/1		-CLRPRAO	OT	-CLRPRA	013			1/1	FZBX103A	I	DB040	207		2/8		
FZBX103A	I	DB040	207		2/8		X10AL20B	O	OT3A1	023		2/1		-SCA	PHR	-5	022			1/1	FZBX103B	I	DB050	206		2/8		
FZBX103B	I	DB050	206		2/8		X10ALB	O	OT1A1	024		2/1		PHR	-5	122			1/1	FZBX104A	I	DB060	307		2/8			
FZBX104A	I	DB060	307		2/8		X10AR8K0	O	ARSET8K0	IC		1/2		CK160X20	I	CK16M0	321			2/8	FZBX104B	I	DB070	306		2/8		
FZBX104B	I	DB070	306		2/8		X10ASEL0	I	ASEL01	IC		1/2		CK161X20	I	CK16M1	221			2/8	FZBX105A	I	DB080	003		2/8		
FZBX105A	I	DB080	003		2/8		X10ASEL1	I	ASEL11	IC		1/2		CK8K0X20	I	RSET8K0	319			2/8	FZBX105B	I	DB090	002		2/8		
FZBX105B	I	DB090	002		2/8		X10ASEL2	I	ASEL21	IC		1/2		FOAX102A	I	DA180	149			2/8	FZBX106A	I	DB100	103		2/8		
FZBX106A	I	DB100	103		2/8		X10BENA0	I	BENA00	IC		1/2		FOAX102B	I	DA190	148			2/8	FZBX106B	I	DB110	102		2/8		
FZBX106B	I	DB110	102		2/8		X10BENA1	I	BENA10	IC		1/2		FOAX102C	I	DA200	249			2/8	FZBX107A	I	DB120	203		2/8		
FZBX107A	I	DB120	203		2/8		X10BENA2	I	BENA20	IC		1/2		FOAX103A	I	DA210	248			2/8	FZBX107B	I	DB130	202		2/8		
FZBX107B	I	DB130	202		2/8		X10BENA3	I	BENA30	IC		1/2		FOAX103B	I	DA220	348			2/8	FZBX108A	I	DB140	303		2/8		
FZBX108A	I	DB140	303		2/8		X10BENA4	I	BENA40	IC		1/2		FOAX104A	I	DA230	347			2/8	FZBX108B	I	DB150	302		2/8		
FZBX108B	I	DB150	302		2/8		X10BENA5	I	BENA50	IC		1/2		FOAX104B	I	DA240	054			2/8	GRD13088	GRD		218		1/3		
GRD13088	GRD		218		1/3		X10BENA6	I	BENA60	IC		1/2		FOAX105A	I	DA250	053			2/8								
	GRD		010		2/9		X10BENA7	I	BENA70	IC		1/2		FOAX105B	I	DA260	153			2/8								
	GRD		011		2/9		X10BL20A	O	OT2B1	133		2/1		FOAX106B	I	DA270	152			2/8								
	GRD		034		2/9		X10BL20B	O	OT3B1	123		2/1		FOAX107A	I	DA280	253			2/8								
	GRD		047		2/9		X10BSEL0	I	BSEL01	IC		1/2		FOAX107B	I	DA290	252			2/8								
	GRD		048		2/9		X10BSEL1	I	BSEL11	IC		1/2		FOAX108A	I	DA300	352			2/8								
	GRD		110		2/9		X10BSEL2	I	BSEL21	IC		1/2		FOAX108B	I	DA310	351			2/8								
	GRD		111		1/2		X10CENA0	I	CENA00	IC		1/2		FOBX107B	I	DB170	051			2/8								
	GRD		119		2/9		X10CENA1	I	CENA10	IC		1/2		FOBX107C	I	DB180	052			2/8								
	GRD		134		2/9		X10CENA2	I	CENA20	IC		1/2		FOBX102A	I	DB180	151			2/8								
	GRD		140		2/9		X10CENA3	I	CENA30	IC		1/2		FOBX102B	I	DB190	150			2/8								
	GRD		146		2/9		X10CENA4	I	CENA40	IC		1/2		FOBX103A	I	DB200	251			2/8								
	GRD		147		2/9		X10CENA5	I	CENA50	IC		1/2		FOBX103B	I	DB210	250			2/8								
	GRD		200		2/9		X10CENA6	I	CENA60	IC		1/2		FOBX104A	I	DB220	350			2/8								
	GRD		201		2/9		X10CK1NC	O	CLK1N1C	IC		1/2		FOBX104B	I	DB230	349			2/8								
	GRD		210		2/9		X10CSEL0	I	CSEL01	IC		1/2		FOBX105A	I	DB240	056			2/8								
	GRD		211		2/9		X10CSEL1	I	CSEL11	IC		1/2		FOBX105B	I	DB250	055			2/8								
	GRD		218		2/9		X10DENAO	I	DENA00	IC		1/2		FOBX106A	I	DB260	155			2/8								
	GRD		220		2/9		X10DENAO1	I	DENA10	IC		1/2		FOBX106B	I	DB270	154			2/8								
	GRD		222		2/9		X10DENAO2	I	DENA20	IC		1/2		FOBX107A	I	DB280	255			2/8								
	GRD		223		2/9		X10DENAO3	I	DENA30	IC		1/2		FOBX107B	I	DB290	254			2/8								
	GRD		224		2/9		X10DENAO4	I	DENA40	IC		1/2		FOBX108A	I	DB300	354			2/8								
	GRD		232		2/9		X10DENAO5	I	DENA50	IC		1/2		FOBX108B	I	DB310	353			2/8								
	GRD		233		2/9		X10DENAO6	I	DENA60	IC		1/2		FZAX101A	I	DA000	009			2/8								
	GRD		246		2/9		X10DENAO7	I	DENA70	IC		1/2		FZAX101B	I	DA010	008			2/8								
	GRD		247		2/9		X10DSELO	I	DSEL01	IC		1/2		FZAX102A	I	DA020	109			2/8								
	GRD		256		2/9		X10DSEL1	I	DSEL11	IC		1/2		FZAX102B	I	DA030	108			2/8								
	GRD		300		2/9		X10DSEL2	I	DSEL21	IC		1/2		FZAX103A	I	DA040	209			2/8								
	GRD		301		2/9								FZAX103B	I	DA050	208			2/8									
	GRD		310		2/9								FZAX104A	I	DA060	309			2/8									
	GRD		318		2/9								FZAX104B	I	DA070	308			2/8									
	GRD		320		2/9								FZAX105A	I	DA080	005			2/8									
	GRD		322		2/9																							

PART OF FS 2
DATA

SYMBOL NO. 10 (CONT) SWITCH 2 SHELF 0							SYMBOL NO. 10 (CONT) SWITCH 2 SHELF 0							SYMBOL NO. 11 (CONT) SWITCH 3 SHELF 0							SYMBOL NO. 11 (CONT) SWITCH 3 SHELF 0						
DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	NOTE	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	NOTE	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	NOTE	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	NOTE
SWITCH20	13-080	TN242	A	3			SWITCH20	13-080	TN242	A	3			SWITCH30	13-108	TN242	A	6			SWITCH30	13-108	TN242	A	6		
					GRD GRD 318	2/10																					
					GRD GRD 320	2/10																					
					GRD GRD 322	2/10																					
					GRD GRD 345	2/10																					
					GRD GRD 346	2/10																					
					GRD GRD 344	1/1																					
					GRD GRD 344	1/1																					
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PART OF FS 2
DATA

SYMBOL NO. 11 (CONT)
SWITCH 3 SHELF 0

SYMBOL NO. 12 (CONT)
SWITCH 4 SHELF 0

SYMBOL NO. 12 (CONT)
SWITCH 4 SHELF 0

SYMBOL NO. 12 (CONT)
SWITCH 4 SHELF 0

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	
SWITCH30	13-108	TN242	A	6	
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
X30CENA3	I	CENA30	IC	1/4	
X30CENA4	I	CENA40	IC	1/4	
X30CENA5	I	CENA50	IC	1/4	
X30CENA6	I	CENA60	IC	1/4	
X30CENA7	I	CENA70	IC	1/4	
X30CK1NC	O	CLK1NC	IC	1/4	
X30CSEL0	I	CSEL01	IC	1/4	
X30CSEL1	I	CSEL11	IC	1/4	
X30CSEL2	I	CSEL21	IC	1/4	
X30DENA0	I	DENA00	IC	1/4	
X30DENA1	I	DENA10	IC	1/4	
X30DENA2	I	DENA20	IC	1/4	
X30DENA3	I	DENA30	IC	1/4	
X30DENA4	I	DENA40	IC	1/4	
X30DENA5	I	DENA50	IC	1/4	
X30DENA6	I	DENA60	IC	1/4	
X30DENA7	I	DENA70	IC	1/4	
X30DSELO	I	DSEL01	IC	1/4	
X30DSEL1	I	DSEL11	IC	1/4	
X30DSEL2	I	DSEL21	IC	1/4	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	
SWITCH40	13-116	TN242	A	16	
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
FOAX106B	I	DA270	152	2/8	
FOAX107A	I	DA280	253	2/8	
FOAX107B	I	DA290	252	2/8	
FOAX108A	I	DA300	352	2/8	
FOAX108B	I	DA310	351	2/8	
FOBK10ML	I	DB170	051	2/8	
FOBK10TB	I	DB160	052	2/8	
FOBK10ZA	I	DB180	151	2/8	
FOBK10ZB	I	DB190	150	2/8	
FOBK103A	I	DB200	251	2/8	
FOBK103B	I	DB210	250	2/8	
FOBK104A	I	DB220	350	2/8	
FOBK104B	I	DB230	349	2/8	
FOBK105A	I	DB240	056	2/8	
FOBK105B	I	DB250	055	2/8	
FOBK106A	I	DB260	155	2/8	
FOBK106B	I	DB270	154	2/8	
FOBK107A	I	DB280	255	2/8	
FOBK107B	I	DB290	254	2/8	
FOBK108A	I	DB300	354	2/8	
FOBK108B	I	DB310	353	2/8	
FZAX101A	I	DA000	009	2/8	
FZAX101B	I	DA010	008	2/8	
FZAX102A	I	DA020	109	2/8	
FZAX102B	I	DA030	108	2/8	
FZAX103A	I	DA040	209	2/8	
FZAX103B	I	DA050	208	2/8	
FZAX104A	I	DA060	309	2/8	
FZAX104B	I	DA070	308	2/8	
FZAX105A	I	DA080	005	2/8	
FZAX105B	I	DA090	004	2/8	
FZAX106A	I	DA100	105	2/8	
FZAX106B	I	DA110	104	2/8	
FZAX107A	I	DA120	205	2/8	
FZAX107B	I	DA130	204	2/8	
FZAX108A	I	DA140	305	2/8	
FZAX108B	I	DA150	304	2/8	
FZBX101A	I	DB000	007	2/8	
FZBX101B	I	DB010	006	2/8	
FZBX102A	I	DB020	107	2/8	
FZBX102B	I	DB030	106	2/8	
FZBX103A	I	DB040	207	2/8	
FZBX103B	I	DB050	206	2/8	
FZBX104A	I	DB060	307	2/8	
FZBX104B	I	DB070	306	2/8	
FZBX105A	I	DB080	003	2/8	
FZBX105B	I	DB090	002	2/8	
FZBX106A	I	DB100	103	2/8	
FZBX106B	I	DB110	102	2/8	
FZBX107A	I	DB120	203	2/8	
FZBX107B	I	DB130	202	2/8	
FZBX108A	I	DB140	303	2/8	
FZBX108B	I	DB150	302	2/8	
GRD13116	GRD	GRD	345	1/5	
	I	TAC	311	2/12	
	GRD	GRD	010	2/12	
	GRD	GRD	011	2/12	
	GRD	GRD	034	2/12	
	GRD	GRD	047	2/12	
	GRD	GRD	048	2/12	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	
SWITCH40	13-116	TN242	A	16	
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	110	2/12	
	GRD	GRD	111	2/12	
	GRD	GRD	119	2/12	
	GRD	GRD	134	2/12	
	GRD	GRD	140	2/12	
	GRD	GRD	146	2/12	
	GRD	GRD	167	2/12	
	GRD	GRD	200	2/12	
	GRD	GRD	201	2/12	
	GRD	GRD	210	2/12	
	GRD	GRD	211	2/12	
	GRD	GRD	218	2/12	
	GRD	GRD	220	2/12	
	GRD	GRD	222	2/12	
	GRD	GRD	223	2/12	
	GRD	GRD	224	2/12	
	GRD	GRD	232	2/12	
	GRD	GRD	233	2/12	
	GRD	GRD	246	2/12	
	GRD	GRD	247	2/12	
	GRD	GRD	256	2/12	
	GRD	GRD	300	2/12	
	GRD	GRD	301	2/12	
	GRD	GRD	310	2/12	
	GRD	GRD	318	2/12	
	GRD	GRD	320	2/12	
	GRD	GRD	322	2/12	
	GRD	GRD	346	2/12	
NC	I	CLEAR0	344	1/1	
X40AENA0	O	AENA00	IC	1/5	
X40AENA1	I	AENA10	IC	1/5	
X40AENA2	I	AENA20	IC	1/5	
X40AENA3	I	AENA30	IC	1/5	
X40AENA4	I	AENA40	IC	1/5	
X40AENA5	I	AENA50	IC	1/5	
X40AENA6	I	AENA60	IC	1/5	
X40AENA7	I	AENA70	IC	1/5	
X40AL70A	O	OT0A1	032	2/6	
X40AL70B	O	OT1A1	024	2/6	
X40AL80A	O	OT2A1	033	2/7	
X40AL80B	O	OT3A1	023	2/7	
X40AR8KO	O	ARSET8KO	IC	1/5	
X40ASELO	I	ASELO1	IC	1/5	
X40ASEL1	I	ASEL11	IC	1/5	
X40ASEL2	I	ASEL21	IC	1/5	
X40BENA0	I	BENA00	IC	1/5	
X40BENA1	I	BENA10	IC	1/5	
X40BENA2	I	BENA20	IC	1/5	
X40BENA3	I	BENA30	IC	1/5	
X40BENA4	I	BENA40	IC	1/5	
X40BENA5	I	BENA50	IC	1/5	
X40BENA6	I	BENA60	IC	1/5	
X40BENA7	I	BENA70	IC	1/5	
X40BL70A	O	OT0B1	132	2/6	
X40BL70B	O	OT1B1	124	2/6	
X40BL80A	O	OT2B1	133	2/7	
X40BL80B	O	OT3B1	123	2/7	
X40BSELO	I	BSELO1	IC	1/5	
X40BSEL1	I	BSEL11	IC	1/5	
X40BSEL2	I	BSEL21	IC	1/5	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	
SWITCH40	13-116	TN242	A	16	
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
X40CENA0	I	CENA00	IC	1/5	
X40CENA1	I	CENA10	IC	1/5	
X40CENA2	I	CENA20	IC	1/5	
X40CENA3	I	CENA30	IC	1/5	
X40CENA4	I	CENA40	IC	1/5	
X40CENA5	I	CENA50	IC	1/5	
X40CENA6	I	CENA60	IC	1/5	
X40CENA7	I	CENA70	IC	1/5	
X40CK1NC	O	CLK1NC	IC	1/5	
X40CSEL0	I	CSEL01	IC	1/5	
X40CSEL1	I	CSEL11	IC	1/5	
X40CSEL2	I	CSEL21	IC	1/5	
X40DENA0	I	DENA00	IC	1/5	
X40DENA1	I	DENA10	IC	1/5	
X40DENA2	I	DENA20	IC	1/5	
X40DENA3	I	DENA30	IC	1/5	
X40DENA4	I	DENA40	IC	1/5	
X40DENA5	I	DENA50	IC	1/5	
X40DENA6	I	DENA60	IC	1/5	
X40DENA7	I	DENA70	IC	1/5	
X40DSELO	I	DSEL01	IC	1/5	
X40DSEL1	I	DSEL11	IC	1/5	
X40DSEL2	I	DSEL21	IC	1/5	

SYMBOL NO. 12
SWITCH 4 SHELF 0

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	
SWITCH40	13-116	TN242	A	16	
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
+CURPRB0	OT	+CURPR	112	2/4	
+CURPRM	OT	+CURPRM	113	1/1	
+580	PWR	+5	000	2/4	
	PWR	+5	001	2/4	
	PWR	+5	100	2/4	
	PWR	+5	101	2/4	
	PWR	+5	355	2/4	
	PWR	+5	356	2/4	
-CURPRB0	OT	-CURPR	012	2/4	
	OT	-CURPRM	013	1/1	
-CURPRM	PWR	-5	022	1/1	
-5CA	PWR	-5	122	1/1	
CK160X40	I	CK16M0	321	2/8	
CK161X40	I	CK16M1	221	2/8	P/CK161X40
CK3K0X40	I	RSET8KO	319	2/8	P/CK3K0X40
CK8K1X40	I	RSET8K1	219	2/8	P/CK8K0X40
FOAX10ML	I	DA170	049	2/8	
FOAX107B	I	DA160	050	2/8	
FOAX102A	I	DA180	149	2/8	
FOAX102B	I	DA190	148	2/8	
FOAX103A	I	DA200	249	2/8	
FOAX103B	I	DA210	248	2/8	
FOAX104A	I	DA220	348	2/8	
FOAX104B	I	DA230	347	2/8	
FOAX105A	I	DA240	054	2/8	
FOAX105B	I	DA250	053	2/8	
FOAX106A	I	DA260	153	2/8	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	
SWITCH40	13-116	TN242	A	16	
FZAX104A	I	DA060	309	2/8	
FZAX104B	I	DA070	308	2/8	
FZAX105A	I	DA080	005	2/8	
FZAX105B	I	DA090	004	2/8	
FZAX106A	I	DA100	105	2/8	
FZAX106B	I	DA110	104	2/8	

PART OF FS 2
DATA

SYMBOL NO. 13
LINK 1 SHELF 2 I/O

SYMBOL NO. 13 (CONT)
LINK 1 SHELF 2 I/O

SYMBOL NO. 13 (CONT)
LINK 1 SHELF 2 I/O

SYMBOL NO. 14 (CONT)
LINK 2 SHELF 2 I/O

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
L1210	04-072	TN243	A	10

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
L1210	04-072	TN243	A	10

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
L1210	04-072	TN243	A	10

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
L2210	04-062	TN243	A	11

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+CURPRAZ	OT	+CURPR	112		1/13	
+CURPRM	OT	+CURPRM	113		1/1	
+SAZ	PMR	+5	000		1/13	
	PMR	+5	001		1/13	
	PMR	+5	100		1/13	
	PMR	+5	101		1/13	
	PMR	+5	355		1/13	
	PMR	+5	356		1/13	
+5CON12A	O	CONDSA	154		2/55	
+5CON12B	PMR	CONDSB	109		2/57	
+5P12A	PMR	+5	051		2/55	
+5P12B	PMR	+5	006		2/57	
+5XP12A	PMR	+5	134		2/54	
+5XP12B	PMR	+5	115		2/56	
-CURPRAZ	OT	-CURPR	012		1/13	
-CURPRM	OT	-CURPRM	013		1/1	
-48L1AZ	PMR	-48	156		2/14, 2/15	
-48P12A	PMR	-48	049		2/55	
-48P12B	PMR	-48	004		2/57	
-5CB	PMR	-5	022		1/13	
	PMR	-5	122		1/13	
CK160L12	I	TN160	339		2/21	P/CK161L12
CK161L12	I	TN161	239		2/21	P/CK160L12
CK8KOL12	I	TN8K0	337		2/21	P/CK8K1L12
CK8K1L12	I	TN8K1	237		2/21	P/CK8KOL12
GRD04072	I	RCVRETA	152		2/21	
	I	TEST3	251		2/13	
GRD	GRD		005		2/13	
GRD	GRD		007		2/13	
GRD	GRD		021		2/13	
GRD	GRD		034		2/13	
GRD	GRD		040		2/13	
GRD	GRD		050		2/13	
GRD	GRD		052		2/13	
GRD	GRD		103		2/13	
GRD	GRD		104		2/13	
GRD	GRD		106		2/13	
GRD	GRD		107		2/13	
GRD	GRD		120		2/13	
GRD	GRD		139		2/13	
GRD	GRD		147		2/13	
GRD	GRD		148		2/13	
GRD	GRD		200		2/13	
GRD	GRD		201		2/13	
GRD	GRD		214		2/13	
GRD	GRD		216		2/13	
GRD	GRD		218		2/13	
GRD	GRD		223		2/13	
GRD	GRD		232		2/13	
GRD	GRD		234		2/13	
GRD	GRD		256		2/13	
GRD	GRD		258		2/13	
GRD	GRD		240		2/13	
GRD	GRD		243		2/13	
GRD	GRD		245		2/13	
GRD	GRD		300		2/13	
GRD	GRD		301		2/13	
GRD	GRD		304		2/13	
GRD	GRD		306		2/13	
GRD	GRD		313		2/13	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRD	GRD		315		2/13	
GRD	GRD		317		2/13	
GRD	GRD		319		2/13	
GRD	GRD		324		2/13	
GRD	GRD		333		2/13	
GRD	GRD		336		2/13	
GRD	GRD		338		2/13	
GRD	GRD		340		2/13	
GRD	GRD		342		2/13	
GRD	GRD		344		2/13	
GRD	GRD		346		2/13	
GRD	GRD		348		2/13	
GRD	GRD		349		2/13	
GRD	GRD		015		2/54, 2/55, 2/56, 2/57	
L12ABDF1	O	ABDF1	IC		1/18	
L12ABDG1	O	ABADG1	IC		1/18	
L12ADPR1	O	ADPERR1	IC		1/18	
L12AF00A	O	AFODATA	347		2/8	P/L12AF10A
L12AF00B	O	BFODATA	318		2/8	P/L12AF10B
L12AF10A	O	AF1DATA	345		2/8	P/L12AF00A
L12AF10B	O	BF1DATA	316		2/8	P/L12AF00B
L12AF2A	O	AFODATA	343		2/21	
L12AF2B	O	BFODATA	314		2/21	
L12ALPR0	O	BLPERR0	IC		1/18	
L12A00F1	O	ADDF1	IC		1/18	
L12ASMP1	O	AFABPAR1	IC		1/18	
L12BDF1	O	BADF1	IC		1/18	
L12BBDG1	O	BBADG1	IC		1/18	
L12BDPR1	O	ADPERR1	IC		1/18	
L12BF00A	O	AFODATB	246		2/8	P/L12BF10A
L12BF00B	O	BFODATB	219		2/8	P/L12BF10B
L12BF10A	O	AF1DATB	244		2/8	P/L12BF00A
L12BF10B	O	BF1DATB	217		2/8	P/L12BF00B
L12BF2A	O	AFODATB	242		2/21	
L12BF2B	O	BFODATB	215		2/21	
L12BLPR0	O	BLPERR0	IC		1/18	
L12BDF1	O	BDF1	IC		1/18	
L12BSMP1	O	BFABPAR1	IC		1/18	
L12BT161	O	BTHS160	IC		1/18	
L12CONRG	O	CONREG	IC		1/18	
L12DT161	O	DTHS161	IC		1/18	
L12ET161	O	ETHS161	IC		1/18	
L12HR0	I	HR0	IC		1/18	
L12HR1	I	HR1	IC		1/18	
L12HR2	I	HR2	IC		1/18	
L12HR3	I	HR3	IC		1/18	
L12HR4	I	HR4	IC		1/18	
L12HR5	I	HR5	IC		1/18	
L12HR6	I	HR6	IC		1/18	
L12HR7	I	HR7	IC		1/18	
L12RA0	O	RA0	IC		1/18	
L12RA1	O	RA1	IC		1/18	
L12RA2	O	RA2	IC		1/18	
L12RA3	O	RA3	IC		1/18	
L12RA4	O	RA4	IC		1/18	
L12RA5	O	RA5	IC		1/18	
L12RA6	O	RA6	IC		1/18	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
L12RA7	O	RA7	IC		1/18	
L12SLOP0	O	SLOP0	IC		1/18	
IC	OT	BAOCLK	IC		1/1	
	OT	SLOP1	IC		1/1	
	I	CLEAR0	IC		1/1	106
	I	TEST10	146		1/1	
	I	TEST6	241		1/1	
	I	TEST5	248		1/1	
	I	TEST9	250		1/1	
	I	CLOCK	252		1/1	
	I	TEST2	253		1/1	
	I	TEST1	254		1/1	
	I	TEST8	255		1/1	106
	I	HI	322		1/1	
	I	TSTSEL	334		1/1	
	I	DATA	350		1/1	
X12AL12A	I	AFADA	332		2/22	
X12AL12B	I	BFADA	323		2/22	
X12BL12A	I	AFADB	233		2/22	
X12BL12B	I	BFADB	224		2/22	
X12CL12P	I	ADPAR1	249		1/14	
12RCVA	I	RCVA	153		2/55	
12RCVB	I	RCVB	108		2/57	
12XMITA	O	XMITA	140		2/54	
12XMITB	O	XMITB	121		2/56	

SYMBOL NO. 14
LINK 2 SHELF 2 I/O

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
L2210	04-062	TN243	A	11

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+CURPRAZ	OT	+CURPR	112		1/13	
+CURPRM	OT	+CURPRM	113		1/1	
+SAZ	PMR	+5	000		1/13	
	PMR	+5	001		1/13	
	PMR	+5	100		1/13	
	PMR	+5	101		1/13	
	PMR	+5	355		1/13	
	PMR	+5	356		1/13	
+5CON22A	O	CONDSA	154		2/59	
+5CON22B	PMR	CONDSB	109		2/61	
+5P22A	PMR	+5	051		2/59	
+5P22B	PMR	+5	006		2/61	
+5XP22A	PMR	+5	134		2/58	
+5XP22B	PMR	+5	115		2/60	
-CURPRAZ	OT	-CURPR	012		1/13	
-CURPRM	OT	-CURPRM	013		1/1	
-48L1AZ	PMR	-48	156		2/13	
-48P22A	PMR	-48	049		2/59	
-48P22B	PMR	-48	004		2/61	
-5CB	PMR	-5	022		1/13	
	PMR	-5	122		1/13	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
CK160L22	I	TN160	339		2/21	P/CK161L22
CK161L22	I	TN161	239		2/21	P/CK160L22
CK8KOL22	I	TN8K0	337		2/21	P/CK8K1L22
CK8K1L22	I	TN8K1	237		2/21	P/CK8KOL22
GRD04062	I	RCVRETA	152		2/14	
	I	TEST3	251		2/14	
GRD	GRD		007		2/14	
GRD	GRD		015		2/14	
GRD	GRD		021		2/14	
GRD	GRD		034		2/14	
GRD	GRD		040		2/14	
GRD	GRD		050		2/14	
GRD	GRD		052		2/14	
GRD	GRD		103		2/14	
GRD	GRD		104		2/14	
GRD	GRD		106		2/14	
GRD	GRD		107		2/14	
GRD	GRD		120		2/14	
GRD	GRD		139		2/14	
GRD	GRD		147		2/14	
GRD	GRD		148		2/14	
GRD	GRD		200		2/14	
GRD	GRD		201		2/14	
GRD	GRD		214		2/14	
GRD	GRD		216		2/14	
GRD	GRD		218		2/14	
GRD	GRD		223		2/14	
GRD	GRD		232		2/14	
GRD	GRD		234		2/14	
GRD	GRD		236		2/14	
GRD	GRD		238		2/14	
GRD	GRD		240		2/14	
GRD	GRD		243		2/14	
GRD	GRD		245		2/14	
GRD	GRD		300		2/14	
GRD	GRD		301		2/14	
GRD	GRD		304		2/14	
GRD	GRD		306		2/14	
GRD	GRD		313		2/14	
GRD	GRD		315		2/14	
GRD	GRD		317		2/14	
GRD	GRD		319		2/14	
GRD	GRD		324		2/14	
GRD	GRD		333		2/14	
GRD	GRD		336		2/14	
GRD	GRD		338		2/14	
GRD	GRD		340		2/14	
GRD	GRD		342		2/14	
GRD	GRD		344		2/14	
GRD	GRD		346		2/14	

PART OF FS 2
DATA

SYMBOL NO. 15 (CONT)
LINK 3 SHELF 2 I/O

SYMBOL NO. 16 (CONT)
LINK 4 SHELF 2 I/O

SYMBOL NO. 16 (CONT)
LINK 4 SHELF 2 I/O

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
L3210	04-052	TN243	A	12

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
L4210	04-042	TN243	A	13

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
L4210	04-042	TN243	A	13

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
32XN1TA	0	XN1TA	140	2/62	
32XN1TB	0	XN1TB	121	2/64	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
GRD	GRD	200		2/16	
GRD	GRD	201		2/16	
GRD	GRD	214		2/16	
GRD	GRD	216		2/16	
GRD	GRD	218		2/16	
GRD	GRD	223		2/16	
GRD	GRD	232		2/16	
GRD	GRD	234		2/16	
GRD	GRD	236		2/16	
GRD	GRD	238		2/16	
GRD	GRD	240		2/16	
GRD	GRD	243		2/16	
GRD	GRD	245		2/16	
GRD	GRD	300		2/16	
GRD	GRD	301		2/16	
GRD	GRD	304		2/16	
GRD	GRD	306		2/16	
GRD	GRD	313		2/16	
GRD	GRD	315		2/16	
GRD	GRD	317		2/16	
GRD	GRD	319		2/16	
GRD	GRD	324		2/16	
GRD	GRD	333		2/16	
GRD	GRD	336		2/16	
GRD	GRD	338		2/16	
GRD	GRD	340		2/16	
GRD	GRD	342		2/16	
GRD	GRD	344		2/16	
GRD	GRD	346		2/16	
GRD	GRD	348		2/16	
GRD	GRD	349		2/16	
GRD	GRD	050		2/66, 2/67 2/68, 2/69	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
L42CONRG	0	CONREG	1C	1/21	
L42DT161	0	DTMS161	1C	1/21	
L42ET161	0	ETMS161	1C	1/21	
L42MR0	1	MR0	1C	1/21	
L42MR1	1	MR1	1C	1/21	
L42MR2	1	MR2	1C	1/21	
L42MR3	1	MR3	1C	1/21	
L42MR4	1	MR4	1C	1/21	
L42MR5	1	MR5	1C	1/21	
L42MR6	1	MR6	1C	1/21	
L42MR7	1	MR7	1C	1/21	
L42RA0	0	RA0	1C	1/21	
L42RA1	0	RA1	1C	1/21	
L42RA2	0	RA2	1C	1/21	
L42RA3	0	RA3	1C	1/21	
L42RA4	0	RA4	1C	1/21	
L42RA5	0	RA5	1C	1/21	
L42RA6	0	RA6	1C	1/21	
L42RA7	0	RA7	1C	1/21	
L42SLOPO	0	SLOPO	1C	1/21	
NC	0T	BADCLK	1C	1/1	
		SLOP1	1C	1/1	106
		CLEAR0	NC	1/1	
		TEST10	146	1/1	
		TEST6	241	1/1	
		TEST5	248	1/1	
		TEST9	250	1/1	
		CLOCK	252	1/1	
		TEST2	253	1/1	
		TEST1	254	1/1	
		TEST8	255	1/1	
		HI	322	1/1	106
		TSTSEL	334	1/1	
		DATA	350	1/1	
X22AL42A		AFADA	332	2/23	
X22AL42B		BFADA	323	2/23	
X22BL42A		AFADB	233	2/23	
X22BL42B		BFADB	224	2/23	
X22CL42P		ADPAR1	249	1/15	
42RCVA		RCVA	153	2/67	
42RCVB		RCVB	108	2/69	
42XN1TA	0	XN1TA	140	2/66	
42XN1TB	0	XN1TB	121	2/68	

