

DESIGNATION MNEMONICS INDEX

A
B
C
D
E
F
G
H

MNE/MON	ES/SYM	DEFINITION
+5V(0,1)DSUM	1,4/1	SERVICE GROUP 0 OR 1, +5V TO DSUCOM
+5V(0,1)DSC(0-7)	FS2,5	SERVICE GROUP 0 OR 1, +5V DIGITAL SERVICE CIRCUIT 0 - 7
-48RTN(0,1)	3,6/1	SERVICE GROUP 0 OR 1, -48V RETURN
-48V(0,1)	3,6/1	SERVICE GROUP 0 OR 1, -48 VOLTS
(0,1)ABUS(0-7)	2,5/1	SERVICE GROUP 0 OR 1, TRANSMISSION TEST FACILITY A-BUS LEADS 0 - 7
(0,1)ASH(0,1)0	2,5/1	SERVICE GROUP 0 OR 1, ALL SEEMS WELL 0 OR 1
(0,1)A(0-7)SELO	1,4/1	SERVICE GROUP 0 OR 1, A0-A7 SELECT ADDRESS LINES
(0,1)BBUS(0-7)	2,5/1	SERVICE GROUP 0 OR 1, TRANSMISSION TEST FACILITY B-BUS LEADS 0 - 7
(0,1)B(0-7)SELO	1,4/1	SERVICE GROUP 0 OR 1, B0-B7 SELECT ADDRESS LINES
(0,1)CBUS(0-10)	2,5/1	SERVICE GROUP 0 OR 1, TRANSMISSION TEST FACILITY C-BUS LEADS 0 - 10
(0,1)CURPR(N,P)	1,4/1	SERVICE GROUP 0 OR 1, CURRENT PROGRAMMING RESISTOR (NEG,POS)
(0,1)CO(N,P)	1,4/1	SERVICE GROUP 0 OR 1, PERIPHERAL SEQUENCER CLOCK FROM PERIPHERAL INTERFACE DATA BUS SIDE 0 (NEG,POS)
(0,1)CI(N,P)	1,4/1	SERVICE GROUP 0 OR 1, PERIPHERAL SEQUENCER CLOCK FROM PERIPHERAL INTERFACE DATA BUS SIDE 1 (NEG,POS)
(0,1)DATIN(0-7)	FS2,5	SERVICE GROUP 0 OR 1, DATA TO DSUCOM FROM DIGITAL SERVICE CIRCUIT'S 0 - 7
(0,1)DATOUT(0-7)	1,4/1	SERVICE GROUP 0 OR 1, DATA TO DIGITAL SERVICE CIRCUIT'S 0 - 7 FROM DSUCOM
(0,1)DBUS(0-10)	2,5/1	SERVICE GROUP 0 OR 1, TRANSMISSION TEST FACILITY D-BUS LEADS 0 - 10
(0,1)DR	2,5/1	SERVICE GROUP 0 OR 1, SERIAL DATA READ
(0,1)DSCFL(0-7)0	FS2,5	SERVICE GROUP 0 OR 1, DIGITAL SERVICE CIRCUIT 0 - 7 FAULT REPORT
(0,1)DSCLK	1,4/1	SERVICE GROUP 0 OR 1, DATA SHIFT CLOCK
(0,1)DSCPE(0-7)0	FS2,5	SERVICE GROUP 0 OR 1, DIGITAL SERVICE CIRCUIT 0 - 7 PARITY ERROR REPORT
(0,1)DW	1,4/1	SERVICE GROUP 0 OR 1, SERIAL DATA WRITE
(0,1)EBUS(0-4)	2,5/1	SERVICE GROUP 0 OR 1, TRANSMISSION TEST FACILITY E-BUS LEADS 0 - 4
(0,1)FBUS(0-4)	2,5/1	SERVICE GROUP 0 OR 1, TRANSMISSION TEST FACILITY F-BUS LEADS 0 - 4

MNE/MON	ES/SYM	DEFINITION
(0,1)GBUS(0-3)	2,5/1	SERVICE GROUP 0 OR 1, TRANSMISSION TEST FACILITY G-BUS LEADS 0 - 3
(0,1)GRDSCM	1,4/1	SERVICE GROUP 0 OR 1, GROUND FOR DSUCOM
(0,1)GRDSC(0-7)	FS2,5	SERVICE GROUP 0 OR 1, GROUND FOR SERVICE CIRCUIT 0 THROUGH 7
(0,1)HBUS(0-7)	2,5/1	SERVICE GROUP 0 OR 1, TRANSMISSION TEST FACILITY H-BUS LEADS 0 - 7
(0,1)IBUS(0-3)	2,5/1	SERVICE GROUP 0 OR 1, TRANSMISSION TEST FACILITY I-BUS LEADS 0 - 7
(0,1)ID(N,P)	1,4/1	SERVICE GROUP 0 OR 1, REPLY MESSAGE FROM PERIPHERAL SEQUENCER TO PERIPHERAL INTERFACE CONTROL BUS SIDE 0 (NEG,POS)
(0,1)ID1(N,P)	1,4/1	SERVICE GROUP 0 OR 1, REPLY MESSAGE FROM PERIPHERAL SEQUENCER TO PERIPHERAL INTERFACE CONTROL BUS SIDE 1 (NEG,POS)
(0,1)JBUS(0-3)	2,5/1	SERVICE GROUP 0 OR 1, TRANSMISSION TEST FACILITY J-BUS LEADS 0 - 3
(0,1)NINTO(N,P)	1,4/1	SERVICE GROUP 0 OR 1, INTERRUPT REQUEST ON PERIPHERAL INTERFACE CONTROL BUS SIDE 0 (NEG,POS)
(0,1)NINT1(N,P)	1,4/1	SERVICE GROUP 0 OR 1, INTERRUPT REQUEST ON PERIPHERAL INTERFACE CONTROL BUS SIDE 1 (NEG,POS)
(0,1)(N,P)LAMP	1,4/1	SERVICE GROUP 0 OR 1, (NEG,POS) POWER CONVERTER OUT-OF-SERVICE LAMP
(0,1)ODO(N,P)	1,4/1	SERVICE GROUP 0 OR 1, MESSAGE FROM PERIPHERAL INTERFACE CONTROL BUS SIDE 0 TO PERIPHERAL SEQUENCER (NEG,POS)
(0,1)OD1(N,P)	1,4/1	SERVICE GROUP 0 OR 1, MESSAGE FROM PERIPHERAL INTERFACE CONTROL BUS SIDE 1 TO PERIPHERAL SEQUENCER (NEG,POS)
(0,1)PBIO(N,P)	1,4/1	SERVICE GROUP 0 OR 1, PCM DATA TO PERIPHERAL INTERFACE DATA BUS SIDE 0 (NEG,POS)
(0,1)PB11(N,P)	1,4/1	SERVICE GROUP 0 OR 1, PCM DATA TO PERIPHERAL INTERFACE DATA BUS SIDE 1 (NEG,POS)
(0,1)PB00(N,P)	1,4/1	SERVICE GROUP 0 OR 1, PCM DATA FROM PERIPHERAL INTERFACE DATA BUS SIDE 0 (NEG,POS)
(0,1)PB01(N,P)	1,4/1	SERVICE GROUP 0 OR 1, PCM DATA FROM PERIPHERAL INTERFACE DATA BUS SIDE 1 (NEG,POS)
(0,1)R(0-3)SELO	1,4/1	SERVICE GROUP 0 OR 1, READ 0-3 SELECT LEADS
(0,1)SASC	3,6/1	SERVICE GROUP 0 OR 1, PRECISION VOLTAGE ADJUSTMENT
(0,1)SMSCN(0-7)0	FS2,5	SERVICE GROUP 0 OR 1, DIGITAL SERVICE CIRCUIT 0 - 7 SUMMARY SCAN REPORT

MNE/MON	ES/SYM	DEFINITION
(0,1)S0(N,P)	1,4/1	SERVICE GROUP 0 OR 1, CONTROLLER SELECT ON PERIPHERAL INTERFACE CONTROL BUS SIDE 0 (NEG,POS)
(0,1)S1(N,P)	1,4/1	SERVICE GROUP 0 OR 1, CONTROLLER SELECT ON PERIPHERAL INTERFACE CONTROL BUS SIDE 1 (NEG,POS)
(0,1)S2S3	3,6/1	SERVICE GROUP 0 OR 1, POWER CONVERTER REMOTE START
(0,1)W(0-3)SELO	1,4/1	SERVICE GROUP 0 OR 1, WRITE 0-3 SELECT LEADS
(0,1)4MCO(N,P)	1,4/1	SERVICE GROUP 0 OR 1, 4MHZ CLK FROM PERIPHERAL INTERFACE DATA BUS SIDE 0 (NEG,POS)
(0,1)4MC1(N,P)	1,4/1	SERVICE GROUP 0 OR 1, 4MHZ CLK FROM PERIPHERAL INTERFACE DATA BUS SIDE 1 (NEG,POS)
(0,1)4MHZCK(0-7)	1,4/1	SERVICE GROUP 0 OR 1, 4MHZ CLK TO DIGITAL SERVICE CIRCUIT 0 - 7
(0,1)8KSN(0-7)0	1,4/1	SERVICE GROUP 0 OR 1, 8K SYNC TO DIGITAL SERVICE CIRCUIT 0 - 7
(0,1)8KS0(N,P)	1,4/1	SERVICE GROUP 0 OR 1, 8K SYNC FROM PERIPHERAL INTERFACE DATA BUS SIDE 0 (NEG,POS)
(0,1)8KS1(N,P)	1,4/1	SERVICE GROUP 0 OR 1, 8K SYNC FROM PERIPHERAL INTERFACE DATA BUS SIDE 1 (NEG,POS)

DIGITAL SERVICE UNIT		ISSUE
ENG SIZE	7AC	
A3T BELL LABORATORIES	SD-5D035-01	A2

APPARATUS INDEX

LEAD INDEX

EQUIP LOC	APP NO.	FIGURE SH NO.	LOCATION				DESIG	LOCATION			DESIG	LOCATION				
			DESIG	FS/SYM	APPPFIG	EDPT		FS/SYM	CAO	FS/SYM		CAO				
CIRCUIT PACKS																
04-024	2	C2	DSUCDM0	1/1	2	04-024	-42RTNO	3/1	002	1PB01N	4/1	007				
04-032	4-12	C2	DSUCDM1	4/1	3	04-114	-48RTN1	6/1	005	1PB01P	4/1	007				
04-040	4-12	C2	(NOTE 312)	2/1	4-12	04-032	-48V0	3/1	002	04MCON	1/1	004				
04-048	4-12	C2	(NOTE 312)	2/2	4-12	04-040	-48V1	6/1	005	04MCOP	1/1	004				
04-056	4-12	C2	(NOTE 312)	2/3	4-12	04-048	INTERFACE MODULE PROCESSOR UNIT							04MC1N	1/1	004
04-064	4-12	C2	(NOTE 312)	2/4	4-12	04-056								04MC1P	1/1	004
04-072	4-12	C2	(NOTE 312)	2/5	4-12	04-064								08KSON	1/1	004
04-080	4-12	C2	(NOTE 312)	2/6	4-12	04-072								08KSOP	1/1	004
04-088	4-12	C2	(NOTE 312)	2/7	4-12	04-080								08KS1N	1/1	004
04-114	3	C2	(NOTE 312)	2/8	4-12	04-088								08KS1P	1/1	004
04-122	4-12	C2	(NOTE 312)	5/1	4-12	04-122								14MCON	4/1	007
04-130	4-12	C2	(NOTE 312)	5/2	4-12	04-130								14MCOP	4/1	007
04-138	4-12	C2	(NOTE 312)	5/3	4-12	04-138								14MC1N	4/1	007
04-146	4-12	C2	(NOTE 312)	5/4	4-12	04-146								14MC1P	4/1	007
04-154	4-12	C2	(NOTE 312)	5/5	4-12	04-154	18KSON	4/1	007							
04-162	4-12	C2	(NOTE 312)	5/6	4-12	04-162	18KSOP	4/1	007							
04-170	4-12	C2	(NOTE 312)	5/7	4-12	04-170	18KS1N	4/1	007							
04-178	4-12	C2	(NOTE 312)	5/8	4-12	04-178	18KS1P	4/1	007							
CONVERTOR																
DSUCDM0	2	C2	DSUPWR0	3/1	2	04-016	00DON	1/1	003							
DSUCDM1	3	C2	DSUPWR0	3/1	2	04-016	00DOP	1/1	003							
(NOTE 312)	4-12	C2	DSUPWR1	6/1	3	04-106	00D1N	1/1	003							
(NOTE 312)	4-12	C2	DSUPWR1	6/1	3	04-106	00D1P	1/1	003							
(NOTE 312)	4-12	C2					05DN	1/1	003							
(NOTE 312)	4-12	C2					05OP	1/1	003							
(NOTE 312)	4-12	C2					051N	1/1	003							
(NOTE 312)	4-12	C2					051P	1/1	003							
(NOTE 312)	4-12	C2					1CON	4/1	006							
(NOTE 312)	4-12	C2					1COP	4/1	006							
(NOTE 312)	4-12	C2					1C1N	4/1	006							
(NOTE 312)	4-12	C2					1C1P	4/1	006							
(NOTE 312)	4-12	C2					11DON	4/1	006							
(NOTE 312)	4-12	C2					11DOP	4/1	006							
(NOTE 312)	4-12	C2					11O1N	4/1	006							
(NOTE 312)	4-12	C2					11O1P	4/1	006							
(NOTE 312)	4-12	C2					1N1N1N	4/1	006							
(NOTE 312)	4-12	C2					1N1N1P	4/1	006							
(NOTE 312)	4-12	C2					100DN	4/1	006							
(NOTE 312)	4-12	C2					100DP	4/1	006							
(NOTE 312)	4-12	C2					10D1N	4/1	006							
(NOTE 312)	4-12	C2					10D1P	4/1	006							
(NOTE 312)	4-12	C2					15DN	4/1	006							
(NOTE 312)	4-12	C2					15DP	4/1	006							
(NOTE 312)	4-12	C2					151N	4/1	006							
(NOTE 312)	4-12	C2					151P	4/1	006							
TIME SLOT INTERCHANGER UNIT (CONT)																
							0PB10N	1/1	004							
							0PB10P	1/1	004							
							0PB11N	1/1	004							
							0PB11P	1/1	004							
							0PB00N	1/1	004							
							0PB00P	1/1	004							
							0PB01N	1/1	004							
							0PB01P	1/1	004							
							1PB10N	4/1	007							
							1PB10P	4/1	007							
							1PB11N	4/1	007							
							1PB11P	4/1	007							
							1PB00N	4/1	007							
							1PB00P	4/1	007							

ISSUE	
8B	
DIGITAL SERVICE UNIT	
SD-5D035-01-A3	
AT&T BELL LABORATORIES	ENG. SIZE CZ

PART OF FS 1
DSCOM FGO

SYMBOL NO. 1

SYMBOL NO. 1 (CONT)

SYMBOL NO. 1 (CONT)

SYMBOL NO. 1 (CONT)

DESIG EOPT LOC CODE ELEM OPT
DSUCOM0 04-024 TN128 A

DESIG EOPT LOC CODE ELEM OPT
DSUCOM0 04-024 TN128 A

DESIG EOPT LOC CODE ELEM OPT
DSUCOM0 04-024 TN128 A

DESIG EOPT LOC CODE ELEM OPT
DSUCOM0 04-024 TN128 A

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE			
+5V00SCH	PWR	+5	000		1/1				
	PWR	+5	001		1/1				
	PWR	+5	100		1/1				
OASH00	PWR	+5	101		3/1				
	PWR	+5	238		1/1				
	PWR	+5	338		1/1				
OASH10	I	ASH0	343		2/1				
OA0SELO	O	A0SEL	341		2/1				
			042		2/1, 2/2				
OA1SELO	O	A1SEL	142		2/1, 2/2				
					2/3, 2/4				
					2/5, 2/6				
OA2SELO	O	A2SEL	043		2/1, 2/2				
					2/3, 2/4				
					2/5, 2/6				
OA3SELO	O	A3SEL	143		2/1, 2/2				
					2/3, 2/4				
					2/5, 2/6				
OA4SELO	O	A4SEL	044		2/1, 2/2				
					2/3, 2/4				
					2/5, 2/6				
OA5SELO	O	A5SEL	144		2/1, 2/2				
					2/3, 2/4				
					2/5, 2/6				
OA6SELO	O	A6SEL	045		2/1, 2/2				
					2/3, 2/4				
					2/5, 2/6				
OA7SELO	O	A7SEL	145		2/1, 2/2				
					2/3, 2/4				
					2/5, 2/6				
OB0SELO	O	B0SEL	046		2/1, 2/5				
			OB1SEL	146		2/1, 2/5			
OB2SELO	O	B2SEL	047		2/2, 2/6				
			OB3SELO	O	B3SEL	147		2/2, 2/6	
						OB4SELO	O	A4SEL	048
OB5SELO	O	B5SEL	148		2/3, 2/7				
			OB6SELO	O	B6SEL	049		2/4, 2/8	
						OB7SELO	O	B7SEL	149
OCURPRN	OT	-CURPR	012		2/1, 2/2				
					2/3, 2/4				
					2/5, 2/6				
OCURPRP	I	+CURPR	112		2/1, 2/2				
					2/3, 2/4				
					2/5, 2/6				
OCON	I	CON	254		2/1, 2/2				
					2/3, 2/4				
					2/5, 2/6				
OCOP	I	COP	354		2/1, 2/2				
					2/3, 2/4				
					2/5, 2/6				
OC1N	I	C1N	054		2/1, 2/2				
					2/3, 2/4				
					2/5, 2/6				
OC1P	I	C1P	154		2/1, 2/2				
					2/3, 2/4				
					2/5, 2/6				

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE		
ODATIN0	I	DATIN0	313		2/1			
			ODATIN1	I	DATIN1	315		2/2
						ODATIN2	I	DATIN2
ODATIN3	I	DATIN3	318		2/4			
			ODATIN4	I	DATIN4	319		2/5
						ODATIN5	I	DATIN5
ODATIN6	I	DATIN6	322		2/7			
			ODATIN7	I	DATIN7	324		2/8
						ODATOUT0	O	DATOUT0
ODATOUT1	O	DATOUT1	307		2/2			
			ODATOUT2	O	DATOUT2	208		2/3
						ODATOUT3	O	DATOUT3
ODATOUT4	O	DATOUT4	209		2/5			
			ODATOUT5	O	DATOUT5	309		2/6
						ODATOUT6	O	DATOUT6
ODATOUT7	O	DATOUT7	310		2/8			
			DDR	I	DROUT	349		2/1
						DSCFL00	I	DSCFL0
DSCFL10	I	DSCFL1	137		2/2			
			DSCFL20	I	DSCFL2	038		2/3
						DSCFL30	I	DSCFL3
DSCFL40	I	DSCFL4	039		2/5			
			DSCFL50	I	DSCFL5	139		2/6
						DSCFL60	I	DSCFL6
DSCFL70	I	DSCFL7	140		2/8			
			DSCCLK	O	DSCKOUT	345		2/1, 2/2
								2/3, 2/4
DSCPE00	I	DSCPE0	233		2/1, 2/2			
					2/3, 2/4			
					2/5, 2/6			
DSCPE10	I	DSCPE1	333		2/2			
			DSCPE20	I	DSCPE2	234		2/3
						DSCPE30	I	DSCPE3
DSCPE40	I	DSCPE4	235		2/5			
			DSCPE50	I	DSCPE5	335		2/6
						DSCPE60	I	DSCPE6
DSCPE70	I	DSCPE7	336		2/8			
			ODN	O	DNOUT	347		2/1, 2/2
								2/3, 2/4
OGRDSCH	GRD	GRD	006		2/5, 2/6			
					2/7, 2/8			
					2/1			
GRD	GRD	GRD	011		2/2			
			GRD	GRD	014		2/3	
					GRD	GRD	017	
GRD	GRD	GRD	020				2/5	
			GRD	GRD	023		2/6	
					GRD	GRD	032	
GRD	GRD	GRD	041				2/8	
			GRD	GRD	050		2/1, 2/2	
					GRD	GRD	106	
GRD	GRD	GRD	111				2/5, 2/6	
			GRD	GRD	113		2/7, 2/8	
					GRD	GRD	114	
GRD	GRD	GRD	115				2/2	
			GRD	GRD	116		2/3	
					GRD	GRD	117	
GRD	GRD	GRD	118				2/5	
			GRD	GRD	119		2/6	
					GRD	GRD	120	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE		
GRD	GRD	GRD	121					
			GRD	GRD	122			
					GRD	GRD	123	
GRD	GRD	GRD	124					
			GRD	GRD	132			
					GRD	GRD	141	
GRD	GRD	GRD	150					
			GRD	GRD	200			
					GRD	GRD	201	
GRD	GRD	GRD	206					
			GRD	GRD	211			
					GRD	GRD	213	
GRD	GRD	GRD	214					
			GRD	GRD	215			
					GRD	GRD	216	
GRD	GRD	GRD	217					
			GRD	GRD	218			
					GRD	GRD	219	
GRD	GRD	GRD	220					
			GRD	GRD	221			
					GRD	GRD	222	
GRD	GRD	GRD	223					
			GRD	GRD	224			
					GRD	GRD	232	
GRD	GRD	GRD	241					
			GRD	GRD	250			
					GRD	GRD	300	
GRD	GRD	GRD	301					
			GRD	GRD	306			
					GRD	GRD	311	
GRD	GRD	GRD	314					
			GRD	GRD	317			
					GRD	GRD	320	
GRD	GRD	GRD	323					
			GRD	GRD	332			
					GRD	GRD	337	
GRD	GRD	GRD	339					
			GRD	GRD	340			
					GRD	GRD	342	
GRD	GRD	GRD	344					
			GRD	GRD	346			
					GRD	GRD	348	
O100N	O	100N	256				TO INTERFACE MODULE PROCESSOR UNIT	
			O100P	O	100P	356		TO INTERFACE MODULE PROCESSOR UNIT
						O101N	O	101N
O101P	O	101P	156		TO INTERFACE MODULE PROCESSOR UNIT			
			O10NTON	O	N10TON	252		TO INTERFACE MODULE PROCESSOR UNIT
						O10NTOPT	O	N10TOPT
O10N1N	O	N10N1N	052		TO INTERFACE MODULE PROCESSOR UNIT			
			O10N1TP	O	N10N1TP	152		TO INTERFACE MODULE PROCESSOR UNIT