SYMBOL NO. 16
LINK 4 SHELF 2 I/O

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
L4210	04-042	TN243	A	13

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
+CURPRAZ	0T	+CURPR	112	1/13	
+CURPRM	0T	+CURPRM	113	1/1	
+5AZ	PWR	+5	000	1/13	
	PWR	+5	001	1/13	
	PWR	+5	100	1/13	
	PWR	+5	101	1/13	
	PWR	+5	355	1/13	
	PWR	+5	356	1/13	
+5CON42A	0	COND5A	154	2/67	
+5CON42B	PWR	COND5B	109	2/69	
+5P42A	PWR	+5	051	2/67	
+5P42B	PWR	+5	006	2/69	
+5XP42A	PWR	+5	134	2/66	
+5XP42B	PWR	+5	115	2/68	
-CURPRAZ	0T	-CURPR	012	1/13	
-CURPRM	0T	-CURPRM	013	1/1	
-48L1A2	PWR	-48	156	2/13	
-48P42A	PWR	-48	049	2/67	
-48P42B	PWR	-48	004	2/69	
-5CB	PWR	-5	022	1/13	
	PWR	-5	122	1/13	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
L42ABDF1	0	ABDF1	1C	1/21	
L42ABDG1	0	ABADG1	1C	1/21	
L42ADPR1	0	ADPERR1	1C	1/21	
L42AF00A	0	AFODATA	347	2/8	P/L42AF10A
L42AF00B	0	BFODATA	318	2/8	P/L42AF10B
L42AF10A	0	AF1DATA	345	2/8	P/L42AF00A
L42AF10B	0	BF1DATA	316	2/8	P/L42AF00B
L42AF2A	0	AFODATA	343	2/21	
L42AF2B	0	BFODATA	314	2/21	
L42ALPRO	0	ALPERR0	1C	1/21	
L42A00F1	0	A00F1	1C	1/21	
L42ASMP1	0	AFABPAR1	1C	1/21	
L42B8DF1	0	BBADF1	1C	1/21	
L42B8DG1	0	BBADG1	1C	1/21	
L42B8PR1	0	ADPERR1	1C	1/21	
L42BF00A	0	AFODATB	246	2/8	P/L42BF10A
L42BF00B	0	BFODATB	219	2/8	P/L42BF10B
L42BF10A	0	AF1DATB	244	2/8	P/L42BF00A
L42BF10B	0	BF1DATB	217	2/8	P/L42BF00B
L42BF2A	0	AFODATB	242	2/21	
L42BF2B	0	BFODATB	215	2/21	
L42BLPRO	0	BLPERR0	1C	1/21	
L42B00F1	0	B00F1	1C	1/21	
L42BSMP1	0	BFABPAR1	1C	1/21	
L42BT161	0	BTMS160	1C	1/21	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
L42CONRG	0	CONREG	1C	1/21	
L42DT161	0	DTMS161	1C	1/21	
L42ET161	0	ETMS161	1C	1/21	
L42MR0	1	MR0	1C	1/21	
L42MR1	1	MR1	1C	1/21	
L42MR2	1	MR2	1C	1/21	
L42MR3	1	MR3	1C	1/21	
L42MR4	1	MR4	1C	1/21	
L42MR5	1	MR5	1C	1/21	
L42MR6	1	MR6	1C	1/21	
L42MR7	1	MR7	1C	1/21	
L42RA0	0	RA0	1C	1/21	
L42RA1	0	RA1	1C	1/21	
L42RA2	0	RA2	1C	1/21	
L42RA3	0	RA3	1C	1/21	
L42RA4	0	RA4	1C	1/21	
L42RA5	0	RA5	1C	1/21	
L42RA6	0	RA6	1C	1/21	
L42RA7	0	RA7	1C	1/21	
L42SLOPO	0	SLOPO	1C	1/21	
NC	0T	BADCLK	1C	1/1	
		SLOP1	1C	1/1	106
		CLEAR0	NC	1/1	
		TEST10	146	1/1	
		TEST6	241	1/1	
		TEST5	248	1/1	
		TEST9	250	1/1	
		CLOCK	252	1/1	
		TEST2	253	1/1	
		TEST1	254	1/1	
		TEST8	255	1/1	
		HI	322	1/1	106
		TSTSEL	334	1/1	
		DATA	350	1/1	
X22AL42A		AFADA	332	2/23	
X22AL42B		BFADA	323	2/23	
X22BL42A		AFADB	233	2/23	
X22BL42B		BFADB	224	2/23	
X22CL42P		ADPAR1	249	1/15	
42RCVA		RCVA	153	2/67	
42RCVB		RCVB	108	2/69	
42XN1TA	0	XN1TA	140	2/66	
42XN1TB	0	XN1TB	121	2/68	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
CK160L42	I	TMS160	339	2/21	P/CK161L42
CK161L42	I	TMS161	239	2/21	P/CK160L42
CK8K0L42	I	TMS8K0	337	2/21	P/CK8K1L42
CK8K1L42	I	TMS8K1	237	2/21	P/CK8K0L42
GRD04042	I	RCVRETA	152	2/16	
	I	TEST3	251	2/16	
GRD	GRD	005		2/16	
GRD	GRD	007		2/16	
GRD	GRD	015		2/16	
GRD	GRD	021		2/16	
GRD	GRD	036		2/16	
GRD	GRD	040		2/16	
GRD	GRD	052		2/16	
GRD	GRD	103		2/16	
GRD	GRD	104		2/16	
GRD	GRD	106		2/16	
GRD	GRD	107		2/16	
GRD	GRD	120		2/16	
GRD	GRD	139		2/16	
GRD	GRD	147		2/16	
GRD	GRD	148		2/16	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
L42ABDF1	0	ABDF1	1C	1/21	
L42ABDG1	0	ABADG1	1C	1/21	
L42ADPR1	0	ADPERR1	1C	1/21	
L42AF00A	0	AFODATA	347	2/8	P/L42AF10A
L42AF00B	0	BFODATA	318	2/8	P/L42AF10B
L42AF10A	0	AF1DATA	345	2/8	P/L42AF00A</

PART OF FS 2
DATA

SYMBOL NO. 17 LINK 5 SHELF 2 I/O							SYMBOL NO. 17 (CONT) LINK 5 SHELF 2 I/O							SYMBOL NO. 17 (CONT) LINK 5 SHELF 2 I/O							SYMBOL NO. 18 (CONT) LINK 6 SHELF 2 I/O						
DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT		
L5210	04-126	TN243	A	14			L5210	04-126	TN243	A	14			L5210	04-126	TN243	A	14			L6210	04-136	TN243	A	15		
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	
+CURPRB2	OT	-CURPR	112	2/18, 2/19 2/20, 2/24 2/25 3/4			GRD GRD 245 2/17							L52RA1	0	RA1	1C	1/22			-CURPRM	OT	-CURPRM	013	1/1		
+CURPRM	I	+CURPRM	113	1/1			GRD GRD 300 2/17							L52RA2	0	RA2	1C	1/22			-48LIBZ	PMR	-48	156	2/17		
+5BZ	PMR	+5	001	2/17			GRD GRD 301 2/17							L52RA3	0	RA3	1C	1/22			-48P6ZA	PMR	-48	049	2/75		
	PMR	+5	100	2/17			GRD GRD 304 2/17							L52RA4	0	RA4	1C	1/22			-48P6ZB	PMR	-48	004	2/77		
	PMR	+5	101	2/17			GRD GRD 306 2/17							L52RA5	0	RA5	1C	1/22			-5CB	PMR	-5	022	1/13		
	PMR	+5	355	2/17			GRD GRD 313 2/17							L52RA6	0	RA6	1C	1/22				PMR	-5	122	2/18		
	PMR	+5	356	2/17			GRD GRD 315 2/17							L52RA7	0	RA7	1C	1/22			CK160L62	I	TMS160	339	2/21		P/CK161L62
	PMR	+5	000	2/18, 2/19 2/20, 2/24 2/25, 3/4			GRD GRD 317 2/17							L52SLOP0	0	SLOP0	1C	1/22			CK161L62	I	TMS161	239	2/21		P/CK160L62
+5CON52A	0	COND5A	154	2/17			GRD GRD 319 2/17							NC	OT	SLOP1	1C	1/1			CK8K1L62	I	TMS8K1	237	2/21		P/CK8K1L62
+5CON52B	PMR	COND5B	109	2/73			GRD GRD 324 2/17								I	BADCLK	1C	1/1			GRD04136	I	RCVRETA	152	2/18		
+5P52A	PMR	+5	051	2/71			GRD GRD 333 2/17								I	CLEAR0	NC	1/1	106			I	TEST3	251	2/18		
+5P52B	PMR	+5	006	2/73			GRD GRD 336 2/17								I	TEST10	146	1/1				I	TEST5	248	1/1		
+5XP52A	PMR	+5	134	2/70			GRD GRD 344 2/17								I	TEST6	241	1/1				I	TEST9	250	1/1		
+5XP52B	PMR	+5	115	2/72			GRD GRD 346 2/17								I	TEST7	252	1/1				I	TEST8	255	1/1		
-CURPRB2	OT	-CURPR	012	2/18, 2/19 2/20, 2/24 2/25 3/4			GRD GRD 348 2/17								I	TEST2	253	1/1				I	TEST1	254	1/1		
	I			2/18, 2/19			GRD GRD 349 2/17								I	TEST4	256	1/1				I	TEST11	257	1/1		
-CURPRM	OT	-CURPRM	013	1/1			GRD GRD 148 2/70, 2/71 2/72, 2/73								I	TEST8	255	1/1				I	TEST12	258	1/1		
-48LIBZ	PMR	-48	156	2/18, 2/19			L52ABDF1	0	ABDF1	1C	1/22				I	TEST9	259	1/1				I	TEST13	259	1/1		
-48P52A	PMR	-48	049	2/71			L52ABDG1	0	ABADG1	1C	1/22				I	TEST14	260	1/1				I	TEST14	260	1/1		
-48P52B	PMR	-48	004	2/73			L52ADPR1	0	ADPERR1	1C	1/22				I	TEST15	261	1/1				I	TEST15	261	1/1		
-5CB	PMR	-5	022	1/13			L52AF00A	0	AFODATA	347	2/8				I	TEST16	262	1/1				I	TEST16	262	1/1		
	PMR	-5	122	1/13			L52AF00B	0	BFODATA	318	2/8				I	TEST17	263	1/1				I	TEST17	263	1/1		
CK160L52	I	TMS160	339	2/21			L52AF10A	0	AF1DATA	345	2/8				I	TEST18	264	1/1				I	TEST18	264	1/1		
CK161L52	I	TMS161	239	2/21		P/CK161L52	L52AF10B	0	BF1DATA	316	2/8				I	TEST19	265	1/1				I	TEST19	265	1/1		
CK8K1L52	I	TMS8K1	337	2/21		P/CK8K1L52	L52AF2A	0	AFODATA	343	2/21				I	TEST20	266	1/1				I	TEST20	266	1/1		
GRD04126	I	RCVRETA	152	2/21		P/CK8K1L52	L52AF2B	0	BFODATA	314	2/21				I	TEST21	267	1/1				I	TEST21	267	1/1		
	I	TEST3	251	2/17			L52ALPRO	0	ALPERR0	1C	1/22				I	TEST22	268	1/1				I	TEST22	268	1/1		
	GRD	GRD	005	2/17			L52A00F1	0	A00F1	1C	1/22				I	TEST23	269	1/1				I	TEST23	269	1/1		
	GRD	GRD	007	2/17			L52ASWP1	0	AFABPAR1	1C	1/22				I	TEST24	270	1/1				I	TEST24	270	1/1		
	GRD	GRD	015	2/17			L52BBDF1	0	BBADF1	1C	1/22				I	TEST25	271	1/1				I	TEST25	271	1/1		
	GRD	GRD	021	2/17			L52BBDG1	0	BBADG1	1C	1/22				I	TEST26	272	1/1				I	TEST26	272	1/1		
	GRD	GRD	034	2/17			L52BDPR1	0	ADPERR1	1C	1/22				I	TEST27	273	1/1				I	TEST27	273	1/1		
	GRD	GRD	040	2/17			L52BF00A	0	AFODATB	246	2/8				I	TEST28	274	1/1				I	TEST28	274	1/1		
	GRD	GRD	050	2/17			L52BF00B	0	BFODATB	219	2/8				I	TEST29	275	1/1				I	TEST29	275	1/1		
	GRD	GRD	052	2/17			L52BF10A	0	AF1DATB	244	2/8				I	TEST30	276	1/1				I	TEST30	276	1/1		
	GRD	GRD	103	2/17			L52BF10B	0	BF1DATB	217	2/8				I	TEST31	277	1/1				I	TEST31	277	1/1		
	GRD	GRD	104	2/17			L52BF2A	0	AFODATB	242	2/21				I	TEST32	278	1/1				I	TEST32	278	1/1		
	GRD	GRD	106	2/17			L52BF2B	0	BFODATB	215	2/21				I	TEST33	279	1/1				I	TEST33	279	1/1		
	GRD	GRD	107	2/17			L52BLPRO	0	BLPERR0	1C	1/22				I	TEST34	280	1/1				I	TEST34	280	1/1		
	GRD	GRD	120	2/17			L52B00F1	0	B00F1	1C	1/22				I	TEST35	281	1/1				I	TEST35	281	1/1		
	GRD	GRD	139	2/17			L52BSWP1	0	BFABPAR1	1C	1/22				I	TEST36	282	1/1				I	TEST36	282	1/1		
	GRD	GRD	147	2/17			L52BT161	0	BTMS160	1C	1/22				I	TEST37	283	1/1				I	TEST37	283	1/1		
	GRD	GRD	200	2/17			L52CONRG	0	CONREG	1C	1/22				I	TEST38	284	1/1				I	TEST38	284	1/1		
	GRD	GRD	201	2/17			L52DT161	0	DTHS161	1C	1/22				I	TEST39	285	1/1				I	TEST39	285	1/1		
	GRD	GRD	214	2/17			L52E1161	0	ETHS161	1C	1/22				I	TEST40	286	1/1				I	TEST40	286	1/1		
	GRD	GRD	216	2/17			L52HR0	I	HR0	1C	1/22				I	TEST41	287	1/1				I	TEST41	287	1/1		
	GRD	GRD	218	2/17			L52HR1	I	HR1	1C	1/22				I	TEST42	288	1/1				I	TEST42	288	1/1		
	GRD	GRD	223	2/17			L52HR2	I	HR2	1C	1/22				I	TEST43	289	1/1				I	TEST43	289	1/1		
	GRD	GRD	232	2/17			L52HR3	I	HR3	1C	1/22				I	TEST44	290	1/1				I	TEST44	290	1/1		
	GRD	GRD	234	2/17			L52HR4	I	HR4	1C	1/22				I	TEST45	291	1/1				I	TEST45	291	1/1		
	GRD	GRD	236	2/17			L52HR5	I	HR5	1C	1/22				I	TEST46	292	1/1				I	TEST46	292	1/1		
	GRD	GRD	238	2/17			L52HR6	I	HR6	1C	1/22				I	TEST47	293	1/1				I	TEST47	293	1/1		
	GRD	GRD	240	2/17			L52HR7	I	HR7	1C	1/22				I	TEST48	294	1/1				I	TEST48	294	1/1		
	GRD	GRD	243	2/17			L52RA0	0	RA0	1C	1/22				I	TEST49	295	1/1				I	TEST49	295	1/1		

PART OF FS 2
SYMBOL(S) 17 18

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TIME MULTIPLEXED SWITCH UNIT

AT&T BELL LABORATORIES

SD-5D043-01

DWG SIZE 2

ISSUE 6B

82CP

MADE IN U.S.A.

PART OF FS 2

DATA

SYMBOL NO. 18 (CONT)

LINK 6 SHELF 2 I/O

SYMBOL NO. 18 (CONT)

LINK 6 SHELF 2 I/O

SYMBOL NO. 19 (CONT)

LINK 7 SHELF 2 I/O

SYMBOL NO. 19 (CONT)

LINK 7 SHELF 2 I/O

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
L6210	04-136	TN243	A	15

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
L6210	04-136	TN243	A	15

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
L7210	04-146	TN243	A	8

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
L7210	04-146	TN243	A	8

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
		GRD	GRD	336	2/18	
		GRD	GRD	338	2/18	
		GRD	GRD	340	2/18	
		GRD	GRD	342	2/18	
		GRD	GRD	344	2/18	
		GRD	GRD	346	2/18	
		GRD	GRD	348	2/18	
		GRD	GRD	349	2/18	
		GRD	GRD	216	2/74, 2/75	
					2/76, 2/77	
L62ABDF1	0	ABDF1	IC		1/23	
L62ABDG1	0	ABADG1	IC		1/23	
L62ADPR1	0	ADPERR1	IC		1/23	
L62AF00A	0	AF00ATA	347		2/8	P/L62AF10A
L62AF00B	0	BF00ATA	318		2/8	P/L62AF10B
L62AF10A	0	AF10ATA	345		2/8	P/L62AF00A
L62AF10B	0	BF10ATA	316		2/8	P/L62AF00B
L62AF2A	0	AF00ATA	343		2/21	
L62AF2B	0	BF00ATA	314		2/21	
L62ALPR0	0	ALPERR0	IC		1/23	
L62A00F1	0	A00F1	IC		1/23	
L62ASWP1	0	AFABPAR1	IC		1/23	
L62BBOF1	0	BBADF1	IC		1/23	
L62BBOG1	0	BBAOG1	IC		1/23	
L62BOPR1	0	ADPERR1	IC		1/23	
L62BF00A	0	AF00ATB	246		2/8	P/L62BF10A
L62BF00B	0	BF00ATB	219		2/8	P/L62BF10B
L62BF10A	0	AF10ATB	244		2/8	P/L62BF00A
L62BF10B	0	BF10ATB	217		2/8	P/L62BF00B
L62BF2A	0	AF00ATB	242		2/21	
L62BF2B	0	BF00ATB	215		2/21	
L62BLPR0	0	BLPERR0	IC		1/23	
L62BOOF1	0	BOOF1	IC		1/23	
L62BSWP1	0	BFABPAR1	IC		1/23	
L62BT161	0	BTMS160	IC		1/23	
L62CONRG	0	CONREG	IC		1/23	
L62DT161	0	DTMS161	IC		1/23	
L62ET161	0	ETMS161	IC		1/23	
L62MR0	1	MR0	IC		1/23	
L62MR1	1	MR1	IC		1/23	
L62MR2	1	MR2	IC		1/23	
L62MR3	1	MR3	IC		1/23	
L62MR4	1	MR4	IC		1/23	
L62MR5	1	MR5	IC		1/23	
L62MR6	1	MR6	IC		1/23	
L62MR7	1	MR7	IC		1/23	
L62RA0	0	RA0	IC		1/23	
L62RA1	0	RA1	IC		1/23	
L62RA2	0	RA2	IC		1/23	
L62RA3	0	RA3	IC		1/23	
L62RA4	0	RA4	IC		1/23	
L62RA5	0	RA5	IC		1/23	
L62RA6	0	RA6	IC		1/23	
L62RA7	0	RA7	IC		1/23	
L62SLOP0	0	SLOP0	IC		1/23	
NC	OT	SLOP1	IC		1/1	
	OT	BADCLK	IC		1/1	
	I	CLEAR0	NC		1/1	
	I	TEST10	146		1/1	106

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
		I	TEST6	241	1/1	
		I	TEST5	248	1/1	
		I	TEST9	250	1/1	
		I	CLOCK	252	1/1	
		I	TEST2	253	1/1	
		I	TEST1	254	1/1	
		I	TEST8	255	1/1	
		I	HI	322	1/1	106
		I	TSTSEL	334	1/1	
		I	DATA	350	1/1	
		I	AFADA	332	2/24	
		I	BFADA	323	2/24	
X32AL62A						
X32AL62B						
X32BL62A						
X32BL62B						
X32CL62P						
		I	AFADB	233	2/24	
		I	BFADB	224	2/24	
		I	ADPAR1	249	1/16	
		I	RCVA	153	2/75	
		I	RCVB	108	2/77	
		D	XMITA	140	2/74	
62XMITB		D	XMITB	121	2/76	

SYMBOL NO. 19

LINK 7 SHELF 2 I/O

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
L7210	04-146	TN243	A	8

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
		OT	+CURPR	112	2/17	
		OT	+CURPRM	113	1/1	
		PWR	+5	000	2/17	
		PWR	+5	001	2/17	
		PWR	+5	100	2/17	
		PWR	+5	101	2/17	
		PWR	+5	333	2/17	
		PWR	+5	356	2/17	
		O	COND5A	154	2/79	
		PWR	COND5B	109	2/81	
		PWR	+5	051	2/79	
		PWR	+5	006	2/81	
		PWR	+5	134	2/78	
		PWR	+5	115	2/80, 2/81	
		OT	-CURPR	012	2/17	
		OT	-CURPRM	013	1/1	
		PWR	-48	156	2/17	
		PWR	-48	049	2/79	
		PWR	-48	004	2/81	
		PWR	-5	022	1/13	
		PWR	-5	122	1/13	
CK160L72		I	TMS160	339	2/21	P/CK161L72
CK161L72		I	TMS161	239	2/21	P/CK160L72
CK8K0L72		I	TMS8K0	337	2/21	P/CK8K0L72
CK8K1L72		I	TMS8K1	237	2/21	
GRD04146		I	RCVRETA	152	2/19	
		I	TEST3	251	2/19	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
		GRD	GRD	005	2/19	
		GRD	GRD	007	2/19	
		GRD	GRD	015	2/19	
		GRD	GRD	021	2/19	
		GRD	GRD	034	2/19	
		GRD	GRD	040	2/19	
		GRD	GRD	050	2/19	
		GRD	GRD	052	2/19	
		GRD	GRD	103	2/19	
		GRD	GRD	104	2/19	
		GRD	GRD	106	2/19	
		GRD	GRD	107	2/19	
		GRD	GRD	120	2/19	
		GRD	GRD	139	2/19	
		GRD	GRD	147	2/19	
		GRD	GRD	148	2/19	
		GRD	GRD	200	2/19	
		GRD	GRD	201	2/19	
		GRD	GRD	214	2/19	
		GRD	GRD	216	2/19	
		GRD	GRD	218	2/19	
		GRD	GRD	223	2/19	
		GRD	GRD	232	2/19	
		GRD	GRD	234	2/19	
		GRD	GRD	236	2/19	
		GRD	GRD	238	2/19	
		GRD	GRD	240	2/19	
		GRD	GRD	243	2/19	
		GRD	GRD	245	2/19	
		GRD	GRD	300	2/19	
		GRD	GRD	301	2/19	
		GRD	GRD	304	2/19	
		GRD	GRD	306	2/19	
		GRD	GRD	313	2/19	
		GRD	GRD	315	2/19	
		GRD	GRD	317	2/19	
		GRD	GRD	319	2/19	
		GRD	GRD	324	2/19	
		GRD	GRD	333	2/19	
		GRD	GRD	336	2/19	
		GRD	GRD	338	2/19	
		GRD	GRD	340	2/19	
		GRD	GRD	342	2/19	
		GRD	GRD	346	2/19	
		GRD	GRD	348	2/19	
		GRD	GRD	349	2/19	
		GRD	GRD	344	2/78, 2/79	
					1/24	
L72ABDF1	0	ABDF1	IC		1/24	
L72ABDG1	0	ABADG1	IC		1/24	
L72ADPR1	0	ADPERR1	IC		1/24	
L72AF00A	0	AF00ATA	347		2/8	P/L72AF10A
L72AF00B	0	BF00ATA	318		2/8	P/L72AF10B
L72AF10A	0	AF10ATA	345		2/8	P/L72AF00A
L72AF10B	0	BF10ATA	316		2/8	P/L72AF00B
L72AF2A	0	AF00ATA	343		2/21	
L72AF2B	0	BF00ATA	314		2/21	
L72ALPR0	0	ALPERR0	IC		1/24	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
L72A00F1	0	A00F1	IC		1/24	
L72ASWP1	0	AFABPAR1	IC		1/24	
L72BBOF1	0	BBADF1	IC		1/24	
L72BBOG1	0	BBAOG1	IC		1/24	
L72BOPR1	0	ADPERR1	IC		1/24	
L72BF00A	0	AF00ATB	246		2/8	P/L72BF10A
L72BF00B	0	BF00ATB	219		2/8	P/L72BF10B
L72BF10A	0	AF10ATB	244		2/8	P/L72BF00A
L72BF10B	0	BF10ATB	217		2/8	P/L72BF00B
L72BF2A	0	AF00ATB	242		2/21	
L72BF2B	0	BF00ATB	215		2/21	
L72BLPR0	0	BLPERR0	IC		1/24	
L72BOOF1	0	BOOF1	IC		1/24	
L72BSWP1	0	BFABPAR1	IC		1/24	
L72BT161	0	BTMS160	IC		1/24	
L72CONRG	0	CONREG	IC		1/24	
L72DT161	0	DTMS161	IC		1/24	
L72ET161	0	ETMS161	IC		1/24	
L72MR0	1	MR0	IC		1/24	
L72MR1	1	MR1	IC		1/24	
L72MR2	1	MR2	IC		1/24	
L72MR3	1	MR3	IC		1/24	
L72MR4	1	MR4	IC		1/24	
L72MR5	1	MR5	IC		1/24	
L72MR6	1	MR6	IC		1/24	
L72MR7	1	MR7	IC		1/24	
L72RA0	0	RA0	IC		1/24	
L72RA1	0	RA1	IC		1/24	
L72RA2	0	RA2	IC		1/24	
L72RA3	0	RA3	IC		1/24	
L72RA4	0	RA4	IC		1/24	
L72RA5	0	RA5	IC		1/24	
L72RA6	0	RA6	IC		1/24	
L72RA7	0	RA7	IC		1/24	
L72SLOP0	0	SLOP0	IC		1/24	
NC	OT	SLOP1	IC		1/1	
	OT	BADCLK	IC		1/1	
	I	CLEAR0	NC		1/1	
	I	TEST10	146		1/1	106
	I	TEST6	241		1/1	
	I</					

PART OF FS 2
DATA

SYMBOL NO. 19 (CONT)
LINK 7 SHELF 2 I/O

SYMBOL NO. 20 (CONT)
LINK 8 SHELF 2 I/O

SYMBOL NO. 20 (CONT)
LINK 8 SHELF 2 I/O

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT						
L7210	04-146	TN243	A	8	L8210	04-156	TN243	A	17	L8210	04-156	TN243	A	17						
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
X42AL72B	I	BFADA	323		2/25		GRD	GRD	104			2/20		L82BF2A	O	AFODATB	242		2/21	
X42BL72A	I	AFADB	233		2/25		GRD	GRD	106			2/20		L82BF2B	O	BFODATB	215		2/21	
X42BL72B	I	BFADB	224		2/25		GRD	GRD	107			2/20		L82BLPR0	O	BLPERRO	1C		1/25	
X42CL72P	I	ADPAR1	249		1/17		GRD	GRD	120			2/20		L82BOOF1	O	BOOF1	1C		1/25	
72RCVA	I	RCVA	153		2/79		GRD	GRD	139			2/20		L82BSMP1	O	BFABPAR1	1C		1/25	
72RCVB	O	RCVB	108		2/81		GRD	GRD	147			2/20		L82BT161	O	BTMS160	1C		1/25	
72XMITA	O	XMITA	140		2/78		GRD	GRD	148			2/20		L82CONRG	O	CONREG	1C		1/25	
72XMITB	O	XMITB	121		2/80		GRD	GRD	200			2/20		L82DT161	O	DTMS161	1C		1/25	
							GRD	GRD	214			2/20		L82ET161	O	ETMS161	1C		1/25	
							GRD	GRD	216			2/20		L82MR0	I	MR0	1C		1/25	
							GRD	GRD	218			2/20		L82MR1	I	MR1	1C		1/25	
							GRD	GRD	223			2/20		L82MR2	I	MR2	1C		1/25	
							GRD	GRD	232			2/20		L82MR3	I	MR3	1C		1/25	
							GRD	GRD	234			2/20		L82MR4	I	MR4	1C		1/25	
							GRD	GRD	236			2/20		L82MR5	I	MR5	1C		1/25	
							GRD	GRD	238			2/20		L82MR6	I	MR6	1C		1/25	
							GRD	GRD	240			2/20		L82MR7	I	MR7	1C		1/25	
							GRD	GRD	243			2/20		L82RA0	O	RA0	1C		1/25	
							GRD	GRD	245			2/20		L82RA1	O	RA1	1C		1/25	
							GRD	GRD	300			2/20		L82RA2	O	RA2	1C		1/25	
							GRD	GRD	301			2/20		L82RA3	O	RA3	1C		1/25	
							GRD	GRD	304			2/20		L82RA4	O	RA4	1C		1/25	
							GRD	GRD	306			2/20		L82RA5	O	RA5	1C		1/25	
							GRD	GRD	313			2/20		L82RA6	O	RA6	1C		1/25	
							GRD	GRD	315			2/20		L82RA7	O	RA7	1C		1/25	
							GRD	GRD	317			2/20		L82SLOP0	O	SLOP0	1C		1/25	
							GRD	GRD	319			2/20		NC	OT	BAOCLK	1C		1/1	
							GRD	GRD	324			2/20			OT	SLOP1	1C		1/1	
							GRD	GRD	333			2/20		I	CLEAR0	NC			106	
							GRD	GRD	336			2/20		I	TEST10	146			1/1	
							GRD	GRD	338			2/20		I	TEST6	241			1/1	
							GRD	GRD	340			2/20		I	TEST5	248			1/1	
							GRD	GRD	342			2/20		I	TEST9	250			1/1	
							GRD	GRD	344			2/20		I	CLOCK	252			1/1	
							GRD	GRD	346			2/20		I	TEST2	253			1/1	
							GRD	GRD	348			2/20		I	TEST1	254			1/1	
							GRD	GRD	349			2/20		I	TEST8	255			1/1	
							GRD	GRD	201			2/82, 2/83		I	HI	322			106	
												2/84, 2/85		I	TSTSEL	334			1/1	
												1/25		I	DATA	350			1/1	
							L82ABDF1	O	ABDF1	1C		1/25		I	AFADA	332			2/25	
							L82ABDG1	O	ABADG1	1C		1/25		I	BFADA	323			2/25	
							L82ADPR1	O	ADPERR1	1C		1/25		I	AFADB	233			2/25	
							L82AF00A	O	AFODATA	347		2/8		I	BFADB	224			2/25	
														I	ADPAR1	249			1/17	
							L82AF00B	O	BFODATA	318		2/8		I	RCVA	153			2/83	
							L82AF10A	O	AF1DATA	345		2/8		I	RCVB	108			2/85	
							L82AF10B	O	BF1DATA	316		2/8		I	XMITA	140			2/82	
							L82AF2A	O	AFODATA	343		2/21		I	XMITB	121			2/84	
							L82AF2B	O	BFODATA	314		2/21								
							L82ALPR0	O	ALPERRO	1C		1/25								
							L82A00F1	O	A00F1	1C		1/25								
							L82ASMP1	O	AFABPAR1	1C		1/25								
							L82BBD1	O	BBADF1	1C		1/25								
							L82BBDG1	O	BBADG1	1C		1/25								
							L82BDPR1	O	ADPERR1	1C		1/25								
							L82BF00A	O	AFODATB	246		2/8								
							L82BF00B	O	BFODATB	219		2/8								
							L82BF10A	O	AF1DATB	244		2/8								
							L82BF10B	O	BF1DATB	217		2/8								

PART OF FS 2
SYMBOL(S) 19 20

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TIME MULTIPLEXED SWITCH UNIT

AT&T BELL LABORATORIES SD-50043-01 B2CT

ENG SIZE 12 ISSUE 68

PRINTED IN U.S.A.

PART OF FS 2
DATA

SYMBOL NO. 21
CLOCK & DATA FANOUT SHELF 2

SYMBOL NO. 21 (CONT)
CLOCK & DATA FANOUT SHELF 2

SYMBOL NO. 21 (CONT)
CLOCK & DATA FANOUT SHELF 2

SYMBOL NO. 21 (CONT)
CLOCK & DATA FANOUT SHELF 2

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
CKDAF02	04-096	UN74	A	10	FOAX12ML	0	1020A	008		2/22, 2/23	
					FOAX12TB	0	1000A	009		2/24, 2/25	
					FOAX122A	0	1040A	109		2/22, 2/23	
					FOAX122B	0	1060A	108		2/24, 2/25	
					FOAX123A	0	1080A	209		2/22, 2/23	
					FOAX123B	0	1100A	208		2/24, 2/25	
					FOAX124A	0	1120A	309		2/22, 2/23	
					FOAX124B	0	1140A	308		2/24, 2/25	
					FOAX125A	0	1160A	005		2/22, 2/23	
					FOAX125B	0	1180A	004		2/24, 2/25	
					FOAX126A	0	1200A	105		2/22, 2/23	
					FOAX126B	0	1220A	104		2/24, 2/25	
					FOAX127A	0	1240A	205		2/22, 2/23	
					FOAX127B	0	1260A	204		2/24, 2/25	
					FOAX128A	0	1280A	305		2/22, 2/23	
					FOAX128B	0	1300A	304		2/24, 2/25	
					F0BX12ML	0	1030A	006		2/22, 2/23	
					F0BX12TB	0	1010A	007		2/24, 2/25	
					F0BX122A	0	1050A	107		2/22, 2/23	
					F0BX122B	0	1070A	106		2/24, 2/25	
					F0BX123A	0	1090A	207		2/22, 2/23	
					F0BX123B	0	1110A	206		2/24, 2/25	
					F0BX124A	0	1130A	307		2/22, 2/23	
					F0BX124B	0	1150A	306		2/24, 2/25	
					F0BX125A	0	1170A	003		2/22, 2/23	
					F0BX125B	0	1190A	002		2/24, 2/25	
					F0BX126A	0	1210A	103		2/22, 2/23	
					F0BX126B	0	1230A	102		2/24, 2/25	
					F0BX127A	0	1250A	203		2/22, 2/23	
					F0BX127B	0	1270A	202		2/24, 2/25	
					F0BX128A	0	1290A	303		2/22, 2/23	
					F0BX128B	0	1310A	302		2/24, 2/25	
					F0F21601	1	F0116M01	455		2/22, 2/23	
					F0F21602	1	F0216M01	435		2/24, 2/25	
					F0F21603	1	F0316M01	418		2/22, 2/23	
					F0F21604	1	F0416M01	400		2/24, 2/25	
					F0F21611	1	F0116M11	555		2/8	
					F0F21612	1	F0216M11	535		2/8	
					F0F21613	1	F0316M11	518		2/8	
					F0F21614	1	F0416M11	500		2/8	
					F2AX121A	0	1000B	050		2/22, 2/23	
					F2AX121B	0	1020B	049		2/24, 2/25	
					F2AX122A	0	1040B	149		2/22, 2/23	
					F2AX122B	0	1060B	148		2/24, 2/25	
					F2AX123A	0	1080B	249		2/22, 2/23	
					F2AX123B	0	1100B	248		2/24, 2/25	
					F2AX124A	0	1120B	348		2/22, 2/23	
					F2AX124B	0	1140B	347		2/24, 2/25	
					F2AX125A	0	1160B	054		2/22, 2/23	
					F2AX125B	0	1180B	053		2/24, 2/25	
					F2AX126A	0	1200B	153		2/22, 2/23	
					F2AX126B	0	1220B	152		2/24, 2/25	
					F2AX127A	0	1240B	253		2/22, 2/23	
					F2AX127B	0	1260B	252		2/24, 2/25	
					F2AX128A	0	1280B	352		2/22, 2/23	
					F2AX128B	0	1300B	351		2/24, 2/25	
					F2BX121A	0	1010B	052		2/22, 2/23	
					F2BX121B	0	1030B	051		2/24, 2/25	
					F2BX122A	0	1050B	151		2/22, 2/23	
					F2BX122B	0	1070B	150		2/24, 2/25	
					F2BX123A	0	1090B	251		2/22, 2/23	
					F2BX123B	0	1110B	250		2/24, 2/25	
					F2BX124A	0	1130B	350		2/22, 2/23	
					F2BX124B	0	1150B	349		2/24, 2/25	
					F2BX125A	0	1170B	056		2/22, 2/23	
					F2BX125B	0	1190B	055		2/24, 2/25	
					F2BX126A	0	1210B	155		2/22, 2/23	
					F2BX126B	0	1230B	154		2/24, 2/25	
					F2BX127A	0	1250B	255		2/22, 2/23	
					F2BX127B	0	1270B	254		2/24, 2/25	
					F2BX128A	0	1290B	354		2/22, 2/23	
					F2BX128B	0	1310B	353		2/24, 2/25	
					F2F01601	0	F0116M00	456		2/8	
					F2F01602	0	F0216M00	446		2/8	
					F2F01603	0	F0316M00	419		2/8	
					F2F01604	0	F0416M00	409		2/8	
					F2F01611	0	F0116M10	556		2/8	
					F2F01612	0	F0216M10	546		2/8	
					F2F01613	0	F0316M10	519		2/8	
					F2F01614	0	F0416M10	509		2/8	
					GRD04096	1	SEL1	246			
					GRD	GRD	010				
					GRD	GRD	013				
					GRD	GRD	018				
					GRD	GRD	019				
					GRD	GRD	024				
					GRD	GRD	035				
					GRD	GRD	044				
					GRD	GRD	048				
					GRD	GRD	110				
					GRD	GRD	113				
					GRD	GRD	118				
					GRD	GRD	119				
					GRD	GRD	124				
					GRD	GRD	135				
					GRD	GRD	144				
					GRD	GRD	147				
					GRD	GRD	200				
					GRD	GRD	201				TO TIME MULTIPLEXED CONTROL UNIT
					GRD	GRD	210				
					GRD	GRD	219				
					GRD	GRD	224				
					GRD	GRD	237				
					GRD	GRD	247				
					GRD	GRD	256				
					GRD	GRD	300				
					GRD	GRD	301				
					GRD	GRD	310				
					GRD	GRD	319				
					GRD	GRD	324				
					GRD	GRD	337				
					GRD	GRD	346				
					GRD	GRD	437				
					GRD	GRD	537				
					K016M0F2	1	CK16M0	016			TO TIME MULTIPLEXED CONTROL UNIT
					K016M1F2	1	CK16M1	116			TO TIME MULTIPLEXED CONTROL UNIT
					K08K0F2	1	CK8K0	015			TO TIME MULTIPLEXED CONTROL UNIT

PART OF FS 2
SYMBOL(S) 21

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TIME MULTIPLEXED SWITCH UNIT	
DWG SIZE C	ISSUE 6B
AT&T BELL LABORATORIES	SD-5D043-01 B2CU

PART OF FS 2
DATA

SYMBOL NO. 22 (CONT)
SWITCH 1 SHELF 2

SYMBOL NO. 22 (CONT)
SWITCH 1 SHELF 2

SYMBOL NO. 23 (CONT)
SWITCH 2 SHELF 2

SYMBOL NO. 23 (CONT)
SWITCH 2 SHELF 2

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
SWITCH12	04-088	TR242	A	10	SWITCH12	04-088	TR242	A	10	SWITCH22	04-080	TR242	A	12	SWITCH22	04-080	TR242	A	12
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE				LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE			
	GRD	GRD	136		2/22					X12CENA0	I	CENA00	IC		1/14				
	GRD	GRD	140		2/22					X12CENA1	I	CENA10	IC		1/14				
	GRD	GRD	146		2/22					X12CENA2	I	CENA20	IC		1/14				
	GRD	GRD	147		2/22					X12CENA3	I	CENA30	IC		1/14				
	GRD	GRD	200		2/22					X12CENA4	I	CENA40	IC		1/14				
	GRD	GRD	201		2/22					X12CENA5	I	CENA50	IC		1/14				
	GRD	GRD	210		2/22					X12CENA6	I	CENA60	IC		1/14				
	GRD	GRD	211		2/22					X12CENA7	I	CENA70	IC		1/14				
	GRD	GRD	218		2/22					X12CK1NC	O	CLK1NC	IC		1/14				
	GRD	GRD	220		2/22					X12CSEL0	I	CSEL01	IC		1/14				
	GRD	GRD	222		2/22					X12CSEL1	I	CSEL11	IC		1/14				
	GRD	GRD	223		2/22					X12CSEL2	I	CSEL21	IC		1/14				
	GRD	GRD	224		2/22					X12DENA0	I	DENA00	IC		1/14				
	GRD	GRD	232		2/22					X12DENA1	I	DENA10	IC		1/14				
	GRD	GRD	233		2/22					X12DENA2	I	DENA20	IC		1/14				
	GRD	GRD	246		2/22					X12DENA3	I	DENA30	IC		1/14				
	GRD	GRD	247		2/22					X12DENA4	I	DENA40	IC		1/14				
	GRD	GRD	256		2/22					X12DENA5	I	DENA50	IC		1/14				
	GRD	GRD	300		1/14					X12DENA6	I	DENA60	IC		1/14				
	GRD	GRD	301		2/22					X12DENA7	I	DENA70	IC		1/14				
	GRD	GRD	310		2/22					X12DSEL0	I	DSEL01	IC		1/14				
	GRD	GRD	318		2/22					X12DSEL1	I	DSEL11	IC		1/14				
	GRD	GRD	320		2/22					X12DSEL2	I	DSEL21	IC		1/14				
	GRD	GRD	322		2/22														
	GRD	GRD	345		2/22														
NC		CLEAR0	346		2/22														
X12AENA0	I	AENA00	IC		1/14														
X12AENA1	I	AENA10	IC		1/14														
X12AENA2	I	AENA20	IC		1/14														
X12AENA3	I	AENA30	IC		1/14														
X12AENA4	I	AENA40	IC		1/14														
X12AENA5	I	AENA50	IC		1/14														
X12AENA6	I	AENA60	IC		1/14														
X12AENA7	I	AENA70	IC		1/14														
X12AL12A	O	DT0A1	032		2/13														
X12AL12B	O	DT1A1	024		2/13														
X12AL22A	O	DT2A1	033		2/14														
X12AL22B	O	DT3A1	023		2/14														
X12AR8K0	O	ARSET8K0	IC		1/14														
X12ASEL0	I	ASEL01	IC		1/14														
X12ASEL1	I	ASEL11	IC		1/14														
X12ASEL2	I	ASEL21	IC		1/14														
X12BENA0	I	BENA00	IC		1/14														
X12BENA1	I	BENA10	IC		1/14														
X12BENA2	I	BENA20	IC		1/14														
X12BENA3	I	BENA30	IC		1/14														
X12BENA4	I	BENA40	IC		1/14														
X12BENA5	I	BENA50	IC		1/14														
X12BENA6	I	BENA60	IC		1/14														
X12BENA7	I	BENA70	IC		1/14														
X12BL12A	O	DT0B1	132		2/13														
X12BL12B	O	DT1B1	124		2/13														
X12BL22A	O	DT2B1	133		2/14														
X12BL22B	O	DT3B1	123		2/14														
X12BSEL0	I	BSEL01	IC		1/14														
X12BSEL1	I	BSEL11	IC		1/14														
X12BSEL2	I	BSEL21	IC		1/14														

SYMBOL NO. 23
SWITCH 2 SHELF 2

PART OF FS 2
SYMBOL(S) 22 23

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TIME MULTIPLEXED SWITCH UNIT	
DWG SIZE C2	ISSUE 6B
AT&T BELL LABORATORIES	SD-5D043-01 BZCW

PART OF FS 2

DATA

SYMBOL NO. 23 (CONT)
SWITCH 2 SHELF 2

SYMBOL NO. 24 (CONT)
SWITCH 3 SHELF 2

SYMBOL NO. 24 (CONT)
SWITCH 3 SHELF 2

SYMBOL NO. 24 (CONT)
SWITCH 3 SHELF 2

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	
SWITCH2	04-080	TN242	A	12	
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
X22BENA2	I	BENA20	IC	1/15	
X22BENA3	I	BENA30	IC	1/15	
X22BENA4	I	BENA40	IC	1/15	
X22BENA5	I	BENA50	IC	1/15	
X22BENA6	I	BENA60	IC	1/15	
X22BENA7	I	BENA70	IC	1/15	
X22BL32A	O	OT081	132	2/15	
X22BL32B	O	OT181	124	2/15	
X22BL42A	O	OT281	133	2/16	
X22BL42B	O	OT381	123	2/16	
X22BSEL0	I	BSEL01	IC	1/15	
X22BSEL1	I	BSEL11	IC	1/15	
X22BSEL2	I	BSEL21	IC	1/15	
X22CENA0	I	CENA00	IC	1/15	
X22CENA1	I	CENA10	IC	1/15	
X22CENA2	I	CENA20	IC	1/15	
X22CENA3	I	CENA30	IC	1/15	
X22CENA4	I	CENA40	IC	1/15	
X22CENA5	I	CENA50	IC	1/15	
X22CENA6	I	CENA60	IC	1/15	
X22CENA7	I	CENA70	IC	1/15	
X22CK1NC	O	CLK1NC	IC	1/15	
X22CSEL0	I	CSEL01	IC	1/15	
X22CSEL1	I	CSEL11	IC	1/15	
X22CSEL2	I	CSEL21	IC	1/15	
X22DENA0	I	DENA00	IC	1/15	
X22DENA1	I	DENA10	IC	1/15	
X22DENA2	I	DENA20	IC	1/15	
X22DENA3	I	DENA30	IC	1/15	
X22DENA4	I	DENA40	IC	1/15	
X22DENA5	I	DENA50	IC	1/15	
X22DENA6	I	DENA60	IC	1/15	
X22DENA7	I	DENA70	IC	1/15	
X22DSELO	I	DSEL01	IC	1/15	
X22DSEL1	I	DSEL11	IC	1/15	
X22DSEL2	I	DSEL21	IC	1/15	

SYMBOL NO. 24
SWITCH 3 SHELF 2

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	
SWITCH3	04-108	TN242	A	14	
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
+CURPRB2	OT	+CURPR	112	2/17	
+CURPRM	OT	+CURPRM	113	2/17	
+5B2	PMR	+5	000	2/17	
PMR	+5	001		2/17	
PMR	+5	100		2/17	
PMR	+5	101		2/17	
PMR	+5	355		2/17	
PMR	+5	356		2/17	
-CURPRB2	OT	-CURPR	012	2/17	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	
SWITCH3	04-108	TN242	A	14	
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
-CURPRM	OT	-CURPRM	013	1/1	
-5CB	PMR	-5	022	1/13	
	PMR	-5	122	1/13	
				TO TIME MULTIPLEXED CONTROL UNIT	
CK160X32	I	CK1600	321	2/21	P/CK161X32
CK161X32	I	CK16M1	221	2/21	P/CK160X32
CK8K0X32	I	RSET8K0	319	2/21	P/CK8K1X32
CK8K1X32	I	RSET8K1	219	2/21	P/CK8K0X32
FOAX12ML	I	DA010	008	2/21	
FOAX12TB	I	DA000	009	2/21	
FOAX12ZA	I	DA020	109	2/21	
FOAX12ZB	I	DA030	108	2/21	
FOAX123A	I	DA040	209	2/21	
FOAX123B	I	DA050	208	2/21	
FOAX124A	I	DA060	309	2/21	
FOAX124B	I	DA070	308	2/21	
FOAX125A	I	DA080	005	2/21	
FOAX125B	I	DA090	004	2/21	
FOAX126A	I	DA100	105	2/21	
FOAX126B	I	DA110	104	2/21	
FOAX127A	I	DA120	205	2/21	
FOAX127B	I	DA130	204	2/21	
FOAX128A	I	DA140	305	2/21	
FOAX128B	I	DA150	304	2/21	
FOBX12ML	I	DB010	006	2/21	
FOBX12TB	I	DB000	007	2/21	
FOBX12ZA	I	DB020	107	2/21	
FOBX12ZB	I	DB030	106	2/21	
FOBX123A	I	DB040	207	2/21	
FOBX123B	I	DB050	206	2/21	
FOBX124A	I	DB060	307	2/21	
FOBX124B	I	DB070	306	2/21	
FOBX125A	I	DB080	003	2/21	
FOBX125B	I	DB090	002	2/21	
FOBX126A	I	DB100	103	2/21	
FOBX126B	I	DB110	102	2/21	
FOBX127A	I	DB120	203	2/21	
FOBX127B	I	DB130	202	2/21	
FOBX128A	I	DB140	303	2/21	
FOBX128B	I	DB150	302	2/21	
FZAX121A	I	DA160	050	2/21	
FZAX121B	I	DA170	049	2/21	
FZAX122A	I	DA180	149	2/21	
FZAX122B	I	DA190	148	2/21	
FZAX123A	I	DA200	249	2/21	
FZAX123B	I	DA210	248	2/21	
FZAX124A	I	DA220	348	2/21	
FZAX124B	I	DA230	347	2/21	
FZAX125A	I	DA240	054	2/21	
FZAX125B	I	DA250	053	2/21	
FZAX126A	I	DA260	153	2/21	
FZAX126B	I	DA270	152	2/21	
FZAX127A	I	DA280	253	2/21	
FZAX127B	I	DA290	252	2/21	
FZAX128A	I	DA300	352	2/21	
FZAX128B	I	DA310	351	2/21	
FZBX121A	I	DB160	052	2/21	
FZBX121B	I	DB170	051	2/21	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	
SWITCH3	04-108	TN242	A	14	
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
F2BX122A	I	DB180	151	2/21	
F2BX122B	I	DB190	150	2/21	
F2BX123A	I	DB200	251	2/21	
F2BX123B	I	DB210	250	2/21	
F2BX124A	I	DB220	350	2/21	
F2BX124B	I	DB230	349	2/21	
F2BX125A	I	DB240	056	2/21	
F2BX125B	I	DB250	055	2/21	
F2BX126A	I	DB260	155	2/21	
F2BX126B	I	DB270	154	2/21	
F2BX127A	I	DB280	255	2/21	
F2BX127B	I	DB290	254	2/21	
F2BX128A	I	DB300	354	2/21	
F2BX128B	I	DB310	353	2/21	
GRD04108	I	TAC	311	2/24	
GRD	GRD	010		2/24	
GRD	GRD	011		2/24	
GRD	GRD	034		2/24	
GRD	GRD	047		2/24	
GRD	GRD	048		2/24	
GRD	GRD	110		2/24	
GRD	GRD	111		2/24	
GRD	GRD	119		2/24	
GRD	GRD	134		2/24	
GRD	GRD	140		2/24	
GRD	GRD	146		2/24	
GRD	GRD	147		2/24	
GRD	GRD	200		2/24	
GRD	GRD	201		2/24	
GRD	GRD	210		2/24	
GRD	GRD	211		2/24	
GRD	GRD	218		2/24	
GRD	GRD	220		2/24	
GRD	GRD	222		2/24	
GRD	GRD	223		1/16	
GRD	GRD	224		2/24	
GRD	GRD	232		2/24	
GRD	GRD	233		2/24	
GRD	GRD	246		2/24	
GRD	GRD	247		2/24	
GRD	GRD	256		2/24	
GRD	GRD	300		2/24	
GRD	GRD	301		2/24	
GRD	GRD	310		2/24	
GRD	GRD	318		2/24	
GRD	GRD	320		2/24	
GRD	GRD	322		2/24	
GRD	GRD	345		2/24	
NC					
X32AENA0	I	CLEAR0	344	1/1	
X32AENA1	I	AENA10	IC	1/16	
X32AENA2	I	AENA20	IC	1/16	
X32AENA3	I	AENA30	IC	1/16	
X32AENA4	I	AENA40	IC	1/16	
X32AENA5	I	AENA50	IC	1/16	
X32AENA6	I	AENA60	IC	1/16	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	
SWITCH3	04-108	TN242	A	14	
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
X32AENA7	I	AENA70	IC	1/16	
X32AL32A	O	OT0A1	032	2/17	
X32AL32B	O	OT1A1	024	2/17	
X32AL62A	O	OT2A1	033	2/18	
X32AL62B	O	OT3A1	023	2/18	
X32AR8K0	O	ARSET8K0	IC	1/16	
X32ASEL0	I	ASEL01	IC	1/16	
X32ASEL1	I	ASEL11	IC	1/16	
X32ASEL2	I	ASEL21	IC	1/16	
X32BENA0	I	BENA00	IC	1/16	
X32BENA1	I	BENA10	IC	1/16	
X32BENA2	I	BENA20	IC	1/16	
X32BENA3	I	BENA30	IC	1/16	
X32BENA4	I	BENA40	IC	1/16	
X32BENA5	I	BENA50	IC	1/16	
X32BENA6	I	BENA60	IC	1/16	
X32BENA7	I	BENA70	IC	1/16	
X32BL32A	O	OT0B1	132	2/17	
X32BL32B	O	OT1B1	124	2/17	
X32BL62A	O	OT2B1	133	2/18	
X32BL62B	O	OT3B1	123	2/18	
X32BSEL0	I	BSEL01	IC	1/16	
X32BSEL1	I	BSEL11	IC	1/16	
X32BSEL2	I	BSEL21	IC	1/16	
X32CENA0	I	CENA00	IC	1/16	
X32CENA1	I	CENA10	IC	1/16	
X32CENA2	I	CENA20	IC	1/16	
X32CENA3	I	CENA30	IC	1/16	
X32CENA4	I	CENA40	IC	1/16	
X32CENA5	I	CENA50	IC	1/16	
X32CENA6	I	CENA60	IC	1/16	
X32CENA7	I	CENA70	IC	1/16	
X32CK1NC	O	CLK1NC	IC	1/16	
X32CSEL0	I	CSEL01	IC	1/16	
X32CSEL1	I	CSEL11	IC	1/16	
X32CSEL2	I	CSEL21	IC	1/16	
X32DENA0	I	DENA00	IC</		