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE		
ONLAMP	O	NLAMP	212		3/1			
			OD00N	I	OD00N	255		TO INTERFACE MODULE PROCESSOR UNIT
						OD00P	I	OD00P
OD01N	I	OD1N	055		TO INTERFACE MODULE PROCESSOR UNIT			
			OD01P	I	OD1P	155		TO INTERFACE MODULE PROCESSOR UNIT
						OPB10N	O	PB10N
OPB10P	O	PB10P	203		TO TIME SLOT INTERCHANGER UNIT			
			OPB11N	O	PB11N	103		TO TIME SLOT INTERCHANGER UNIT
						OPB11P	O	PB11P
OPB00N	I	PB00N	302		TO TIME SLOT INTERCHANGER UNIT			
			OPB00P	I	PB00P	202		TO TIME SLOT INTERCHANGER UNIT
						OPB01N	I	PB01N
OPB01P	I	PB01P	002		TO TIME SLOT INTERCHANGER UNIT			
			OPLAMP	O	PLAMP	312		3/1
						OROSEL	O	ROSEL
OR1SEL	O	R1SEL	244		2/1, 2/2			
			OR2SEL	O	R2SEL	243		2/3, 2/4
						OR3SEL	O	R3SEL
OSMSCN00	I	SMSCN0	033		2/1			
			OSMSCN10	I	SMSCN1	133		2/2
						OSMSCN20	I	SMSCN2
OSMSCN30	I	SMSCN3	134		2/4			
			OSMSCN40	I	SMSCN4	035		2/5
						OSMSCN50	I	SMSCN5
OSMSCN60	I	SMSCN6	036		2/7			
			OSMSCN70	I	SMSCN7	136		2/8
						OSON	I	SON

PART OF FS 1
SYMBOL(S) 1

DIGITAL SERVICE UNIT		DWG SIZE	ISSUE
		2	7AC
AT&T BELL LABORATORIES	SD-5D035-01	B1CA	

PRINTED IN U. S. A. 07/3

PART OF FS 1
DSCOM FGO

SYMBOL NO. 1 (CONT)
OTN128

DESIG EOPT COOE ELEM OPT
DSUCOM0 04-024 TN128 A

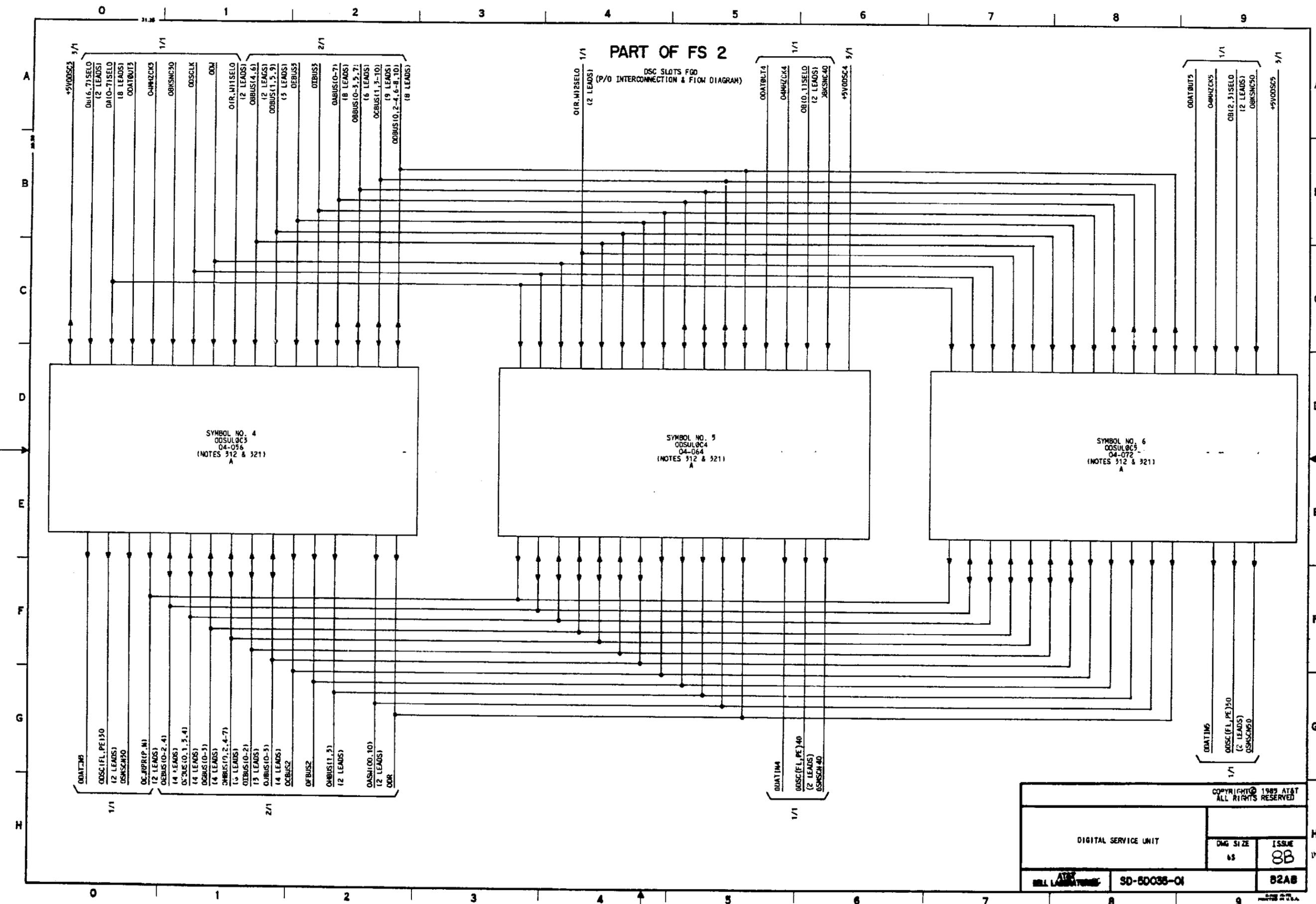
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
0S0P	I	S0P	353	TO INTERFACE MODULE PROCESSOR UNIT	
0S1N	I	S1N	053	TO INTERFACE MODULE PROCESSOR UNIT	
0S1P	I	S1P	153	TO INTERFACE MODULE PROCESSOR UNIT	
0W0SEL0	0	W0SEL	249		
0W1SEL0	0	W1SEL	248	2/1,2/2	
0W2SEL0	0	W2SEL	247	2/3,2/4	
				2/5,2/6	
				2/7,2/8	
0W3SEL0	0	W3SEL	246		
04MCON	I	4MCON	305	TO TIME SLOT INTERCHANGER UNIT	
04MCOP	I	4MCOP	205	TO TIME SLOT INTERCHANGER UNIT	
04MC1N	I	4MC1N	105	TO TIME SLOT INTERCHANGER UNIT	
04MC1P	I	4MC1P	005	TO TIME SLOT INTERCHANGER UNIT	
04MHZCK0	0	4MHZCK0	013	2/1	
04MHZCK1	0	4MHZCK1	015	2/2	
04MHZCK2	0	4MHZCK2	016	2/3	
04MHZCK3	0	4MHZCK3	018	2/4	
04MHZCK4	0	4MHZCK4	019	2/5	
04MHZCK5	0	4MHZCK5	021	2/6	
04MHZCK6	0	4MHZCK6	022	2/7	
04MHZCK7	0	4MHZCK7	024	2/8	
08KSN00	0	8KSYN0	007	2/1	
08KSN10	0	8KSYN1	107	2/2	
08KSN20	0	8KSYN2	008	2/3	
08KSN30	0	8KSYN3	108	2/4	
08KSN40	0	8KSYN4	009	2/5	
08KSN50	0	8KSYN5	109	2/6	
08KSN60	0	8KSYN6	010	2/7	
08KSN70	0	8KSYN7	110	2/8	
08KSON	I	8KSON	304	TO TIME SLOT INTERCHANGER UNIT	
08KSOP	I	8KSOP	204	TO TIME SLOT INTERCHANGER UNIT	
08KS1N	I	8KS1N	104	TO TIME SLOT INTERCHANGER UNIT	
08KS1P	I	8KS1P	004	TO TIME SLOT INTERCHANGER UNIT	

PART OF FS 1
SYMBOL(S) 1

DIGITAL SERVICE UNIT		DWG SIZE	ISSUE
		2	7AC
BELL LABORATORIES	SD-5D035-01	B1CB	

PRINTED IN U. S. A.

07/30/85



PART OF FS 2

DSC SLOTS FOR
(P/O INTERCONNECTION & FLOW DIAGRAM)

SYMBOL NO. 4
ODSUL0C3
04-056
(NOTES 312 & 321)
A

SYMBOL NO. 5
ODSUL0C4
04-064
(NOTES 312 & 321)
A

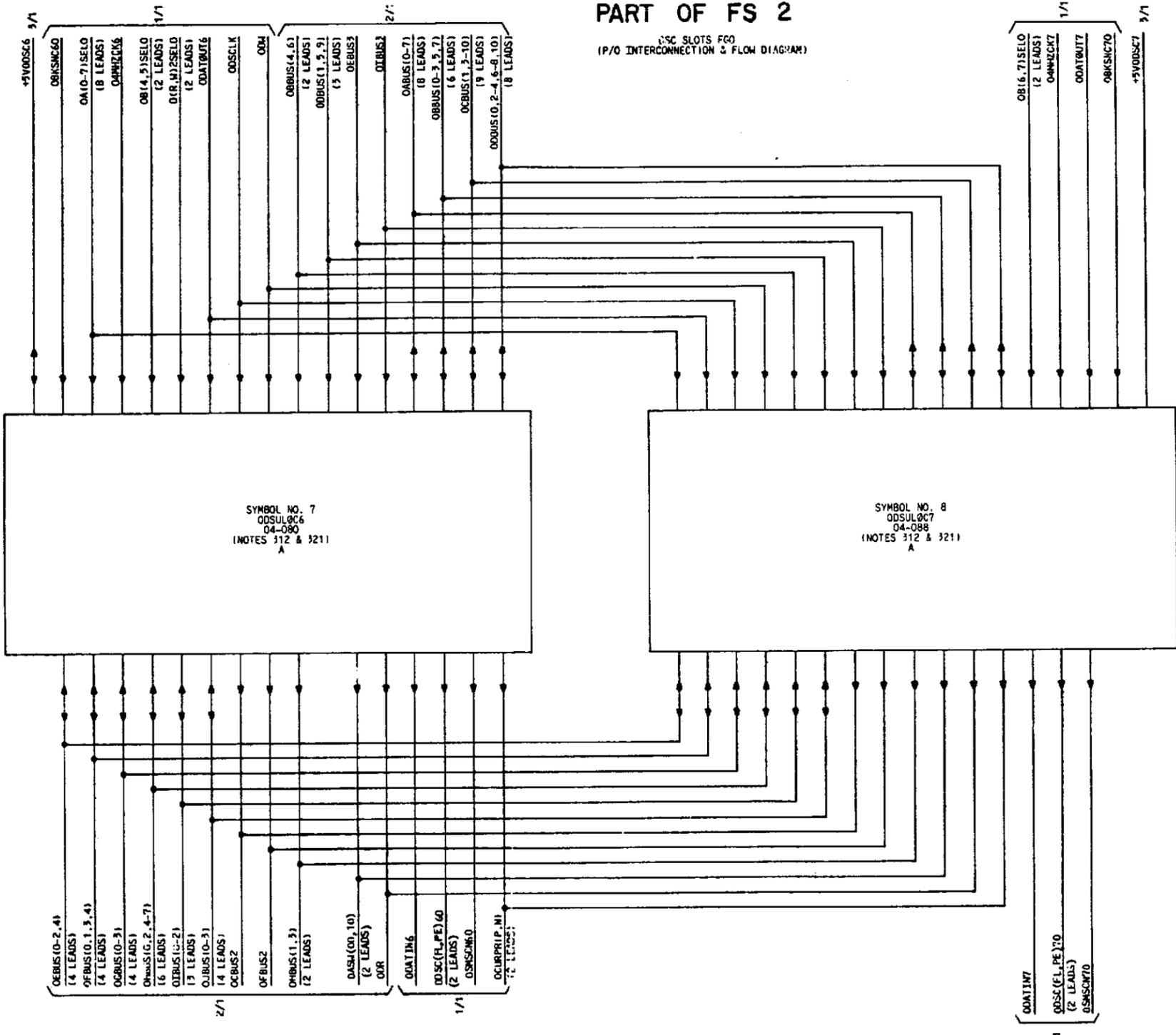
SYMBOL NO. 6
ODSUL0C5
04-072
(NOTES 312 & 321)
A

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DIGITAL SERVICE UNIT	DIM SIZE	ISSUE
	65	8B
SD-80035-01		82AB

PART OF FS 2

OSC SLOTS FGO
(P/O INTERCONNECTION & FLOW DIAGRAM)



SYMBOL NO. 7
ODSUL0C6
04-080
(NOTES 312 & 321)
A

SYMBOL NO. 8
ODSUL0C7
04-088
(NOTES 312 & 321)
A

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DIGITAL SERVICE UNIT		ONE SIZE	ISSUE
		43	8B
AT&T BELL LABORATORIES	SD-50035-01	B2AC	

PART OF FS 2
DSC SLOTS FGO

SYMBOL NO. 1
ODSULOCO

SYMBOL NO. 1 (CONT)
ODSULOCO

SYMBOL NO. 1 (CONT)
ODSULOCO

SYMBOL NO. 1 (CONT)
ODSULOCO

DESIG EOPT CODE ELEM OPT
(NOTE 31) LOC 04-032 (NOTES 312 & 321) IDENT A

DESIG EOPT CODE ELEM OPT
(NOTE 31) LOC 04-032 (NOTES 312 & 321) IDENT A

DESIG EOPT CODE ELEM OPT
(NOTE 31) LOC 04-032 (NOTES 312 & 321) IDENT A

DESIG EOPT CODE ELEM OPT
(NOTE 31) LOC 04-032 (NOTES 312 & 321) IDENT A

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	I	CON005	005			
	I	CON038	038			
	I	CON044	044			
	I	CON046	046			
	I	CON138	138			
	I	CON144	144			
	I	CON244	244			
	I	CON344	344			
+5VODSCO	PWR	+5	001		2/1	
	PWR	+5	100		2/1	
	PWR	+5	101		2/1	
	PWR	+5V141	141		2/1	
	PWR	+5	238		2/1	
	PWR	+5	338		3/1	
	PWR	+5V341	341		2/1	
	I	+5VLONG	000		2/1	
	I	+5V041	041		2/1	
	I	+5V241	241		2/1	
OABUS0	ID	ABUS0	002		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OABUS1	ID	ABUS1	102		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OABUS2	ID	ABUS2	003		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OABUS3	ID	ABUS3	103		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OABUS4	ID	ABUS4	012		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OABUS5	ID	ABUS5	112		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OABUS6	ID	ABUS6	203		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OABUS7	ID	ABUS7	303		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OASH00	OT	ASH0	347		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
	I				1/1	
OASH10	OT	ASH1	346		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
	I				1/1	
OAOSELO	I	A0SEL	034		1/1	
OAISELO	I	A1SEL	035		1/1	
OAZSELO	I	A2SEL	036		1/1	
OASSELO	I	A3SEL	037		1/1	
OAASELO	I	A4SEL	334		1/1	
OASSELO	I	A5SEL	335		1/1	
OAASELO	I	A6SEL	336		1/1	
OAASELO	I	A7SEL	337		1/1	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
OBBUS0	ID	BBUS0	010		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OBBUS1	ID	BBUS1	110		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OBBUS2	ID	BBUS2	011		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OBBUS3	ID	BBUS3	111		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OBBUS4	I	RTSA4	210		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OBBUS5	ID	BBUS5	310		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OBBUS6	I	RTSA6	211		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OBBUS7	ID	BBUS7	311		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OBOSELO	I	BNSEL	039		1/1	
OBISELO	I	BNSEL	040		1/1	
OCBUS0	ID	CBUS0	013		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OCBUS1	ID	CBUS1	014		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OCBUS10	ID	CBUS10	120		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OCBUS2	OT	DATA1	114		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OCBUS3	ID	CBUS3	015		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OCBUS4	ID	CBUS4	016		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OCBUS5	ID	CBUS5	017		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OCBUS6	ID	CBUS6	117		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OCBUS7	ID	CBUS7	018		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OCBUS8	ID	CBUS8	019		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OCBUS9	ID	EBUS9	020		2/2, 2/3 2/4, 2/5	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
					2/6, 2/7 2/8	
ODURPRN	OT	-CURPR	202		1/1	
ODURPRP	OT	+CURPR	302		1/1	
ODATINO	O	DATOUTH	308		1/1	
ODATOLTO	I	DATINN	207		1/1	
ODBUS0	ID	DBUS0	313		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
ODBUS1	I	AD1B	214		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
ODBUS10	ID	DBUS10	320		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
ODBUS2	ID	DBUS2	314		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
ODBUS3	ID	DBUS3	315		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
ODBUS4	ID	DBUS4	316		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
ODBUS5	I	AD5B	217		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
ODBUS6	ID	DBUS6	317		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
ODBUS7	ID	DBUS7	318		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
ODBUS8	ID	DBUS8	319		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
ODBUS9	I	WRB	220		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
ODR	OT	DTRD	349		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
					1/1	
ODSCFL00	I	DSCFLN	342		1/1	
ODSCLK	I	DSCCLK	049		1/1	
ODSCPE00	O	DSCPEN	343		1/1	
ODM	I	OTWR	348		1/1	
OEBS0	ID	EBUS0	021		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OEBS1	ID	EBUS1	022		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OEBS2	ID	EBUS2	023		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OEBS3	I	IONB	123		2/2, 2/3 2/4, 2/5 2/6, 2/7	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
					2/8	
OEBS4	ID	EBUS4	024		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OFBUS0	ID	FBUS0	321		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OFBUS1	ID	FBUS1	322		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OFBUS2	OT	DR	223		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OFBUS3	ID	FBUS3	323		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OFBUS4	ID	FBUS4	324		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OGBUS0	ID	GBUS0	032		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OGBUS1	ID	GBUS1	033		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OGBUS2	ID	GBUS2	332		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OGBUS3	ID	GBUS3	333		2/2, 2/3 2/4, 2/5 2/6, 2/7 2/8	
OGRDSCO	OT	GRD137	137			
	OT	GRD140	140			
	OT	GRD143	143			
	OT	GRD148	148			
	OT	GRD150	150			
	OT	GRD154	154			
	OT	GRD156	156			
	OT	GRD236	236			
	OT	GRD239	239			
	OT	GRD242	242			
	OT	GRD245	245			
	OT	GRD247	247			
	OT	GRD249	249			
	OT	GRD253	253			
	OT	GRD255	255			
	OT	GRD350	350			

PART OF FS 2
SYMBOL(S) 1

DIGITAL SERVICE UNIT		DWG SIZE	ISSUE
		12	8B
AT&T BELL LABORATORIES	SD-50035-01	BZCA	

PART OF FS 2
DSC SLOTS FGO

SYMBOL NO. 1 (CONT)
ODSULOC0

SYMBOL NO. 1 (CONT)
ODSULOC0

SYMBOL NO. 1 (CONT)
ODSULOC0

SYMBOL NO. 2 (CONT)
ODSULOC1

DESIG EQPT CODE ELEM OPT
LOC LOC CODE IDENT OPT
(NOTE 31) 04-032 (NOTES 312 & 321) A

DESIG EQPT CODE ELEM OPT
LOC LOC CODE IDENT OPT
(NOTE 31) 04-032 (NOTES 312 & 321) A

DESIG EQPT CODE ELEM OPT
LOC LOC CODE IDENT OPT
(NOTE 31) 04-032 (NOTES 312 & 321) A

DESIG EQPT CODE ELEM OPT
LOC LOC CODE IDENT OPT
(NOTE 31) 04-040 (NOTES 312 & 321) A

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
I	GRD006	006			
I	GRD008	008			
I	TCS2A	045			
I	GRD047	047			
I	GRD104	104			
I	GRD107	107			
I	GRD109	109			
I	GRD116	116			
I	GRD119	119			
I	GRD122	122			
I	GRD133	133			
I	GRD135	135			
I	GRD146	146			
I	GRD205	205			
I	GRD208	208			
I	GRD213	213			
I	GRD215	215			
I	GRD218	218			
I	GRD221	221			
I	GRD232	232			
I	GRD234	234			
I	GRD306	306			
I	GRD309	309			
I	GRD312	312			
GRD	GRD	004			
GRD	GRD	007			
GRD	GRD	009			
GRD	GRD	043			
GRD	GRD	048			
GRD	GRD	050			
GRD	GRD	105			
GRD	GRD	108			
GRD	GRD	113			
GRD	GRD	115			
GRD	GRD	118			
GRD	GRD	121			
GRD	GRD	124			
GRD	GRD	132			
GRD	GRD	134			
GRD	GRD	136			
GRD	GRD	139			
GRD	GRD	142			
GRD	GRD	145			
GRD	GRD	147			
GRD	GRD	149			
GRD	GRD	153			
GRD	GRD	155			
GRD	GRD	200			
GRD	GRD	201			
GRD	GRD	204			
GRD	GRD	206			
GRD	GRD	209			
GRD	GRD	212			
GRD	GRD	216			
GRD	GRD	219			
GRD	GRD	222			
GRD	GRD	224			
GRD	GRD	233			