PART OF FS 2
DATA

SYMBOL NO. 25
SWITCH 4 SHELF 2

SYMBOL NO. 25 (CONT)
SWITCH 4 SHELF 2

SYMBOL NO. 25 (CONT)
SWITCH 4 SHELF 2

SYMBOL NO. 26
OPTIC XMIT LI2 SHELF 0 A LINK

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
SWITCH42	04-116	TN242	A	8	
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
-CLRPB2	OT	-CLRPB	112	2/17	
-CLRPRM	OT	-CLRPRM	113	7/1	
+5B2	PHR	+5	000	2/17	
	PHR	+5	001	2/17	
	PHR	+5	100	2/17	
	PHR	+5	101	2/17	
	PHR	+5	355	2/17	
	PHR	+5	356	2/17	
-CLRPB2	OT	-CLRPB	012	2/17	
-CLRPRM	OT	-CLRPRM	013	1/1	
-5CB	PHR	-5	022	1/13	
	PHR	-5	122	1/13	
CK160X42	I	CK16M0	321	2/21	P/CK161X42
CK161X42	I	CK16M1	221	2/21	P/CK160X42
CK8K0X42	I	RSET&K0	319	2/21	P/CK8K1X42
CK8K1X42	I	RSET&K1	219	2/21	P/CK8K0X42
F0AX12ML	I	DA010	008	2/21	
F0AX12TB	I	DA000	009	2/21	
F0AX122A	I	DA020	109	2/21	
F0AX122B	I	DA030	108	2/21	
F0AX123A	I	DA040	209	2/21	
F0AX123B	I	DA050	208	2/21	
F0AX124A	I	DA060	309	2/21	
F0AX124B	I	DA070	308	2/21	
F0AX125A	I	DA080	005	2/21	
F0AX125B	I	DA090	004	2/21	
F0AX126A	I	DA100	105	2/21	
F0AX126B	I	DA110	104	2/21	
F0AX127A	I	DA120	205	2/21	
F0AX127B	I	DA130	204	2/21	
F0AX128A	I	DA140	305	2/21	
F0AX128B	I	DA150	304	2/21	
F0BX12ML	I	DB010	006	2/21	
F0BX12TB	I	DB000	007	2/21	
F0BX122A	I	DB020	107	2/21	
F0BX122B	I	DB030	106	2/21	
F0BX123A	I	DB040	207	2/21	
F0BX123B	I	DB050	206	2/21	
F0BX124A	I	DB060	307	2/21	
F0BX124B	I	DB070	306	2/21	
F0BX125A	I	DB080	003	2/21	
F0BX125B	I	DB090	002	2/21	
F0BX126A	I	DB100	103	2/21	
F0BX126B	I	DB110	102	2/21	
F0BX127A	I	DB120	203	2/21	
F0BX127B	I	DB130	202	2/21	
F0BX128A	I	DB140	303	2/21	
F0BX128B	I	DB150	302	2/21	
F2AX121A	I	DA160	050	2/21	
F2AX121B	I	DA170	049	2/21	
F2AX122A	I	DA180	149	2/21	
F2AX122B	I	DA190	148	2/21	
F2AX123A	I	DA200	249	2/21	
F2AX123B	I	DA210	248	2/21	
F2AX124A	I	DA220	348	2/21	
F2AX124B	I	DA230	347	2/21	
F2AX125A	I	DA240	054	2/21	
F2AX125B	I	DA250	053	2/21	
F2AX126A	I	DA260	153	2/21	
F2AX126B	I	DA270	152	2/21	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
SWITCH42	04-116	TN242	A	8	
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
F2AX127A	I	DA280	253	2/21	
F2AX127B	I	DA290	252	2/21	
F2AX128A	I	DA300	352	2/21	
F2AX128B	I	DA310	351	2/21	
F2BX121A	I	DB160	052	2/21	
F2BX121B	I	DB170	051	2/21	
F2BX122A	I	DB180	151	2/21	
F2BX122B	I	DB190	150	2/21	
F2BX123A	I	DB200	251	2/21	
F2BX123B	I	DB210	250	2/21	
F2BX124A	I	DB220	350	2/21	
F2BX124B	I	DB230	349	2/21	
F2BX125A	I	DB240	056	2/21	
F2BX125B	I	DB250	055	2/21	
F2BX126A	I	DB260	155	2/21	
F2BX126B	I	DB270	154	2/21	
F2BX127A	I	DB280	255	2/21	
F2BX127B	I	DB290	254	2/21	
F2BX128A	I	DB300	354	2/21	
F2BX128B	I	DB310	353	2/21	
GRD04-116	I	TAC	311	2/25	
	GRD	GRD	010	2/25	
	GRD	GRD	011	2/25	
	GRD	GRD	034	2/25	
	GRD	GRD	047	2/25	
	GRD	GRD	048	2/25	
	GRD	GRD	110	2/25	
	GRD	GRD	111	2/25	
	GRD	GRD	119	2/25	
	GRD	GRD	134	2/25	
	GRD	GRD	140	2/25	
	GRD	GRD	146	2/25	
	GRD	GRD	147	2/25	
	GRD	GRD	200	2/25	
	GRD	GRD	201	2/25	
	GRD	GRD	210	2/25	
	GRD	GRD	211	1/17	
	GRD	GRD	218	2/25	
	GRD	GRD	220	2/25	
	GRD	GRD	222	2/25	
	GRD	GRD	223	2/25	
	GRD	GRD	224	2/25	
	GRD	GRD	232	2/25	
	GRD	GRD	233	2/25	
	GRD	GRD	246	2/25	
	GRD	GRD	247	2/25	
	GRD	GRD	256	2/25	
	GRD	GRD	300	2/25	
	GRD	GRD	301	2/25	
	GRD	GRD	310	2/25	
	GRD	GRD	318	2/25	
	GRD	GRD	320	2/25	
	GRD	GRD	322	2/25	
	GRD	GRD	345	2/25	
	GRD	GRD	346	2/25	
NC	I	CLEAR0	344	1/1	
X42AENA0	O	AENA00	1C	1/17	
X42AENA1	I	AENA10	1C	1/17	
X42AENA2	I	AENA20	1C	1/17	
X42AENA3	I	AENA30	1C	1/17	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
SWITCH42	04-116	TN242	A	8	
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
X42AENA4	I	AENA40	1C	1/17	
X42AENA5	I	AENA50	1C	1/17	
X42AENA6	I	AENA60	1C	1/17	
X42AENA7	I	AENA70	1C	1/17	
X42AL72A	O	OT0A1	032	2/19	
X42AL72B	O	OT1A1	024	2/19	
X42AL82A	O	OT2A1	033	2/20	
X42AL82B	O	OT3A1	023	2/20	
X42AR8K0	O	ARSET&K0	1C	1/17	
X42ASEL0	I	ASEL01	1C	1/17	
X42ASEL1	I	ASEL11	1C	1/17	
X42ASEL2	I	ASEL21	1C	1/17	
X42BENA0	I	BENA00	1C	1/17	
X42BENA1	I	BENA10	1C	1/17	
X42BENA2	I	BENA20	1C	1/17	
X42BENA3	I	BENA30	1C	1/17	
X42BENA4	I	BENA40	1C	1/17	
X42BENA5	I	BENA50	1C	1/17	
X42BENA6	I	BENA60	1C	1/17	
X42BENA7	I	BENA70	1C	1/17	
X42BL72A	O	OT0B1	132	2/19	
X42BL72B	O	OT1B1	124	2/19	
X42BL82A	O	OT2B1	133	2/20	
X42BL82B	O	OT3B1	123	2/20	
X42BSEL0	I	BSEL01	1C	1/17	
X42BSEL1	I	BSEL11	1C	1/17	
X42BSEL2	I	BSEL21	1C	1/17	
X42CENA0	I	CENA00	1C	1/17	
X42CENA1	I	CENA10	1C	1/17	
X42CENA2	I	CENA20	1C	1/17	
X42CENA3	I	CENA30	1C	1/17	
X42CENA4	I	CENA40	1C	1/17	
X42CENA5	I	CENA50	1C	1/17	
X42CENA6	I	CENA60	1C	1/17	
X42CENA7	I	CENA70	1C	1/17	
X42CK1NC	O	CLK1NC	1C	1/17	
X42CSEL0	I	CSEL01	1C	1/17	
X42CSEL1	I	CSEL11	1C	1/17	
X42CSEL2	I	CSEL21	1C	1/17	
X42DENA0	I	DENA00	1C	1/17	
X42DENA1	I	DENA10	1C	1/17	
X42DENA2	I	DENA20	1C	1/17	
X42DENA3	I	DENA30	1C	1/17	
X42DENA4	I	DENA40	1C	1/17	
X42DENA5	I	DENA50	1C	1/17	
X42DENA6	I	DENA60	1C	1/17	
X42DENA7	I	DENA70	1C	1/17	
X42DSEL0	I	DSEL01	1C	1/17	
X42DSEL1	I	DSEL11	1C	1/17	
X42DSEL2	I	DSEL21	1C	1/17	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
OPXMT20A	14-062A	982CF	A	(F)	
OPXMT20A	14-062A	982TA	A	(E)	
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
+5XP20A	PHR	+5	102	2/1	
GRD13062	GRD	GRD	002	2/1	
	GRD	GRD	008	2/1	
Z0XFOA	GRD	GRD	FO0T	107	2/1
	O	FO0T	FO	FO	305
Z0XMTA	I	XMIT	108	2/1	TO TIME SLOT INTERCHANGER UNIT MODULE 01 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (DRM)

SYMBOL NO. 27
OPTIC RCV LI2 SHELF 0 A LINK

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
OPRCV20A	14-062B	982CG	A	(F)	
OPRCV20A	14-062B	982TA	A	(E)	
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
+5CON20A	PHR	+5VCOND	109	2/1	
+5P20A	PHR	+5PHR	006	2/1	
+48P20A	PHR	+48PHR	004	2/1	
GRD13062	GRD	GRD	007	2/1	
	GRD	GRD	103	2/1	
	GRD	RECVR	107	2/1	
Z0RCVA	O	RCV	108	2/1	TO TIME SLOT INTERCHANGER UNIT MODULE 01 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (DRM)
Z0RCFOA	I	FOIN	FO	FO	305

PART OF FS 2
SYMBOL(S) 25 26 27

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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE C
		ISSUE 6B
AT&T BELL LABORATORIES	SD-5D043-01	BZCY

PART OF FS 2
DATA

SYMBOL NO. 28 OPTIC XMIT L12 SHELF 0 B LINK							SYMBOL NO. 30 OPTIC XMIT L13 SHELF 0 A LINK							SYMBOL NO. 32 OPTIC XMIT L13 SHELF 0 B LINK							SYMBOL NO. 34 OPTIC XMIT L14 SHELF 0 A LINK																						
DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	TERM. OPT	TERM. MOD	TERM. OPT	DESTINATION	NOTE	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	TERM. MOD	TERM. OPT	DESTINATION	NOTE	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	TERM. MOD	TERM. OPT	DESTINATION	NOTE	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	TERM. MOD	TERM. OPT	DESTINATION	NOTE			
OPXMT20B	12-062B	982CF	A	(F)	+5XP20B		102		2/1		OPXMT30A	14-052A	982CF	A	(F)	+5XP30A		102		2/2		OPXMT30B	12-052B	982CF	A	(Z,F)	+5XP30B		102		2/2		OPXMT40A	14-042A	982CF	A	(F)	+5XP40A		102		2/3	
OPXMT20B	12-062B	982NY	A	(E)	GRD13062		002		2/1		OPXMT30A	14-052A	982TA	A	(E)	GRD13052		002		2/2		OPXMT30B	12-052B	982NY	A	(Z,E)	GRD13052		002		2/2		OPXMT40A	14-042A	982TA	A	(E)	GRD13042		002		2/3	
					20XFOB		107		2/1	305						30XFOA		107		2/2	305						30XFOB		107		2/2	305						40XFOA		107		2/3	305
									TO TIME SLOT INTERCHANGER UNIT MODULE 02 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)											TO TIME SLOT INTERCHANGER UNIT MODULE 03 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)											TO TIME SLOT INTERCHANGER UNIT MODULE 04 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)											TO TIME SLOT INTERCHANGER UNIT MODULE 05 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)	
					20XMTB		108		2/1							30XMTA		108		2/2							30XMTB		108		2/2							40XMTA		108		2/3	
SYMBOL NO. 29 OPTIC RCV L12 SHELF 0 B LINK							SYMBOL NO. 31 OPTIC RCV L13 SHELF 0 A LINK							SYMBOL NO. 33 OPTIC RCV L13 SHELF 0 B LINK							SYMBOL NO. 35 OPTIC RCV L14 SHELF 0 A LINK																						
DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	TERM. MOD	TERM. OPT	TERM. OPT	DESTINATION	NOTE	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	TERM. MOD	TERM. OPT	DESTINATION	NOTE	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	TERM. MOD	TERM. OPT	DESTINATION	NOTE	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	TERM. MOD	TERM. OPT	DESTINATION	NOTE			
OPRCV20B	12-062A	982CG	A	(F)	+5CON20B		109		2/1		OPRCV30A	14-052B	982CG	A	(F)	+5CON30A		109		2/2		OPRCV30B	12-052A	982CG	A	(Z,F)	+5CON30B		109		2/2		OPRCV40A	14-042B	982CG	A	(F)	+5CON40A		109		2/3	
OPRCV20B	12-062A	982NY	A	(E)	+5P20B		006		2/1		OPRCV30A	14-052B	982TA	A	(E)	+5P30A		006		2/2		OPRCV30B	12-052A	982NY	A	(Z,E)	+5P30B		006		2/2		OPRCV40A	14-042B	982TA	A	(E)	+5P40A		006		2/3	
					+48P20B		004		2/1							+48P30A		004		2/2							+48P30B		004		2/2							+48P40A		004		2/3	
					GRD13062		007		2/1							GRD13052		007		2/2							GRD13052		007		2/2							GRD13042		007		2/3	
									2/1											2/2											2/2											2/3	
									2/1											2/2											2/2											2/3	
					20RCVB		108		2/1	305						30RCVA		108		2/2	305						30RCVB		108		2/2	305						40RCVA		108		2/3	305
					20RFOB		FO		TO TIME SLOT INTERCHANGER UNIT MODULE 02 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)							30RFOA		FO		TO TIME SLOT INTERCHANGER UNIT MODULE 03 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)							30RFOB		FO		TO TIME SLOT INTERCHANGER UNIT MODULE 04 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)							40RFOA		FO		TO TIME SLOT INTERCHANGER UNIT MODULE 05 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)	

PART OF FS 2
SYMBOL(S) 28 29 30 31 32 33 34 35

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TIME MULTIPLEXED SWITCH UNIT

DWG SIZE: 12 ISSUE: 6B

AT&T BELL LABORATORIES SD-5D043-01 BZDA

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PART OF FS 2
DATA

SYMBOL NO. 36 OPTIC XMIT L14 SHELF 0 B LINK							SYMBOL NO. 38 OPTIC XMIT L15 SHELF 0 A LINK							SYMBOL NO. 40 OPTIC XMIT L15 SHELF 0 B LINK							SYMBOL NO. 42 OPTIC XMIT L16 SHELF 0 A LINK						
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	NOTE	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	NOTE	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	NOTE	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	NOTE
OPXMT40B	12-042B	982CF	A	(Y,F)	+5XP40B		OPXMT50A	14-126A	982CF	A	(F)	+5XP50A		OPXMT50B	12-126B	982CF	A	(X,F)	+5XP50B		OPXMT60A	14-136A	982CF	A	(F)	+5XP60A	
OPXMT40B	12-042B	982WY	A	(Y,E)	GRD13042		OPXMT50A	14-126A	982TA	A	(E)	GRD13126		OPXMT50B	12-126B	982WY	A	(X,E)	GRD13126		OPXMT60A	14-136A	982TA	A	(E)	GRD13136	
					40XF0B	305						50XF0A	305						50XF0B	305						60XF0A	305
					40XMITB							50XMITA							50XMITB							60XMITA	
						TO TIME SLOT INTERCHANGER UNIT MODULE 06 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)							TO TIME SLOT INTERCHANGER UNIT MODULE 07 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)							TO TIME SLOT INTERCHANGER UNIT MODULE 08 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)							TO TIME SLOT INTERCHANGER UNIT MODULE 09 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)
SYMBOL NO. 37 OPTIC RCV L14 SHELF 0 B LINK							SYMBOL NO. 39 OPTIC RCV L15 SHELF 0 A LINK							SYMBOL NO. 41 OPTIC RCV L15 SHELF 0 B LINK							SYMBOL NO. 43 OPTIC RCV L16 SHELF 0 A LINK						
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	NOTE	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	NOTE	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	NOTE	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	NOTE
OPRCV40B	12-042A	982CG	A	(Y,F)	+5CON40B		OPRCV50A	14-126B	982CG	A	(F)	+5CON50A		OPRCV50B	12-126A	982CG	A	(X,F)	+5CON50B		OPRCV60A	14-136B	982CG	A	(F)	+5CON60A	
OPRCV40B	12-042A	982WY	A	(Y,E)	+5P40B		OPRCV50A	14-126B	982TA	A	(E)	+5P50A		OPRCV50B	12-126A	982WY	A	(X,E)	+5P50B		OPRCV60A	14-136B	982TA	A	(E)	+5P60A	
					-48P40B							-48P50A							-48P50B							-48P60A	
					GRD13042							GRD13126							GRD13126							GRD13136	
					40RCVB							50RCVA							50RCVB							60RCVA	
					40RF0B	305						50RF0A	305						50RF0B	305						60RF0A	305
						TO TIME SLOT INTERCHANGER UNIT MODULE 06 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)							TO TIME SLOT INTERCHANGER UNIT MODULE 07 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)							TO TIME SLOT INTERCHANGER UNIT MODULE 08 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)							TO TIME SLOT INTERCHANGER UNIT MODULE 09 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)

PART OF FS 2
SYMBOL(S) 36 37 38 39 40 41 42 43

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TIME MULTIPLEXED SWITCH UNIT		ISSUE 6B
AT&T BELL LABORATORIES	SD-5D043-01	82DB

PART OF FS 2
DATA

SYMBOL NO. 44 OPTIC XMIT L16 SHELF 0 B LINK										SYMBOL NO. 46 OPTIC XMIT L17 SHELF 0 A LINK										SYMBOL NO. 48 OPTIC XMIT L17 SHELF 0 B LINK										SYMBOL NO. 50 OPTIC XMIT L18 SHELF 0 A LINK																	
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													
OPXMT60B	12-136B	982CF	A	(M,F)						OPXMT70A	14-146A	982CF	A	(F)						OPXMT70B	12-146B	982CF	A	(V,F)						OPXMT80A	14-156A	982CF	A	(F)													
OPXMT60B	12-136B	982MY	A	(M,E)						OPXMT70A	14-146A	982TA	A	(E)						OPXMT70B	12-146B	982MY	A	(V,E)						OPXMT80A	14-156A	982TA	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						LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE					
+5XP60B	PMR	+5	102		2/5							+5XP70A	PMR	+5	102		2/5							+5XP70B	PMR	+5	102		2/6							+5XP80A	PMR	+5	102		2/7						
GRD13136	GRD	GRD	002		2/5							GRD13146	GRD	GRD	002		2/6							GRD13146	GRD	GRD	002		2/6							GRD13156	GRD	GRD	002		2/7						
	GRD	GRD	008		2/5								GRD	GRD	008		2/6								GRD	GRD	008		2/6								GRD	GRD	008		2/7						
60XF0B	GRD	GRD	107		2/5							70XF0A	GRD	GRD	107		2/6							70XF0B	GRD	GRD	107		2/6							80XF0A	GRD	GRD	107		2/7						
	0	FOOUT	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 10 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	305							0	FOOUT	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 11 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	305							0	FOOUT	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 12 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	305							0	FOOUT	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 13 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	305					
60XMITB	I	XMIT	108		2/5							70XMITA	I	XMIT	108		2/6							70XMITB	I	XMIT	108		2/6							80XMITA	I	XMIT	108		2/7						
SYMBOL NO. 45 OPTIC RCV L16 SHELF 0 B LINK										SYMBOL NO. 47 OPTIC RCV L17 SHELF 0 A LINK										SYMBOL NO. 49 OPTIC RCV L17 SHELF 0 B LINK										SYMBOL NO. 51 OPTIC RCV L18 SHELF 0 A LINK																	
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													
OPRCV60B	12-136A	982CG	A	(M,F)						OPRCV70A	14-146B	982CG	A	(F)						OPRCV70B	12-146A	982CG	A	(V,F)						OPRCV80A	14-156B	982CG	A	(F)													
OPRCV60B	12-136A	982MY	A	(M,E)						OPRCV70A	14-146B	982TA	A	(E)						OPRCV70B	12-146A	982MY	A	(V,E)						OPRCV80A	14-156B	982TA	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						LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE					
+5CON60B	PMR	+5VCOND	109		2/5							+5CON70A	PMR	+5VCOND	109		2/6							+5CON70B	PMR	+5VCOND	109		2/6							+5CON80A	PMR	+5VCOND	109		2/7						
+5P60B	PMR	+5PMR	006		2/5							+5P70A	PMR	+5PMR	006		2/6							+5P70B	PMR	+5PMR	006		2/6							+5P80A	PMR	+5PMR	006		2/7						
-48P60B	PMR	-48PMR	004		2/5							-48P70A	PMR	-48PMR	004		2/6							-48P70B	PMR	-48PMR	004		2/6							-48P80A	PMR	-48PMR	004		2/7						
GRD13136	GRD	GRD	007		2/5							GRD13146	GRD	GRD	007		2/6							GRD13146	GRD	GRD	007		2/6							GRD13156	GRD	GRD	007		2/7						
	GRD	GRD	103		2/5								GRD	GRD	103		2/6								GRD	GRD	103		2/6								GRD	GRD	103		2/7						
	GRD	RECVRET	107		2/5								GRD	RECVRET	107		2/6								GRD	RECVRET	107		2/6								GRD	RECVRET	107		2/7						
60RCVB	0	RECV	108		2/5							70RCVA	0	RECV	108		2/6							70RCVB	0	RECV	108		2/6							80RCVA	0	RECV	108		2/7						
60RF0B	I	FOIN	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 10 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	305						70RF0A	I	FOIN	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 11 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	305						70RF0B	I	FOIN	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 12 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	305						80RF0A	I	FOIN	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 13 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	305					

PART OF FS 2
SYMBOL(S) 44-45-46-47-48-49-50-51

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TIME MULTIPLEXED SWITCH UNIT		ISSUE 68
AT&T BELL LABORATORIES	SD-5D043-01	B2DC

PART OF FS 2
DATA

SYMBOL NO. 52 OPTIC XMIT L18 SHELF 0 B LINK							SYMBOL NO. 54 OPTIC XMIT L11 SHELF 2 A LINK							SYMBOL NO. 56 OPTIC XMIT L11 SHELF 2 B LINK							SYMBOL NO. 58 OPTIC XMIT L12 SHELF 2 A LINK						
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		
OPXMT80B	12-156B	982CF	A	(T,F)			OPXMT12A	05-072A	982CF	A	(F)			OPXMT12B	03-072B	982CF	A	(S,F)			OPXMT22A	05-062A	982CF	A	(F)		
OPXMT80B	12-156B	982NY	A	(T,E)			OPXMT12A	05-072A	982TA	A	(E)			OPXMT12B	03-072B	982NY	A	(S,E)			OPXMT22A	05-062A	982TA	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	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5XP80B	PMR	+5	102		2/7		+5XP12A	PMR	+5	102		2/13		+5XP12B	PMR	+5	102		2/13		+5XP22A	PMR	+5	102		2/14	
GRD13156	GRD	GRD	002		2/7		GRD04072	GRD	GRD	002		2/13		GRD04072	GRD	GRD	002		2/13		GRD04062	GRD	GRD	002		2/14	
	GRD	GRD	008		2/7			GRD	GRD	008		2/13			GRD	GRD	008		2/13			GRD	GRD	008		2/14	
80XF0B	GRD	GRD	107		2/7	305	12XFOA	GRD	GRD	107		2/13	305	12XF0B	GRD	GRD	107		2/13	305	22XFOA	GRD	GRD	107		2/14	305
	0	FOOUT	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 14 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)			0	FOOUT	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 15 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)			0	FOOUT	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 16 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)			0	FOOUT	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 17 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	
80XMTB	I	XMIT	108		2/7		12XMTA	I	XMIT	108		2/13		12XMTB	I	XMIT	108		2/13		22XMTA	I	XMIT	108		2/14	
SYMBOL NO. 53 OPTIC RCV L18 SHELF 0 B LINK							SYMBOL NO. 55 OPTIC RCV L11 SHELF 2 A LINK							SYMBOL NO. 57 OPTIC RCV L11 SHELF 2 B LINK							SYMBOL NO. 59 OPTIC RCV L12 SHELF 2 A LINK						
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		
OPRCV80B	12-156A	982CG	A	(T,F)			OPRCV12A	05-072B	982CG	A	(F)			OPRCV12B	03-072A	982CG	A	(S,F)			OPRCV22A	05-062B	982CG	A	(F)		
OPRCV80B	12-156A	982NY	A	(T,E)			OPRCV12A	05-072B	982TA	A	(E)			OPRCV12B	03-072A	982NY	A	(S,E)			OPRCV22A	05-062B	982TA	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	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5CON80B	PMR	+5VCOND	109		2/7		+5CON12A	PMR	+5VCOND	109		2/13		+5CON12B	PMR	+5VCOND	109		2/13		+5CON22A	PMR	+5VCOND	109		2/14	
+5P80B	PMR	+5PMR	006		2/7		+5P12A	PMR	+5PMR	006		2/13		+5P12B	PMR	+5PMR	006		2/13		+5P22A	PMR	+5PMR	006		2/14	
-48P80B	PMR	-48PMR	004		2/7		-48P12A	PMR	-48PMR	004		2/13		-48P12B	PMR	-48PMR	004		2/13		-48P22A	PMR	-48PMR	004		2/14	
GRD13156	GRD	GRD	007		2/7		GRD04072	GRD	GRD	007		2/13		GRD04072	GRD	GRD	007		2/13		GRD04062	GRD	GRD	007		2/14	
	GRD	GRD	103		2/7			GRD	GRD	103		2/13			GRD	GRD	103		2/13			GRD	GRD	103		2/14	
	GRD	RECVR	107		2/7			GRD	RECVR	107		2/13			GRD	RECVR	107		2/13			GRD	RECVR	107		2/14	
80RCVB	0	RCV	108		2/7	305	12RCVA	0	RCV	108		2/13	305	12RCVB	0	RCV	108		2/13	305	22RCVA	0	RCV	108		2/14	305
80RF0B	I	FOIN	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 14 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)		12RF0A	I	FOIN	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 15 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)		12RF0B	I	FOIN	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 16 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)		22RF0A	I	FOIN	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 17 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	

PART OF FS 2
SYMBOL(S) 52 53 54 55 56 57 58 59

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TIME MULTIPLEXED SWITCH UNIT		ISSUE 68
AT&T BELL LABORATORIES	SD-50043-01	B2DD

PART OF FS 2
DATA

SYMBOL NO. 60 OPTIC XMIT L12 SHELF 2 B LINK							SYMBOL NO. 62 OPTIC XMIT L13 SHELF 2 A LINK							SYMBOL NO. 64 OPTIC XMIT L13 SHELF 2 B LINK							SYMBOL NO. 66 OPTIC XMIT L14 SHELF 2 A LINK						
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		
OPXMT22B	03-062B	982CF	A	(R,F)			OPXMT32A	05-052A	982CF	A	(F)			OPXMT32B	03-052B	982CF	A	(O,F)			OPXMT42A	05-042A	982CF	A	(F)		
OPXMT22B	03-062B	982MY	A	(R,E)			OPXMT32A	05-052A	982TA	A	(E)			OPXMT32B	03-052B	982MY	A	(O,E)			OPXMT42A	05-042A	982TA	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	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5XP22B	PWR	+5	102		2/14		+5XP32A	PWR	+5	102		2/15		+5XP32B	PWR	+5	102		2/15		+5XP42A	PWR	+5	102		2/16	
GRD04062	GRD	GRD	002		2/14		GRD04052	GRD	GRD	002		2/15		GRD04052	GRD	GRD	002		2/15		GRD04042	GRD	GRD	002		2/16	
	GRD	GRD	008		2/14			GRD	GRD	008		2/15			GRD	GRD	008		2/15			GRD	GRD	008		2/16	
22XF0B	GRD	GRD	FO		2/14	305	32XF0A	GRD	GRD	FO		2/15	305	32XF0B	GRD	GRD	FO		2/15	305	42XF0A	GRD	GRD	FO		2/16	305
	0	FOOUT	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 18 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)			0	FOOUT	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 19 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)			0	FOOUT	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 20 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)			0	FOOUT	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 21 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)	
22XMTB	I	XMIT	108		2/14		32XMTA	I	XMIT	108		2/15		32XMTB	I	XMIT	108		2/15		42XMTA	I	XMIT	108		2/16	
SYMBOL NO. 61 OPTIC RCV L12 SHELF 2 B LINK							SYMBOL NO. 63 OPTIC RCV L13 SHELF 2 A LINK							SYMBOL NO. 65 OPTIC RCV L13 SHELF 2 B LINK							SYMBOL NO. 67 OPTIC RCV L14 SHELF 2 A LINK						
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		
OPRCV22B	03-062A	982CG	A	(R,F)			OPRCV32A	05-052B	982CG	A	(F)			OPRCV32B	03-052A	982CG	A	(O,F)			OPRCV42A	05-042B	982CG	A	(F)		
OPRCV22B	03-062A	982MY	A	(R,E)			OPRCV32A	05-052B	982TA	A	(E)			OPRCV32B	03-052A	982MY	A	(O,E)			OPRCV42A	05-042B	982TA	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	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5CON22B	PWR	+5VCOND	109		2/14		+5CON32A	PWR	+5VCOND	109		2/15		+5CON32B	PWR	+5VCOND	109		2/15		+5CON42A	PWR	+5VCOND	109		2/16	
+5P22B	PWR	+5PWR	006		2/14		+5P32A	PWR	+5PWR	006		2/15		+5P32B	PWR	+5PWR	006		2/15		+5P42A	PWR	+5PWR	006		2/16	
+48P22B	PWR	+48PWR	004		2/14		+48P32A	PWR	+48PWR	004		2/15		+48P32B	PWR	+48PWR	004		2/15		+48P42A	PWR	+48PWR	004		2/16	
GRD04062	GRD	GRD	007		2/14		GRD04052	GRD	GRD	007		2/15		GRD04052	GRD	GRD	007		2/15		GRD04042	GRD	GRD	007		2/16	
	GRD	GRD	103		2/14			GRD	GRD	103		2/15			GRD	GRD	103		2/15			GRD	GRD	103		2/16	
	GRD	RECVR	107		2/14			GRD	RECVR	107		2/15			GRD	RECVR	107		2/15			GRD	RECVR	107		2/16	
22RCVB	0	RCV	FO		2/14	305	32RCVA	0	RCV	FO		2/15	305	32RCVB	0	RCV	FO		2/15	305	42RCVA	0	RCV	FO		2/16	305
	I	FOIN	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 18 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)			I	FOIN	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 19 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)			I	FOIN	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 20 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)			I	FOIN	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 21 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH)	

PART OF FS 2
SYMBOL(S) 60 61 62 63 64 65 66 67

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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE 12
AT&T BELL LABORATORIES		ISSUE 6B
SD-5D043-01		BZDE

PART OF FS 2
DATA

SYMBOL NO. 68 OPTIC XMIT L14 SHELF 2 B LINK							SYMBOL NO. 70 OPTIC XMIT L15 SHELF 2 A LINK							SYMBOL NO. 72 OPTIC XMIT L15 SHELF 2 B LINK							SYMBOL NO. 74 OPTIC XMIT L16 SHELF 2 A LINK						
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		
OPXMT42B	03-042B	982CF	A	(N,F)			OPXMT52A	05-126A	982CF	A	(F)			OPXMT52B	03-126B	982CF	A	(N,F)			OPXMT62A	05-136A	982CF	A	(F)		
OPXMT42B	03-042B	982NY	A	(N,E)			OPXMT52A	05-126A	982TA	A	(E)			OPXMT52B	03-126B	982NY	A	(N,E)			OPXMT62A	05-136A	982TA	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	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5XP42B	PHR	+5	102		2/16		+5XP52A	PHR	+5	102		2/17		+5XP52B	PHR	+5	102		2/17		+5XP62A	PHR	+5	102		2/18	
GRD04042	GRD	GRD	002		2/16		GRD04126	GRD	GRD	002		2/17		GRD04126	GRD	GRD	002		2/17		GRD04136	GRD	GRD	002		2/18	
	GRD	GRD	008		2/16			GRD	GRD	008		2/17			GRD	GRD	008		2/17			GRD	GRD	008		2/18	
42XF0B	GRD	GRD	107		2/16	305	52XF0A	GRD	GRD	107		2/17	305	52XF0B	GRD	GRD	107		2/17	305	62XF0A	GRD	GRD	107		2/18	305
	0	FOOUT	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 22 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (CRM)			0	FOOUT	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 23 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (CRM)			0	FOOUT	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 24 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (CRM)			0	FOOUT	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 25 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (CRM)	
42XMITB	I	XMIT	108		2/16		52XMITA	I	XMIT	108		2/17		52XMITB	I	XMIT	108		2/17		62XMITA	I	XMIT	108		2/18	
SYMBOL NO. 69 OPTIC RCV L14 SHELF 2 B LINK							SYMBOL NO. 71 OPTIC RCV L15 SHELF 2 A LINK							SYMBOL NO. 73 OPTIC RCV L15 SHELF 2 B LINK							SYMBOL NO. 75 OPTIC RCV L16 SHELF 2 A LINK						
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		
OPRCV42B	03-042A	982CG	A	(N,F)			OPRCV52A	05-126B	982CG	A	(F)			OPRCV52B	03-126A	982CG	A	(N,F)			OPRCV62A	05-136B	982CG	A	(F)		
OPRCV42B	03-042A	982NY	A	(N,E)			OPRCV52A	05-126B	982TA	A	(E)			OPRCV52B	03-126A	982NY	A	(N,E)			OPRCV62A	05-136B	982TA	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	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5CON42B	PHR	+5VCOND	109		2/16		+5CON52A	PHR	+5VCOND	109		2/17		+5CON52B	PHR	+5VCOND	109		2/17		+5CON62A	PHR	+5VCOND	109		2/18	
+5P42B	PHR	+5PMR	006		2/16		+5P52A	PHR	+5PMR	006		2/17		+5P52B	PHR	+5PMR	006		2/17		+5P62A	PHR	+5PMR	006		2/18	
-48P42B	PHR	-48PMR	004		2/16		-48P52A	PHR	-48PMR	004		2/17		-48P52B	PHR	-48PMR	004		2/17		-48P62A	PHR	-48PMR	004		2/18	
GRD04042	GRD	GRD	007		2/16		GRD04126	GRD	GRD	007		2/17		GRD04126	GRD	GRD	007		2/17		GRD04136	GRD	GRD	007		2/18	
	GRD	GRD	103		2/16			GRD	GRD	103		2/17			GRD	GRD	103		2/17			GRD	GRD	103		2/18	
	GRD	RECVR	107		2/16			GRD	RECVR	107		2/17			GRD	RECVR	107		2/17			GRD	RECVR	107		2/18	
42RCVB	0	RCV	108		2/16		52RCVA	0	RCV	108		2/17		52RCVB	0	RCV	108		2/17		62RCVA	0	RCV	108		2/18	
42RF0B	I	FOIN	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 22 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (CRM)	305	52RF0A	I	FOIN	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 23 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (CRM)	305	52RF0B	I	FOIN	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 24 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (CRM)	305	62RF0A	I	FOIN	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 25 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (CRM)	305

PART OF FS 2
SYMBOL(S) 68 69 70 71 72 73 74 75

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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE C
		ISSUE 6B
AT&T BELL LABORATORIES	SD-5D043-01	B2DF

PART OF FS 2
DATA

SYMBOL NO. 84
OPTIC XMIT LIS SHELF 2 B LINK

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
OPXMT82B	03-156B	982CF	A	(G,F)
OPXMT82B	03-156B	982WY	A	(G,E)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5XP82B	PWR	+5	102		2/20	
GRD04156	GRD	GRD	002		2/20	
	GRD	GRD	008		2/20	
82XF0B	GRD	GRD	107		2/20	
	0	FOOUT	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 30 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	305
82XMITB	1	XMIT	108		2/20	

SYMBOL NO. 85
OPTIC RCV LIS SHELF 2 B LINK

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
OPRCV82B	03-156A	982CG	A	(G,F)
OPRCV82B	03-156A	982WY	A	(G,E)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+5CON82B	PWR	+5VCOND	109		2/20	
+5P82B	PWR	+5PWR	006		2/20	
-48P82B	PWR	-48PWR	004		2/20	
GRD04156	GRD	GRD	007		2/20	
	GRD	GRD	103		2/20	
	GRD	RECVRET	107		2/20	
82RCVB	0	RCV	108		2/20	
82RF0B	1	FOIN	FO		TO TIME SLOT INTERCHANGER UNIT MODULE 30 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	305

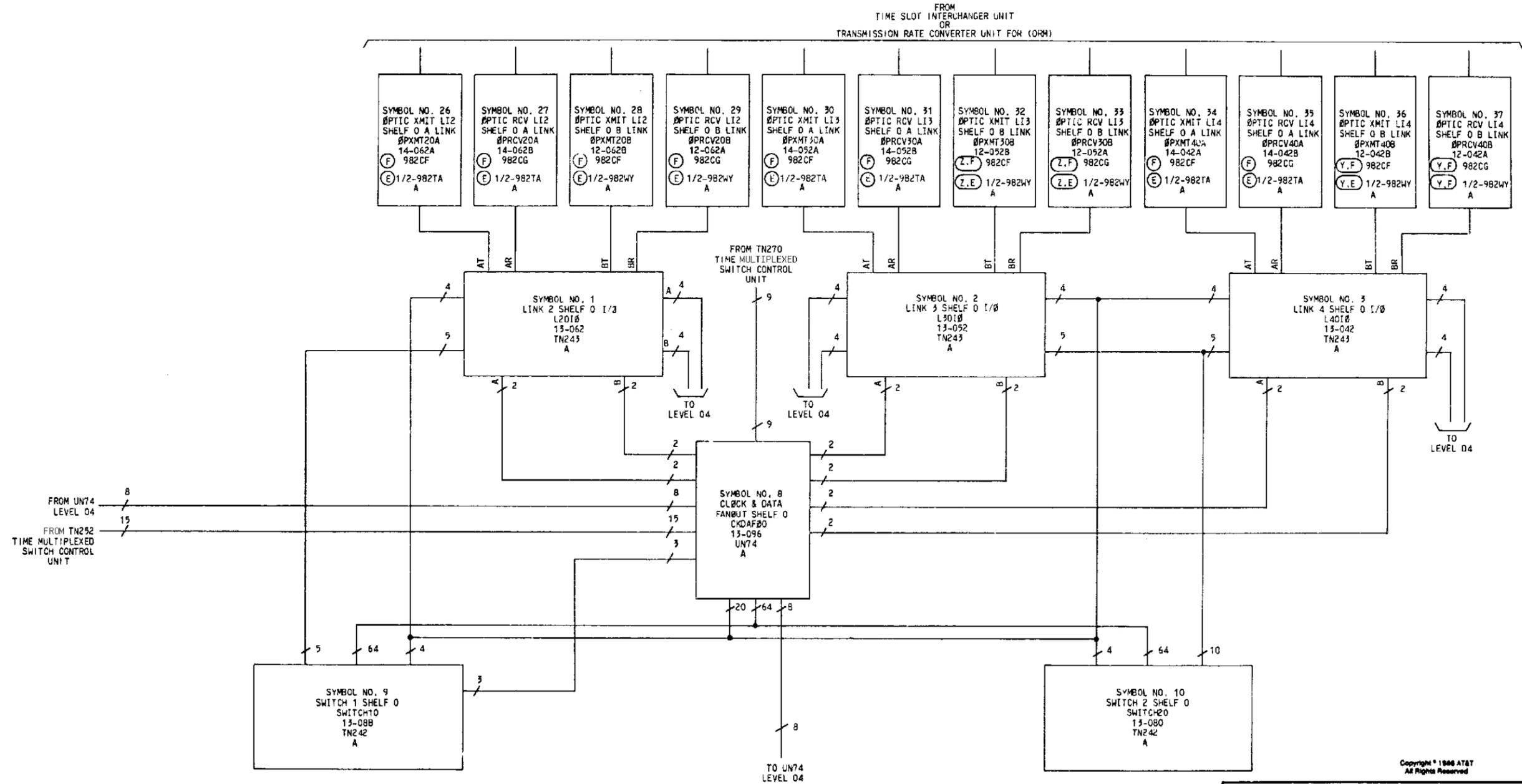
PART OF FS 2
SYMBOL(S) 84 85

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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE C
		ISSUE 6B
AT&T BELL LABORATORIES	SD-5D043-01	82DH

PART OF FS 2
DATA
COMPOSITE DIAGRAM 1

NOTES:

1. PRINTED WIRE GROUND IS NOT REPRESENTED.
2. SYMBOLS 9 & 10 HAVE A 32 X 4 SWITCH.



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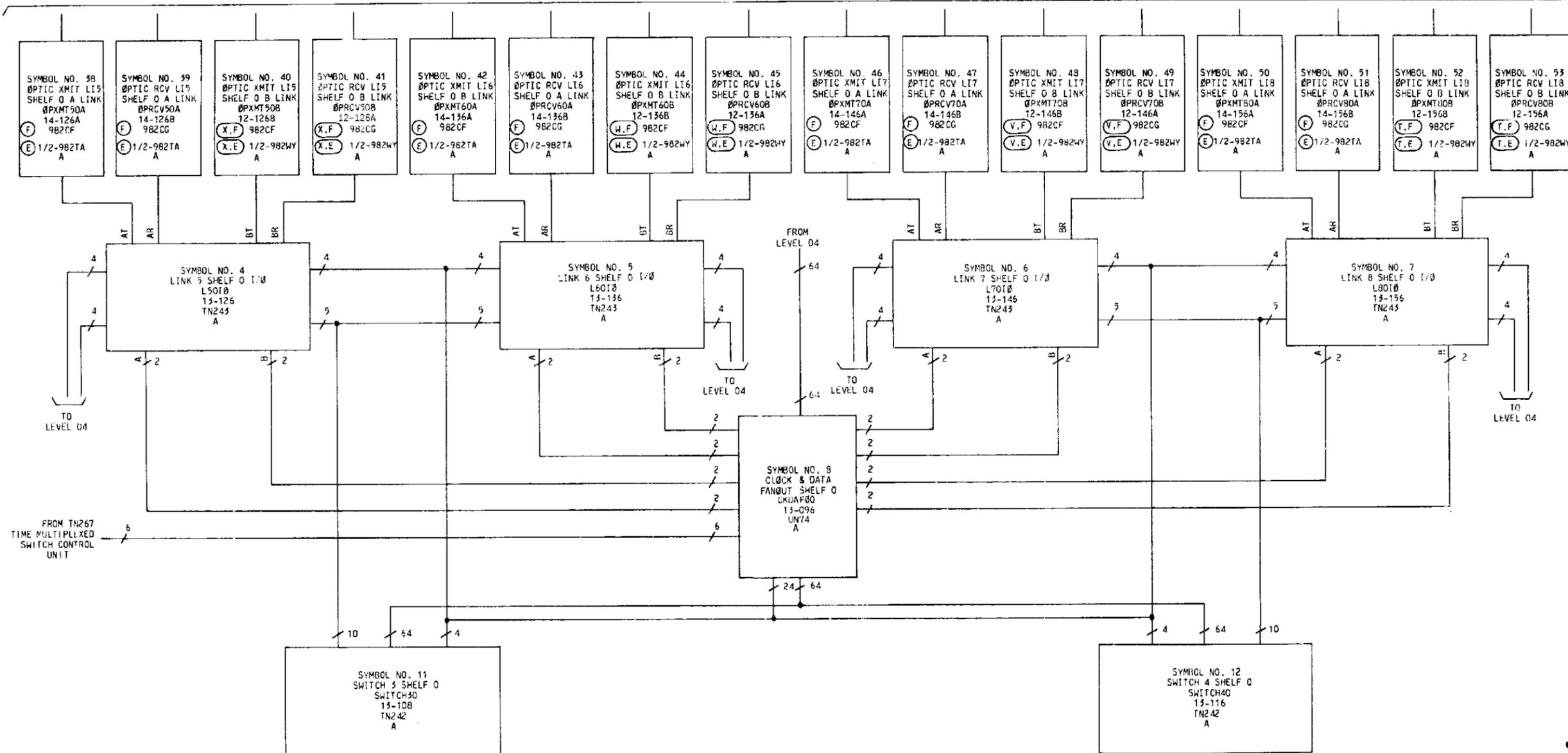
TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		68	6B
AT&T BELL LABORATORIES	SD-5D043-01	B2GA	

PART OF FS 2
DATA
COMPOSITE DIAGRAM 2

NOTES:

1. PRINTED WIRE GROUND IS NOT REPRESENTED.
2. SYMBOLS 11 & 12 HAVE A 32 X 4 SWITCH.

FROM
TIME SLOT INTERCHANGER UNIT
OR
TRANSMISSION RATE CONVERTER UNIT FOR (CRM)



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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		88	6B
AT&T BELL LABORATORIES	SD-50043-01	B2GB	

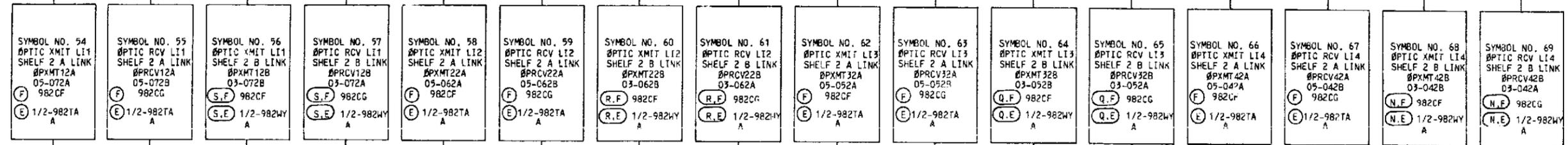
FORM 57-22

PART OF FS 2
DATA
COMPOSITE DIAGRAM 3

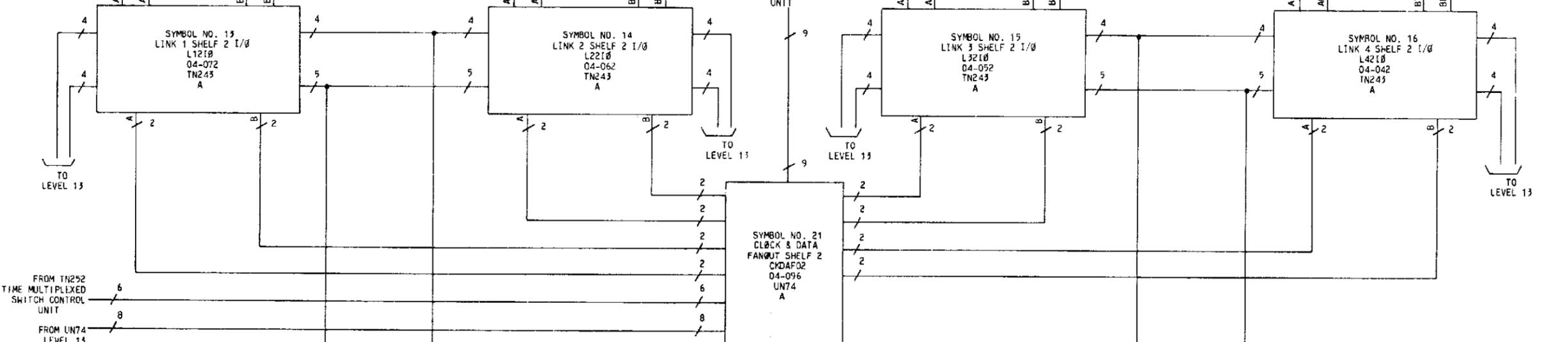
NOTES:

1. PRINTED WIRE GROUND IS NOT REPRESENTED.
2. SYMBOLS 22 & 23 HAVE A 32 X 4 SWITCH.

FROM
TIME SLOT INTERCHANGER UNIT
OR
TRANSMISSION RATE CONVERTER UNIT FOR 10RM

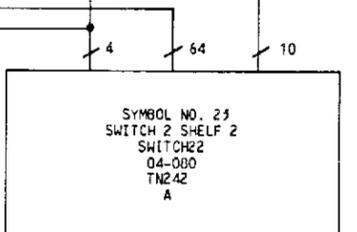
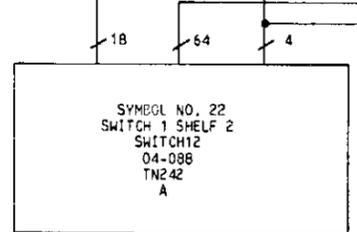


FROM TN270
TIME MULTIPLEXED
SWITCH CONTROL
UNIT



FROM TN252
TIME MULTIPLEXED
SWITCH CONTROL
UNIT

FROM UN74
LEVEL 13



TO UN74
LEVEL 13

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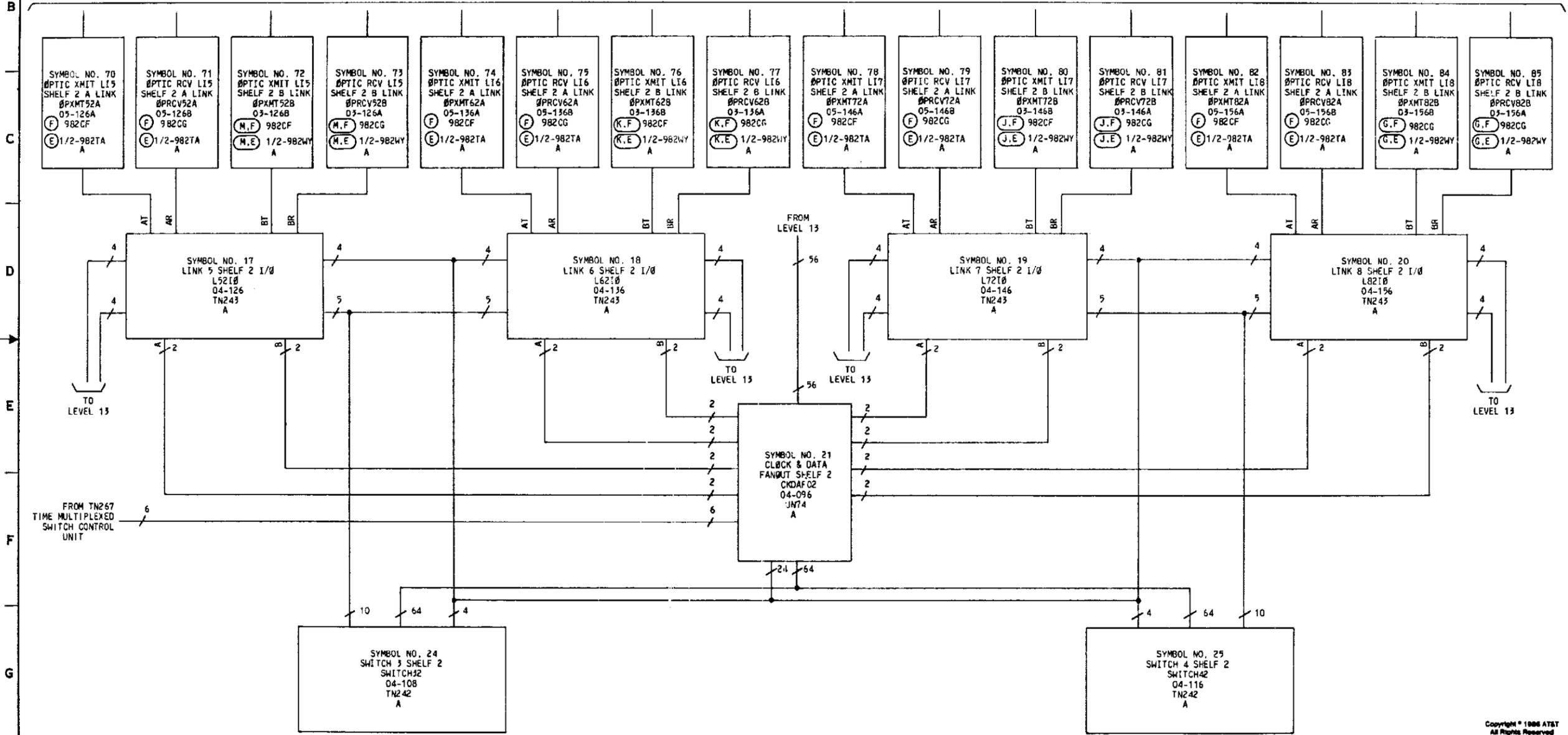
TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		18	6B
AT&T BELL LABORATORIES	SD-5D043-01	B2GC	

FORM 57-22

PART OF FS 2
DATA
COMPOSITE DIAGRAM 4

- NOTES:
1. PRINTED WIRE GROUND IS NOT REPRESENTED.
 2. SYMBOLS 24 & 25 HAVE A 32 X 4 SWITCH.

FROM
TIME SLOT INTERCHANGER UNIT
OR
TRANSMISSION RATE CONVERTER UNIT FOR (ORM)

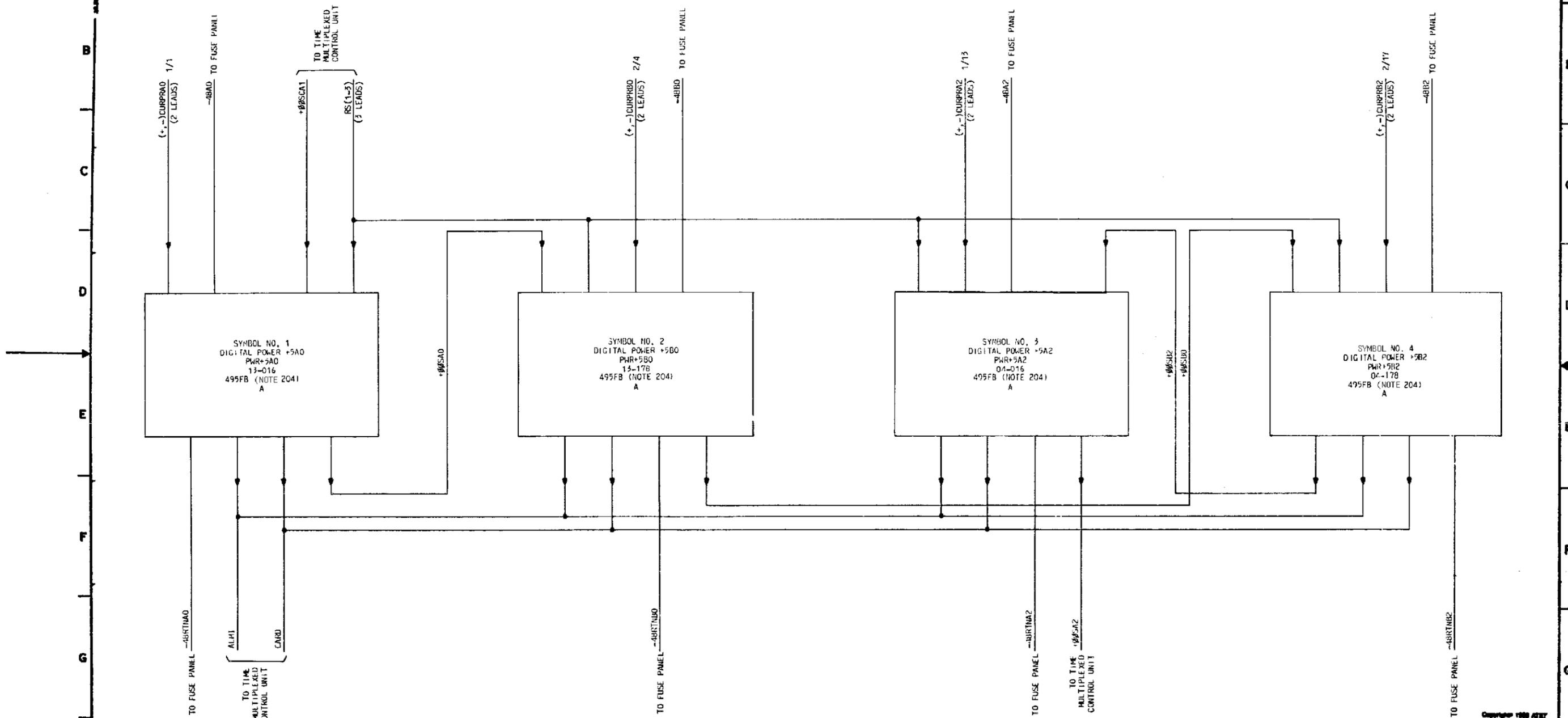


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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		88	6B
AT&T BELL LABORATORIES	SD-50043-01	B2GD	

Sheet 0200

PART OF FS 3
POWER
(P/O INTERCONNECTION & FLOW DIAGRAM)



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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		44	6B
AT&T BELL LABORATORIES	SD-5D043-01	B3AA	

PART OF FS 3
POWER

SYMBOL NO. 2
DIGITAL POWER +5B0

SYMBOL NO. 2 (CONT)
DIGITAL POWER +5B0

SYMBOL NO. 2 (CONT)
DIGITAL POWER +5B0

SYMBOL NO. 3 (CONT)
DIGITAL POWER +5A2

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
PHR-5B0	13-178	495FB	A	
PHR-5B0	13-178	495FB	A	
PHR-5B0	13-178	495FB	A	
PHR-5A2	04-016	495FB	A	
PHR-5A2	04-016	495FB	A	
PHR-5A2	04-016	495FB	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
CURPRB0	I	CP(+)	017		2/4	
DOSAO	I	OOS(-)	115		3/1	
DOSBO	O	OOS(+)	015		3/4	
5B0	PHR	VOUT1(+)	045		2/4	
	PHR	VOUT1(+)	046		2/4	
	PHR	VOUT1(+)	047		2/4	
	PHR	VOUT1(+)	048		2/4	
	PHR	VOUT1(+)	049		2/4	
	PHR	VOUT1(+)	050		2/4	
	PHR	VOUT1(+)	051		2/4	
	PHR	VOUT1(+)	052		2/4	
	PHR	VOUT1(+)	053		2/4	
	PHR	VOUT1(+)	054		2/4	
	PHR	VOUT1(+)	055		2/4	
	PHR	VOUT1(+)	056		2/4	
	PHR	VOUT1(+)	145		2/4	
	PHR	VOUT1(+)	146		2/4	
	PHR	VOUT1(+)	147		2/4	
	PHR	VOUT1(+)	148		2/4	
	PHR	VOUT1(+)	149		2/4	
	PHR	VOUT1(+)	150		2/4	
	PHR	VOUT1(+)	151		2/4	
	PHR	VOUT1(+)	152		2/4	
	PHR	VOUT1(+)	153		2/4	
	PHR	VOUT1(+)	154		2/4	
	PHR	VOUT1(+)	155		2/4	
	PHR	VOUT1(+)	156		2/4	
	PHR	VOUT1(+)	245		2/4	
	PHR	VOUT1(+)	246		2/4	
	PHR	VOUT1(+)	247		2/4	
	PHR	VOUT1(+)	248		2/4	
	PHR	VOUT1(+)	249		2/4	
	PHR	VOUT1(+)	250		2/4	
	PHR	VOUT1(+)	251		2/4	
	PHR	VOUT1(+)	252		2/4	
	PHR	VOUT1(+)	253		2/4	
	PHR	VOUT1(+)	254		2/4	
	PHR	VOUT1(+)	255		2/4	
	PHR	VOUT1(+)	256		2/4	
	PHR	VOUT1(+)	345		2/4	
	PHR	VOUT1(+)	346		2/4	
	PHR	VOUT1(+)	347		2/4	
	PHR	VOUT1(+)	348		2/4	
	PHR	VOUT1(+)	349		2/4	
	PHR	VOUT1(+)	350		2/4	
	PHR	VOUT1(+)	351		2/4	
	PHR	VOUT1(+)	352		2/4	
	PHR	VOUT1(+)	353		2/4	
	PHR	VOUT1(+)	354		2/4	
	PHR	VOUT1(+)	355		2/4	
	PHR	VOUT1(+)	356		2/4	
	I	S(+)	018		2/4	
	I	CP(-)	117		2/4	
	PHR	VIN(-)	006		TO FUSE PANEL	
	PHR	VIN(-)	007			
	PHR	VIN(-)	008			
	PHR	VIN(-)	106			
	PHR	VIN(-)	107			
	PHR	VIN(-)	108			
	PHR	VIN(-)	206			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
PHR	VIN(-)		207			
PHR	VIN(-)		208			
PHR	VIN(-)		306			
PHR	VIN(-)		307			
PHR	VIN(-)		308			
GRD	VIN(+)		003		TO FUSE PANEL	
GRD	VIN(-)		004			
GRD	VIN(-)		005			
GRD	VIN(+)		102			
GRD	VIN(+)		103			
GRD	VIN(+)		104			
GRD	VIN(+)		203			
GRD	VIN(+)		204			
GRD	VIN(+)		205			
GRD	VIN(+)		302			
GRD	VIN(+)		303			
GRD	VIN(+)		304			
OT	ALM1		014		3/1	
OT	ALM1		113		3/1	
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			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
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			
I	S(+)		019		1/1	
I	S(+)		118		1/1	
I	RS3		309		1/1	
I	RS3		310		1/1	
I	RS1		011		3/1	
I	RS2		110		3/1	
I	RS3		109		3/1	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
PHR-5A2	04-016	495FB	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
CURPRAZ	I	CP(+)	017		1/13	
OOSAZ	O	OOS(+)	015		TO TIME MULTIPLEXED CONTROL UNIT	
OOSB2	I	OOS(-)	115		3/4	
5A2	PHR	VOUT1(+)	045		1/13	
	PHR	VOUT1(+)	046		1/13	
	PHR	VOUT1(+)	047		1/13	
	PHR	VOUT1(+)	048		1/13	
	PHR	VOUT1(+)	049		1/13	
	PHR	VOUT1(+)	050		1/13	
	PHR	VOUT1(+)	051		1/13	
	PHR	VOUT1(+)	052		1/13	
	PHR	VOUT1(+)	053		1/13	
	PHR	VOUT1(+)	054		1/13	
	PHR	VOUT1(+)	055		1/13	
	PHR	VOUT1(+)	056		1/13	
	PHR	VOUT1(+)	145		1/13	
	PHR	VOUT1(+)	146		1/13	
	PHR	VOUT1(+)	147		1/13	
	PHR	VOUT1(+)	148		1/13	
	PHR	VOUT1(+)	149		1/13	
	PHR	VOUT1(+)	150		1/13	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
PHR	VOUT1(+)		151		1/13	
PHR	VOUT1(+)		152		1/13	
PHR	VOUT1(+)		153		1/13	
PHR	VOUT1(+)		154		1/13	
PHR	VOUT1(+)		155		1/13	
PHR	VOUT1(+)		156		1/13	
PHR	VOUT1(+)		245		1/13	
PHR	VOUT1(+)		246		1/13	
PHR	VOUT1(+)		247		1/13	
PHR	VOUT1(+)		248		1/13	
PHR	VOUT1(+)		249		1/13	
PHR	VOUT1(+)		250		1/13	
PHR	VOUT1(+)		251		1/13	
PHR	VOUT1(+)		252		1/13	
PHR	VOUT1(+)		253		1/13	
PHR	VOUT1(+)		254		1/13	
PHR	VOUT1(+)		255		1/13	
PHR	VOUT1(+)		256		1/13	
PHR	VOUT1(+)		345		1/13	
PHR	VOUT1(+)		346		1/13	
PHR	VOUT1(+)		347		1/13	
PHR	VOUT1(+)		348		1/13	
PHR	VOUT1(+)		349		1/13	
PHR	VOUT1(+)		350		1/13	
PHR	VOUT1(+)		351		1/13	
PHR	VOUT1(+)		352		1/13	
PHR	VOUT1(+)		353		1/13	
PHR	VOUT1(+)		354		1/13	
PHR	VOUT1(+)		355		1/13	
PHR	VOUT1(+)		356		1/13	
I	S(+)		018		1/13	
I	CP(-)		117		1/13	
PHR	VIN(-)		006		TO FUSE PANEL	
PHR	VIN(-)		007			
PHR	VIN(-)		008			
PHR	VIN(-)		106			
PHR	VIN(-)		107			