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
GRD	GRD	235			
GRD	GRD	237			
GRD	GRD	240			
GRD	GRD	243			
GRD	GRD	246			
GRD	GRD	248			
GRD	GRD	250			
GRD	GRD	254			
GRD	GRD	256			
GRD	GRD	300			
GRD	GRD	301			
GRD	GRD	304			
GRD	GRD	307			
GRD	GRD	345			
OHBUS0	IO	HBUS0	051		2/2,2/3 2/4,2/5 2/6,2/7 2/8
OHBUS1	OT	BDS1	151		2/2,2/3 2/4,2/5 2/6,2/7 2/8
OHBUS2	IO	HBUS2	052		2/2,2/3 2/4,2/5 2/6,2/7 2/8
OHBUS3	OT	BDS3	152		2/2,2/3 2/4,2/5 2/6,2/7 2/8
OHBUS4	IO	HBUS4	251		2/2,2/3 2/4,2/5 2/6,2/7 2/8
OHBUS5	IO	HBUS5	351		2/2,2/3 2/4,2/5 2/6,2/7 2/8
OHBUS6	IO	HBUS6	252		2/2,2/3 2/4,2/5 2/6,2/7 2/8
OHBUS7	IO	HBUS7	352		2/2,2/3 2/4,2/5 2/6,2/7 2/8
OBUS0	IO	IBUS0	053		2/2,2/3 2/4,2/5 2/6,2/7 2/8
OBUS1	IO	IBUS1	054		2/2,2/3 2/4,2/5 2/6,2/7 2/8
OBUS2	IO	IBUS2	055		2/2,2/3 2/4,2/5 2/6,2/7 2/8
OBUS3	I	5MHZ	056		2/2,2/3 2/4,2/5 2/6,2/7 2/8
OJBUS0	IO	JBUS0	353		2/2,2/3 2/4,2/5 2/6,2/7 2/8
OJBUS1	IO	JBUS1	354		2/2,2/3 2/4,2/5 2/6,2/7 2/8
OJBUS2	IO	JBUS2	355		2/2,2/3 2/4,2/5 2/6,2/7 2/8

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
OJBUS3	IO	JBUS3	356		2/8 2/2,2/3 2/4,2/5 2/6,2/7 2/8
OR1SELO	I	RDSEL	340		1/1
OSMSCN00	0	SMSCNN	042		1/1
OW1SELO	I	WRSEL	339		1/1
O4MHZCK0	I	4MHZCKN	305		1/1
OBKSNCO0	I	BKSYNCO	106		1/1

SYMBOL NO. 2
ODSULOC1

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
(NOTE 31)	04-040	(NOTES 312 & 321)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
NC	I	CON005	005		
	I	CON038	038		
	I	CON044	044		
	I	CON046	046		
	I	CON138	138		
	I	CON144	144		
	I	CON244	244		
	I	CON344	344		
+5V0DSC1	PHR	+5	001		2/2
	PHR	+5	100		2/2
	PHR	+5	101		3/1
	PHR	+5V141	141		2/2
	PHR	+5	238		2/2
	PHR	+5	338		2/2
	PHR	+5V341	341		2/2
	I	+5VLONG	000		2/2
	I	+5V041	041		2/2
	I	+5V241	241		2/2
OABUS0	IO	ABUS0	002		2/1
OABUS1	IO	ABUS1	102		2/1
OABUS2	IO	ABUS2	003		2/1
OABUS3	IO	ABUS3	103		2/1
OABUS4	IO	ABUS4	012		2/1
OABUS5	IO	ABUS5	112		2/1
OABUS6	IO	ABUS6	203		2/1
OABUS7	IO	ABUS7	303		2/1
OASH00	OT	ASH0	347		2/1
OASW10	OT	ASW1	346		2/1
OAOSELO	I	A0SEL	034		1/1
OA1SELO	I	A1SEL	035		1/1
OA2SELO	I	A2SEL	036		1/1
OA3SELO	I	A3SEL	037		1/1
OA4SELO	I	A4SEL	334		1/1
OA5SELO	I	A5SEL	335		1/1
OA6SELO	I	A6SEL	336		1/1
OA7SELO	I	A7SEL	337		1/1

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
OBBUS0	IO	BBUS0	010		2/1
OBBUS1	IO	BBUS1	110		2/1
OBBUS2	IO	BBUS2	011		2/1
OBBUS3	IO	BBUS3	111		2/1
OBBUS4	I	RTSA4	210		2/1
OBBUS5	IO	BBUS5	310		2/1
OBBUS6	I	RTSA6	211		2/1
OBBUS7	IO	BBUS7	311		2/1
OB2SELO	I	B2SEL	039		1/1
OB3SELO	I	B3SEL	040		1/1
OCBUS0	IO	CBUS0	013		2/1
OCBUS1	IO	CBUS1	014		2/1
OCBUS10	IO	CBUS10	120		2/1
OCBUS2	OT	CATA1	114		2/1
OCBUS3	IO	CBUS3	015		2/1
OCBUS4	IO	CBUS4	016		2/1
OCBUS5	IO	CBUS5	017		2/1
OCBUS6	IO	CBUS6	117		2/1
OCBUS7	IO	CBUS7	018		2/1
OCBUS8	IO	CBUS8	019		2/1
OCBUS9	IO	CBUS9	020		2/1
OCURPRN	OT	-CURPR	202		1/1
OCURPRP	OT	+CURPR	302		1/1
ODATIN1	0	DATOUTN	308		1/1
ODATOUT1	I	DATINN	207		1/1
ODBUS0	IO	DBUS0	313		2/1
ODBUS1	I	AD1B	214		2/1
ODBUS10	IO	DBUS10	320		2/1
ODBUS2	IO	DBUS2	314		2/1
ODBUS3	IO	DBUS3	315		2/1
ODBUS4	IO	DBUS4	316		2/1
ODBUS5	I	AD5B	217		2/1
ODBUS6	IO	DBUS6	317		2/1
ODBUS7	IO	DBUS7	318		2/1
ODBUS8	IO	DBUS8	319		2/1
ODBUS9	I	WRB	220		2/1
ODR	OT	DTRD	349		2/1
ODSCFL10	0	DSCFLN	342		1/1
ODSCLK	I	DSCCLK	049		1/1
ODSCPE10	0	DSCPEN	343		1/1
ODW	I	DTHR	348		1/1
OEBS0	IO	EBUS0	021		2/1
OEBS1	IO	EBUS1	022		2/1
OEBS2	IO	EBUS2	023		2/1
OEBS3	I	IONB	123		2/1
OEBS4	IO	EBUS4	024		2/1
OFBUS0	IO	FBUS0	321		2/1
OFBUS1	IO	FBUS1	322		2/1
OFBUS2	OT	DR	223		2/1
OFBUS3	IO	FBUS3	323		2/1

PART OF FS 2
SYMBOL(S) 1 2

DIGITAL SERVICE UNIT		DWG SIZE	ISSUE
		12	8B
AT&T BELL LABORATORIES	SD-50035-01	B2CB	

PRINTED IN U. S. A. 07/30/85

PART OF FS 2
DSC SLOTS FGO

SYMBOL NO. 2 (CONT)
QDSULOC1

SYMBOL NO. 2 (CONT)
QDSULOC1

SYMBOL NO. 3
QDSULOC2

SYMBOL NO. 3 (CONT)
QDSULOC2

DESIG EQPT LOC CODE ELEM IDENT OPT
(NOTE 31) 04-040 (NOTES 312 & 321) A

DESIG EQPT LOC CODE ELEM IDENT OPT
(NOTE 31) 04-040 (NOTES 312 & 321) A

DESIG EQPT LOC CODE ELEM IDENT OPT
(NOTE 31) 04-048 (NOTES 312 & 321) A

DESIG EQPT LOC CODE ELEM IDENT OPT
(NOTE 31) 04-048 (NOTES 312 & 321) A

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
OFBUS4	IO	FBUS4	324		Z/1	
OGBUS0	IO	GBUS0	032		Z/1	
OGBUS1	IO	GBUS1	033		Z/1	
OGBUS2	IO	GBUS2	332		Z/1	
OGBUS3	IO	GBUS3	333		Z/1	
OGRDSC1	OT	GRD137	137			
	OT	GRD140	140			
	OT	GRD143	143			
	OT	GRD148	148			
	OT	GRD150	150			
	OT	GRD154	154			
	OT	GRD156	156			
	OT	GRD236	236			
	OT	GRD239	239			
	OT	GRD242	242			
	OT	GRD245	245			
	OT	GRD247	247			
	OT	GRD249	249			
	OT	GRD253	253			
	OT	GRD255	255			
	OT	GRD350	350			
	I	GRD006	006			
	I	GRD008	008			
	I	TCS2A	045			
	I	GRD047	047			
	I	GRD104	104			
	I	GRD107	107			
	I	GRD109	109			
	I	GRD116	116			
	I	GRD119	119			
	I	GRD122	122			
	I	GRD133	133			
	I	GRD135	135			
	I	GRD146	146			
	I	GRD205	205			
	I	GRD208	208			
	I	GRD213	213			
	I	GRD215	215			
	I	GRD218	218			
	I	GRD221	221			
	I	GRD232	232			
	I	GRD234	234			
	I	GRD306	306			
	I	GRD309	309			
	I	GRD312	312			
	GRD	GRD	007			
	GRD	GRD	009			
	GRD	GRD	043			
	GRD	GRD	048			
	GRD	GRD	050			
	GRD	GRD	105			
	GRD	GRD	108			
	GRD	GRD	113			
	GRD	GRD	115			
	GRD	GRD	118			
	GRD	GRD	121			
	GRD	GRD	124			
	GRD	GRD	132			
	GRD	GRD	134			
	GRD	GRD	136			
	GRD	GRD	139			
	GRD	GRD	142			
	GRD	GRD	145			
	GRD	GRD	147			
	GRD	GRD	149			
	GRD	GRD	153			
	GRD	GRD	155			
	GRD	GRD	200			
	GRD	GRD	201			
	GRD	GRD	204			
	GRD	GRD	236			
	GRD	GRD	209			
	GRD	GRD	212			
	GRD	GRD	216			
	GRD	GRD	219			
	GRD	GRD	222			
	GRD	GRD	224			
	GRD	GRD	233			
	GRD	GRD	235			
	GRD	GRD	237			
	GRD	GRD	240			
	GRD	GRD	243			
	GRD	GRD	246			
	GRD	GRD	248			
	GRD	GRD	250			
	GRD	GRD	254			
	GRD	GRD	256			
	GRD	GRD	300			
	GRD	GRD	301			
	GRD	GRD	304			
	GRD	GRD	307			
	GRD	GRD	345			
	IO	HBUS0	051		Z/1	
	OT	BOS1	151		Z/1	
	IO	HBUS2	052		Z/1	
	OT	BOS3	152		Z/1	
	IO	HBUS4	251		Z/1	
	IO	HBUS5	351		Z/1	
	IO	HBUS6	252		Z/1	
	IO	HBUS7	352		Z/1	
	IO	IBUS0	053		Z/1	
	IO	IBUS1	054		Z/1	
	IO	IBUS2	055		Z/1	
	I	5MHZ	056		Z/1	
	IO	JBUS0	353		Z/1	
	IO	JBUS1	354		Z/1	
	IO	JBUS2	355		Z/1	
	IO	JBUS3	356		Z/1	
	I	ROSEL	340		1/1	
	O	SMSCNN	042		1/1	
	I	WRSEL	339		1/1	
	I	4MHZCKN	305		1/1	
	I	8KSYNC	106		1/1	
	NC					
	I	CON005	005			
	I	CON038	038			
	I	CON044	044			
	I	CON046	046			
	I	CON138	138			
	I	CON144	144			
	I	EUN244	244			
	I	CON344	344			
	PHR	+5	001		Z/3	
	PHR	+5	100		Z/3	
	PHR	+5	101		3/1	
	PHR	+5V141	141		Z/3	
	PHR	+5	238		Z/3	
	PHR	+5	338		Z/3	
	PHR	-5V341	341		Z/3	
	I	-5VLONG	000		Z/3	
	I	-5V041	041		Z/3	
	I	-5V241	241		Z/3	
	IO	ABUS0	002		Z/1	
	IO	ABUS1	102		Z/1	
	IO	ABUS2	003		Z/1	
	IO	ABUS3	103		Z/1	
	IO	ABUS4	012		Z/1	
	IO	ABUS5	112		Z/1	
	IO	ABUS6	203		Z/1	
	IO	ABUS7	303		Z/1	
	OT	ASH0	347		Z/1	
	OT	ASH1	346		Z/1	
	I	A0SEL	034		1/1	
	I	A1SEL	035		1/1	
	I	A2SEL	036		1/1	
	I	A3SEL	037		1/1	
	I	A4SEL	334		1/1	
	I	A5SEL	335		1/1	
	I	B6SEL	336		1/1	
	I	A7SEL	337		1/1	
	IO	BBUS0	010		Z/1	
	IO	BBUS1	110		Z/1	
	IO	BBUS2	011		Z/1	
	IO	BBUS3	111		Z/1	
	I	RTSA4	210		Z/1	
	IO	BBUS5	310		Z/1	
	I	RTSA6	211		Z/1	
	IO	BBUS7	311		Z/1	
	I	BMSEL	039		1/1	
	I	BNSEL	040		1/1	
	IO	CBUS0	013		Z/1	
	IO	CBUS1	014		Z/1	
	IO	CBUS10	120		Z/1	
	O	DATA1	114		Z/1	
	IO	CBUS3	015		Z/1	
	IO	CBUS4	016		Z/1	
	IO	CBUS5	017		Z/1	
	IO	CBUS6	117		Z/1	
	IO	CBUS7	018		Z/1	
	IO	CBUS8	019		Z/1	
	IO	CBUS9	020		Z/1	
	O	-CURPR	202		1/1	
	O	-CURPRP	302		1/1	
	D	DATOUTN	308		1/1	
	IO	DBUS0	313		Z/1	
	IO	DBUS2	314		Z/1	
	I	AD1B	214		Z/1	
	IO	DBUS10	320		Z/1	
	IO	DBUS2	314		Z/1	
	IO	DBUS3	315		Z/1	
	IO	DBUS4	316		Z/1	
	I	AD5B	217		Z/1	
	IO	DBUS6	317		Z/1	
	IO	DBUS7	318		Z/1	
	IO	DBUS8	319		Z/1	
	I	WPB	220		Z/1	
	OT	DTRD	349		Z/1	
	O	DSCFLN	342		1/1	
	I	DCLK	049		1/1	
	O	DSEPN	343		1/1	
	I	OTWR	348		1/1	
	IO	EBUS0	021		Z/1	
	IO	EBUS1	022		Z/1	
	IO	EBUS2	023		Z/1	
	I	EQAB	123		Z/1	
	IO	EBUS4	024		Z/1	
	IO	FBUS0	321		Z/1	
	IO	FBUS1	322		Z/1	
	OT	DR	223		Z/1	
	IO	FBUS3	323		Z/1	
	IO	FBUS4	324		Z/1	
	IO	GBUS0	032		Z/1	
	IO	GBUS1	033		Z/1	
	IO	GBUS2	332		Z/1	
	IO	GBUS3	333		Z/1	
	OT	GRD137	137			
	OT	GRD140	140			
	OT	GRD143	143			
	OT	GRD148	148			
	OT	GRD150	150			
	OT	GRD154	154			
	OT	GRD156	156			
	OT	GRD236	236			
	OT	GRD239	239			
	OT	GRD242	242			
	OT	GRD245	245			
	OT	GRD247	247			
	OT					

PART OF FS 2
DSC SLOTS FGO

SYMBOL NO. 3 (CONT)
ODSULOC2

SYMBOL NO. 3 (CONT)
ODSULOC2

SYMBOL NO. 4 (CONT)
ODSULOC3

SYMBOL NO. 4 (CONT)
ODSULOC3

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
(NOTE 31)	04-048	(NOTES 312 & 321)	A		
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
I	GRD047	047			
I	GRD104	104			
I	GRD107	107			
I	GRD109	109			
I	GRD116	116			
I	GRD119	119			
I	GRD122	122			
I	GRD133	133			
I	GRD135	135			
I	GRD146	146			
I	GRD205	205			
I	GRD208	208			
I	GRD213	213			
I	GRD215	215			
I	GRD218	218			
I	GRD221	221			
I	GRD232	232			
I	GRD234	234			
I	GRD306	306			
I	GRD309	309			
I	GRD312	312			
GRD	GRD	004			
GRD	GRD	007			
GRD	GRD	009			
GRD	GRD	043			
GRD	GRD	048			
GRD	GRD	050			
GRD	GRD	105			
GRD	GRD	108			
GRD	GRD	113			
GRD	GRD	115			
GRD	GRD	118			
GRD	GRD	121			
GRD	GRD	124			
GRD	GRD	132			
GRD	GRD	134			
GRD	GRD	136			
GRD	GRD	139			
GRD	GRD	142			
GRD	GRD	145			
GRD	GRD	147			
GRD	GRD	149			
GRD	GRD	153			
GRD	GRD	155			
GRD	GRD	200			
GRD	GRD	201			
GRD	GRD	204			
GRD	GRD	206			
GRD	GRD	209			
GRD	GRD	212			
GRD	GRD	216			
GRD	GRD	219			
GRD	GRD	222			
GRD	GRD	224			
GRD	GRD	233			
GRD	GRD	235			
GRD	GRD	237			
GRD	GRD	240			

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
(NOTE 31)	04-048	(NOTES 312 & 321)	A		
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
GRD	GRD	243			
GRD	GRD	246			
GRD	GRD	248			
GRD	GRD	250			
GRD	GRD	254			
GRD	GRD	256			
GRD	GRD	300			
GRD	GRD	301			
GRD	GRD	304			
GRD	GRD	307			
GRD	GRD	345			
IO	HBUS0	051		2/1	
OT	BDS1	151		2/1	
IO	HBUS2	052		2/1	
OT	BDS3	152		2/1	
IO	HBUS4	251		2/1	
IO	HBUS5	351		2/1	
IO	HBUS6	252		2/1	
IO	HBUS7	352		2/1	
IO	IBUS0	053		2/1	
IO	IBUS1	054		2/1	
IO	IBUS2	055		2/1	
I	5MHZ	056		2/1	
IO	JBUS0	353		2/1	
IO	JBUS1	354		2/1	
IO	JBUS2	355		2/1	
IO	JBUS3	356		2/1	
I	RDSEL	340		1/1	
O	SMSCN0	042		1/1	
I	WRSEL	339		1/1	
I	4MHZCK2	305		1/1	
I	8K5YNC	106		1/1	

SYMBOL NO. 4
ODSULOC3

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
(NOTE 31)	04-056	(NOTES 312 & 321)	A		
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
NC	I	CON005	005		
	I	CON038	038		
	I	CON044	044		
	I	CON046	046		
	I	CON138	138		
	I	CON144	144		
	I	CON244	244		
	I	CON344	344		
+5V0DSC3	PHR	+5	001		2/4
	PHR	+5	100		3/1
	PHR	+5	101		2/4
	PHR	+5V141	141		2/4
	PHR	+5	238		2/4
	PHR	+5	338		2/4
	PHR	+5V341	341		2/4