PART OF FS 3
POWER

SYMBOL NO. 3 (CONT)
DIGITAL POWER +5A2

SYMBOL NO. 3 (CONT)
DIGITAL POWER +5A2

SYMBOL NO. 4 (CONT)
DIGITAL POWER +5B2

SYMBOL NO. 4 (CONT)
DIGITAL POWER +5B2

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
PWR+5A2	04-016	495FB	A	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
PWR+5A2	04-016	495FB	A	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
PWR+5B2	04-178	495FB	A	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
PWR+5B2	04-178	495FB	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	VIN(+)	203			
	GRD	VIN(+)	204			
	GRD	VIN(+)	205			
	GRD	VIN(+)	302			
	GRD	VIN(+)	303			
	GRD	VIN(+)	304			
ALM1	OT	ALM2	014		3/1	
CARD GRD04016	OT	ALM1	113		3/1	
	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			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	VOUT1(-)	337			
	GRD	VOUT1(-)	338			
	GRD	VOUT1(-)	339			
	GRD	VOUT1(-)	340			
	GRD	VOUT1(-)	341			
	GRD	VOUT1(-)	342			
	GRD	VOUT1(-)	343			
NC	I	S(+)	019		1/1	
	I	S(+)	118		1/1	
	I	RS3	309		1/1	
	I	RS3	310		1/1	
RS1	I	RS1	011		3/1	
RS2	I	RS2	110		3/1	
RS3	I	RS3	109		3/1	

SYMBOL NO. 4
DIGITAL POWER +5B2

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
PWR+5B2	04-178	495FB	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	EP(+)	017		2/17	
+CURPRB2	I	DOS(+)	115		3/2	
+DOSB0	I	DOS(+)	015		3/3	
+DOSB2	O	DOS(+)	015		3/3	
+5B2	PWR	VOUT1(+)	045		2/17	
	PWR	VOUT1(+)	046		2/17	
	PWR	VOUT1(+)	047		2/17	
	PWR	VOUT1(+)	048		2/17	
	PWR	VOUT1(+)	049		2/17	
	PWR	VOUT1(+)	050		2/17	
	PWR	VOUT1(+)	051		2/17	
	PWR	VOUT1(+)	052		2/17	
	PWR	VOUT1(+)	053		2/17	
	PWR	VOUT1(+)	054		2/17	
	PWR	VOUT1(+)	055		2/17	
	PWR	VOUT1(+)	056		2/17	
	PWR	VOUT1(+)	145		2/17	
	PWR	VOUT1(+)	146		2/17	
	PWR	VOUT1(+)	147		2/17	
	PWR	VOUT1(+)	148		2/17	
	PWR	VOUT1(+)	149		2/17	
	PWR	VOUT1(+)	150		2/17	
	PWR	VOUT1(+)	151		2/17	
	PWR	VOUT1(+)	152		2/17	
	PWR	VOUT1(+)	153		2/17	
	PWR	VOUT1(+)	154		2/17	
	PWR	VOUT1(+)	155		2/17	
	PWR	VOUT1(+)	156		2/17	
	PWR	VOUT1(+)	245		2/17	
	PWR	VOUT1(+)	246		2/17	
	PWR	VOUT1(+)	247		2/17	
	PWR	VOUT1(+)	248		2/17	
	PWR	VOUT1(+)	249		2/17	
	PWR	VOUT1(+)	250		2/17	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	PWR	VOUT1(+)	251		2/17	
	PWR	VOUT1(+)	252		2/17	
	PWR	VOUT1(+)	253		2/17	
	PWR	VOUT1(+)	254		2/17	
	PWR	VOUT1(+)	255		2/17	
	PWR	VOUT1(+)	256		2/17	
	PWR	VOUT1(+)	345		2/17	
	PWR	VOUT1(+)	346		2/17	
	PWR	VOUT1(+)	347		2/17	
	PWR	VOUT1(+)	348		2/17	
	PWR	VOUT1(+)	349		2/17	
	PWR	VOUT1(+)	350		2/17	
	PWR	VOUT1(+)	351		2/17	
	PWR	VOUT1(+)	352		2/17	
	PWR	VOUT1(+)	353		2/17	
	PWR	VOUT1(+)	354		2/17	
	PWR	VOUT1(+)	355		2/17	
	PWR	VOUT1(+)	356		2/17	
	I	S(+)	018		2/17	
	I	CP(-)	117		2/17	
-CURPRB2	PWR	VIN(-)	006		TO FUSE PANEL	
-48B2	PWR	VIN(-)	007			
	PWR	VIN(-)	008			
	PWR	VIN(-)	106			
	PWR	VIN(-)	107			
	PWR	VIN(-)	188			
	PWR	VIN(-)	206			
	PWR	VIN(-)	207			
	PWR	VIN(-)	208			
	PWR	VIN(-)	306			
	PWR	VIN(-)	307			
	PWR	VIN(-)	308			
-48RTNB2	GRD	VIN(+)	009		TO FUSE PANEL	
	GRD	VIN(+)	004			
	GRD	VIN(+)	005			
	GRD	VIN(+)	102			
	GRD	VIN(+)	103			
	GRD	VIN(+)	104			
	GRD	VIN(+)	203			
	GRD	VIN(+)	204			
	GRD	VIN(+)	205			
	GRD	VIN(+)	302			
	GRD	VIN(+)	303			
	GRD	VIN(+)	304			
ALM1	OT	ALM2	014		3/1	
CARD GRD04178	OT	ALM1	113		3/1	
	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			

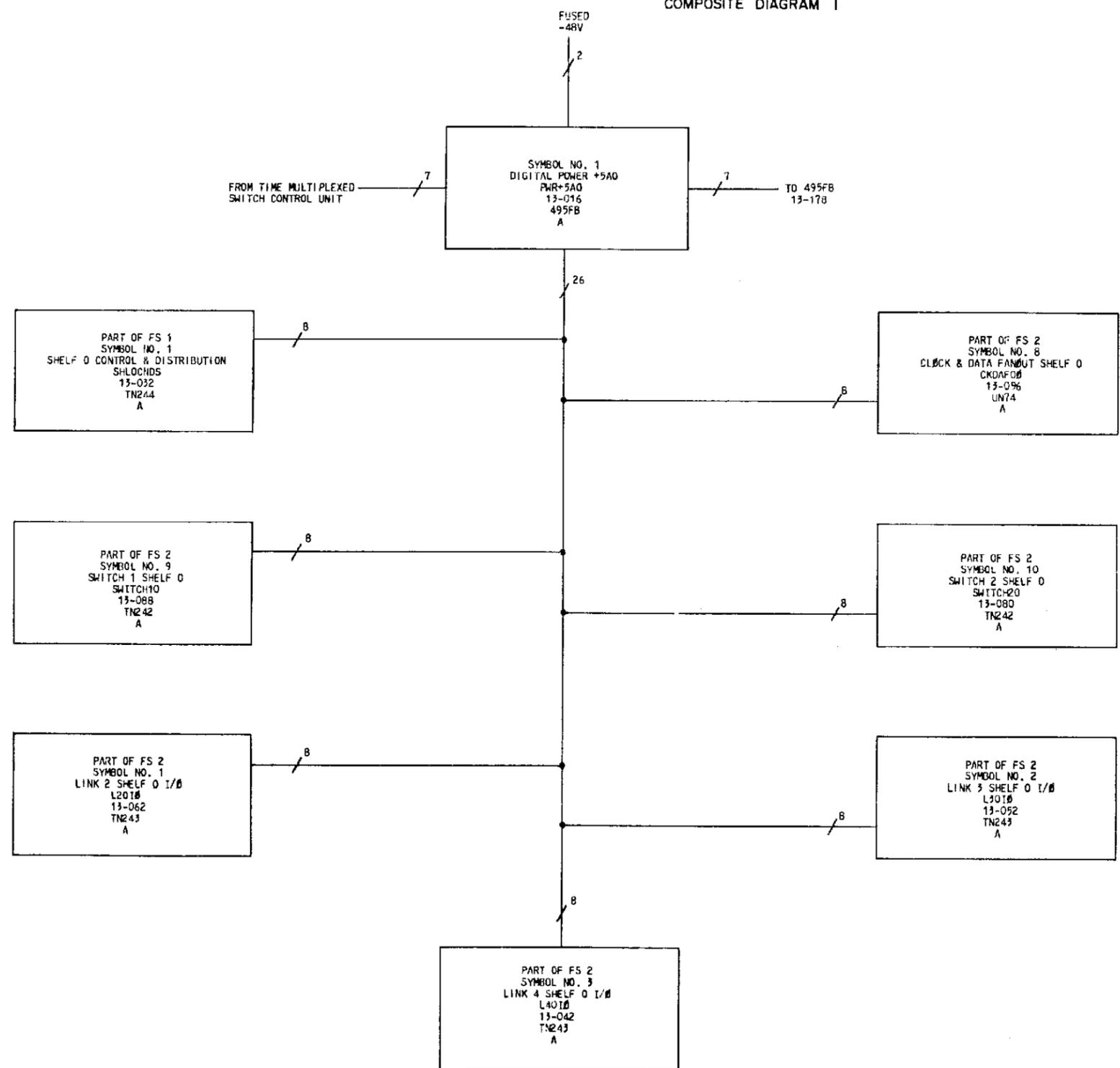
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	VOUT1(-)	043			
	GRD	FRGRD	100			
	GRD	FRGRD	101			
	GRD	VOUT1(-)	132			
	GRD	VOUT1(-)	133			
	GRD	VOUT1(-)	134			
	GRD	VOUT1(-)	135			
	GRD	VOUT1(-)	136			
	GRD	VOUT1(-)	137			
	GRD	VOUT1(-)	138			
	GRD	VOUT1(-)	139			
	GRD	VOUT1(-)	140			
	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			
NC	I	S(+)	019		1/1	
	I	S(+)	118		1/1	
	I	NC	309		1/1	
	I	NC	310		1/1	
RS1	I	RS1	011		3/1	
RS2	I	RS2	110		3/1	
RS3	I	RS3	109		3/1	

PART OF FS 3
SYMBOL(S) 3 4

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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE C2
AT&T BELL LABORATORIES		ISSUE 6B
SD-50043-01		B3CC

PART OF FS 3
POWER
COMPOSITE DIAGRAM 1

- NOTES:
1. PRINTED WIRE GROUND IS NOT REPRESENTED.
2. FS 2, SYMBOLS 9 & 10 HAVE A 32 X 4 SWITCH.



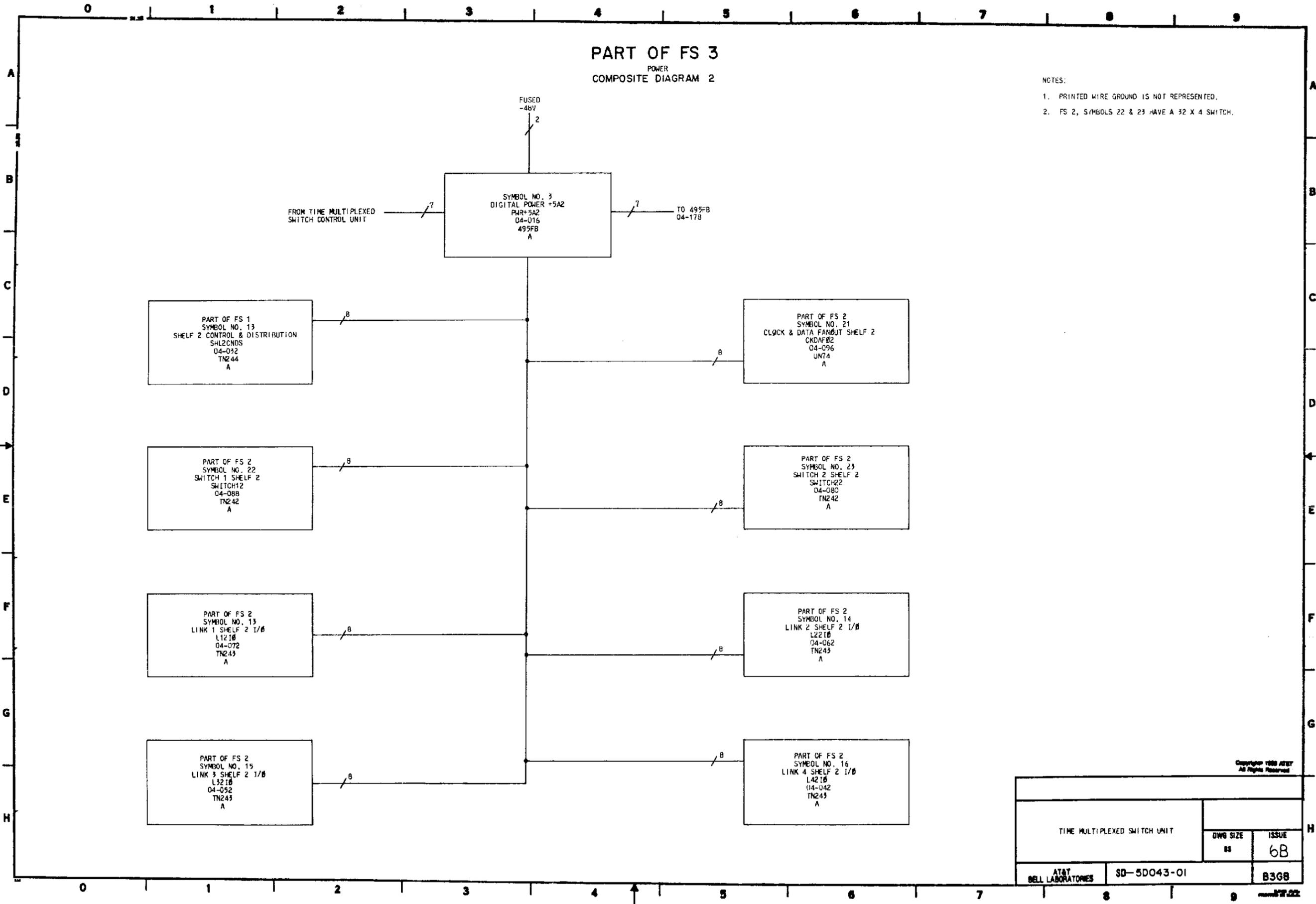
TIME MULTIPLEXED SWITCH UNIT		
DWG SIZE	ISSUE	
48	6B	
AT&T BELL LABORATORIES	SD-50043-01	B3GA

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PART OF FS 3
POWER
COMPOSITE DIAGRAM 2

NOTES:

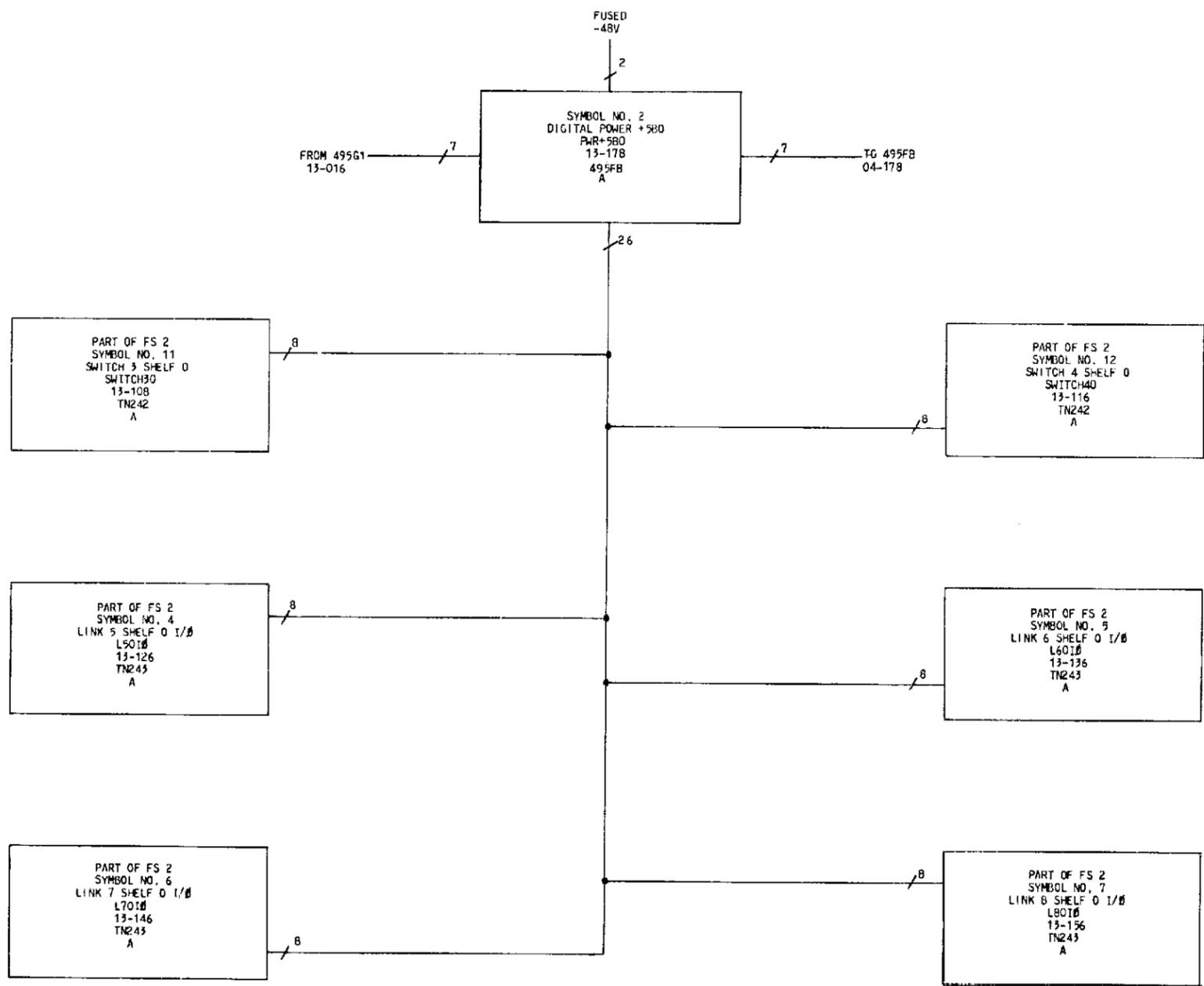
1. PRINTED WIRE GROUND IS NOT REPRESENTED.
2. FS 2, SYMBOLS 22 & 23 HAVE A 32 X 4 SWITCH.



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TIME MULTIPLEXED SWITCH UNIT	DWG SIZE	ISSUE
	88	6B
AT&T BELL LABORATORIES	SD-50043-01	B3GB

PART OF FS 3
POWER
COMPOSITE DIAGRAM 3

- NOTES:
1. PRINTED WIRE GROUND IS NOT REPRESENTED.
2. FS 2, SYMBOLS 11 & 12 HAVE A 32 X 4 SWITCH.



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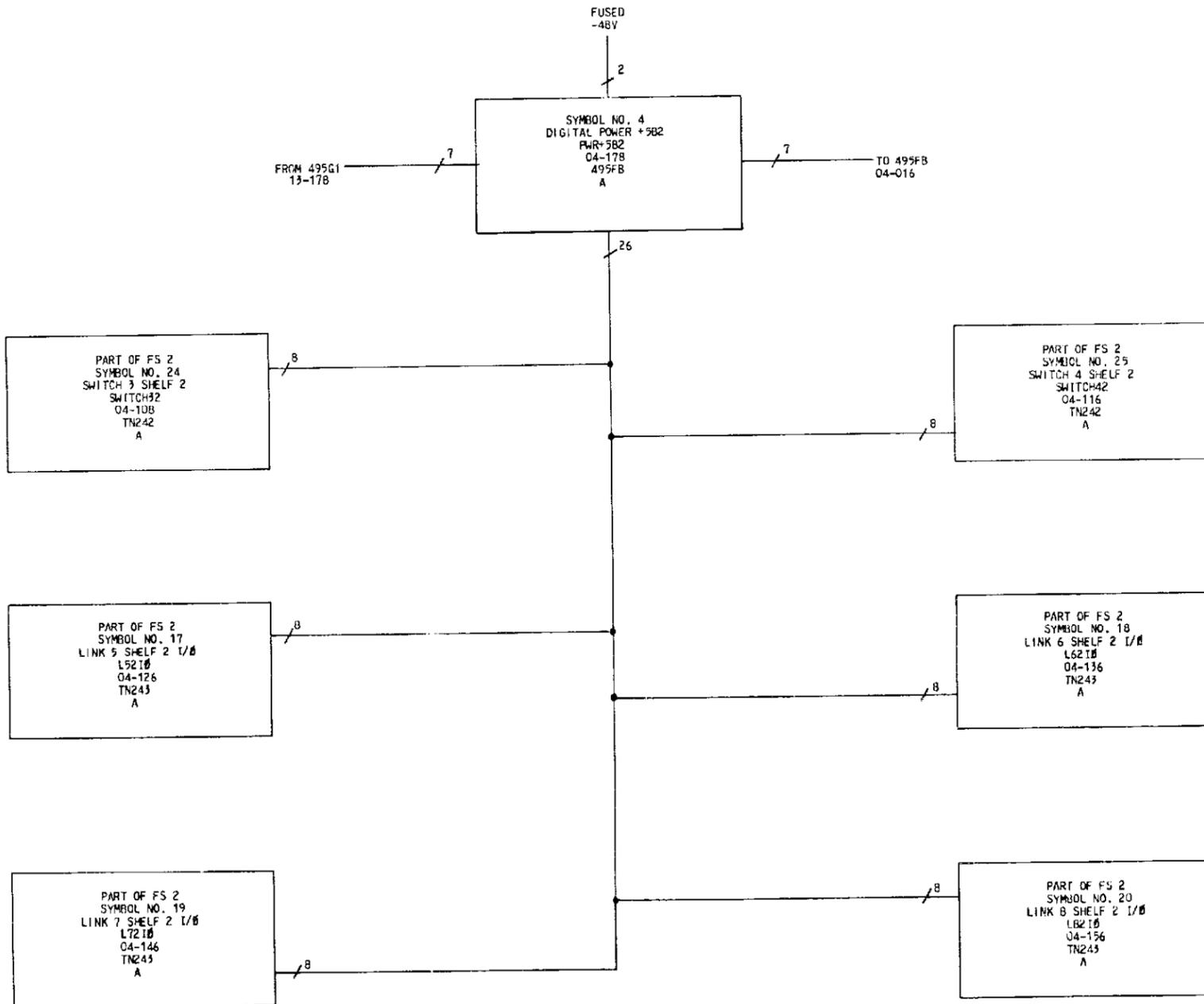
TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		14	6B
AT&T BELL LABORATORIES	SD-5043-01	B3GC	

1/7/88

PART OF FS 3
POWER
COMPOSITE DIAGRAM 4

NOTES:

1. PRINTED WIRE GROUND IS NOT REPRESENTED.
2. FS 2, SYMBOLS 24 & 25 HAVE A 32 X 4 SWITCH.



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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		88	6B
AT&T BELL LABORATORIES	SD-5D043-01	B3GD	

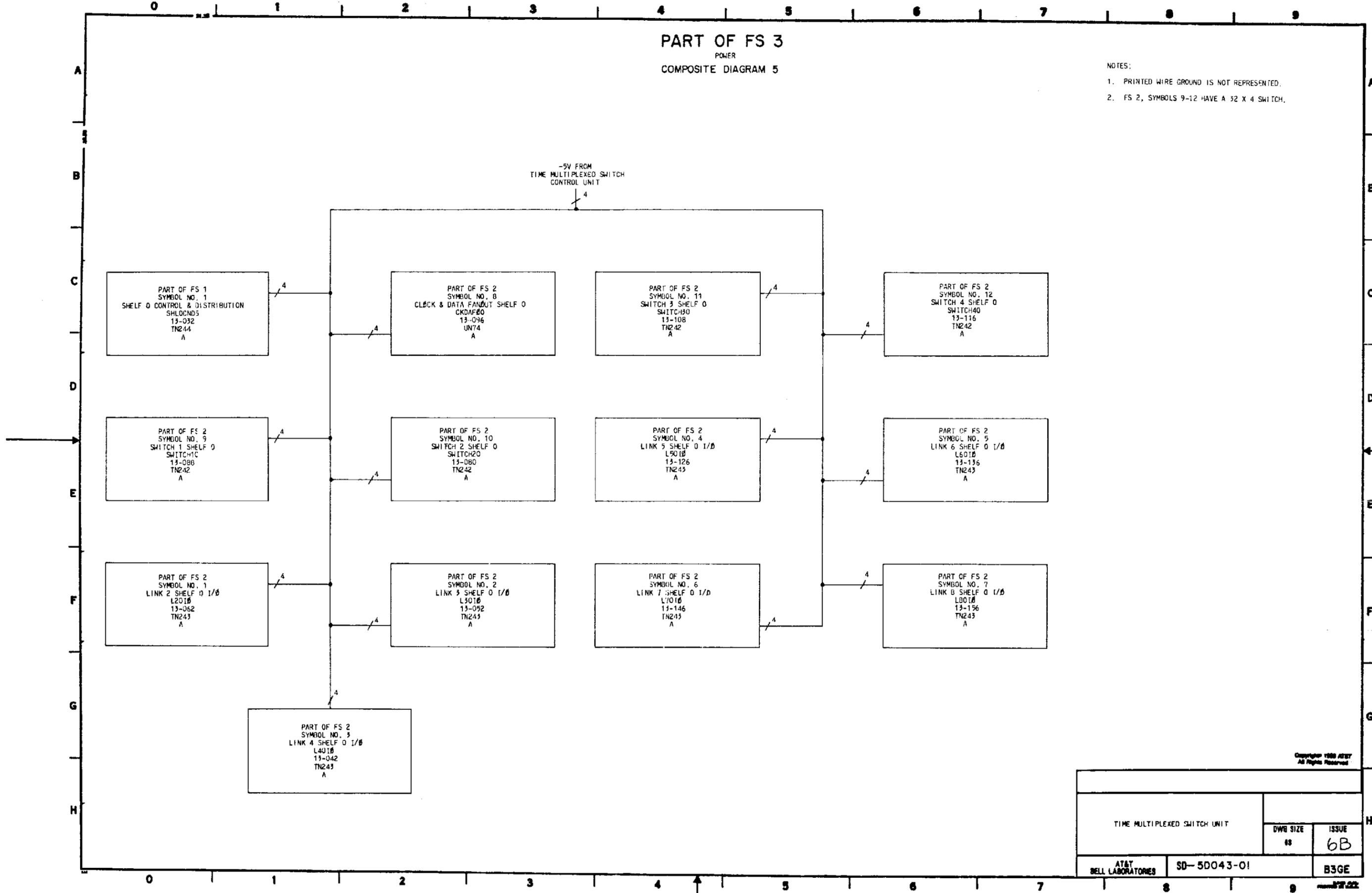
PART OF FS 3

POWER

COMPOSITE DIAGRAM 5

NOTES:

1. PRINTED WIRE GROUND IS NOT REPRESENTED.
2. FS 2, SYMBOLS 9-12 HAVE A 32 X 4 SWITCH.



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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		68	6B
AT&T BELL LABORATORIES	SD-50043-01	B3GE	

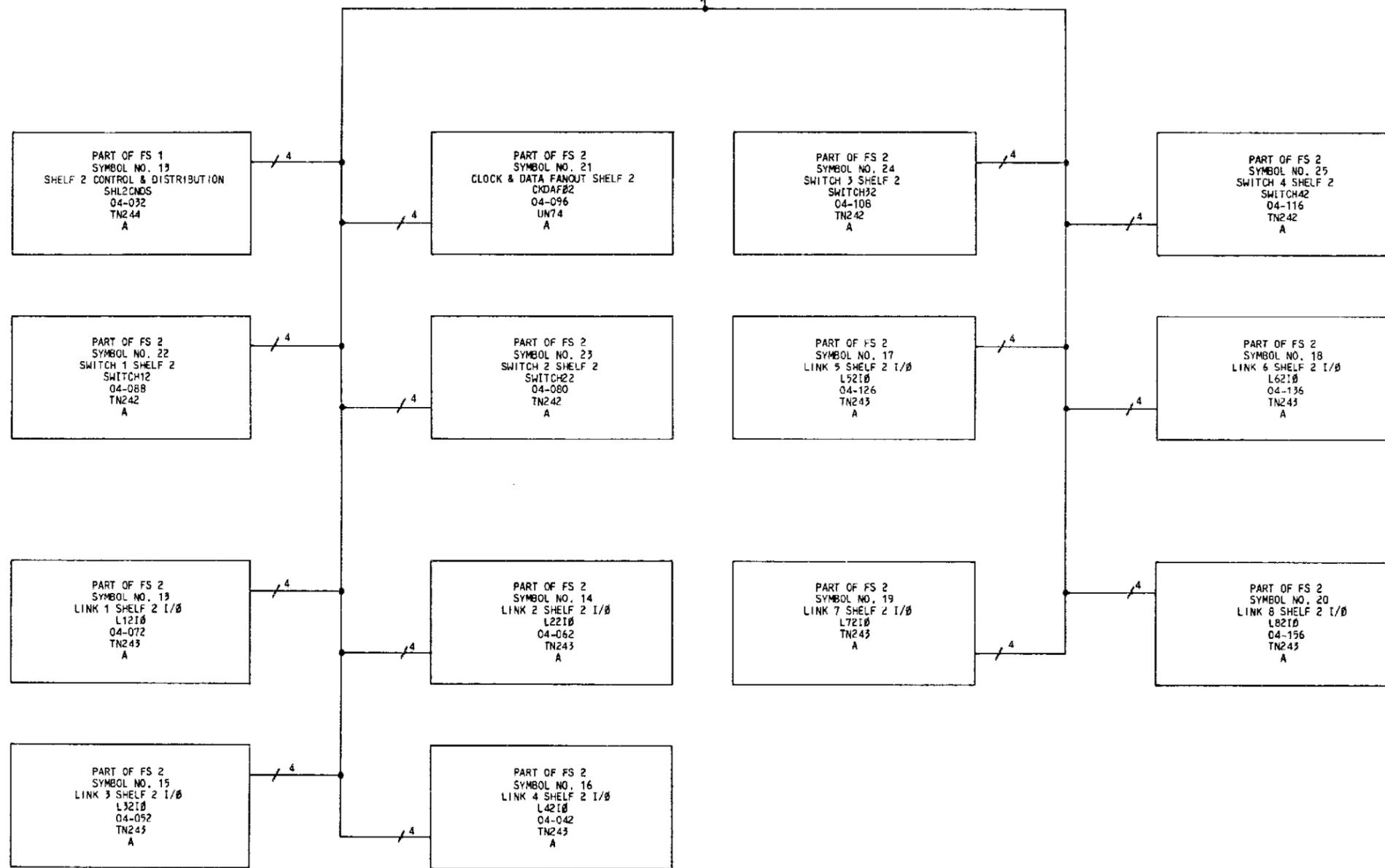
11/82

PART OF FS 3
POWER
COMPOSITE DIAGRAM 6

-5V FROM
TIME MULTIPLEXED SWITCH
CONTROL UNIT

NOTES:

1. PRINTED WIRE GROUND IS NOT REPRESENTED.
2. FS 2, SYMBOLS 22-25 HAVE A 32 X 4 SWITCH.



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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		43	6B
AT&T BELL LABORATORIES	SD-50043-01	B3GF	

FORM 57-22

APP FIG. 1

WIRING AS PER FS 1-3.

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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
AT&T BELL LABORATORIES		85	6B
SD-50043-01		CI	

57.22

APP FIG. 2

CIRCUIT PACK										
EDPT LOC	DESIG	CODE	OPTION	ELEM IDENT	CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
13-032	SHL3CND5	TN244				13-062		TN243		
						13-088		TN242		
						13-096	CKDAF00	UN74		
EDPT LOC	DESIG	CODE	OPTION	ELEM IDENT	CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A						L2010	2/1	SWITCH10	2/9	2/8
B						L20CNTRL	1/6	SW10CNTRL	1/2	

CONVERTER			
OPTION	DESIG	FS/SYM	CODE
	PNR-5A0	3/1	495FB

FIBOPT REC			
OPTION	DESIG	FS/SYM	CODE
E	DPRCV20A	2/27	982TA
F	DPRCV20A	2/27	982CG
E	DPRCV20B	2/29	982WY
F	DPRCV20B	2/29	982CG

FIBOPT XMIT			
OPTION	DESIG	FS/SYM	CODE
F	DPXMT20A	2/26	982CF
E	DPXMT20A	2/26	982TA
E	DPXMT20B	2/28	982WY
F	DPXMT20B	2/28	982CF

APP FIG. 3

CIRCUIT PACK					
EDPT LOC	DESIG	CODE	OPTION	ELEM IDENT	CKT
13-052	TN243				
EDPT LOC	DESIG	CODE	OPTION	ELEM IDENT	CKT
A	L3010	2/2			A
B	L30CNTRL	1/7			B

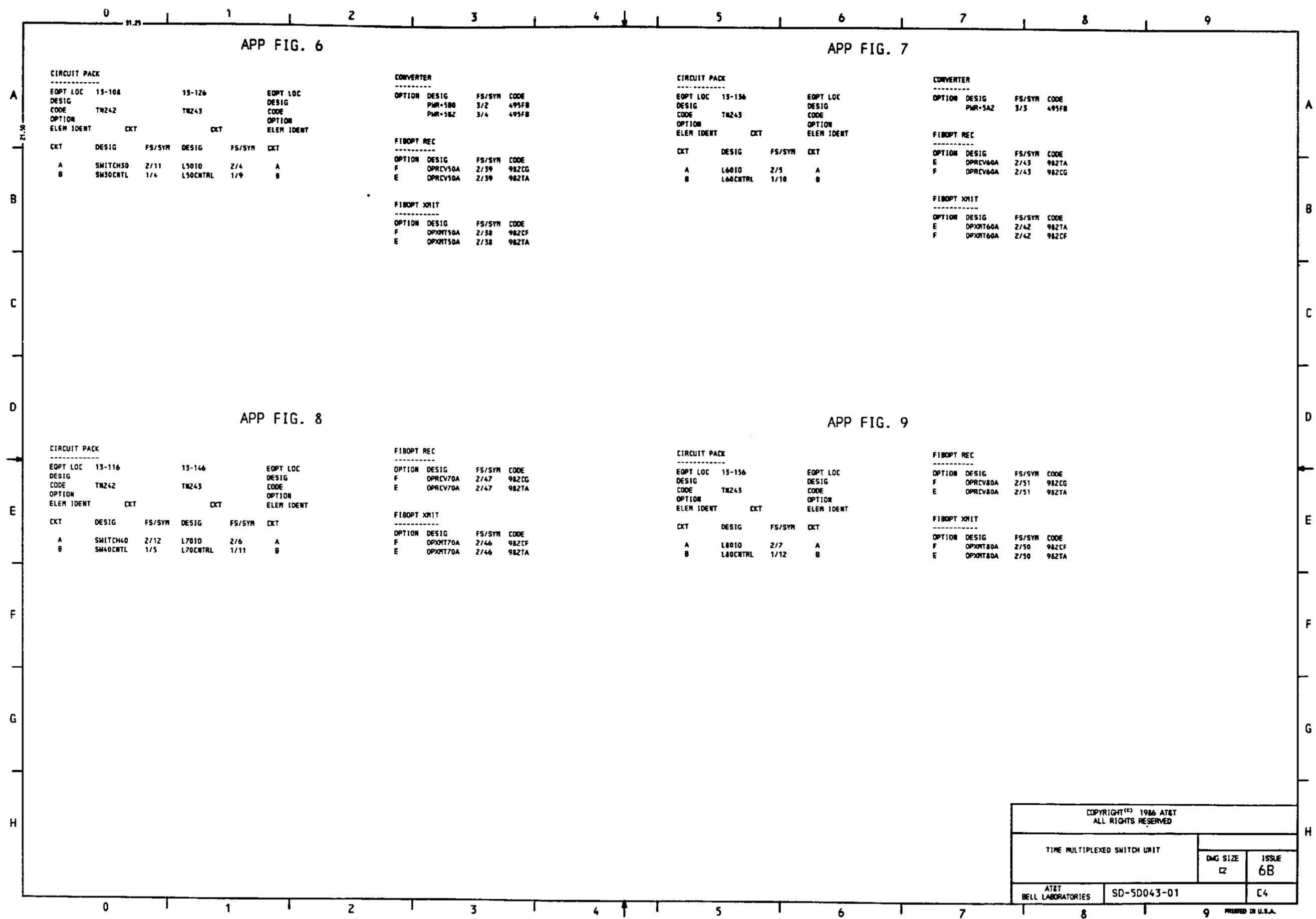
FIBOPT REC			
OPTION	DESIG	FS/SYM	CODE
F	OPRCV30A	2/31	982CG
E	OPRCV30A	2/31	982TA

FIBOPT XMIT			
OPTION	DESIG	FS/SYM	CODE
F	OPXMT30A	2/30	982CF
E	OPXMT30A	2/30	982TA

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TIME MULTIPLEXED SWITCH UNIT	DWG SIZE C2	ISSUE 6B
AT&T BELL LABORATORIES	SD-5D043-01	C2

FORM 202



APP FIG. 6

CIRCUIT PACK					
EDPT LOC	13-104		13-126		EDPT LOC
DESIG	TN242		TN243		DESIG
CODE	TN242		TN243		CODE
OPTION					OPTION
ELEM IDENT	CKT		CKT		ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A	SWITCH30	2/11	L3010	2/4	A
B	SW30CNTRL	1/4	L30CNTRL	1/9	B

CONVERTER			
OPTION	DESIG	FS/SYM	CODE
	PMR-5B0	3/2	495FB
	PMR-5B2	3/4	495FB

FIBOPT REC			
OPTION	DESIG	FS/SYM	CODE
F	OPRCV50A	2/39	982CG
E	OPRCV50A	2/39	982TA

FIBOPT XMIT			
OPTION	DESIG	FS/SYM	CODE
F	OPXMT50A	2/38	982CF
E	OPXMT50A	2/38	982TA

APP FIG. 7

CIRCUIT PACK					
EDPT LOC	13-136		EDPT LOC		EDPT LOC
DESIG	TN243		DESIG		DESIG
CODE	TN243		CODE		CODE
OPTION			OPTION		OPTION
ELEM IDENT	CKT		ELEM IDENT		ELEM IDENT
CKT	DESIG	FS/SYM	CKT	DESIG	FS/SYM
A	L6010	2/5	A	L6010	2/5
B	L60CNTRL	1/10	B	L60CNTRL	1/10

CONVERTER			
OPTION	DESIG	FS/SYM	CODE
	PMR-5A2	3/3	495FB

FIBOPT REC			
OPTION	DESIG	FS/SYM	CODE
E	OPRCV60A	2/43	982TA
F	OPRCV60A	2/43	982CG

FIBOPT XMIT			
OPTION	DESIG	FS/SYM	CODE
E	OPXMT60A	2/42	982TA
F	OPXMT60A	2/42	982CF

APP FIG. 8

CIRCUIT PACK					
EDPT LOC	13-116		13-146		EDPT LOC
DESIG	TN242		TN243		DESIG
CODE	TN242		TN243		CODE
OPTION					OPTION
ELEM IDENT	CKT		CKT		ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A	SWITCH40	2/12	L7010	2/6	A
B	SW40CNTRL	1/5	L70CNTRL	1/11	B

FIBOPT REC			
OPTION	DESIG	FS/SYM	CODE
F	OPRCV70A	2/47	982CG
E	OPRCV70A	2/47	982TA

FIBOPT XMIT			
OPTION	DESIG	FS/SYM	CODE
F	OPXMT70A	2/46	982CF
E	OPXMT70A	2/46	982TA

APP FIG. 9

CIRCUIT PACK					
EDPT LOC	13-156		EDPT LOC		EDPT LOC
DESIG	TN243		DESIG		DESIG
CODE	TN243		CODE		CODE
OPTION			OPTION		OPTION
ELEM IDENT	CKT		ELEM IDENT		ELEM IDENT
CKT	DESIG	FS/SYM	CKT	DESIG	FS/SYM
A	L8010	2/7	A	L8010	2/7
B	L80CNTRL	1/12	B	L80CNTRL	1/12

FIBOPT REC			
OPTION	DESIG	FS/SYM	CODE
F	OPRCV80A	2/51	982CG
E	OPRCV80A	2/51	982TA

FIBOPT XMIT			
OPTION	DESIG	FS/SYM	CODE
F	OPXMT80A	2/50	982CF
E	OPXMT80A	2/50	982TA

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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE C2
AT&T BELL LABORATORIES		ISSUE 6B
SD-5D043-01		C4

APP FIG. 10

CIRCUIT PACK

EOPT LOC	DESIG	CODE	OPTION	ELEM IDENT	CKT	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	CKT	
04-032	SHL2CNDS	TN244				04-072		04-088		04-096		CKDAFD2	UN74								

FIBOPT REC

OPTION	DESIG	FS/SYM	CODE
F	OPRCV12A	2/55	982CG
E	OPRCV12A	2/55	982TA

FIBOPT XMIT

OPTION	DESIG	FS/SYM	CODE
F	OPXMT12A	2/54	982CF
E	OPXMT12A	2/54	982TA

APP FIG. 11

CIRCUIT PACK

EOPT LOC	DESIG	CODE	OPTION	ELEM IDENT	CKT	DESIG	FS/SYM	CKT													
04-062	TN243																				

FIBOPT REC

OPTION	DESIG	FS/SYM	CODE
F	OPRCV22A	2/59	982CG
E	OPRCV22A	2/59	982TA

FIBOPT XMIT

OPTION	DESIG	FS/SYM	CODE
F	OPXMT22A	2/58	982CF
E	OPXMT22A	2/58	982TA

APP FIG. 12

CIRCUIT PACK

EOPT LOC	DESIG	CODE	OPTION	ELEM IDENT	CKT	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	CKT	
04-052	TN243					04-080															

FIBOPT REC

OPTION	DESIG	FS/SYM	CODE
F	OPRCV32A	2/63	982CG
E	OPRCV32A	2/63	982TA

FIBOPT XMIT

OPTION	DESIG	FS/SYM	CODE
F	OPXMT32A	2/62	982CF
E	OPXMT32A	2/62	982TA

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TIME MULTIPLEXED SWITCH UNIT

DWG SIZE
C2

ISSUE
6B

AT&T
BELL LABORATORIES

SD-50043-01

C5

APP FIG. 13

CIRCUIT PACK			
EOPT LOC	DESIG	FS/SYM	CKT
04-042	TN243		
OPTION			
ELEM IDENT			

EOPT LOC	DESIG	FS/SYM	CKT
A	L4210	2/16	A
B	L42CNTRL	1/21	B

FIBOPT REC			
OPTION	DESIG	FS/SYM	CODE
F	OPRCV42A	2/67	982CG
E	OPRCV42A	2/67	982TA

FIBOPT XMIT			
OPTION	DESIG	FS/SYM	CODE
F	OPXMT42A	2/66	982CF
E	OPXMT42A	2/66	982TA

APP FIG. 14

CIRCUIT PACK					
EOPT LOC	DESIG	FS/SYM	DESIG	FS/SYM	CKT
04-108	TN242		04-126	TN243	
OPTION					
ELEM IDENT					

CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A	SWITCH32	2/24	L5210	2/17	A
B	SW32CNTRL	1/16	L52CNTRL	1/22	B

FIBOPT REC			
OPTION	DESIG	FS/SYM	CODE
F	OPRCV52A	2/71	982CG
E	OPRCV52A	2/71	982TA

FIBOPT XMIT			
OPTION	DESIG	FS/SYM	CODE
F	DPXMT52A	2/70	982CF
E	DPXMT52A	2/70	982TA

APP FIG. 15

CIRCUIT PACK			
EOPT LOC	DESIG	FS/SYM	CKT
04-136	TN243		
OPTION			
ELEM IDENT			

EOPT LOC	DESIG	FS/SYM	CKT
A	L6210	2/18	A
B	L62CNTRL	1/23	B

FIBOPT REC			
OPTION	DESIG	FS/SYM	CODE
F	OPRCV62A	2/75	982CG
E	OPRCV62A	2/75	982TA

FIBOPT XMIT			
OPTION	DESIG	FS/SYM	CODE
F	OPXMT62A	2/74	982CF
E	OPXMT62A	2/74	982TA

APP FIG. 16

CIRCUIT PACK					
EOPT LOC	DESIG	FS/SYM	DESIG	FS/SYM	CKT
04-116	TN242		04-146	TN243	
OPTION					
ELEM IDENT					

CKT	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A	SWITCH42	2/25	L7210	2/19	A
B	SW42CNTRL	1/17	L72CNTRL	1/24	B

FIBOPT REC			
OPTION	DESIG	FS/SYM	CODE
F	OPRCV72A	2/79	982CG
E	OPRCV72A	2/79	982TA

FIBOPT XMIT			
OPTION	DESIG	FS/SYM	CODE
F	OPXMT72A	2/78	982CF
E	OPXMT72A	2/78	982TA

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TIME MULTIPLEXED SWITCH UNIT	DWG SIZE C2	ISSUE 6B
AT&T BELL LABORATORIES	SD-50043-01	C6

APP FIG. 17

CIRCUIT PACK

EQPT LOC	04-156	EQPT LOC	
DESIG		DESIG	
CODE	TN243	CODE	
OPTION		OPTION	
ELEM IDENT	CKT	ELEM IDENT	

CKT	DESIG	FS/SYM	CKT
A	L8210	2/20	A
B	L82CNTRL	1/25	B

FIBOPT REC

OPTION	DESIG	FS/SYM	CODE
F	OPRCV82A	2/83	982CG
E	OPRCV82A	2/83	982TA

FIBOPT XMIT

OPTION	DESIG	FS/SYM	CODE
F	DPXMT82A	2/82	982CF
E	DPXMT82A	2/82	982TA

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TIME MULTIPLEXED SWITCH UNIT	DWG SIZE C2	ISSUE 6B
AT&T BELL LABORATORIES	SD-50043-01	C7

0 1 2 3 4 5 6 7 8 9

A
B
C
D
E
F
G
H

A
B
C
D
E
F
G
H

CIRCUIT NOTES:

101.	DESIG	FUSE AMP	POTENTIAL	ONE PER
	BATTERY SYMBOL		VOLTAGE RANGE	

102. (SEE NOTE 201).

EQUIPMENT NOTES:

201. UNLESS OTHERWISE SPECIFIED, ALL BACKPLANE WIRING WILL BE AUTOMATIC MACHINE WIRING (A-D4) 30 GAUGE, WHICH HAS BEEN PROCESSED BY THE WESHAP PROGRAMS.

202. ALL PRINTED WIRING CONNECTIONS ARE SPECIFIED BY ED-50062.

203. THERE ARE 115 BALANCED DRIVER PAIRED NETS THAT ARE TO BE WIRED WITH 30 GAUGE TIGHT TWISTED PAIR WIRE.

CK(BK,16)(0,1)L(1,8)(0,2)
 CK(BK,16)(0,1)X(1-4)(0,2)
 CK2M(0,1)S(0,2)
 FDF216(0,1)(1-4)
 F2F316(0,1)(1-4)
 L(1-8)(0,2)(A,B)F(0,1)(0,2)(A,B)

204. POWER CONVERTER LOCATION 13-178, 04-016, 04-178 THAT ARE NOT EQUIPPED, WILL HAVE BACKPLANE CONNECTORS ON PINS 015 AND 115. THESE CONNECTORS WILL STRAP THE 00S LED NETS AND MUST BE REMOVED WHEN POWER CONVERTER IS EQUIPPED AT THAT LOCATION.

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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		88	6B
AT&T BELL LABORATORIES	SD-50043-01	SHEET D1	

0 1 2 3 4 5 6 7 8 9

FORM 57-22

INFORMATION NOTES:

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

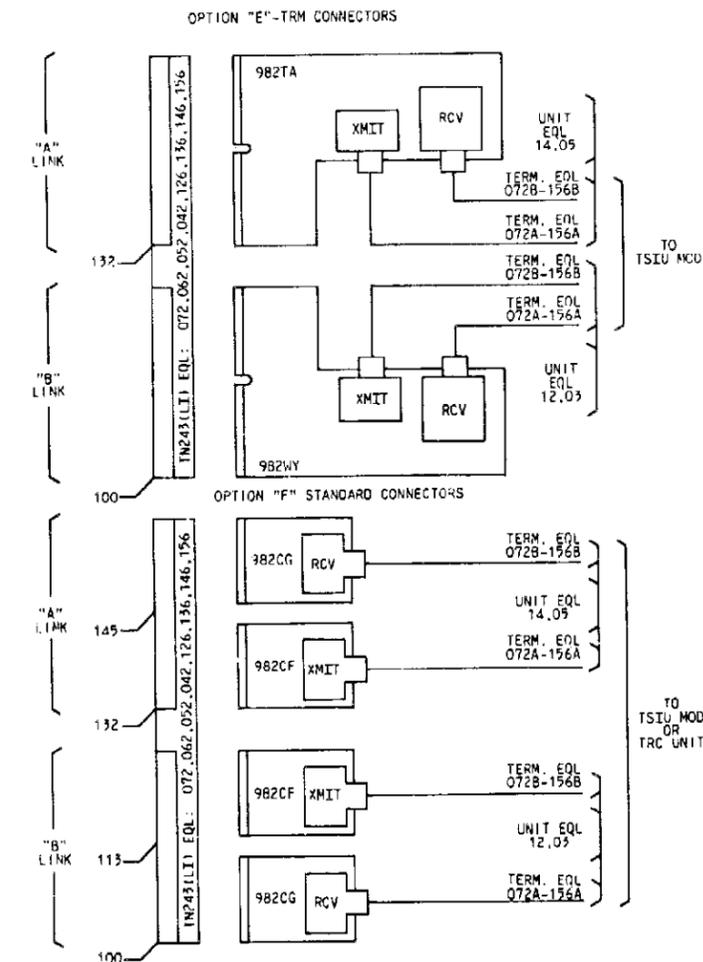
FEATURE OR OPTION	PROVIDE		
	APP FIGURE	APP OPTIONS	QUANTITY
PRINTED BACKPLANE AND SURFACE WIRING FOR 1-TMSU	1		1 PER UNIT
CIRCUIT PACKS, POWER CONVERTERS, OPTICS REQUIRED FOR TMSU EQUIPPED WITH 1ST AND 2ND SMS.	2		1 PER UNIT
CIRCUIT PACKS, OPTICS AND POWER CONVERTERS REQUIRED FOR TMSU GROWTH, EACH APP FIG. AND OPTION REQUIRES THE INCLUSION OF ALL PRIOR APP FIG AND OPTIONS.	3RD SM	3	1 PER SM 3
	4TH SM	4	1 PER SM 4
	5TH SM	5	1 PER SM 5
	6TH SM	4	1 PER SM 6
	7TH SM	6	1 PER SM 7
	8TH SM	4	1 PER SM 8
	9TH SM	7	1 PER SM 9
	10TH SM	4	1 PER SM 10
	11TH SM	8	1 PER SM 11
	12TH SM	4	1 PER SM 12
	13TH SM	9	1 PER SM 13
	14TH SM	4	1 PER SM 14
	15TH SM	10	1 PER SM 15
	16TH SM	4	1 PER SM 16
	17TH SM	11	1 PER SM 17
	18TH SM	4	1 PER SM 18
	19TH SM	12	1 PER SM 19
	20TH SM	4	1 PER SM 20
	21ST SM	13	1 PER SM 21
	22ND SM	4	1 PER SM 22
23RD SM	14	1 PER SM 23	
24TH SM	4	1 PER SM 24	
25TH SM	15	1 PER SM 25	
26TH SM	4	1 PER SM 26	
27TH SM	16	1 PER SM 27	
28TH SM	4	1 PER SM 28	
29TH SM	17	1 PER SM 29	
30TH SM	4	1 PER SM 30	
STANDARD CONNECTORS	2 - 17	F	AS REQUIRED
TRANSMISSIONLESS REMOTE MODULE (TRM) FIBER OPTIC CONNECTIONS	2 - 17	E	AS REQUIRED

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	A&M	MD
60	E	F	305	E, F		

INFORMATION NOTES: (CON)

CIRCUIT PACK CODE OR MICROCODE	COMMON LANGUAGE EQUIPMENT IDENTIFICATION CODE (CLEI)
TN242	ESQ12KAXX
TN243	ESQ12JAXX
TN244	ESQ16KAXX
LN74	ESQ228AXX
495G1	PWPQ21GAXX

305. FIBER OPTIC CONNECTOR ARRANGEMENTS:

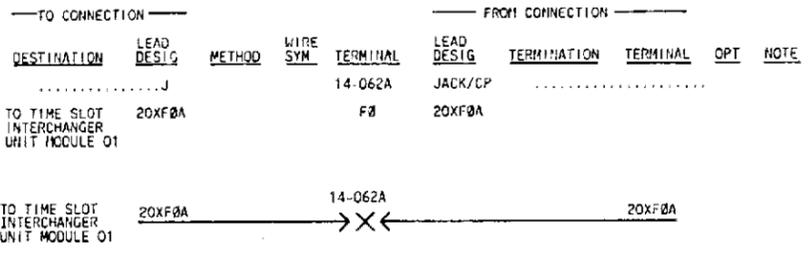


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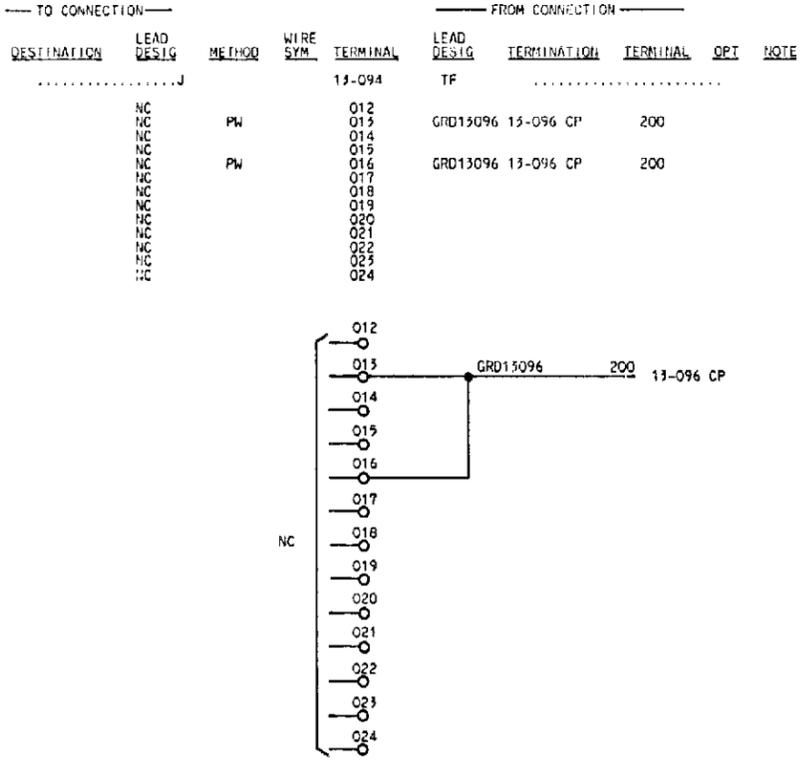
TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		88	6B
AT&T BELL LABORATORIES	SD-50043-01	SHEET D2	

NOTES:

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



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



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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE	ISSUE
		68	6B
AT&T BELL LABORATORIES	SD-5D043-01	SHEET GB1	

CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER					ELEMENT IDENTIFIER (CONT)					ELEMENT IDENTIFIER (CONT)					ELEMENT IDENTIFIER										
A					B					B					D										
CONTROL					DATA					DATA					POWER										
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		
GRD04032	G	04-032-220	04-032-319	1/13	P/10CS2C10	ML1B1NF2	I	04-095-047	04-096-138	2/21	P/ML0B1NF2	72XFOA	O	05-146A-FO	05-146A-FO	2/73	305	+EURPRM	O	13-020-006	13-032-113	1/1			
GRD04032	G	04-032-319	04-032-319	1/13	P/S2CIERR1	TB0A1NF2	I	13-094-004	13-096-037	2/8	P/TB1A1NF0	72XFOB	O	03-146B-FO	03-146B-FO	2/80	305	+005A2	O	13-021-001	04-016-015	3/3			
GRD04032	G	04-032-321	04-032-319	1/13	P/10CS2GT0	TB0A1NF2	I	04-094-003	04-096-037	2/21	P/TB1A1NF2	80RFOA	I	14-156B-FO	14-156B-FO	2/51	305	+005CA1	I	13-020-001	13-016-115	3/1			
GRD13032	G	13-032-220	13-032-021	1/1	P/10CS0C10	TB0B1NF0	I	13-094-001	13-096-036	2/8	P/TB1B1NF0	80RFOB	I	12-156A-FO	12-156A-FO	2/53	305	-CURPRM	D	13-021-006	13-032-013	1/1			
GRD13032	G	13-032-319	13-032-021	1/1	P/S0CIERR1	TB0B1NF2	I	04-094-002	04-096-036	2/21	P/TB1B1NF2	80XFOA	O	14-156A-FO	14-156A-FO	2/50	305	-48A0	P	11-011-003	13-016-006	3/1			
GRD13032	G	13-032-321	13-032-021	1/1	P/10CS0GT0	TB1A1NF0	I	13-095-004	13-096-137	2/8	P/TB0A1NF0	80XFCJ	O	12-156B-FO	12-156B-FO	2/52	305	-48A2	P	02-011-003	04-016-006	3/3			
GRD13032	G	13-032-021	13-032-021	1/1	P/10CS0C10	TB1A1NF2	I	04-095-003	04-096-137	2/21	P/TB0A1NF2	82RFOA	I	05-156B-FO	05-156B-FO	2/83	305	-48B0	P	11-173-003	13-178-006	3/2			
GRD13032	G	13-032-319	13-032-021	1/1	P/GRD13032	TB1B1NF0	I	13-095-001	13-096-136	2/8	P/TB0B1NF0	82RFOB	I	03-156A-FO	03-156A-FO	2/85	305	-48B2	P	02-173-003	04-178-006	3/4			
GRD13032	G	13-032-321	13-032-021	1/1	P/GRD13032	TB1B1NF2	I	04-095-002	04-096-136	2/21	P/TB0B1NF2	82XFOA	D	05-156A-FO	05-156A-FO	2/82	305	-48LIA0	P	11-011-008	13-042-156	2/3			
18CS0C10	I	13-032-221	13-032-221	1/1	P/GRD13032	X0AMLOT0	O	13-094-055	13-096-041	2/8	P/X1AMLOT0	82XFOB	D	03-156B-FO	03-156B-FO	2/84	305	-48LIA2	P	02-011-008	04-042-156	2/16			
18CS0G10	I	13-032-221	13-032-221	1/1	P/GRD13032	X0BLOT0	O	13-094-054	13-096-040	2/8	P/X1BLOT0							-48L1B0	P	11-173-008	13-156-156	2/7			
10CS2C10	I	04-032-320	04-032-320	1/13	P/GRD04032	X0MLTSP0	O	13-094-053	13-096-042	2/8	P/X1MLTSP0							-48L1B2	P	02-173-008	04-156-156	2/20			
10CS2G10	I	04-032-221	04-032-221	1/13	P/GRD04032	X1AMLOT0	O	13-095-055	13-096-141	2/8	P/X0AMLOT0							-48RTNA0	G	11-007-003	13-016-003	3/1			
SHFL100P	I	13-032-023	13-032-023	1/1	P/GRD04032	X1BLOT0	O	13-095-054	13-096-140	2/8	P/X0BLOT0							-48RTNA2	G	02-007-003	04-016-003	3/3			
S0CIERR1	O	13-032-219	13-032-219	1/13	P/GRD13032	X1MLTSP0	O	13-095-053	13-096-142	2/8	P/X0MLTSP0							-48RTNB0	G	11-169-003	13-178-003	3/2			
S2CIERR1	O	04-032-219	04-032-219	1/13	P/GRD04032													-48RTNB2	G	02-169-003	04-178-003	3/4			
																		-5CA	P	15-105-048	13-108-122	2/11			
																		-5CA	P	11-105-008	13-108-122	2/11			
																		-5CB	P	06-105-048	04-108-122	2/24			
																		-5CB	P	02-105-008	04-108-122	2/24			
																		ALM1	O	13-020-002	13-016-014	3/1			
																		ALM1	O	13-021-002	13-016-014	3/1			
																		CARD	O	13-021-003	13-016-113	3/1			
																		CARD	O	13-020-003	13-016-113	3/1			
																		GRD04108	G	06-105-053	04-108-300	2/24			
																		GRD04108	G	02-105-003	04-108-300	2/24			
																		GRD13108	G	15-105-053	13-108-300	2/11			
																		GRD13108	G	11-105-003	13-108-300	2/11			
																		RS1	I	13-020-005	13-016-011	3/1			
																		RS2	I	13-021-005	13-016-110	3/1			
																		RS3	I	13-020-004	13-016-109	3/1			