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
(NOTE 31)	04-056	(NOTES 312 & 321)	A		
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
I	+5V0LONG	000		2/4	
I	+5V041	041		2/4	
I	+5V241	241		2/4	
IO	ABUS0	002		2/1	
IO	ABUS1	102		2/1	
IO	ABUS2	003		2/1	
IO	ABUS3	103		2/1	
IO	ABUS4	012		2/1	
IO	ABUS5	112		2/1	
IO	ABUS6	203		2/1	
IO	ABUS7	303		2/1	
OT	ASH0	347		2/1	
OT	ASW1	346		2/1	
I	A0SEL	034		1/1	
I	A1SEL	035		1/1	
I	A2SEL	036		1/1	
I	A3SEL	037		1/1	
I	A4SEL	334		1/1	
I	A5SEL	335		1/1	
I	A6SEL	336		1/1	
I	A7SEL	337		1/1	
IO	BBUS0	010		2/1	
IO	BBUS1	110		2/1	
IO	BBUS2	011		2/1	
IO	BBUS3	111		2/1	
I	RTS44	210		2/1	
IO	BBUS5	310		2/1	
I	RTS46	211		2/1	
IO	BBUS7	311		2/1	
I	BMSSEL	039		1/1	
I	BYSSEL	040		1/1	
IO	CBUS0	013		2/1	
IO	CBUS1	014		2/1	
IO	CBUS10	120		2/1	
OT	DATA1	114		2/1	
IO	CBUS3	015		2/1	
IO	LBUS4	016		2/1	
IO	CBUS5	017		2/1	
IO	CBUS6	117		2/1	
IO	CBUS7	018		2/1	
IO	CBUS8	019		2/1	
IO	CBUS9	020		2/1	
OT	-CURPR	202		1/1	
OT	-CURPRP	302		1/1	
O	DATOUTN	308		1/1	
I	DATINN	207		1/1	
IO	DBUS0	313		2/1	
I	ADTB	214		2/1	
IO	DBUS10	320		2/1	
IO	DBUS2	314		2/1	
IO	DBUS3	315		2/1	
IO	DBUS4	316		2/1	
I	AD5B	217		2/1	
IO	DBUS6	317		2/1	
IO	DBUS7	318		2/1	
IO	DBUS8	319		2/1	
I	WRB	220		2/1	
OT	DIRD	349		2/1	
O	DSCFLW	342		1/1	
I	DCLK	049		1/1	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
(NOTE 31)	04-056	(NOTES 312 & 321)	A		
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
ODSCPE30	O	DSCPEN	343		1/1
ODM	I	OTHR	348		1/1
OEBS0	IO	EBUS0	021		2/1
OEBS1	IO	EBUS1	022		2/1
OEBS2	IO	EBUS2	023		2/1
OEBS3	I	IONB	123		2/1
OEBS4	IO	EBUS4	024		2/1
OFBUS0	IO	FBUS0	321		2/1
OFBUS1	IO	FBUS1	322		2/1
OFBUS2	OT	DR	223		2/1
OFBUS3	IO	FBUS3	323		2/1
OFBUS4	IO	FBUS4	324		2/1
OGBUS0	IO	GBUS0	032		2/1
OGBUS1	IO	GBUS1	033		2/1
OGBUS2	IO	GBUS2	332		2/1
OGBUS3	IO	GBUS3	333		2/1
OGRDSC3	OT	GRD137	137		
	OT	GRD140	140		
	OT	GRD143	143		
	OT	GRD148	148		
	OT	GRD150	150		
	OT	GRD154	154		
	OT	CRD156	156		
	OT	GRD236	236		
	OT	GRD239	239		
	OT	GRD242	242		
	OT	GRD245	245		
	OT	GRD247	247		
	OT	GRD249	249		
	OT	GRD253	253		
	OT	GRD255	255		
	OT	GRD350	350		
	I	GRD006	006		
	I	GRD008	008		
	I	TCS2A	045		
	I	GRD047	047		
	I	GRD104	104		
	I	GRD107	107		
	I	GRD109	109		
	I	GRD116	116		
	I	GRD119	119		
	I	GRD122	122		
	I	GRD133	133		
	I	GRD135	135		
	I	GRD146	146		
	I	GRD205	205		
	I	GRD208	208		
	I	GRD213	213		
	I	GRD215	215		
	I	GRD218	218		

PART OF FS 2
SYMBOL(S): 3 4

DIGITAL SERVICE UNIT		DWG SIZE	ISSUE
		2	8B
AT&T BELL LABORATORIES	SD-50035-01	BZCD	

PART OF FS 2

DSC SLOTS FGO

SYMBOL NO. 4 (CONT)

ODSULOC3

DESIG EOPT CODE ELEM OPT
LOC LOC CODE IDENT OPT
(NOTE 31) 04-056 (NOTES 312 & 321) A

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
I	GRD	GRD221	221			
I	GRD	GRD232	232			
I	GRD	GRD234	234			
I	GRD	GRD306	306			
I	GRD	GRD309	309			
I	GRD	GRD312	312			
GRD	GRD	GRD	004			
GRD	GRD	GRD	007			
GRD	GRD	GRD	009			
GRD	GRD	GRD	043			
GRD	GRD	GRD	048			
GRD	GRD	GRD	050			
GRD	GRD	GRD	105			
GRD	GRD	GRD	108			
GRD	GRD	GRD	113			
GRD	GRD	GRD	115			
GRD	GRD	GRD	118			
GRD	GRD	GRD	121			
GRD	GRD	GRD	124			
GRD	GRD	GRD	132			
GRD	GRD	GRD	134			
GRD	GRD	GRD	136			
GRD	GRD	GRD	139			
GRD	GRD	GRD	142			
GRD	GRD	GRD	145			
GRD	GRD	GRD	147			
GRD	GRD	GRD	149			
GRD	GRD	GRD	153			
GRD	GRD	GRD	155			
GRD	GRD	GRD	200			
GRD	GRD	GRD	201			
GRD	GRD	GRD	204			
GRD	GRD	GRD	206			
GRD	GRD	GRD	209			
GRD	GRD	GRD	212			
GRD	GRD	GRD	216			
GRD	GRD	GRD	219			
GRD	GRD	GRD	222			
GRD	GRD	GRD	224			
GRD	GRD	GRD	233			
GRD	GRD	GRD	235			
GRD	GRD	GRD	237			
GRD	GRD	GRD	240			
GRD	GRD	GRD	243			
GRD	GRD	GRD	246			
GRD	GRD	GRD	248			
GRD	GRD	GRD	250			
GRD	GRD	GRD	254			
GRD	GRD	GRD	256			
GRD	GRD	GRD	300			
GRD	GRD	GRD	301			
GRD	GRD	GRD	304			
GRD	GRD	GRD	307			
GRD	GRD	GRD	345			
GRD	GRD	GRD	051		2/1	
OHBUS0	IO	HBUS0				
OHBUS1	OT	BDS1	151		2/1	
OHBUS2	IO	HBUS2	052		2/1	
OHBUS3	OT	BDS3	152		2/1	

SYMBOL NO. 4 (CONT)

ODSULOC3

DESIG EOPT CODE ELEM OPT
LOC LOC CODE IDENT OPT
(NOTE 31) 04-056 (NOTES 312 & 321) A

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
OHBUS4	IO	HBUS4	251		2/1	
OHBUS5	IO	HBUS5	351		2/1	
OHBUS6	IO	HBUS6	252		2/1	
OHBUS7	IO	HBUS7	352		2/1	
OIBUS0	IO	IBUS0	053		2/1	
OIBUS1	IO	IBUS1	054		2/1	
OIBUS2	IO	IBUS2	055		2/1	
OIBUS3	I	5MHZ	056		2/1	
OJBUS0	IO	JBUS0	353		2/1	
OJBUS1	IO	JBUS1	354		2/1	
OJBUS2	IO	JBUS2	355		2/1	
OJBUS3	IO	JBUS3	356		2/1	
OR1SELO	I	RDSSEL	340		1/1	
OSMSCN30	O	SMSCNN	042		1/1	
OW1SELO	I	WRSEL	339		1/1	
O4MHZCK3	I	4MHZCKN	305		1/1	
O&KSN30	I	&KSYNC	106		1/1	

SYMBOL NO. 5

ODSULOC4

DESIG EOPT CODE ELEM OPT
LOC LOC CODE IDENT OPT
(NOTE 31) 04-064 (NOTES 312 & 321) A

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	I	CON005	005			
I	CON038	038				
I	CON044	044				
I	CON046	046				
I	CON138	138				
I	CON144	144				
I	CON244	244				
I	CON344	344				
+5V0DSC4	PWR	+5	001		2/5	
PWR	+5	100			2/5	
FWR	+5	101			2/5	
FWR	+5V141	141			2/5	
PWR	+5	338			2/5	
PWR	+5V341	341			2/5	
PWR	+5VLDNG	000			2/5	
I	+5V041	041			2/5	
I	+5V241	241			2/5	
PWR	+5	238			3/1	
OABUS0	IO	ABUS0	002		2/1	
OABUS1	IO	ABUS1	102		2/1	
OABUS2	IO	ABUS2	003		2/1	
OABUS3	IO	ABUS3	103		2/1	
OABUS4	IO	ABUS4	012		2/1	
OABUS5	IO	ABUS5	112		2/1	
OABUS6	IO	ABUS6	203		2/1	
OABUS7	IO	ABUS7	303		2/1	
OASW0	OT	ASW0	347		2/1	

SYMBOL NO. 5 (CONT)

ODSULOC4

DESIG EOPT CODE ELEM OPT
LOC LOC CODE IDENT OPT
(NOTE 31) 04-064 (NOTES 312 & 321) A

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
OASW10	OT	ASW1	346		2/1	
OASSEL0	I	A0SEL	034		1/1	
OAISEL0	I	A1SEL	035		1/1	
OAZSEL0	I	A2SEL	036		1/1	
OASSEL0	I	A3SEL	037		1/1	
OAASEL0	I	A4SEL	034		1/1	
OASSEL0	I	A5SEL	335		1/1	
OASSEL0	I	A6SEL	336		1/1	
OASSEL0	I	A7SEL	337		1/1	
OBBUS0	IO	BBUS0	010		2/1	
OBBUS1	IO	BBUS1	110		2/1	
OBBUS2	IO	BBUS2	011		2/1	
OBBUS3	IO	BBUS3	111		2/1	
OBBUS4	I	RTSA4	210		2/1	
OBBUS5	IO	BBUS5	310		2/1	
OBBUS6	I	RTSA6	211		2/1	
OBBUS7	IO	BBUS7	311		2/1	
OBOSEL0	I	BMSSEL	039		1/1	
OBISEL0	I	BMSSEL	040		1/1	
OCBUS0	IO	CBUS0	013		2/1	
OCBUS1	IO	CBUS1	014		2/1	
OCCURPRN	OT	-CURPR	202		1/1	
OCCURPRP	OT	+CURPR	302		1/1	
ODATIN4	O	DATOUTN	308		1/1	
ODATOUT4	I	DATINN	207		1/1	
ODBUS0	IO	DBUS0	313		2/1	
ODBUS1	I	AD1B	214		2/1	
ODBUS10	IO	DBUS10	320		2/1	
ODBUS2	IO	DBUS2	314		2/1	
ODBUS3	IO	DBUS3	315		2/1	
ODBUS4	IO	DBUS4	316		2/1	
ODBUS5	I	AD5B	217		2/1	
ODBUS6	IO	DBUS6	317		2/1	
ODBUS7	IO	DBUS7	318		2/1	
ODBUS8	IO	DBUS8	319		2/1	
ODBUS9	I	HRB	220		2/1	
ODR	OT	DTRD	349		2/1	
ODSCLF40	O	DSCFLN	342		1/1	
ODSCLK	I	DSCCLK	049		1/1	
ODSCPE40	O	DSCPEN	343		1/1	
ODW	I	DTHR	348		1/1	
OEBUS0	IO	EBUS0	021		2/1	
OEBUS1	IO	EBUS1	022		2/1	
OEBUS2	IO	EBUS2	023		2/1	
OEBUS3	I	10AB	123		2/1	
OEBUS4	IO	EBUS4	024		2/1	
OEBUS0	IO	FBUS0	321		2/1	
OEBUS1	IO	FBUS1	322		2/1	
OEBUS2	OT	DR	223		2/1	
OEBUS3	IO	FBUS3	323		2/1	
OEBUS4	IO	FBUS4	324		2/1	

SYMBOL NO. 5 (CONT)

ODSULOC4

DESIG EOPT CODE ELEM OPT
LOC LOC CODE IDENT OPT
(NOTE 31) 04-064 (NOTES 312 & 321) A

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
OGBUS0	IO	GBUS0	032		2/1	
OGBUS1	IO	GBUS1	033		2/1	
OGBUS2	IO	GBUS2	032		2/1	
OGBUS3	IO	GBUS3	033		2/1	
OGRDSC4	GRD	GRD	004			
GRD	GRD	GRD	007			
GRD	GRD	GRD	009			
GRD	GRD	GRD	043			
GRD	GRD	GRD	048			
GRD	GRD	GRD	050			
GRD	GRD	GRD	105			
GRD	GRD	GRD	108			
GRD	GRD	GRD	113			
GRD	GRD	GRD	115			
GRD	GRD	GRD	118			
GRD	GRD	GRD	121			
GRD	GRD	GRD	124			
GRD	GRD	GRD	132			
GRD	GRD	GRD	134			
GRD	GRD	GRD	136			
GRD	GRD	GRD	139			
GRD	GRD	GRD	142			
GRD	GRD	GRD	145			
GRD	GRD	GRD	147			
GRD	GRD	GRD	149			
GRD	GRD	GRD	153			
GRD	GRD	GRD	155			
GRD	GRD	GRD	200			
GRD	GRD	GRD	201			
GRD	GRD	GRD	204			
GRD	GRD	GRD	206			
GRD	GRD	GRD	209			
GRD	GRD	GRD	216			
GRD	GRD	GRD	219			
GRD	GRD	GRD	222			
GRD	GRD	GRD	224			
GRD	GRD	GRD	233			
GRD	GRD	GRD	235			
GRD	GRD	GRD	237			
GRD	GRD	GRD	240			
GRD	GRD	GRD	243			
GRD	GRD	GRD	246			
GRD	GRD	GRD	248			
GRD	GRD	GRD	250			
GRD	GRD	GRD	254			
GRD	GRD	GRD	256			
GRD	GRD	GRD	300			
GRD	GRD	GRD	301			
GRD	GRD	GRD	304			

PART OF FS 2
SYMBOL(S) 4 5

DIGITAL SERVICE UNIT		DWG SIZE	ISSUE
		2	8B
AT&T BELL LABORATORIES		SD-5D035-01	
		B2CE	

PART OF FS 2

DSC SLOTS FG0

SYMBOL NO. 5 (CONT)
ODSULOC4

SYMBOL NO. 5 (CONT)
ODSULOC4

SYMBOL NO. 6 (CONT)
ODSULOC5

SYMBOL NO. 6 (CONT)
ODSULOC5

DESIG EOPT CODE ELEM OPT
LOC LOC CODE IDENT IDENT
(NOTE 31) 04-064 (NOTES 312 & 321) A

DESIG EOPT CODE ELEM OPT
LOC LOC CODE IDENT IDENT
(NOTE 31) 04-064 (NOTES 312 & 321) A

DESIG EOPT CODE ELEM OPT
LOC LOC CODE IDENT IDENT
(NOTE 31) 04-072 (NOTES 312 & 321) A

DESIG EOPT CODE ELEM OPT
LOC LOC CODE IDENT IDENT
(NOTE 31) 04-072 (NOTES 312 & 321) A

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	307			
	GRD	GRD	345			
	OT	GRD137	137		2/5	
	OT	GRD140	140		2/5	
	OT	GRD143	143		2/5	
	OT	GRD148	148		2/5	
	OT	GRD150	150		2/5	
	OT	GRD154	154		2/5	
	OT	GRD156	156		2/5	
	OT	GRD236	236		2/5	
	OT	GRD239	239		2/5	
	OT	GRD242	242		2/5	
	OT	GRD245	245		2/5	
	OT	GRD247	247		2/5	
	OT	GRD249	249		2/5	
	OT	GRD253	253		2/5	
	OT	GRD255	255		2/5	
	OT	GRD350	350		3/1	
	I	GRD006	006		2/5	
	I	GRD008	008		2/5	
	I	TES2A	045		2/5	
	I	GRD047	047		2/5	
	I	GRD104	104		2/5	
	I	GRD107	107		2/5	
	I	GRD109	109		2/5	
	I	GRD116	116		2/5	
	I	GRD119	119		2/5	
	I	GRD122	122		2/5	
	I	GRD133	133		2/5	
	I	GRD135	135		2/5	
	I	GRD146	146		2/5	
	I	GRD205	205		2/5	
	I	GRD208	208		2/5	
	I	GRD213	213		2/5	
	I	GRD215	215		2/5	
	I	GRD218	218		2/5	
	I	GRD221	221		2/5	
	I	GRD232	232		2/5	
	I	GRD234	234		2/5	
	I	GRD306	306		2/5	
	I	GRD309	309		2/5	
	I	GRD312	312		2/5	
	I	HBUS0	051		2/1	
	I	BOS1	151		2/1	
	I	HBUS2	052		2/1	
	I	BOS3	152		2/1	
	I	HBUS4	251		2/1	
	I	HBUS5	351		2/1	
	I	HBUS6	252		2/1	
	I	HBUS7	352		2/1	
	I	IBUS0	053		2/1	
	I	IBUS1	054		2/1	
	I	IBUS2	055		2/1	
	I	IBUS3	056		2/1	
	I	IBUS0	353		2/1	
	I	JBUS1	354		2/1	
	I	JBUS2	355		2/1	
	I	JBUS3	356		2/1	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
ORZSELO	I	ROSEL	340		1/1	
OSMSCH40	O	SMSCNN	042		1/1	
OWZSELO	I	WRSEL	339		1/1	
Q4MHZCK4	I	4MHZCKN	305		1/1	
Q8KSYNC40	I	8KSYNC	106		1/1	

SYMBOL NO. 6
ODSULOC5

DESIG EOPT CODE ELEM OPT
LOC LOC CODE IDENT IDENT
(NOTE 31) 04-072 (NOTES 312 & 321) A

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	I	CON005	005			
	I	CON038	038			
	I	CON044	044			
	I	CON046	046			
	I	CON138	138			
	I	CON144	144			
	I	CON244	244			
	I	CON344	344			
	PWR	+5	001		2/6	
	PWR	+5	100		2/6	
	PWR	+5	101		3/1	
	PWR	+5V141	141		2/6	
	PWR	+5	238		2/6	
	PWR	+5	338		2/6	
	PWR	+5V341	341		2/6	
	I	+5VLONG	000		2/6	
	I	+5V241	041		2/6	
	I	+5V241	241		2/6	
	I	ABUS0	002		2/1	
	I	ABUS1	102		2/1	
	I	ABUS2	003		2/1	
	I	ABUS3	103		2/1	
	I	ABUS4	012		2/1	
	I	ABUS5	112		2/1	
	I	ABUS6	203		2/1	
	I	ABUS7	303		2/1	
	OT	ASW0	347		2/1	
	OT	ASH1	346		2/1	
	I	A0SEL	034		1/1	
	I	A1SEL	035		1/1	
	I	A2SEL	036		1/1	
	I	A3SEL	037		1/1	
	I	A4SEL	334		1/1	
	I	A5SEL	335		1/1	
	I	A6SEL	336		1/1	
	I	A7SEL	337		1/1	
	I	BBUS0	010		2/1	
	I	BBUS1	110		2/1	
	I	BBUS2	011		2/1	
	I	BBUS3	111		2/1	
	I	RTSA4	210		2/1	
	I	BBUS5	310		2/1	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
08BUS6	I	RTSA6	211		2/1	
08BUS7	I	BBUS7	311		2/1	
08ZSELO	I	BMSEL	039		1/1	
08ZSELO	I	BNSSEL	040		1/1	
08BUS0	I	CBUS0	013		2/1	
08BUS1	I	CBUS1	014		2/1	
08BUS10	I	CBUS10	120		2/1	
08BUS2	OT	DATA1	114		2/1	
08BUS3	I	CBUS3	015		2/1	
08BUS4	I	CBUS4	016		2/1	
08BUS5	I	CBUS5	017		2/1	
08BUS6	I	CBUS6	117		2/1	
08BUS7	I	CBUS7	018		2/1	
08BUS8	I	CBUS8	019		2/1	
08BUS9	I	CBUS9	020		2/1	
08CURPRN	OT	-CURPR	202		1/1	
08CURPRP	OT	+CURPR	302		1/1	
08DATIN5	O	DATOUTN	308		1/1	
08DATOUT5	I	DATINN	207		1/1	
08DBUS0	I	DBUS0	313		2/1	
08DBUS1	I	AD1B	214		2/1	
08DBUS10	I	DBUS10	320		2/1	
08DBUS2	I	DBUS2	314		2/1	
08DBUS3	I	DBUS3	315		2/1	
08DBUS4	I	DBUS4	316		2/1	
08DBUS5	I	AD5B	217		2/1	
08DBUS6	I	DBUS6	317		2/1	
08DBUS7	I	DBUS7	318		2/1	
08DBUS8	I	DBUS8	319		2/1	
08DBUS9	I	WRB	220		2/1	
08DR	OT	DTRD	349		2/1	
08DSCFL50	O	DSCFLN	342		1/1	
08DSCCLK	I	DSCCLK	049		1/1	
08DSCPE50	O	DSCPEN	343		1/1	
08CW	I	CTWR	348		1/1	
08EBUS0	I	EBUS0	021		2/1	
08EBUS1	I	EBUS1	022		2/1	
08EBUS2	I	EBUS2	023		2/1	
08EBUS3	I	10NB	123		2/1	
08EBUS4	I	EBUS4	024		2/1	
08FBUS0	I	FBUS0	321		2/1	
08FBUS1	I	FBUS1	322		2/1	
08FBUS2	OT	DR	223		2/1	
08FBUS3	I	FBUS3	323		2/1	
08FBUS4	I	FBUS4	324		2/1	
08GBUS0	I	GBUS0	032		2/1	
08GBUS1	I	GBUS1	033		2/1	
08GBUS2	I	GBUS2	332		2/1	
08GBUS3	I	GBUS3	333		2/1	
08GRDSC5	OT	GRD137	137			
	OT	GRD140	140			
	OT	GRD143	143			
	OT	GRD148	148			
	OT	GRD150	150			
	OT	GRD154	154			
	OT	GRD156	156			
	OT	GRD236	236			
	OT	GRD239	239			
	OT	GRD242	242			
	OT	GRD245	245			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	OT	GRD247	247			
	OT	GRD249	249			
	OT	GRD253	253			
	OT	GRD255	255			
	OT	GRD350	350			
	I	GRD006	006			
	I	GRD008	008			
	I	TES2A	045			
	I	GRD047	047			
	I	GRD104	104			
	I	GRD107	107			
	I	GRD109	109			
	I	GRD116	116			
	I	GRD119	119			
	I	GRD122	122			
	I	GRD133	133			
	I	GRD135	135			
	I	GRD146	146			
	I	GRD205	205			
	I	GRD208	208			
	I	GRD213	213			
	I	GRD215	215			
	I	GRD218	218			
	I	GRD221	221			
	I	GRD232	232			
	I	GRD234	234			
	I	GRD306	306			
	I	GRD309	309			
	I	GRD312	312			
	GRD	GRD	004			

PART OF FS 2
DSC SLOTS FGO

SYMBOL NO. 6 (CONT)
ODSULOC5

SYMBOL NO. 7
ODSULOC6

SYMBOL NO. 7 (CONT)
ODSULOC6

SYMBOL NO. 7 (CONT)
ODSULOC6

DESIG EOPT CODE ELEM OPT
(NOTE 31) LOC (NOTES 312 & 321) IDENT A

DESIG EOPT CODE ELEM OPT
(NOTE 31) LOC (NOTES 312 & 321) IDENT A

DESIG EOPT CODE ELEM OPT
(NOTE 31) LOC (NOTES 312 & 321) IDENT A

DESIG EOPT CODE ELEM OPT
(NOTE 31) LOC (NOTES 312 & 321) IDENT A

LEAD FUNC TERM. TERM. DESTINATION NOTE
DESIG MOD OPT

LEAD FUNC TERM. TERM. DESTINATION NOTE
DESIG MOD OPT

LEAD FUNC TERM. TERM. DESTINATION NOTE
DESIG MOD OPT

LEAD FUNC TERM. TERM. DESTINATION NOTE
DESIG MOD OPT

GRD	GRD	155			
GRD	GRD	155			
GRD	GRD	200			
GRD	GRD	201			
GRD	GRD	204			
GRD	GRD	206			
GRD	GRD	209			
GRD	GRD	212			
GRD	GRD	216			
GRD	GRD	219			
GRD	GRD	222			
GRD	GRD	224			
GRD	GRD	233			
GRD	GRD	235			
GRD	GRD	237			
GRD	GRD	240			
GRD	GRD	243			
GRD	GRD	246			
GRD	GRD	248			
GRD	GRD	250			
GRD	GRD	254			
GRD	GRD	256			
GRD	GRD	300			
GRD	GRD	301			
GRD	GRD	304			
GRD	GRD	307			
GRD	GRD	345			
IO	HBUS0	051		2/1	
OT	BDS1	151		2/1	
IO	HBUS2	052		2/1	
OT	BDS3	152		2/1	
IO	HBUS4	251		2/1	
IO	HBUS5	351		2/1	
IO	HBUS6	252		2/1	
IO	HBUS7	352		2/1	
IO	IBUS0	053		2/1	
IO	IBUS1	054		2/1	
IO	IBUS2	055		2/1	
IO	5MHZ	056		2/1	
IO	JBUS0	353		2/1	
IO	JBUS1	354		2/1	
IO	JBUS2	355		2/1	
IO	JBUS3	356		2/1	
IO	RDSEL	340		1/1	
IO	5MSCKN	042		1/1	
IO	WRSEL	339		1/1	
IO	4MHZCKN	305		1/1	
IO	8KSYNC	106		1/1	

NC	I	CON005	005		
	I	CON038	038		
	I	CON044	044		
	I	CON046	046		
	I	CON138	138		
	I	CON144	144		
	I	CON244	244		
	I	CON344	344		
+5V0DSC6	PWR	+5	001		2/7
	PWR	+5	100		2/7
	PWR	+5	101		2/7
	PWR	+5V141	141		2/1
	PWR	+5	238		2/7
	PWR	+5	338		2/7
	PWR	+5V341	341		2/7
	I	+5VLONG	000		2/7
	I	+5V041	041		2/7
	I	+5V241	241		2/7
0ABUS0	IO	ABUS0	002		2/1
0ABUS1	IO	ABUS1	102		2/1
0ABUS2	IO	ABUS2	003		2/1
0ABUS3	IO	ABUS3	103		2/1
0ABUS4	IO	ABUS4	012		2/1
0ABUS5	IO	ABUS5	112		2/1
0ABUS6	IO	ABUS6	203		2/1
0ABUS7	IO	ABUS7	303		2/1
0ASH00	OT	ASH0	347		2/1
0ASH10	OT	ASH1	346		2/1
0A0SELO	I	A0SEL	034		1/1
0A1SELO	I	A1SEL	035		1/1
0A2SELO	I	A2SEL	036		1/1
0A3SELO	I	A3SEL	037		1/1
0A4SELO	I	A4SEL	334		1/1
0A5SELO	I	A5SEL	335		1/1
0A6SELO	I	A6SEL	336		1/1
0A7SELO	I	A7SEL	337		1/1
0BBUS0	IO	BBUS0	010		2/1
0BBUS1	IO	BBUS1	110		2/1
0BBUS2	IO	BBUS2	011		2/1
0BBUS3	IO	BBUS3	111		2/1
0BBUS4	I	RTSA4	210		2/1
0BBUS5	IO	BBUS5	310		2/1
0BBUS6	I	RTSA6	211		2/1
0BBUS7	IO	BBUS7	311		2/1
0B4SELO	I	BMSSEL	039		1/1
0B5SELO	I	BNSSEL	040		1/1
0CBUS0	IO	CBUS0	013		2/1
0CBUS1	IO	CBUS1	014		2/1
0CBUS10	IO	CBUS10	120		2/1
0CBUS2	OT	DATA1	114		2/1
0CBUS3	IO	CBUS3	015		2/1
0CBUS4	IO	CBUS4	016		2/1
0CBUS5	IO	CBUS5	017		2/1
0CBUS6	IO	CBUS6	117		2/1
0CBUS7	IO	CBUS7	018		2/1
0CBUS8	IO	CBUS8	019		2/1
0CBUS9	IO	CBUS9	020		2/1
0CURPRN	OT	-CURPR	202		1/1
0CURPRP	OT	+CURPR	302		1/1
0DATIN6	O	DATOUTN	308		1/1

0DATOUT6	I	DATINN	207		1/1
0DBUS0	IO	DBUS0	313		2/1
0DBUS1	I	ADTB	214		2/1
0DBUS10	IO	DBUS10	320		2/1
0DBUS2	IO	DBUS2	314		2/1
0DBUS3	IO	DBUS3	315		2/1
0DBUS4	IO	DBUS4	316		2/1
0DBUS5	I	AD5B	217		2/1
0DBUS6	IO	DBUS6	317		2/1
0DBUS7	IO	DBUS7	318		2/1
0DBUS8	IO	DBUS8	319		2/1
0DBUS9	I	WRB	220		2/1
0DR	OT	DTRD	349		2/1
0DSCFL60	O	DSCFLN	342		1/1
0DSCCLK	I	DSCCLK	049		1/1
0DSCPERR	O	DSCPEN	343		1/1
0DM	I	DTWR	348		1/1
0EBUS0	IO	EBUS0	021		2/1
0EBUS1	IO	EBUS1	022		2/1
0EBUS2	IO	EBUS2	023		2/1
0EBUS3	I	IONB	123		2/1
0EBUS4	IO	EBUS4	024		2/1
0FBUS0	IO	FBUS0	321		2/1
0FBUS1	IO	FBUS1	322		2/1
0FBUS2	OT	DR	223		2/1
0FBUS3	IO	FBUS3	323		2/1
0FBUS4	IO	FBUS4	324		2/1
0GBUS0	IO	GBUS0	032		2/1
0GBUS1	IO	GBUS1	033		2/1
0GBUS2	IO	GBUS2	332		2/1
0GBUS3	IO	GBUS3	333		2/1
0GRDSC6	OT	GRD137	137		1/1
	OT	GRD140	140		1/1
	OT	GRD143	143		1/1
	OT	GRD148	148		1/1
	OT	GRD150	150		1/1
	OT	GRD154	154		1/1
	OT	GRD156	156		1/1
	OT	GRD236	236		1/1
	OT	GRD239	239		1/1
	OT	GRD242	242		1/1
	OT	GRD245	245		1/1
	OT	GRD247	247		1/1
	OT	GRD249	249		1/1
	OT	GRD253	253		1/1
	OT	GRD255	255		1/1
	OT	GRD350	350		1/1
	I	GRD006	006		1/1
	I	GRD008	008		1/1
	I	TES2A	045		1/1
	I	GRD047	047		1/1
	I	GRD104	104		1/1
	I	GRD107	107		1/1
	I	GRD109	109		1/1
	I	GRD116	116		1/1
	I	GRD119	119		1/1
	I	GRD122	122		1/1
	I	GRD133	133		1/1
	I	GRD135	135		1/1
	I	GRD146	146		1/1

IO	GRD205	205			
IO	GRD208	208			
IO	GRD213	213			
IO	GRD215	215			
IO	GRD218	218			
IO	GRD221	221			
IO	GRD232	232			
IO	GRD234	234			
IO	GRD306	306			
IO	GRD309	309			
IO	GRD312	312			
GRD	GRD	004			
GRD	GRD	007			
GRD	GRD	009			
GRD	GRD	043			
GRD	GRD	048			
GRD	GRD	050			
GRD	GRD	105			
GRD	GRD	108			
GRD	GRD	113			
GRD	GRD	115			
GRD	GRD	118			
GRD	GRD	121			
GRD	GRD	124			
GRD	GRD	132			
GRD	GRD	134			
GRD	GRD	136			
GRD	GRD	139			
GRD	GRD	142			
GRD	GRD	145			
GRD	GRD	147			
GRD	GRD	149			
GRD	GRD	153			
GRD	GRD	155			
GRD	GRD	200			
GRD	GRD	201			
GRD	GRD	204			
GRD	GRD	206			
GRD	GRD	209			
GRD	GRD	212			
GRD	GRD	216			
GRD	GRD	219			
GRD	GRD	222			
GRD	GRD	224			
GRD	GRD	233			
GRD	GRD	235			
GRD	GRD	237			
GRD	GRD	240			
GRD	GRD	243			
GRD	GRD	246			
GRD	GRD	248			

PART OF FS 2
SYMBOL(S) 6 7

DIGITAL SERVICE UNIT		DWG SIZE	ISSUE
		12	8B
AT&T BELL LABORATORIES	SD-50035-01	B2CG	

PART OF FS 2
DSC SLOTS FGO

SYMBOL NO. 8 (CONT)
ODSULOC/

DESIG (NOTE 31) EGPT LOC 04-088 CODE (NOTES 312 & 321) ELEM IDENT A OPT

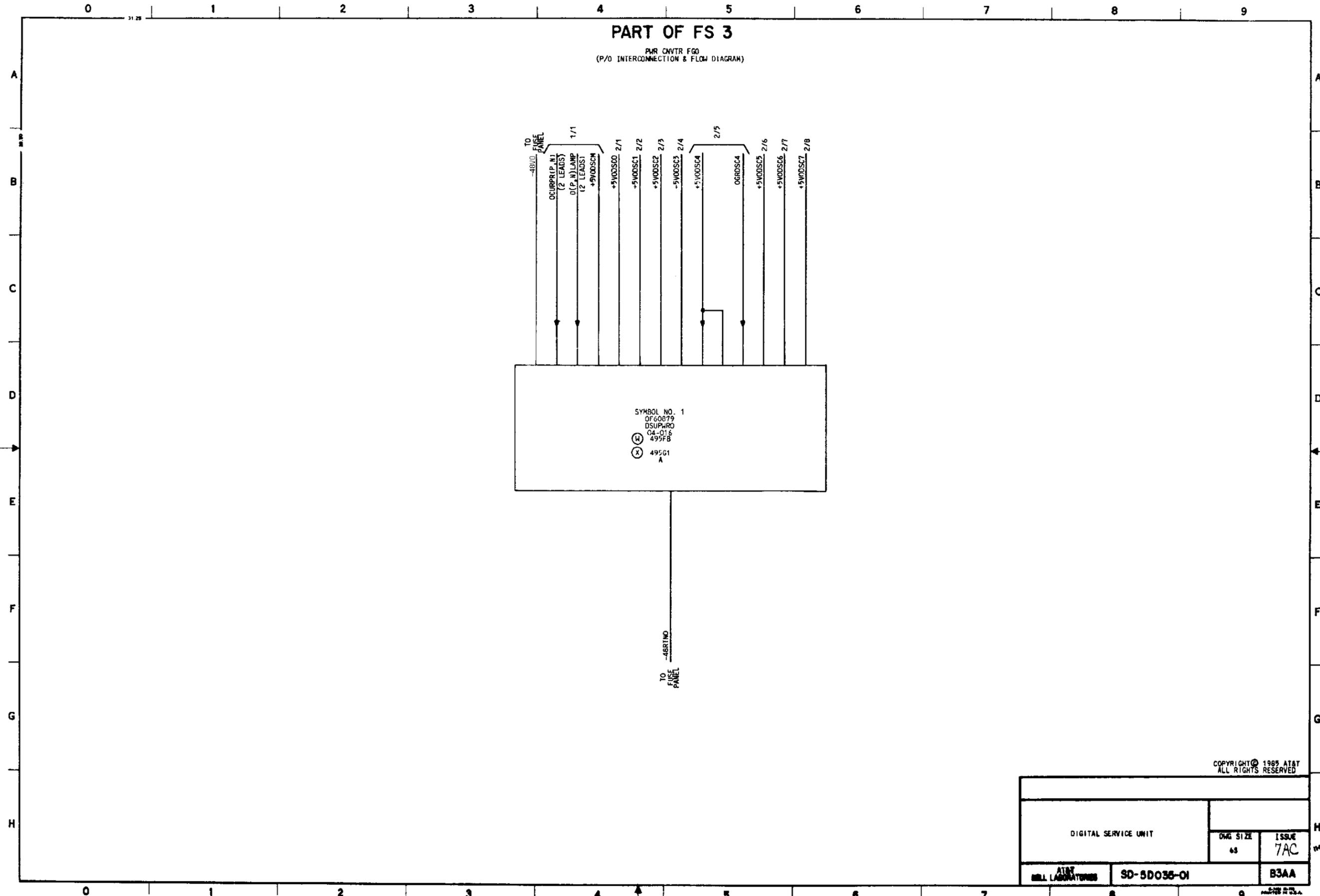
LFAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
0HBUS6	10	HBUS6	252	2/1	
0HBUS7	10	HBUS7	352	2/1	
01BUS0	10	1BUS0	053	2/1	
01BUS1	10	1BUS1	054	2/1	
01BUS2	10	1BUS2	055	2/1	
01BUS3	1	5MHZ	056	2/1	
0JBUS0	10	JBUS0	353	2/1	
0JBUS1	10	JBUS1	354	2/1	
0JBUS2	10	JBUS2	355	2/1	
0JBUS3	10	JBUS3	356	2/1	
0RZSEL0	1	ROSEL	340	1/1	
0SMSCN70	0	SMSCNN	042	1/1	
0WZSEL0	1	WRSEL	339	1/1	
04MHZCK7	1	4MHZCKN	305	1/1	
08KSNC70	1	8KSYNC	106	1/1	

PART OF FS 2
SYMBOL(S) 8

DIGITAL SERVICE UNIT		ENG SIZE CZ	ISSUE 8B
AT&T BELL LABORATORIES	SD-5D035-01	B2CJ	

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07/30/85

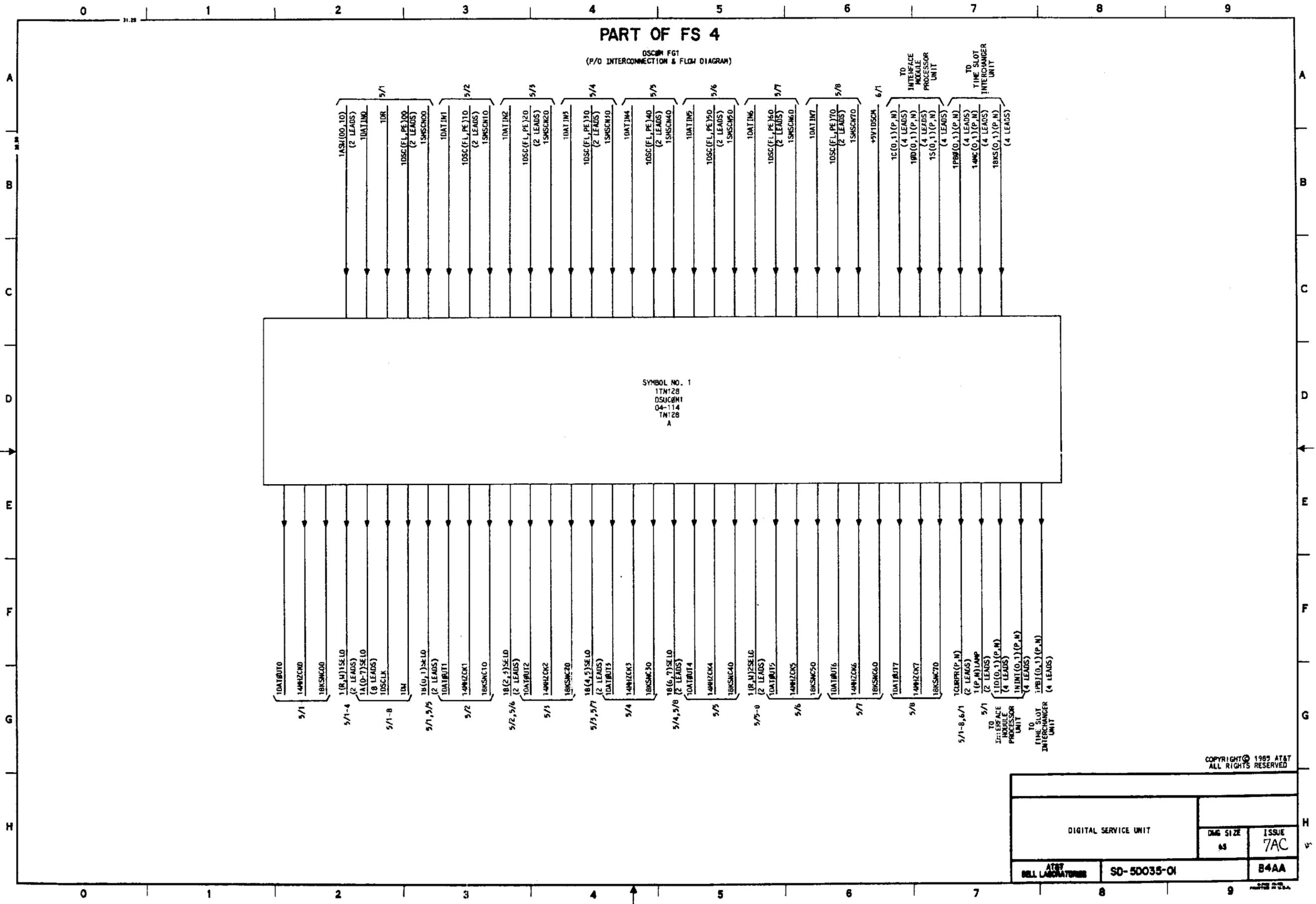


PART OF FS 3
 PWR CNVTR FGO
 (P/O INTERCONNECTION & FLOW DIAGRAM)

SYMBOL NO. 1
 OF60079
 DSUP,ARO
 04-015
 495FB
 495G1
 A

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DIGITAL SERVICE UNIT		DWG SIZE	ISSUE
		65	7AC
AT&T BELL LABORATORIES	SD-5D035-01	B3AA	



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DIGITAL SERVICE UNIT		DWG SIZE	ISSUE
		64	7AC
AT&T BELL LABORATORIES	SD-50035-01	B4AA	

PART OF FS 4

DSUCOM FG1

SYMBOL NO. 1

1TN128

SYMBOL NO. 1 (CONT)

1TN128

SYMBOL NO. 1 (CONT)

1TN128

SYMBOL NO. 1 (CONT)