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TIME MULTIPLEXED SWITCH UNIT

DWG SIZE: 6B

AT&T BELL LABORATORIES SD-5D043-01 GB2

CAD 002
POWER AND ALARM CONTROL

CAD 004
CLOCK DISTRIBUTION

CAD 005
(CONT'D)

TO CONNECTION				FROM CONNECTION				DPT	NOTE
ESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				13-021 TF					
TO TIME MULTIPLEXED CONTROL UNIT	GRD13016			000	GRD13016	13-016 CP	241		
	+00SAZ	D4		001	+00SAZ	04-016 CP	015		
	ALMI	D4		002	ALMI	13-016 CP	014		
	CARD	D4		003	CARD	13-016 CP	113		
	NC			004					
TO TIME MULTIPLEXED CONTROL UNIT	RS2	D4		005	RS2	13-016 CP	110		
	-CURPRM			006	-CURPRM	13-032 CP	013		
	GRD13016			007	GRD13016	13-016 CP	241		
	NC			008					
	NC			009					
	NC			010					
	NC			011					
.....J				13-020 TF					
TO TIME MULTIPLEXED CONTROL UNIT	GRD13016			000	GRD13016	13-016 CP	241		
	+00SCA1	D4		001	+00SCA1	13-016 CP	115		
	ALMI			002	ALMI	13-016 CP	014		
	CARD			003	CARD	13-016 CP	113		
	RS3			004	RS3	13-016 CP	109		
	RS1			005	RS1	13-016 CP	011		
	+CURPRM			006	+CURPRM	13-032 CP	113		
	GRD13016			007	GRD13016	13-016 CP	241		
	NC			008					
	NC			009					
	NC			010					
	NC			011					

CAD 003
SHELF INTERFACE CONTROL

TO CONNECTION				FROM CONNECTION				DPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				13-032 JACK/CP					
TO TIME MULTIPLEXED CONTROL UNIT	S0CIERR1		P000	219	S0CIERR1				
	GRD13032		P001	220	GRD13032				
	10CS0G70		P002	221	10CS0G70				
	NC			222	GRD13032				
	NC			223	GRD13032				
	NC			224					
TO TIME MULTIPLEXED CONTROL UNIT	GRD13032		P000	319	GRD13032				
	10CS0C10		P001	320	10CS0C10				
	GRD13032		P002	321	GRD13032				
	NC		P003	322	CK2M0S0	13-032 CP	322		
	NC			323	GRD13032				
	NC		P003	324	CK2M1S0	13-032 CP	324		
.....J				04-032 JACK/CP					
TO TIME MULTIPLEXED CONTROL UNIT	S2CIERR1		P004	219	S2CIERR1				
	GRD04032		P005	220	GRD04032				
	10CS2G70		P006	221	10CS2G70				
	NC			222	GRD04032				
	NC			223	GRD04032				
	NC			224					
TO TIME MULTIPLEXED CONTROL UNIT	GRD04032		P004	319	GRD04032				
	10CS2C10		P005	320	10CS2C10				
	GRD04032		P006	321	GRD04032				
	NC		P007	322	CK2M0S2	04-032 CP	322		
	NC			323	GRD04032				
	NC		P007	324	CK2M1S2	04-032 CP	324		

TO CONNECTION				FROM CONNECTION				DPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				13-096 JACK/CP					
TO TIME MULTIPLEXED CONTROL UNIT	GRD13096			015	GRD13096	13-032 CP	322		
	CK2M0S0	TH	P000	014	CK2M0S0				
	K08K0F0	TH	P001	015	K08K0F0				
	K016M0F0	TH	P002	016	K016M0F0				
	NC			017					
TO TIME MULTIPLEXED CONTROL UNIT	GRD13096			018	GRD13096				
	GRD13096			019	GRD13096				
	NC			020					
	NC			021	CK160X10				
	NC			022	-5CA				
	NC			023	CK8K0X10				
TO TIME MULTIPLEXED CONTROL UNIT	GRD13096			024	GRD13096				
	CK2M1S0	TH	P000	114	CK2M1S0	13-032 CP	324		
	K08K1F0	TH	P001	115	K08K1F0				
	K016M1F0	TH	P002	116	K016M1F0				
	NC			117					
TO TIME MULTIPLEXED CONTROL UNIT	GRD13096			118	GRD13096				
	GRD13096			119	GRD13096				
	NC			120					
	NC			121	CK161X10				
	NC			122	-5CA				
	NC			123	CK8K1X10				
TO TIME MULTIPLEXED CONTROL UNIT	GRD13096			124	GRD13096				

TO CONNECTION				FROM CONNECTION				DPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				04-096 JACK/CP					
TO TIME MULTIPLEXED CONTROL UNIT	GRD04096			013	GRD04096	04-032 CP	322		
	CK2M0S2	TH	P003	014	CK2M0S2				
	K08K0F2	TH	P004	015	K08K0F2				
	K016M0F2	TH	P005	016	K016M0F2				
	NC			017	CK160L12				
TO TIME MULTIPLEXED CONTROL UNIT	GRD04096			018	GRD04096				
	GRD04096			019	GRD04096				
	NC			020	CK8K0L12				
	NC			021	CK160X12				
	NC			022	-5CB				
	NC			023	CK8K0X12				
TO TIME MULTIPLEXED CONTROL UNIT	GRD04096			024	GRD04096				
	GRD04096			113	GRD04096				
	CK2M1S2	TH	P003	114	CK2M1S2	04-032 CP	324		
	K08K1F2	TH	P004	115	K08K1F2				
	K016M1F2	TH	P005	116	K016M1F2				
	NC			117	CK161L12				
TO TIME MULTIPLEXED CONTROL UNIT	GRD04096			118	GRD04096				
	GRD04096			119	GRD04096				
	NC			120	CK8K1L12				
	NC			121	CK161X12				
	NC			122	-5CB				
	NC			123	CK8K1X12				
TO TIME MULTIPLEXED CONTROL UNIT	GRD04096			124	GRD04096				

TO CONNECTION				FROM CONNECTION				DPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				13-095 (CONT'D) TF					
TO TIME MULTIPLEXED CONTROL UNIT	NC			008					
	NC			009					
	NC			010					
	GRD13096			011	GRD13096	13-096 CP	048		
.....J				13-094 TF					
TO TIME MULTIPLEXED CONTROL UNIT	GRD13096			000	GRD13096	13-096 CP	048		
	T80BINF0		P000	001	T80BINF0	13-096 CP	036		
	NC			002					
	NC			003					
TO TIME MULTIPLEXED CONTROL UNIT	T80AINF0		P001	004	T80AINF0	13-096 CP	037		
	GRD13096			005	GRD13096	13-096 CP	048		
	GRD13096			006	GRD13096	13-096 CP	048		
	NC			008					
	NC			009					
	NC			010					
TO TIME MULTIPLEXED CONTROL UNIT	GRD13096			011	GRD13096	13-096 CP	048		
.....J				04-095 TF					
TO TIME MULTIPLEXED CONTROL UNIT	GRD04096			000	GRD04096	04-096 CP	147		
	NC			001					
	T81BINF2		P002	002	T81BINF2	04-096 CP	136		
	T81AINF2		P003	003	T81AINF2	04-096 CP	137		
	NC			004					
TO TIME MULTIPLEXED CONTROL UNIT	GRD04096			005	GRD04096	04-096 CP	147		
	GRD04096			006	GRD04096	04-096 CP	147		
	NC			007					
	NC			008					
	NC			009					
	NC			010					
TO TIME MULTIPLEXED CONTROL UNIT	GRD04096			011	GRD04096	04-096 CP	147		
.....J				04-094 TF					
TO TIME MULTIPLEXED CONTROL UNIT	GRD04096			000	GRD04096	04-096 CP	147		
	NC			001					
	T80BINF2		P002	002	T80BINF2	04-096 CP	036		
	T80AINF2		P003	003	T80AINF2	04-096 CP	037		
	NC			004					
TO TIME MULTIPLEXED CONTROL UNIT	GRD04096			005	GRD04096	04-096 CP	147		
	GRD04096			006	GRD04096	04-096 CP	147		
	NC			007					
	NC			008					
	NC			009					
	NC			010					
TO TIME MULTIPLEXED CONTROL UNIT	GRD04096			011	GRD04096	04-096 CP	147		

CAD 005

TEST BOARD AND MESSAGE LINK INTERFACE ACCESS

TO CONNECTION				FROM CONNECTION				DPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				13-095 TF					
TO TIME MULTIPLEXED CONTROL UNIT	GRD13096			000	GRD13096	13-096 CP			

CAD 006
(CONT'D)

CAD 006
(CONT'D)

CAD 007
NCT LINK RECEIVERS

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				05-072A	JACK/CP	.....				.....J				05-126A	JACK/CP	.....				.....J					14-062B	JACK/CP	.....				
TO TIME SLOT INTERCHANGER UNIT MODULE 15 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	12XFOA		FO	12XFOA				305		TO TIME SLOT INTERCHANGER UNIT MODULE 23 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	52XFOA		FO	52XFOA				305		TO TIME SLOT INTERCHANGER UNIT MODULE 01 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	20RFOA			FO	20RFOA				305			
.....J				03-072B	JACK/CP	.....				.....J				03-126B	JACK/CP	.....				.....J					12-062A	JACK/CP	.....				
TO TIME SLOT INTERCHANGER UNIT MODULE 16 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	12XFOB		FO	12XFOB				305		TO TIME SLOT INTERCHANGER UNIT MODULE 24 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	52XFOB		FO	52XFOB				305		TO TIME SLOT INTERCHANGER UNIT MODULE 02 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	20RFOB			FO	20RFOB					305		
.....J				05-062A	JACK/CP	.....				.....J				05-136A	JACK/CP	.....				.....J					14-052B	JACK/CP	.....				
TO TIME SLOT INTERCHANGER UNIT MODULE 17 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	22XFOA		FO	22XFOA				305		TO TIME SLOT INTERCHANGER UNIT MODULE 25 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	62XFOA		FO	62XFOA				305		TO TIME SLOT INTERCHANGER UNIT MODULE 03 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	30RFOA			FO	30RFOA					305		
.....J				03-062B	JACK/CP	.....				.....J				03-136B	JACK/CP	.....				.....J					12-052A	JACK/CP	.....				
TO TIME SLOT INTERCHANGER UNIT MODULE 18 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	22XFOB		FO	22XFOB				305		TO TIME SLOT INTERCHANGER UNIT MODULE 26 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	62XFOB		FO	62XFOB				305		TO TIME SLOT INTERCHANGER UNIT MODULE 04 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	30RFOB			FO	30RFOB					305		
.....J				05-052A	JACK/CP	.....				.....J				05-146A	JACK/CP	.....				.....J					14-042B	JACK/CP	.....				
TO TIME SLOT INTERCHANGER UNIT MODULE 19 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	32XFOA		FO	32XFOA				305		TO TIME SLOT INTERCHANGER UNIT MODULE 27 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	72XFOA		FO	72XFOA				305		TO TIME SLOT INTERCHANGER UNIT MODULE 05 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	40RFOA			FO	40RFOA					305		
.....J				03-052B	JACK/CP	.....				.....J				03-146B	JACK/CP	.....				.....J					12-042A	JACK/CP	.....				
TO TIME SLOT INTERCHANGER UNIT MODULE 20 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	32XFOB		FO	32XFOB				305		TO TIME SLOT INTERCHANGER UNIT MODULE 28 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	72XFOB		FO	72XFOB				305		TO TIME SLOT INTERCHANGER UNIT MODULE 06 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	40RFOB			FO	40RFOB					305		
.....J				05-042A	JACK/CPJ				05-156A	JACK/CPJ												
TO TIME SLOT INTERCHANGER UNIT MODULE 21 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	42XFOA		FO	42XFOA				305		TO TIME SLOT INTERCHANGER UNIT MODULE 29 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	82XFOA		FO	82XFOA				305														
.....J				03-042B	JACK/CPJ				03-156B	JACK/CPJ												
TO TIME SLOT INTERCHANGER UNIT MODULE 22 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	42XFOB		FO	42XFOB				305		TO TIME SLOT INTERCHANGER UNIT MODULE 30 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	82XFOB		FO	82XFOB				305														

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TIME MULTIPLEXED SWITCH UNIT		ISSUE 6B
AT&T BELL LABORATORIES	SD-5D043-01	GB5

CAD 007
(CONT'D)

CAD 007
(CONT'D)

CAD 007
(CONT'D)

TO CONNECTION		FROM CONNECTION			TO CONNECTION		FROM CONNECTION			TO CONNECTION		FROM CONNECTION			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				14-126B	JACK/CP	.....				.....J				05-072B	JACK/CP	.....				305	
TO TIME SLOT INTERCHANGER UNIT MODULE 07 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	50RFOA			FO	50RFOA					TO TIME SLOT INTERCHANGER UNIT MODULE 15 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	12RFOA			FO	12RFOA						305
.....J				12-126A	JACK/CP	.....				.....J				03-072A	JACK/CP	.....					305
TO TIME SLOT INTERCHANGER UNIT MODULE 08 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	50RFOB			FO	50RFOB					TO TIME SLOT INTERCHANGER UNIT MODULE 16 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	12RFOB			FO	12RFOB						305
.....J				14-136B	JACK/CP	.....				.....J				05-062B	JACK/CP	.....					305
TO TIME SLOT INTERCHANGER UNIT MODULE 09 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	60RFOA			FO	60RFOA					TO TIME SLOT INTERCHANGER UNIT MODULE 17 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	22RFOA			FO	22RFOA						305
.....J				12-136A	JACK/CP	.....				.....J				03-062A	JACK/CP	.....					305
TO TIME SLOT INTERCHANGER UNIT MODULE 10 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	60RFOB			FO	60RFOB					TO TIME SLOT INTERCHANGER UNIT MODULE 18 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	22RFOB			FO	22RFOB						305
.....J				14-146B	JACK/CP	.....				.....J				05-052B	JACK/CP	.....					305
TO TIME SLOT INTERCHANGER UNIT MODULE 11 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	70RFOA			FO	70RFOA					TO TIME SLOT INTERCHANGER UNIT MODULE 19 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	32RFOA			FO	32RFOA						305
.....J				12-146A	JACK/CP	.....				.....J				03-052A	JACK/CP	.....					305
TO TIME SLOT INTERCHANGER UNIT MODULE 12 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	70RFOB			FO	70RFOB					TO TIME SLOT INTERCHANGER UNIT MODULE 20 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	32RFOB			FO	32RFOB						305
.....J				14-156B	JACK/CP	.....				.....J				05-042B	JACK/CP	.....					305
TO TIME SLOT INTERCHANGER UNIT MODULE 13 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	80RFOA			FO	80RFOA					TO TIME SLOT INTERCHANGER UNIT MODULE 21 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	42RFOA			FO	42RFOA						305
.....J				12-156A	JACK/CP	.....				.....J				03-042A	JACK/CP	.....					305
TO TIME SLOT INTERCHANGER UNIT MODULE 14 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	80RFOB			FO	80RFOB					TO TIME SLOT INTERCHANGER UNIT MODULE 22 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM)	42RFOB			FO	42RFOB						305

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TIME MULTIPLEXED SWITCH UNIT		DWG SIZE C2
		ISSUE 6B
AT&T BELL LABORATORIES	SD-5D043-01	GB6

CAD 007

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				05-156B	JACK/CP	.....	.....
TO TIME SLOT INTERCHANGER UNIT MODULE 29 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (CRM)	82RF0A		FD		82RF0A			305	
.....J				03-156A	JACK/CP	.....	.....
TO TIME SLOT INTERCHANGER UNIT MODULE 30 OR TO TRANSMISSION RATE CONVERTER UNIT FOR (CRM)	82RF0B		FD		82RF0B			305	

CAD 008

UNEQUIPPED POWER CONVERTER LED STRAP

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				13-178	JACK/CP	.....	.....
NC				014	ALM1				
NC				015	+DOSB0				
NC				016					
NC				114					
NC				115	+DOSA0				
NC				116					
.....J				04-016	JACK/CP	.....	.....
NC				014	ALM1	04-016 CP	015		
NC				015	+DOSAZ				
NC				016					
NC				114					
NC				115	+DOSBZ				
NC				116					
.....J				04-178	JACK/CP	.....	.....
NC				014	ALM1				
NC				015	+DOSBZ				
NC				016					
NC				114					
NC				115	+DOSB0				
NC				116					

CAD 009

STAGING

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				13-020	TF	.....	.....
NC				012					
NC				013					
NC				014					
NC				015					
NC				016					
NC				017					

CAD 009

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				13-020	TF	.....	.....
				(CONT'D)					
				018					
				019					
				020					
				021					
				022					
				023					
				024					
.....J				13-021	TF	.....	.....
				012					
				013					
				014					
				015					
				016					
				017					
				018					
				019					
				020					
				021					
				022					
				023					
				024					
.....J				13-094	TF	.....	.....
				012					
				013	GRD13096 13-096 CP	048			
				014					
				015					
				016	GRD13096 13-096 CP	048			
				017					
				018					
				019					
				020					
				021					
				022					
				023					
				024					
.....J				13-094	TF	.....	.....
				032					
				033					
				034					
				035					
				036					
				037					
				038					
				039					
				040					
				041					
				042					
				043					
				044					
.....J				13-095	TF	.....	.....
				012	GRD13096 13-096 CP	048			
				013					
				014					
				015					
				016					
				017					
				018					
				019					
				020					
				021					
				022					
				023					
				024	GRD13096 13-096 CP	048			
.....J				13-095	TF	.....	.....
				032					
				033					
				034					
				035					
				036	GRD13096 13-096 CP	048			

CAD 009

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				13-095	TF	.....	.....
				(CONT'D)					
				037					
				038					
				039					
				040					
				041					
				042					
				043					
				044					
.....J				04-020	TF	.....	.....
				000	GRD04016 04-016 CP	039			
				001					
				002					
				003					
				004					
				005					
				006					
				007	GRD04016 04-016 CP	039			
				008					
				009					
				010					
				011					
.....J				04-020	TF	.....	.....
				012					
				013					
				014					
				015					
				016					
				017					
				018					
				019					
				020					
				021					
				022					
				023					
				024					
.....J				04-021	TF	.....	.....
				000	GRD04016 04-016 CP	039			
				001					
				002					
				003					
				004					
				005					
				006					
				007	GRD04016 04-016 CP	039			
				008					
				009					
				010					
				011					
				012					

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TIME MULTIPLEXED SWITCH UNIT

DWG SIZE: 68
ISSUE: 68

AT&T BELL LABORATORIES SD-50043-01 GB7

CAD 009
(CONT'D)

CAD 009
(CONT'D)

CAD 009
(CONT'D)

TO CONNECTION		FROM CONNECTION			TO CONNECTION		FROM CONNECTION			TO CONNECTION		FROM CONNECTION			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				04-021	TF					J				13-072	TF				
NC				013						NC				000	+5A0	13-032	CP	356	
NC				014						NC				001	+5A0	13-032	CP	356	
NC				015						NC				002					
NC				016						NC				003					
NC				017						NC				004					
NC				018						NC				005	GRD13062	13-062	CP	200	
NC				019						NC				006					
NC				020						NC				007	GRD13062	13-062	CP	200	
NC				021						NC				008					
NC				022						NC				009					
NC				023						NC				010					
NC				024						NC				011					
J				04-094	TF					J				13-072	TF				
NC				012						NC				012					
NC				013	GRD04096	04-096	CP	147		NC				013					
NC				014						NC				014					
NC				015						NC				015	GRD13062	13-062	CP	200	
NC				016						NC				016					
NC				017	GRD04096	04-096	CP	147		NC				017					
NC				018						NC				018					
NC				019						NC				019					
NC				020						NC				020					
NC				021						NC				021	GRD13062	13-062	CP	200	
NC				022						NC				022	-SCA	13-032	CP	022	
NC				023						NC				023					
NC				024						NC				024					
J				04-094	TF					J				13-072	TF				
NC				032						NC				032					
NC				033						NC				033					
NC				034						NC				034	GRD13062	13-062	CP	200	
NC				035						NC				035					
NC				036						NC				036					
NC				037						NC				037					
NC				038						NC				038					
NC				039						NC				039					
NC				040						NC				040	GRD13062	13-062	CP	200	
NC				041						NC				041					
NC				042						NC				042					
NC				043						NC				043					
NC				044						NC				044					
J				04-095	TF					J				13-072	TF				
NC				012	GRD04096	04-096	CP	147		NC				044					
NC				013						NC				045					
NC				014						NC				046					
NC				015						NC				047					
NC				016						NC				048					
NC				017						NC				049					
NC				018						NC				050	GRD13062	13-062	CP	200	
NC				019						NC				051	+5A0	13-032	CP	356	
NC				020						NC				052	GRD13062	13-062	CP	200	
NC				021						NC				053					
NC				022						NC				054					
NC				023						NC				055					
NC				024	GRD04096	04-096	CP	147		NC				056					
J				04-095	TF					J				13-072	TF				
NC				032						NC				100	+5A0	13-032	CP	356	
NC				033						NC				101	+5A0	13-032	CP	356	
NC				034						NC				102					
NC				035						NC				103	GRD13062	13-062	CP	200	
NC				036	GRD04096	04-096	CP	147		NC				104	GRD13062	13-062	CP	200	
NC				037						NC				105					
NC				038						NC				106	GRD13062	13-062	CP	200	
NC				039						NC				107	GRD13062	13-062	CP	200	
NC				040						NC				108					
NC				041						NC				109					
NC				042						NC				110					
NC				043						NC				111					
NC				044						NC				112					
J				04-095	TF					J				13-072	TF				
NC				032						NC				112					
NC				033						NC				113					
NC				034						NC				114					

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TIME MULTIPLEXED SWITCH UNIT

DWG SIZE: 6B

ISSUE: 6B

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CAD 009
(CONT'D)

CAD 009
(CONT'D)

CAD 011
(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	OPT NOTE
.....J			13-072	TF			
NC			212				
NC			213				
NC	PH		214	GRD13062	13-062	CP 200	
NC			215				
NC	PH		216	GRD13062	13-062	CP 200	
NC			217				
NC	PH		218	GRD13062	13-062	CP 200	
NC			219				
NC			220				
NC			221				
NC			222				
NC	PH		223	GRD13062	13-062	CP 200	
NC			224				
.....J			13-072	TF			
NC	PH		232	GRD13062	13-062	CP 200	
NC			233				
NC	PH		234	GRD13062	13-062	CP 200	
NC			235				
NC	PH		236	GRD13062	13-062	CP 200	
NC			237				
NC	PH		238	GRD13062	13-062	CP 200	
NC			239				
NC	PH		240	GRD13062	13-062	CP 200	
NC			241				
NC			242				
NC	PH		243	GRD13062	13-062	CP 200	
.....J			13-072	TF			
NC			244				
NC	PH		245	GRD13062	13-062	CP 200	
NC			246				
NC	PH		247	GRD13062	13-062	CP 200	
NC			248				
NC			249				
NC			250				
NC	PH		251	GRD13062	13-062	CP 200	
NC			252				
NC			253				
NC			254				
NC			255				
NC			256				
.....J			13-072	TF			
NC	PH		300	GRD13062	13-062	CP 200	
NC	PH		301	GRD13062	13-062	CP 200	
NC			302				
NC			303				
NC	PH		304	GRD13062	13-062	CP 200	
NC			305				
NC	PH		306	GRD13062	13-062	CP 200	
NC			307				
NC			308				
NC			309				
NC	PH		310	GRD13062	13-062	CP 200	
NC			311				
.....J			13-072	TF			
NC			312				
NC	PH		313	GRD13062	13-062	CP 200	
NC			314				
NC	PH		315	GRD13062	13-062	CP 200	
NC			316				
NC	PH		317	GRD13062	13-062	CP 200	
NC			318				
NC	PH		319	GRD13062	13-062	CP 200	
NC			320				
NC			321				
NC			322				
NC			323				
NC	PH		324	GRD13062	13-062	CP 200	

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	OPT NOTE
.....J			13-072	TF			
NC			332				
NC			333				
NC	PH		334	GRD13062	13-062	CP 200	
NC			335				
NC	PH		336	GRD13062	13-062	CP 200	
NC			337				
NC	PH		338	GRD13062	13-062	CP 200	
NC			339				
NC	PH		340	GRD13062	13-062	CP 200	
NC			341				
NC			342				
NC	PH		343	GRD13062	13-062	CP 200	
.....J			13-072	TF			
NC	PH		344	GRD13062	13-062	CP 200	
NC			345				
NC	PH		346	GRD13062	13-062	CP 200	
NC			347				
NC	PH		348	GRD13062	13-062	CP 200	
NC	PH		349	GRD13062	13-062	CP 200	
NC			350				
NC			351				
NC			352				
NC			353				
NC			354				
NC	PH		355	+5A0	13-032	CP 356	
NC	PH		356	+5A0	13-032	CP 356	

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	OPT NOTE
.....J			02-105	LUG			
TO TIME MULTIPLEXED CONTROL UNIT	-5CB		008	-5CB	04-032	CP 022	
.....J			02-169	LUG			
TO FUSE PANEL	-48RTNB2		003	-48RTNB2	04-178	CP 005	
.....J			02-173	LUG			
TO FUSE PANEL	-48B2		003	-48B2	04-178	EP 206	
.....J			02-173	LUG			
TO FUSE PANEL	-48L1B2		008	-48L1B2	04-126	CP 156	
.....J			06-105	LUG			
TO TIME MULTIPLEXED CONTROL UNIT	-5CB		048	-5CB	04-032	CP 022	
.....J			06-105	LUG			
TO TIME MULTIPLEXED CONTROL UNIT	GRD04108		053	GRD04108	04-108	CP 134	
.....J			11-007	LUG			
TO FUSE PANEL	-48RTNA0		003	-48RTNA0	13-016	CP 102	
.....J			11-011	LUG			
TO FUSE PANEL	-48A0		003	-48A0	13-016	CP 108	
.....J			11-011	LUG			
TO FUSE PANEL	-48LIA0		008	-48LIA0	13-062	CP 156	
.....J			11-105	LUG			
TO TIME MULTIPLEXED CONTROL UNIT	GRD13108		003	GRD13108	13-108	CP 134	
.....J			11-105	LUG			
TO TIME MULTIPLEXED CONTROL UNIT	-5CA		008	-5CA	13-032	CP 022	
.....J			11-169	LUG			
TO FUSE PANEL	-48RTNB0		003	-48RTNB0	13-178	CP 003	
.....J			11-173	LUG			
TO FUSE PANEL	-48B0		003	-48B0	13-178	CP 007	

CAD 010

ODD/EVEN OPTION

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	OPT NOTE
.....J			13-032	JACK/CP			
TO CONN CKT	GRD13032	D3	021	GRD13032			
	SHLFIDOP	D3	023	SHLFIDOP			

CAD 011

POWER AND GROUND LUGS

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	OPT NOTE
.....J			02-007	LUG			
TO FUSE PANEL	-48RTNAZ		003	-48RTNAZ	04-016	CP 104	
.....J			02-011	LUG			
TO FUSE PANEL	-48AZ		003	-48AZ	04-016	CP 007	
.....J			02-011	LUG			
TO FUSE PANEL	-48LIAZ		008	-48LIAZ	04-072	CP 156	
.....J			02-105	LUG			
TO TIME MULTIPLEXED CONTROL UNIT	GRD04108		003	GRD04108	04-108	CP 134	

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AT&T BELL LABORATORIES	SD-50043-01	GB9

CAD 011

<CONT'D>

TO CONNECTION			FROM CONNECTION					OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				11-1/3	LUG		.....	
TO FUSE PANEL	-48L190			008	-48L180	13-126	CP	156	
.....J				15-105	LUG		.....	
TO TIME MULTIPLEXED CONTROL UNIT	-5CA			048	-5CA	13-032	CP	022	
.....J				15-105	LUG			
TO TIME MULTIPLEXED CONTROL UNIT	GR013108			053	GR013108	13-108	CP	134	

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TIME MULTIPLEXED SWITCH UNIT

DWG SIZE	ISSUE
12	6B

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