1TN128

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		
DSUCOM1	04-114	TN128	A		DSUCOM1	04-114	TN128	A		DSUCOM1	04-114	TN128	A		DSUCOM1	04-114	TN128	A			
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	
*5VIDSCH	PHR +5	000			6/1		10DATIN0	I	DATIN0	313			5/2			GRD	GRD	121			
	PHR +5	001			4/1		10DATIN1	I	DATIN1	315			5/3			GRD	GRD	122			
	PHR +5	100			4/1		10DATIN2	I	DATIN2	316			5/3			GRD	GRD	123			
	PHR +5	101			4/1		10DATIN3	I	DATIN3	318			5/4			GRD	GRD	124			
	PHR +5	238			4/1		10DATIN4	I	DATIN4	319			5/5			GRD	GRD	132			
	PHR +5	338			4/1		10DATIN5	I	DATIN5	321			5/6			GRD	GRD	141			
1ASW00	I	ASH0	343		5/1		10DATIN6	I	DATIN6	322			5/7			GRD	GRD	150			
1ASW10	I	ASH1	341		5/1		10DATIN7	I	DATIN7	324			5/8			GRD	GRD	200			
1A0SELO	O	A0SEL	042		5/1, 5/2		10DATOUT0	O	DATOUT0	207			5/1			GRD	GRD	201			
					5/3, 5/4											GRD	GRD	206			
					5/5, 5/6		10DATOUT1	O	DATOUT1	307			5/2			GRD	GRD	211			
					5/7, 5/8		10DATOUT2	O	DATOUT2	208			5/3			GRD	GRD	213			
1A1SELO	O	A1SEL	142		5/1, 5/2		10DATOUT3	O	DATOUT3	308			5/4			GRD	GRD	214			
					5/3, 5/4		10DATOUT4	O	DATOUT4	209			5/5			GRD	GRD	215			
					5/5, 5/6		10DATOUT5	O	DATOUT5	309			5/6			GRD	GRD	216			
					5/7, 5/8		10DATOUT6	O	DATOUT6	210			5/7			GRD	GRD	217			
1A2SELO	O	A2SEL	043		5/1, 5/2		10DATOUT7	O	DATOUT7	310			5/8			GRD	GRD	218			
					5/3, 5/4		1DR	I	DROUT	349			5/1			GRD	GRD	219			
					5/5, 5/6		1DSCFL00	I	DSCFL0	037			5/1			GRD	GRD	220			
					5/7, 5/8											GRD	GRD	221			
1A3SELO	O	A3SEL	143		5/1, 5/2		1DSCFL10	I	DSCFL1	137			5/2			GRD	GRD	222			
					5/3, 5/4		1DSCFL20	I	DSCFL2	038			5/3			GRD	GRD	223			
					5/5, 5/6		1DSCFL30	I	DSCFL3	138			5/4			GRD	GRD	224			
					5/7, 5/8											GRD	GRD	232			
1A4SELO	O	A4SEL	044		5/1, 5/2		1DSCFL40	I	DSCFL4	039			5/5			GRD	GRD	241			
					5/3, 5/4		1DSCFL50	I	DSCFL5	139			5/6			GRD	GRD	250			
					5/5, 5/6		1DSCFL60	I	DSCFL6	040			5/7			GRD	GRD	300			
					5/7, 5/8											GRD	GRD	301			
1A5SELO	O	A5SEL	144		5/1, 5/2		1DSCFL70	I	DSCFL7	140			5/8			GRD	GRD	306			
					5/3, 5/4		1DSCFLK	O	DSCFLKOUT	345			5/1, 5/2			GRD	GRD	307			
					5/5, 5/6								5/3, 5/4			GRD	GRD	311			
					5/7, 5/8								5/5, 5/6			GRD	GRD	314			
1A6SELO	O	A6SEL	045		5/1, 5/2		1DSCPE00	I	DSCPE0	233			5/2			GRD	GRD	317			
					5/3, 5/4								5/3			GRD	GRD	317			
					5/5, 5/6		1DSCPE10	I	DSCPE1	333			5/4			GRD	GRD	320			
					5/7, 5/8		1DSCPE20	I	DSCPE2	234						GRD	GRD	323			
1A7SELO	O	A7SEL	145		5/1, 5/2		1DSCPE30	I	DSCPE3	334			5/5			GRD	GRD	332			
					5/3, 5/4								5/6			GRD	GRD	337			
					5/5, 5/6		1DSCPE40	I	DSCPE4	235			5/7			GRD	GRD	339			
					5/7, 5/8		1DSCPE50	I	DSCPE5	335						GRD	GRD	340			
					5/1, 5/5		1DSCPE60	I	DSCPE6	236			5/8			GRD	GRD	342			
					5/1, 5/5		1DSCPE70	I	DSCPE7	336			5/1, 5/2			GRD	GRD	344			
					5/3, 5/4		1DM	O	DHOUT	347			5/3, 5/4			GRD	GRD	346			
					5/5, 5/6								5/5, 5/6			GRD	GRD	348			
					5/7, 5/8		1GRDSCM	GRD	GRD	006						GRD	GRD	350			
																GRD	GRD	256			
																GRD	GRD	356			
																GRD	GRD	056			
																GRD	GRD	156			
																GRD	GRD	252			
																GRD	GRD	352			
																GRD	GRD	052			
																GRD	GRD	152			
																GRD	GRD	111			
																GRD	GRD	113			
																GRD	GRD	114			
																GRD	GRD	115			
																GRD	GRD	116			
																GRD	GRD	117			
																GRD	GRD	118			
																GRD	GRD	119			
																GRD	GRD	120			

PART OF FS 4
SYMBOL(S) 1

DIGITAL SERVICE UNIT		DWG SIZE	ISSUE
		12	7AC
AT&T BELL LABORATORIES		SD-5D035-01	84CA

PART OF FS 4
DSCOM FG1

SYMBOL NO. 1 (CONT)

17N128

DESIG	EDPT LOC	CODE	ELEM IDENT	OPT
DSUCOM1	04-114	TN128	A	

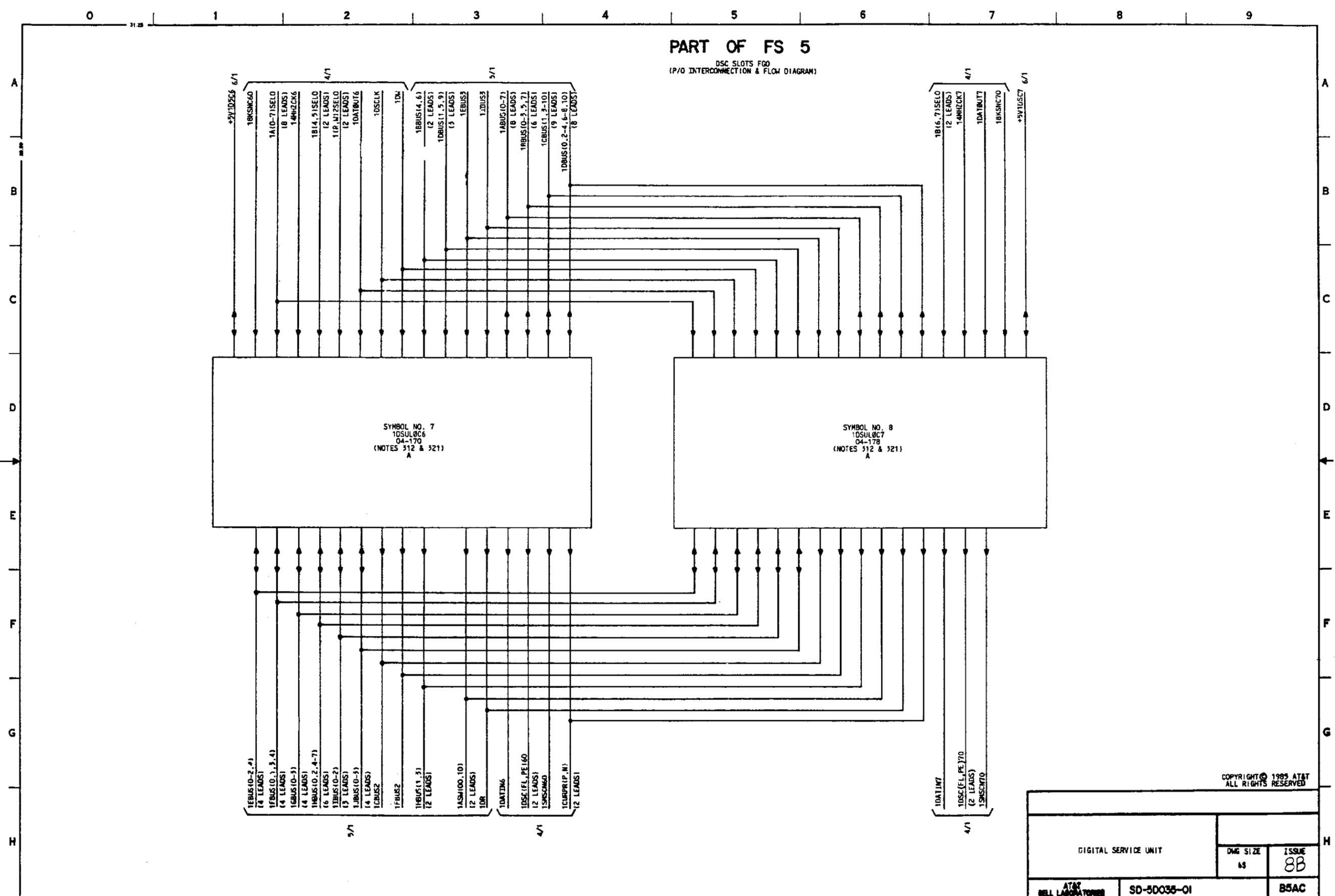
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1SOP	I	SOP	353		TO INTERFACE MODULE PROCESSOR UNIT	
1S1N	I	S1N	053		TO INTERFACE MODULE PROCESSOR UNIT	
1S1P	I	S1P	153		TO INTERFACE MODULE PROCESSOR UNIT	
1W0SEL0	0	W0SEL	249		5/1,5/2	
1W1SEL0	0	W1SEL	248		5/3,5/4	
1W2SEL0	0	W2SEL	247		5/5,5/6 5/7,5/8	
1W3SEL0	0	W3SEL	246			
14MCON	I	4MCON	305		TO TIME SLOT INTERCHANGER UNIT	
14MCOP	I	4MCOP	205		TO TIME SLOT INTERCHANGER UNIT	
14MC1N	I	4MC1N	105		TO TIME SLOT INTERCHANGER UNIT	
14MC1P	I	4MC1P	005		TO TIME SLOT INTERCHANGER UNIT	
14MHZCK0	0	4MHZCK0	013		5/1	
14MHZCK1	0	4MHZCK1	015		5/2	
14MHZCK2	0	4MHZCK2	016		5/3	
14MHZCK3	0	4MHZCK3	018		5/4	
14MHZCK4	0	4MHZCK4	019		5/5	
14MHZCK5	0	4MHZCK5	021		5/6	
14MHZCK6	0	4MHZCK6	022		5/7	
14MHZCK7	0	4MHZCK7	024		5/8	
18KSNC00	0	8KSYNC0	007		5/1	
18KSNC10	0	8KSYNC1	107		5/2	
18KSNC20	0	8KSYNC2	008		5/3	
18KSNC30	0	8KSYNC3	108		5/4	
18KSNC40	0	8KSYNC4	009		5/5	
18KSNC50	0	8KSYNC5	109		5/6	
18KSNC60	0	8KSYNC6	010		5/7	
18KSNC70	0	8KSYNC7	110		5/8	
18KSON	I	8KSON	304		TO TIME SLOT INTERCHANGER UNIT	
18KSOP	I	8KSOP	204		TO TIME SLOT INTERCHANGER UNIT	
18KS1N	I	8KS1N	104		TO TIME SLOT INTERCHANGER UNIT	
18KS1P	I	8KS1P	004		TO TIME SLOT INTERCHANGER UNIT	

PART OF FS 4
SYMBOL(S) 1

DIGITAL SERVICE UNIT		DWG SIZE	ISSUE
		02	7AC
AT&T BELL LABORATORIES	SD-5D035-01	B4CB	

PART OF FS 5

DSC SLOTS FGO
(P/O INTERCONNECTION & FLOW DIAGRAM)



SYMBOL NO. 7
1DSUL8C6
04-170
(NOTES 312 & 321)
A

SYMBOL NO. 8
1DSUL8C7
04-178
(NOTES 312 & 321)
A

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DIGITAL SERVICE UNIT		DWG SIZE	ISSUE
		65	8B
AT&T BELL LABORATORIES	SD-50035-01	B5AC	

PART OF FS 5
DSC SLOTS FG1

SYMBOL NO. 1 1DSULOCO							SYMBOL NO. 1 (CONT) 1DSULOCO							SYMBOL NO. 1 (CONT) 1DSULOCO							SYMBOL NO. 1 (CONT) 1DSULOCO							
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				
(NOTE 31)	04-122	(NOTES 312 & 321)	A		(NOTE 31)	04-122	(NOTES 312 & 321)	A		(NOTE 31)	04-122	(NOTES 312 & 321)	A		(NOTE 31)	04-122	(NOTES 312 & 321)	A		(NOTE 31)	04-122	(NOTES 312 & 321)	A					
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	
NC	I	CON005	005				18BUS0	IO	BBUS0	010		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		1CURPRN	OT	-CURPR	202			5/6, 5/7 5/8		1EBUS4	IO	EBUS4	024		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8	
	I	CON038	038											1CURPRP	OT	-CURPR	302			4/1		1FBUS0	IO	FBUS0	321		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8	
	I	CON044	044											1DATINO	O	DATOUTN	308			4/1		1FBUS1	IO	FBUS1	322		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8	
	I	CON046	046				18BUS1	IO	BBUS1	110		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		1DATOUTO	I	DATINN	207			4/1		1FBUS2	OT	DR	223		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8	
	I	CON138	138											1DBUS0	IO	DBUS0	313			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		1FBUS3	IO	FBUS3	323		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8	
	I	CON144	144																	5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		1FBUS4	IO	FBUS4	324		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8	
	I	CON244	244				18BUS2	IO	BBUS2	011		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		1DBUS1	I	AD18	214			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		1GBUS0	IO	GBUS0	032		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8	
	I	CON344	344																	5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		1GBUS1	IO	GBUS1	033		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8	
+5V10SCO	PHR	+5	001		5/1									10BUS1	I	AD18	214			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		1GBUS2	IO	GBUS2	332		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8	
	PHR	+5	100		5/1		18BUS3	IO	BBUS3	111		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		10BUS10	IO	DBUS10	320			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		1GBUS3	IO	GBUS3	333		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8	
	PHR	+5	101		5/1									10BUS2	IO	DBUS2	314			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		1GRDSCO	OT	GRD137	137		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8	
	PHR	+5V141	141		6/1									10BUS3	IO	DBUS3	315			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		OT	GRD140	140		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		
	PHR	+5	238		5/1		18BUS4	I	RTSA4	210		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		10BUS4	IO	DBUS4	316			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		OT	GRD143	143		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		
	PHR	+5	338		5/1									10BUS5	I	AD58	217			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		OT	GRD148	148		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		
	PHR	+5V341	341		5/1									10BUS6	IO	DBUS6	317			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		OT	GRD150	150		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		
	I	+5VLONG	000		5/1		18BUS5	IO	BBUS5	310		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		10BUS7	IO	DBUS7	318			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		OT	GRD154	154		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		
	I	+5V041	041		5/1									10BUS8	IO	DBUS8	319			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		OT	GRD156	156		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		
	I	+5V241	241		5/1									10BUS9	I	WRB	220			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		OT	GRD236	236		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		
1ABUS0	IO	ABUS0	002		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		18BUS6	I	RTSA6	211		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		10R	OT	DTRO	349			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		OT	GRD239	239		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		
1ABUS1	IO	ABUS1	102		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8									10SCFLOD	O	DSCFLN	342			4/1		OT	GRD242	242		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		
1ABUS2	IO	ABUS2	003		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		18BUS7	IO	BBUS7	311		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		10SCLK	I	DSCCLK	049			4/1		OT	GRD249	249		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		
1ABUS3	IO	ABUS3	103		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8									10SCPE00	O	DSCPEN	343			4/1		OT	GRD253	253		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		
1ABUS4	IO	ABUS4	012		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		180SELO	I	BHSEL	039		4/1		10W	I	DTWR	348			4/1		OT	GRD255	255		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		
1ABUS5	IO	ABUS5	112		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		181SELO	I	BHSEL	040		4/1		1EBUS0	IO	EBUS0	021			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		OT	GRD350	350		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		
1ABUS6	IO	ABUS6	203		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		1CBUS0	IO	CBUS0	013		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		1EBUS1	IO	EBUS1	022			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8								
1ABUS7	IO	ABUS7	303		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		1CBUS1	IO	CBUS1	014		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		1EBUS2	IO	EBUS2	023			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8								
1ASH00	OT	ASH0	347		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		1CBUS10	IO	CBUS10	120		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		1EBUS3	I	IONB	123			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8								
1ASH10	OT	ASH1	346		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8		1CBUS2	OT	DATA1	114		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8																
	I				4/1		1CBUS3	IO	CBUS3	015		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8																
	I				4/1		1CBUS4	IO	CBUS4	016		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8																
	I				4/1		1CBUS5	IO	CBUS5	017		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8																
	I				4/1		1CBUS6	IO	CBUS6	117		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8																
1A0SELO	I	A0SEL	034		4/1		1CBUS7	IO	CBUS7	018		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8																
1A1SELO	I	A1SEL	035		4/1		1CBUS8	IO	CBUS8	019		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8																
1A2SELO	I	A2SEL	036		4/1		1CBUS9	IO	CBUS9	020		5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8																
1A3SELO	I	A3SEL	037		4/1																							
1A4SELO	I	A4SEL	334		4/1																							
1A5SELO	I	A5SEL	335		4/1																							
1A6SELO	I	A6SEL	336		4/1																							
1A7SELO	I	A7SEL	337		4/1																							

PART OF FS 5
SYMBOL(S) 1

DIGITAL SERVICE UNIT		DWG SIZE	ISSUE
		2	8B
AT&T BELL LABORATORIES	SD-5D035-01	B5CA	

PART OF FS 5
DSC SLOTS FG1

SYMBOL NO. 1 (CONT)
1DSULOC0

SYMBOL NO. 1 (CONT)
1DSULOC0

SYMBOL NO. 1 (CONT)
1DSULOC0

SYMBOL NO. 2 (CONT)
1DSULOC1

DESIG EOPT CODE ELEM OPT
LOC LOC CODE IDENT OPT
(NOTE 31) 04-122 (NOTES 312 & 321) A

DESIG EOPT CODE ELEM OPT
LOC LOC CODE IDENT OPT
(NOTE 31) 04-122 (NOTES 312 & 321) A

DESIG EOPT CODE ELEM OPT
LOC LOC CODE IDENT OPT
(NOTE 31) 04-122 (NOTES 312 & 321) A

DESIG EOPT CODE ELEM OPT
LOC LOC CODE IDENT OPT
(NOTE 31) 04-130 (NOTES 312 & 321) A

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	GRD006	006			
	I	GRD008	008			
	I	TCS2A	045			
	I	GRD047	047			
	I	GRD104	104			
	I	GRD107	107			
	I	GRD109	109			
	I	GRD116	116			
	I	GRD119	119			
	I	GRD122	122			
	I	GRD133	133			
	I	GRD135	135			
	I	GRD146	146			
	I	GRD205	205			
	I	GRD208	208			
	I	GRD213	213			
	I	GRD215	215			
	I	GRD218	218			
	I	GRD221	221			
	I	GRD232	232			
	I	GRD234	234			
	I	GRD306	306			
	I	GRD309	309			
	I	GHD312	312			
	GRD	GRD	004			
	GRD	GRD	007			
	GRD	GRD	009			
	GRD	GRD	043			
	GRD	GRD	048			
	GRD	GRD	050			
	GRD	GRD	105			
	GRD	GRD	108			
	GRD	GRD	113			
	GRD	GRD	115			
	GRD	GRD	118			
	GRD	GRD	121			
	GRD	GRD	124			
	GRD	GRD	132			
	GRD	GRD	134			
	GRD	GRD	136			
	GRD	GRD	139			
	GRD	GRD	142			
	GRD	GRD	145			
	GRD	GRD	147			
	GRD	GRD	149			
	GRD	GRD	153			
	GRD	GRD	155			
	GRD	GRD	200			
	GRD	GRD	201			
	GRD	GRD	204			
	GRD	GRD	206			
	GRD	GRD	209			
	GRD	GRD	212			
	GRD	GRD	216			
	GRD	GRD	219			
	GRD	GRD	222			
	GRD	GRD	224			
	GRD	GRD	233			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	235			
	GRD	GRD	237			
	GRD	GRD	240			
	GRD	GRD	243			
	GRD	GRD	246			
	GRD	GRD	248			
	GRD	GRD	250			
	GRD	GRD	254			
	GRD	GRD	256			
	GRD	GRD	300			
	GRD	GRD	301			
	GRD	GRD	304			
	GRD	GRD	307			
	GRD	GRD	345			
1HBUS0	I	HBUS0	051			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8
1HBUS1	OT	BDS1	151			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8
1HBUS2	I	HBUS2	052			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8
1HBUS3	OT	BDS3	152			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8
1HBUS4	I	HBUS4	251			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8
1HBUS5	I	HBUS5	351			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8
1HBUS6	I	HBUS6	252			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8
1HBUS7	I	HBUS7	352			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8
1IBUS0	I	IBUS0	053			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8
1IBUS1	I	IBUS1	054			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8
1IBUS2	I	IBUS2	055			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8
1IBUS3	I	5MHZ	056			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8
1JBUS0	I	JBUS0	353			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8
1JBUS1	I	JBUS1	354			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8
1JBUS2	I	JBUS2	355			5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1JBUS3	I	JBUS3	356			5/8 5/2, 5/3 5/4, 5/5 5/6, 5/7 5/8
1R1SELO	I	ROSEL	340			4/1
1SMSCN00	0	SMSCNM	042			4/1
1W1SELO	I	WRSEL	339			4/1
14MHZCKO	I	4MHZCKN	305			4/1
18KSNCOO	I	8KSYNC	106			4/1

SYMBOL NO. 2
1DSULOC1

DESIG EOPT CODE ELEM OPT
LOC LOC CODE IDENT OPT
(NOTE 31) 04-130 (NOTES 312 & 321) A

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	I	CON005	005			
	I	CON038	038			
	I	CON044	044			
	I	CON046	046			
	I	CON138	138			
	I	CON144	144			
	I	CON244	244			
	I	CON344	344			
+5V1DSC1	PHR	+5	001			5/2
	PHR	+5	100			6/1
	PHR	+5	101			5/2
	PHR	+5V141	141			5/2
	PHR	+5	238			5/2
	PHR	+5	338			5/2
	PHR	+5V341	341			5/2
	I	+5VLONG	000			5/2
	I	+5V041	041			5/2
	I	+5V241	241			5/2
1ABUS0	I	ABUS0	002			5/1
1ABUS1	I	ABUS1	102			5/1
1ABUS2	I	ABUS2	003			5/1
1ABUS3	I	ABUS3	103			5/1
1ABUS4	I	ABUS4	012			5/1
1ABUS5	I	ABUS5	112			5/1
1ABUS6	I	ABUS6	203			5/1
1ABUS7	I	ABUS7	303			5/1
1ASW00	OT	ASW0	347			5/1
1ASW10	OT	ASW1	346			5/1
1A0SELO	I	A0SEL	034			4/1
1A1SELO	I	A1SEL	035			4/1
1A2SELO	I	A2SEL	036			4/1
1A3SELO	I	A3SEL	037			4/1
1A4SELO	I	A4SEL	034			4/1
1A5SELO	I	A5SEL	335			4/1
1A6SELO	I	A6SEL	336			4/1
1A7SELO	I	A7SEL	337			4/1

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1BBUS0	I	BBUS0	010			5/1
1BBUS1	I	BBUS1	110			5/1
1BBUS2	I	BBUS2	011			5/1
1BBUS3	I	BBUS3	111			5/1
1BBUS4	I	RTSA4	210			5/1
1BBUS5	I	BBUS5	310			5/1
1BBUS6	I	RTSA6	211			5/1
1BBUS7	I	BBUS7	311			5/1
1B2SELO	I	BHSEL	039			4/1
1B3SELO	I	BHSEL	040			4/1
1CBUS0	I	CBUS0	013			5/1
1CBUS1	I	CBUS1	014			5/1
1CBUS10	I	CBUS10	120			5/1
1CBUS2	OT	DATA1	114			5/1
1CBUS3	I	CBUS3	015			5/1
1CBUS4	I	CBUS4	016			5/1
1CBUS5	I	CBUS5	017			5/1
1CBUS6	I	CBUS6	117			5/1
1CBUS7	I	CBUS7	018			5/1
1CBUS8	I	CBUS8	019			5/1
1CBUS9	I	CBUS9	020			5/1
1CLRPRN	OT	-CLRPR	202			4/1
1CLRPRP	OT	+CLRPR	302			4/1
1DATIN1	0	DATIN	308			4/1
1DATOUT1	I	DATIN	207			4/1
1DBUS0	I	DBUS0	313			5/1
1DBUS1	I	AD1B	214			5/1
1DBUS10	I	DBUS10	320			5/1
1DBUS2	I	DBUS2	314			5/1
1DBUS3	I	DBUS3	315			5/1
1DBUS4	I	DBUS4	316			5/1
1DBUS5	I	AD5B	217			5/1
1DBUS6	I	DBUS6	317			5/1
1DBUS7	I	DBUS7	318			5/1
1DBUS8	I	DBUS8	319			5/1
1DBUS9	I	HRB	220			5/1
1DR	OT	DTRD	349			5/1
1DSCFL10	0	DSCFLM	342			4/1
1DCLK	I	DCLK	049			4/1
1DSCPE10	0	DSCPEN	343			4/1
1DWR	I	OTWR	348			4/1
1EBUS0	I	EBUS0	021			5/1
1EBUS1	I	EBUS1	022			5/1
1EBUS2	I	EBUS2	023			5/1
1EBUS3	I	10NB	123			5/1
1EBUS4	I	EBUS4	024			5/1
1FBUS0	I	FBUS0	321			5/1
1FBUS1	I	FBUS1	322			5/1
1FBUS2	OT	DR	223			5/1
1FBUS3	I	FBUS3	323			5/1

PART OF FS 5
SYMBOL(S) 1 2

DIGITAL SERVICE UNIT		CHG SIZE	ISSUE
		02	8B
BELL LABORATORIES		SD-50035-01	B5CB

PART OF FS 5
DSC SLOTS FG1

SYMBOL NO. 2 (CONT)
1DSULOC1

SYMBOL NO. 2 (CONT)
1DSULOC1

SYMBOL NO. 3
1DSULOC2

SYMBOL NO. 3 (CONT)
1DSULOC2

SYMBOL NO. 2 (CONT) 1DSULOC1						SYMBOL NO. 2 (CONT) 1DSULOC1						SYMBOL NO. 3 1DSULOC2						SYMBOL NO. 3 (CONT) 1DSULOC2									
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					
(NOTE 31)	04-130	(NOTES 312 & 321)	A			(NOTE 31)	04-130	(NOTES 312 & 321)	A			(NOTE 31)	04-138	(NOTES 312 & 321)	A			(NOTE 31)	04-138	(NOTES 312 & 321)	A						
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1FBUS4	IO	FBUS4	324		5/1			GRD	GRD	132				NC	I	CON005	005					1DATOUT2	I	DATIN	207		4/1
1GBUS0	IO	GBUS0	032		5/1			GRD	GRD	134					I	CON038	038					1DBUS0	IO	DBUS0	313		5/1
1GBUS1	IO	GBUS1	035		5/1			GRD	GRD	136					I	CON044	044					1DBUS1	I	AD1B	214		5/1
1GBUS2	IO	GBUS2	332		5/1			GRD	GRD	139					I	CON046	046					1DBUS10	IO	DBUS10	320		5/1
1GBUS3	IO	GBUS3	333		5/1			GRD	GRD	142					I	CON138	138					1DBUS2	IO	DBUS2	314		5/1
1GRDSC1	OT	GRD137	137					GRD	GRD	145					I	CON144	144					1DBUS3	IO	DBUS3	315		5/1
	OT	GRD140	140					GRD	GRD	147					I	CON244	244					1DBUS4	IO	DBUS4	316		5/1
	OT	GRD143	143					GRD	GRD	149					I	CON344	344					1DBUS5	I	AD5B	217		5/1
	OT	GRD148	148					GRD	GRD	153					I	+5V1DSC2	PHR	+5	001		5/3	1DBUS6	IO	DBUS6	317		5/1
	OT	GRD150	150					GRD	GRD	155					PHR	+5	100			5/3	1DBUS7	IO	DBUS7	318		5/1	
	OT	GRD154	154					GRD	GRD	200					PHR	+5	101			5/3	1DBUS8	IO	DBUS8	319		5/1	
	OT	GRD156	156					GRD	GRD	201					PHR	+5V141	141			5/3	1DBUS9	I	WRB	220		5/1	
	OT	GRD236	236					GRD	GRD	204					PHR	+5	238			5/3	1DR	OT	DTRD	349		5/1	
	OT	GRD239	239					GRD	GRD	206					PHR	+5	338			6/1	1DSCFL20	0	DSCFLN	342		4/1	
	OT	GRD242	242					GRD	GRD	209					PHR	+5V341	341			5/3	1DSCCLK	I	DSCCLK	049		4/1	
	OT	GRD245	245					GRD	GRD	212					I	+5VLDNG	000			5/3	1DSCPE20	0	DSCPEN	343		4/1	
	OT	GRD247	247					GRD	GRD	216					I	+5V041	041			5/3	1DM	I	DTMR	348		4/1	
	OT	GRD249	249					GRD	GRD	219					I	+5V241	241			5/3	1EBUS0	IO	EBUS0	021		5/1	
	OT	GRD253	253					GRD	GRD	222					PHR	+5	100			5/1	1EBUS1	IO	EBUS1	022		5/1	
	OT	GRD255	255					GRD	GRD	224					PHR	+5	101			5/1	1EBUS2	IO	EBUS2	023		5/1	
	OT	GRD350	350					GRD	GRD	224					PHR	+5V141	141			5/1	1EBUS3	I	IONB	123		5/1	
	I	GRD006	006					GRD	GRD	233					I	ABUS0	002			5/1	1EBUS4	IO	EBUS4	024		5/1	
	I	GRD008	008					GRD	GRD	235					PHR	+5	238			5/1	1FBUS0	IO	FBUS0	321		5/1	
	I	TCS2A	045					GRD	GRD	237					PHR	+5V341	341			5/1	1FBUS1	IO	FBUS1	322		5/1	
	I	GRD047	047					GRD	GRD	240					I	ABUS1	102			5/1	1FBUS2	OT	DR	223		5/1	
	I	GRD104	104					GRD	GRD	243					I	ABUS2	003			5/1	1FBUS3	IO	FBUS3	323		5/1	
	I	GRD107	107					GRD	GRD	246					I	ABUS3	103			5/1	1FBUS4	IO	FBUS4	324		5/1	
	I	GRD109	109					GRD	GRD	248					I	ABUS4	012			5/1	1GBUS0	IO	GBUS0	032		5/1	
	I	GRD116	116					GRD	GRD	248					I	ABUS5	112			5/1	1GBUS1	IO	GBUS1	033		5/1	
	I	GRD119	119					GRD	GRD	250					I	ABUS6	203			5/1	1GBUS2	IO	GBUS2	332		5/1	
	I	GRD122	122					GRD	GRD	254					I	ABUS7	303			5/1	1GBUS3	IO	GBUS3	333		5/1	
	I	GRD133	133					GRD	GRD	256					I	ASH00	347			5/1	1GRDSC2	OT	GRD137	137		5/1	
	I	GRD135	135					GRD	GRD	256					I	ASW10	346			5/1		OT	GRD140	140		5/1	
	I	GRD146	146					GRD	GRD	300					I	AOSEL	034			4/1		OT	GRD143	143		5/1	
	I	GRD205	205					GRD	GRD	301					I	A1SEL	035			4/1		OT	GRD148	148		5/1	
	I	GRD208	208					GRD	GRD	304					I	A2SEL	036			4/1		OT	GRD154	154		5/1	
	I	GRD213	213					GRD	GRD	307					I	A3SEL	037			4/1		OT	GRD156	156		5/1	
	I	GRD215	215					GRD	GRD	307					I	A4SEL	034			4/1		OT	GRD236	236		5/1	
	I	GRD218	218					GRD	GRD	307					I	A5SEL	035			4/1		OT	GRD239	239		5/1	
	I	GRD221	221					GRD	GRD	307					I	A6SEL	036			4/1		OT	GRD242	242		5/1	
	I	GRD232	232					GRD	GRD	307					I	A7SEL	037			4/1		OT	GRD245	245		5/1	
	I	GRD234	234					GRD	GRD	307					I	ASSEL	335			4/1		OT	GRD247	247		5/1	
	I	GRD306	306					GRD	GRD	307					I	A6SEL	336			4/1		OT	GRD249	249		5/1	
	I	GRD309	309					GRD	GRD	307					I	A7SEL	337			4/1		OT	GRD253	253		5/1	
	I	GRD312	312					GRD	GRD	307					I	ASSEL	335			4/1		OT	GRD255	255		5/1	
	GRD	GRD	004					GRD	GRD	307					I	B6SEL	336			4/1		OT	GRD350	350		5/1	
	GRD	GRD	007					GRD	GRD	307					I	A7SEL	337			4/1		I	GRD006	006		5/1	
	GRD	GRD	009					GRD	GRD	307					I	ASSEL	335			4/1		I	GRD008	008		5/1	
	GRD	GRD	043					GRD	GRD	307					I	B6SEL	336			4/1		I	TCS2A	045		5/1	
	GRD	GRD	048					GRD	GRD	307					I	A7SEL	337			4/1							
	GRD	GRD	050					GRD	GRD	307					I	ASSEL	335			4/1							
	GRD	GRD	105					GRD	GRD	307					I	B6SEL	336			4/1							
	GRD	GRD	108					GRD	GRD	307					I	A7SEL	337			4/1							
	GRD	GRD	113					GRD	GRD	307					I	ASSEL	335			4/1							
	GRD	GRD	115					GRD	GRD	307					I	B6SEL	336			4/1							
	GRD	GRD	118					GRD	GRD	307					I	A7SEL	337			4/1							
	GRD	GRD	121					GRD	GRD	307					I	ASSEL	335			4/1							
	GRD	GRD	124					GRD	GRD	307					I	B6SEL	336			4/1							

PART OF FS 5
SYMBOL(S) 2 3

DIGITAL SERVICE UNIT		DWG SIZE	ISSUE
		α	

PART OF FS 5
DSC SLOTS FG1

SYMBOL NO. 3 (CONT)							SYMBOL NO. 3 (CONT)							SYMBOL NO. 4 (CONT)							SYMBOL NO. 4 (CONT)						
1DSULOC2							1DSULOC2							1DSULOC3							1DSULOC3						
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		
(NOTE 31)	04-138	(NOTES 312 & 321)	A				(NOTE 31)	04-138	(NOTES 312 & 321)	A				(NOTE 31)	04-146	(NOTES 312 & 321)	A				(NOTE 31)	04-146	(NOTES 312 & 321)	A			
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	GRD047	047					GRD	GRD	243					I	+5VLONG	000			5/4		1DSCEP30	O	DSCPEN	343		4/1
	I	GRD104	104					GRD	GRD	246					I	+5V041	041			5/4		1DM	I	DTWR	348		4/1
	I	GRD107	107					GRD	GRD	248					I	+5V241	241			5/4		1EBUS0	IO	EBUS0	021		5/1
	I	GRD109	109					GRD	GRD	250												1EBUS1	IO	EBUS1	022		5/1
	I	GRD116	116					GRD	GRD	254												1EBUS2	IO	EBUS2	023		5/1
	I	GRD119	119					GRD	GRD	256												1EBUS3	I	IONB	123		5/1
	I	GRD122	122					GRD	GRD	300												1EBUS4	IO	EBUS4	024		5/1
	I	GRD133	133					GRD	GRD	301												1FBUS0	IO	FBUS0	321		5/1
	I	GRD135	135					GRD	GRD	304												1FBUS1	IO	FBUS1	322		5/1
	I	GRD146	146					GRD	GRD	307												1FBUS2	OT	DR	223		5/1
	I	GRD205	205					GRD	GRD	345												1FBUS3	IO	FBUS3	323		5/1
	I	GRD208	208					IO	HBUS0	051			5/1									1FBUS4	IO	FBUS4	324		5/1
	I	GRD213	213					1HBUS0														1GBUS0	IO	GBUS0	032		5/1
	I	GRD215	215					1HBUS1	OT	BDS1	151		5/1									1GBUS1	IO	GBUS1	033		5/1
	I	GRD218	218					1HBUS2	OT	HBUS2	052		5/1									1GBUS2	IO	GBUS2	332		5/1
	I	GRD221	221					1HBUS3	OT	BDS3	152		5/1									1GBUS3	IO	GBUS3	333		5/1
	I	GRD232	232					1HBUS4	IO	HBUS4	251		5/1									1GRDSC3	OT	GRD137	137		
	I	GRD234	234					1HBUS5	IO	HBUS5	351		5/1									OT	GRD140	140			
	I	GRD306	306					1HBUS6	IO	HBUS6	252		5/1									OT	GRD143	143			
	I	GRD309	309					1HBUS7	IO	HBUS7	352		5/1									OT	GRD148	148			
	I	GRD312	312					1IBUS0	IO	IBUS0	053		5/1									OT	GRD150	150			
	GRD	GRD	004					1IBUS1	IO	IBUS1	054		5/1									OT	GRD154	154			
	GRD	GRD	007					1IBUS2	IO	IBUS2	055		5/1									OT	GRD156	156			
	GRD	GRD	009					1IBUS3	I	5PHZ	056		5/1									OT	GRD236	236			
	GRD	GRD	043					1IBUS0	IO	IBUS0	353		5/1									OT	GRD239	239			
	GRD	GRD	048					1JBUS1	IO	JBUS1	354		5/1									OT	GRD242	242			
	GRD	GRD	050					1JBUS2	IO	JBUS2	355		5/1									OT	GRD245	245			
	GRD	GRD	105					1JBUS3	IO	JBUS3	356		5/1									OT	GRD247	247			
	GRD	GRD	108					1R1SELO	I	ROSEL	340		4/1									OT	GRD249	249			
	GRD	GRD	113					1SMSCN20	O	SMSCHN	042		4/1									OT	GRD253	253			
	GRD	GRD	115					1W1SELO	I	W1SEL	339		4/1									OT	GRD255	255			
	GRD	GRD	118					14MHZCK2	I	4MHZCKN	305		4/1									OT	GRD350	350			
	GRD	GRD	121					18KSN20	I	8KSYNC	106		4/1									I	GRD006	006			
	GRD	GRD	124																			I	GRD008	008			
	GRD	GRD	132																			I	TCSZA	045			
	GRD	GRD	134																			I	GRD047	047			
	GRD	GRD	136																			I	GRD104	104			
	GRD	GRD	139																			I	GRD107	107			
	GRD	GRD	142																			I	GRD109	109			
	GRD	GRD	145																			I	GRD116	116			
	GRD	GRD	147																			I	GRD119	119			
	GRD	GRD	149																			I	GRD122	122			
	GRD	GRD	153																			I	GRD133	133			
	GRD	GRD	200																			I	GRD135	135			
	GRD	GRD	201																			I	GRD146	146			
	GRD	GRD	204																			I	GRD205	205			
	GRD	GRD	206																			I	GRD208	208			
	GRD	GRD	209																			I	GRD213	213			
	GRD	GRD	212																			I	GRD215	215			
	GRD	GRD	216																			I	GRD218	218			
	GRD	GRD	219																								
	GRD	GRD	222																								
	GRD	GRD	224																								
	GRD	GRD	233																								
	GRD	GRD	235																								
	GRD	GRD	237																								
	GRD	GRD	240																								

PART OF FS 5
SYMBOL(S) 3 4

DIGITAL SERVICE UNIT		DWG SIZE	ISSUE
		2	8B
AT&T BELL LABORATORIES		SD-5D035-01	B5CD

PRINTED IN U. S. A. 67730785

PART OF FS 5
DSC SLOTS FG1

SYMBOL NO. 5 (CONT)
1DSULOC4

SYMBOL NO. 5 (CONT)
1DSULOC4

SYMBOL NO. 6 (CONT)
1DSULOC5

SYMBOL NO. 6 (CONT)
1DSULOC5

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		
(NOTE 31)	04-154	(NOTES 312 & 321)	A		(NOTE 31)	04-154	(NOTES 312 & 321)	A		(NOTE 31)	04-162	(NOTES 312 & 321)	A		(NOTE 31)	04-162	(NOTES 312 & 321)	A			
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	
GRD	GRD		307				1R2SELO	I	ROSEL	340		4/1		1BBUS6	I	RTSA6	211		5/1		
GRD	GRD	345			5/5		15MSCN40	O	SMSCNN	042		4/1		1BBUS7	I	BBUS7	311		5/1		
OT	GRD137	137			5/5		1WZSELO	I	WRSEL	339		4/1		1B2SELO	I	BMSL	039		4/1		
OT	GRD140	140			6/1		14MHZCK4	I	4MHZCKN	305		4/1		1B3SELO	I	BNSL	040		4/1		
I							1AKSNC40	I	8KSYNC	106		4/1		1CBUS0	I	CBUS0	013		5/1		
OT	GRD143	143			5/5								1CBUS1	I	CBUS1	014		5/1			
OT	GRD148	148			5/5								1CBUS10	OT	CBUS10	120		5/1			
OT	GRD150	150			5/5								1CBUS2	OT	DATA1	114		5/1			
OT	GRD154	154			5/5								1CBUS3	OT	CBUS3	015		5/1			
OT	GRD156	156			5/5								1CBUS4	OT	CBUS4	016		5/1			
OT	GRD236	236			5/5								1CBUS5	OT	CBUS5	017		5/1			
OT	GRD239	239			5/5								1CBUS6	OT	CBUS6	117		5/1			
OT	GRD242	242			5/5								1CBUS7	OT	CBUS7	018		5/1			
OT	GRD245	245			5/5								1CBUS8	OT	CBUS8	019		5/1			
OT	GRD247	247			5/5								1CBUS9	OT	CBUS9	020		5/1			
OT	GRD249	249			5/5								1CURPRN	OT	-CURPR	202		4/1			
OT	GRD253	253			5/5								1CURPRP	OT	-CURPR	302		4/1			
OT	GRD255	255			5/5								1DATIN5	O	DATOUTN	308		4/1			
OT	GRD350	350			5/5								1DATOUT5	I	DATINN	207		4/1			
I	GRD006	006			5/5								1DBUS0	I	DBUS0	313		5/1			
I	GRD008	008			5/5								1DBUS1	I	AD1B	214		5/1			
I	TL5ZA	045			5/5								1DBUS10	OT	DBUS10	320		5/1			
I	GRD047	047			5/5								1DBUS2	OT	DBUS2	314		5/1			
I	GRD104	104			5/5								1DBUS3	OT	DBUS3	315		5/1			
I	GRD107	107			5/5								1DBUS4	OT	DBUS4	316		5/1			
I	GRD109	109			5/5								1DBUS5	I	AD5B	217		5/1			
I	GRD116	116			5/5								1DBUS6	OT	DBUS6	317		5/1			
I	GRD119	119			5/5								1DBUS7	OT	DBUS7	318		5/1			
I	GRD122	122			5/5								1DBUS8	OT	DBUS8	319		5/1			
I	GRD133	133			5/5								1DBUS9	I	HRB	220		5/1			
I	GRD135	135			5/5								1DR	OT	DTRO	349		5/1			
I	GRD146	146			5/5								1DSCFL50	O	DSEFLN	342		4/1			
I	GRD205	205			5/5								1DSCFLK	I	DSECLK	049		4/1			
I	GRD208	208			5/5								1DSCPE50	O	DSCPEM	343		4/1			
I	GRD213	213			5/5								1DM	I	OTHR	348		4/1			
I	GRD215	215			5/5								1EBUS0	OT	EBUS0	021		5/1			
I	GRD218	218			5/5								1EBUS1	OT	EBUS1	022		5/1			
I	GRD221	221			5/5								1EBUS2	OT	EBUS2	023		5/1			
I	GRD232	232			5/5								1EBUS3	I	IONB	123		5/1			
I	GRD234	234			5/5								1EBUS4	OT	EBUS4	024		5/1			
I	GRD306	306			5/5								1FBUS0	OT	FBUS0	321		5/1			
I	GRD309	309			5/5								1FBUS1	OT	FBUS1	322		5/1			
I	GRD312	312			5/5								1FBUS2	OT	DR	223		5/1			
I	HBUS0	051			5/1								1FBUS3	OT	FBUS3	323		5/1			
OT	BDS1	151			5/1								1FBUS4	OT	FBUS4	324		5/1			
OT	HBUS2	052			5/1								1GBUS0	OT	GBUS0	032		5/1			
OT	BDS3	152			5/1								1GBUS1	OT	GBUS1	033		5/1			
OT	BDS4	154			5/1								1GBUS2	OT	GBUS2	332		5/1			
OT	HBUS5	251			5/1								1GBUS3	OT	GBUS3	333		5/1			
OT	HBUS6	252			5/1								1GRDSC5	OT	GRD137	137					
OT	HBUS7	352			5/1										GRD140	140					
OT	1BUS0	053			5/1										GRD143	143					
OT	1BUS1	054			5/1										GRD148	148					
OT	1BUS2	055			5/1										GRD150	150					
OT	1BUS3	056			5/1										GRD154	154					
OT	1BUS0	353			5/1										GRD156	156					
OT	1BUS1	354			5/1										GRD236	236					
OT	1BUS2	355			5/1										GRD239	239					
OT	1BUS3	356			5/1										GRD242	242					
OT	1BUS0	010			5/1										GRD245	245					
OT	1BUS1	110			5/1																
OT	1BUS2	011			5/1																
OT	1BUS3	111			5/1																
OT	1BUS4	210			5/1																
OT	1BUS5	310			5/1																

SYMBOL NO. 6
1DSULOC5

PART OF FS 5
SYMBOL(S) 5 6

DIGITAL SERVICE UNIT		OMC SIZE	ISSUE
		2	8B
AT&T BELL LABORATORIES	SD-50035-01	B5CF	

PART OF FS 5
DSC SLOTS FG1

SYMBOL NO. 7 (CONT)
10SULOC6

SYMBOL NO. 8 (CONT)
10SULOC7

SYMBOL NO. 8 (CONT)
10SULOC7

SYMBOL NO. 8 (CONT)
10SULOC7

DESIG EOPT CODE ELEM OPT
LOC LOC CODE IDENT IDENT
(NOTE 31) 04-178 (NOTES 312 & 321) A

DESIG EOPT CODE ELEM OPT
LOC LOC CODE IDENT IDENT
(NOTE 31) 04-178 (NOTES 312 & 321) A

DESIG EOPT CODE ELEM OPT
LOC LOC CODE IDENT IDENT
(NOTE 31) 04-178 (NOTES 312 & 321) A

DESIG EOPT CODE ELEM OPT
LOC LOC CODE IDENT IDENT
(NOTE 31) 04-178 (NOTES 312 & 321) A

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
		GRD GRD	248			
		GRD GRD	250			
		GRD GRD	254			
		GRD GRD	256			
		GRD GRD	300			
		GRD GRD	301			
		GRD GRD	304			
		GRD GRD	307			
		GRD GRD	343			
1HBUS0	10	GRD HBUS0	051		5/1	
1HBUS1	OT	BOS1	151		5/1	
1HBUS2	10	HBUS2	052		5/1	
1HBUS3	OT	BOS3	152		5/1	
1HBUS4	10	HBUS4	251		5/1	
1HBUS5	10	HBUS5	351		5/1	
1HBUS6	10	HBUS6	252		5/1	
1HBUS7	10	HBUS7	352		5/1	
1IBUS0	10	IBUS0	053		5/1	
1IBUS1	10	IBUS1	054		5/1	
1IBUS2	10	IBUS2	055		5/1	
1IBUS3	10	IBUS3	056		5/1	
1JBUS0	10	JBUS0	353		5/1	
1JBUS1	10	JBUS1	354		5/1	
1JBUS2	10	JBUS2	355		5/1	
1JBUS3	10	JBUS3	356		5/1	
1RZSEL0	1	RZSEL	340		4/1	
1SMSCN60	0	SMSCNN	042		4/1	
1WZSEL0	1	WZSEL	339		4/1	
14MHZCK6	1	4MHZCKN	305		4/1	
18KSN60	1	8KSYNC	106		4/1	

SYMBOL NO. 8
10SULOC7

DESIG EOPT CODE ELEM OPT
LOC LOC CODE IDENT IDENT
(NOTE 31) 04-178 (NOTES 312 & 321) A

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	1	CON005	005			
	1	CON038	038			
	1	CON044	044			
	1	CON046	046			
	1	CON138	138			
	1	CON144	144			
	1	CON244	244			
	1	CON344	344			
+5V1DSC7	PHR	+5	001		5/8	
	PHR	+5	100		5/8	
	PHR	+5	101		5/8	
	PHR	+5V141	141		6/1	
	PHR	+5	238		5/8	
	PHR	+5	338		5/8	
	PHR	+5V341	341		5/8	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	1	+5V1DNG	000		5/8	
	1	+5V041	041		5/8	
	1	+5V241	241		5/8	
1ABUS0	10	ABUS0	002		5/1	
1ABUS1	10	ABUS1	102		5/1	
1ABUS2	10	ABUS2	003		5/1	
1ABUS3	10	ABUS3	103		5/1	
1ABUS4	10	ABUS4	012		5/1	
1ABUS5	10	ABUS5	112		5/1	
1ABUS6	10	ABUS6	203		5/1	
1ABUS7	10	ABUS7	303		5/1	
1ASH00	OT	ASH0	347		5/1	
1ASH10	OT	ASH1	346		5/1	
1A0SEL0	1	A0SEL	034		4/1	
1A1SEL0	1	A1SEL	035		4/1	
1A2SEL0	1	A2SEL	036		4/1	
1A3SEL0	1	A3SEL	037		4/1	
1A4SEL0	1	A4SEL	334		4/1	
1A5SEL0	1	A5SEL	335		4/1	
1A6SEL0	1	A6SEL	336		4/1	
1A7SEL0	1	A7SEL	337		4/1	
1BBUS0	10	BBUS0	010		5/1	
1BBUS1	10	BBUS1	110		5/1	
1BBUS2	10	BBUS2	011		5/1	
1BBUS3	10	BBUS3	111		5/1	
1BBUS4	1	RTSA4	210		5/1	
1BBUS5	10	BBUS5	310		5/1	
1BBUS6	1	RTSA6	211		5/1	
1BBUS7	10	BBUS7	311		5/1	
1B6SEL0	1	B6SEL	039		4/1	
1B7SEL0	1	B7SEL	040		4/1	
1CBUS0	10	CBUS0	013		5/1	
1CBUS1	10	CBUS1	014		5/1	
1CBUS10	10	CBUS10	120		5/1	
1CBUS2	OT	DATA1	114		5/1	
1CBUS3	10	CBUS3	015		5/1	
1CBUS4	10	CBUS4	016		5/1	
1CBUS5	10	CBUS5	017		5/1	
1CBUS6	10	CBUS6	117		5/1	
1CBUS7	10	CBUS7	018		5/1	
1CBUS8	10	CBUS8	019		5/1	
1CBUS9	10	CBUS9	020		5/1	
1CURPRN	OT	-CURPR	202		4/1	
1CURPRP	OT	+CURPR	302		4/1	
1DATIN7	0	DATOUTN	308		4/1	
1DATOUT7	1	DATINN	207		4/1	
1DBUS0	10	DBUS0	313		5/1	
1DBUS1	1	AD1B	214		5/1	
1DBUS10	10	DBUS10	320		5/1	
1DBUS2	10	DBUS2	314		5/1	
1DBUS3	10	DBUS3	315		5/1	
1DBUS4	10	DBUS4	316		5/1	
1DBUS5	1	AD5B	217		5/1	
1DBUS6	10	DBUS6	317		5/1	
1DBUS7	10	DBUS7	318		5/1	
1DBUS8	10	DBUS8	319		5/1	
1DBUS9	1	WRB	220		5/1	
1DR	OT	DTRD	349		5/1	
1DSCFL70	0	DSCFLN	342		4/1	
1DSCCLK	1	DSCCLK	049		4/1	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1DSCPE70	0	DSCPEN	343		4/1	
1DWR	1	DWR	348		4/1	
1EBUS0	10	EBUS0	021		5/1	
1EBUS1	10	EBUS1	022		5/1	
1EBUS2	10	EBUS2	023		5/1	
1EBUS3	1	IONB	123		5/1	
1EBUS4	10	EBUS4	024		5/1	
1FBUS0	10	FBUS0	321		5/1	
1FBUS1	10	FBUS1	322		5/1	
1FBUS2	OT	DR	223		5/1	
1FBUS3	10	FBUS3	323		5/1	
1FBUS4	10	FBUS4	324		5/1	
1GBUS0	10	GBUS0	032		5/1	
1GBUS1	10	GBUS1	033		5/1	
1GBUS2	10	GBUS2	332		5/1	
1GBUS3	10	GBUS3	333		5/1	
1GRDSC7	OT	GRD137	137			
	OT	GRD140	140			
	OT	GRD143	143			
	OT	GRD148	148			
	OT	GRD150	150			
	OT	GRD154	154			
	OT	GRD156	156			
	OT	GRD236	236			
	OT	GRD239	239			
	OT	GRD242	242			
	OT	GRD245	245			
	OT	GRD247	247			
	OT	GRD249	249			
	OT	GRD253	253			
	OT	GRD255	255			
	OT	GRD350	350			
	1	GRD006	006			
	1	GRD008	008			
	1	TCS2A	045			
	1	GRD047	047			
	1	GRD104	104			
	1	GRD107	107			
	1	GRD109	109			
	1	GRD116	116			
	1	GRD119	119			
	1	GRD122	122			
	1	GRD133	133			
	1	GRD135	135			
	1	GRD146	146			
	1	GRD205	205			
	1	GRD208	208			
	1	GRD213	213			
	1	GRD215	215			
	1	GRD218	218			
	1	GRD221	221			
	1	GRD232	232			
	1	GRD234	234			
	1	GRD306	306			
	1	GRD309	309			
	1	GRD312	312			
	GRD	GRD	004			
	GRD	GRD	007			
	GRD	GRD	009			
	GRD	GRD	043			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
		GRD GRD	048			
		GRD GRD	050			
		GRD GRD	105			
		GRD GRD	108			
		GRD GRD	113			
		GRD GRD	115			
		GRD GRD	118			
		GRD GRD	121			
		GRD GRD	124			
		GRD GRD	132			
		GRD GRD	134			
		GRD GRD	136			
		GRD GRD	139			
		GRD GRD	142			
		GRD GRD	145			
		GRD GRD	147			
		GRD GRD	149			
		GRD GRD	153			
		GRD GRD	155			
		GRD GRD	200			
		GRD GRD	201			
		GRD GRD	204			
		GRD GRD	206			
		GRD GRD	209			
		GRD GRD	212			
		GRD GRD	216			
		GRD GRD	219			
		GRD GRD	222			
		GRD GRD	224			
		GRD GRD	233			
		GRD GRD	235			
		GRD GRD	237			
		GRD GRD	240			
		GRD GRD	243			
		GRD GRD	246			
		GRD GRD	248			
		GRD GRD	250			
		GRD GRD	254			
		GRD GRD	256			
		GRD GRD	300			
		GRD GRD	301			
		GRD GRD	304			
		GRD GRD	307			
		GRD GRD	343			
1HBUS0	10	GRD HBUS0	051		5/1	
1HBUS1	OT	BOS1	151		5/1	
1HBUS2	10	HBUS2	052		5/1	
1HBUS3	OT	BOS3	152		5/1	
1HBUS4	10	HBUS4	251		5/1	
1HBUS5	10	HBUS5	351		5/1	

PART OF FS 5
SYMBOL(S) 7 & 8

DIGITAL SERVICE UNIT		DWG SIZE	ISSUE
		2	8B
AT&T BELL LABORATORIES	SD-50035-01	B5CH	

PART OF FS 5
DSC SLOTS FG1

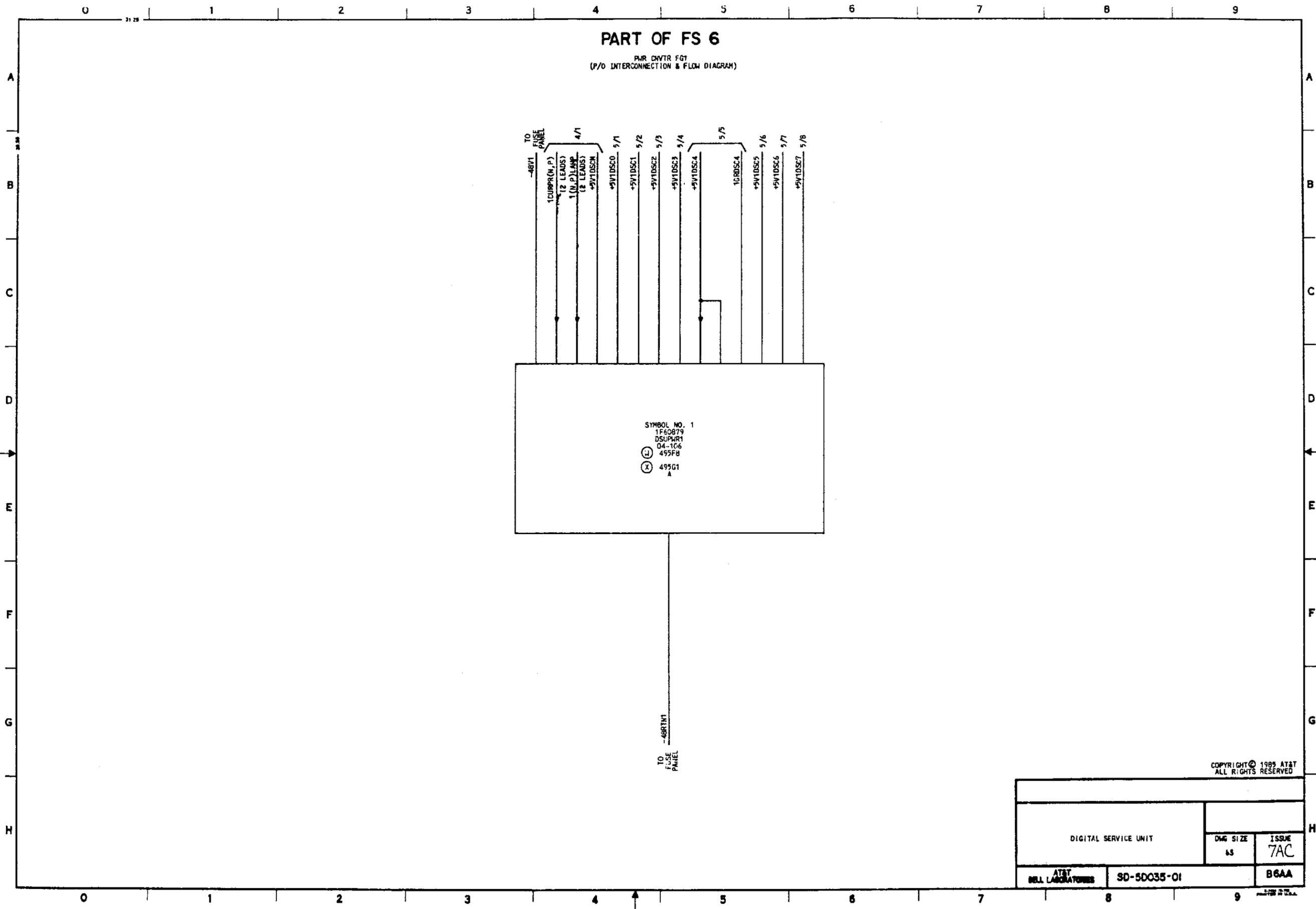
SYMBOL NO. 8 (CONT)
10SULDC7

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
(NOTE 31)	04-178	(NOTES 312 & 321)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
1HBUS6	IO	HBUS6	252	5/1	
1HBUS7	IO	HBUS7	352	5/1	
1IBUS0	IO	IBUS0	053	5/1	
1IBUS1	IO	IBUS1	054	5/1	
1IBUS2	IO	IBUS2	055	5/1	
1IBUS3	I	5MHZ	056	5/1	
1JBUS0	IO	JBUS0	353	5/1	
1JBUS1	IO	JBUS1	354	5/1	
1JBUS2	IO	JBUS2	355	5/1	
1JBUS3	IO	JBUS3	356	5/1	
1R2SEL0	I	ROSEL	340	4/1	
1SMSCN70	O	SMSCNN	042	4/1	
1W2SEL0	I	WRSEL	339	4/1	
14MHZCK7	I	4MHZCKN	305	4/1	
18KSN70	I	8KSYNC	106	4/1	

PART OF FS 5
SYMBOL(S) 8

DIGITAL SERVICE UNIT		CHG SIZE	ISSUE
		2	8B
AT&T BELL LABORATORIES	SD-5D035-01	B5CJ	



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DIGITAL SERVICE UNIT		
	DWG SIZE AS	ISSUE 7AC
AT&T BELL LABORATORIES	SD-50035-01	B6AA

PART OF FS 6

PHR CNVTR FG1

SYMBOL NO. 1
1F60879

SYMBOL NO. 1 (CONT)
1F60879

SYMBOL NO. 1 (CONT)
1F60879

SYMBOL NO. 1 (CONT)
1F60879

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DSUPHR1	04-106	495FB	A	(W)
DSUPHR1	04-106	495G1	A	(X)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DSUPHR1	04-106	495FB	A	(W)
DSUPHR1	04-106	495G1	A	(X)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DSUPHR1	04-106	495FB	A	(W)
DSUPHR1	04-106	495G1	A	(X)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DSUPHR1	04-106	495FB	A	(W)
DSUPHR1	04-106	495G1	A	(X)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	PHR	VIN(-)	206			
	(W)PHR	VIN(-)	206			
	(W)PHR	VIN(-)	207			
	PHR	VIN(-)	207			
	PHR	VIN(-)	208			
	(W)PHR	VIN(-)	208			
	(W)PHR	VOUT1(+)	245			
	PHR	VOUT1(+)	245			
	PHR	VOUT1(+)	246			
	(W)PHR	VOUT1(+)	246			
	(W)PHR	VOUT1(+)	247			
	PHR	VOUT1(+)	247			
	PHR	VOUT1(+)	248			
	(W)PHR	VOUT1(+)	248			
	(W)PHR	VOUT1(+)	249			
	PHR	VOUT1(+)	249			
	PHR	VOUT1(+)	250			
	(W)PHR	VOUT1(+)	250			
	(W)PHR	VOUT1(+)	251			
	PHR	VOUT1(+)	251			
	PHR	VOUT1(+)	252			
	(W)PHR	VOUT1(+)	252			
	(W)PHR	VOUT1(+)	253			
	PHR	VOUT1(+)	253			
	PHR	VOUT1(+)	254			
	(W)PHR	VOUT1(+)	254			
	(W)PHR	VOUT1(+)	255			
	PHR	VOUT1(+)	255			
	PHR	VOUT1(+)	256			
	(W)PHR	VOUT1(+)	256			
	(W)PHR	VIN(-)	306			
	PHR	VIN(-)	306			
	PHR	VIN(-)	307			
	(W)PHR	VIN(-)	307			
	(W)PHR	VIN(-)	308			
	PHR	VIN(-)	308			
	PHR	VOUT1(+)	345			
	(W)PHR	VOUT1(+)	345			
	(W)PHR	VOUT1(+)	346			
	PHR	VOUT1(+)	346			
	PHR	VOUT1(+)	347			
	(W)PHR	VOUT1(+)	347			
	(W)PHR	VOUT1(+)	348			
	PHR	VOUT1(+)	348			
	PHR	VOUT1(+)	349			
	(W)PHR	VOUT1(+)	349			
	(W)PHR	VOUT1(+)	350			
	PHR	VOUT1(+)	350			
	PHR	VOUT1(+)	351			
	(W)PHR	VOUT1(+)	351			
	(W)PHR	VOUT1(+)	352			
	PHR	VOUT1(+)	352			
	PHR	VOUT1(+)	353			
	(W)PHR	VOUT1(+)	353			
	(W)PHR	VOUT1(+)	354			
	PHR	VOUT1(+)	354			
	PHR	VOUT1(+)	355			
	(W)PHR	VOUT1(+)	355			
	(W)PHR	VOUT1(+)	356			
	PHR	VOUT1(+)	356			

PART OF FS 6
SYMBOL(S) 1

DIGITAL SERVICE UNIT		DWG SIZE	ISSUE
		2	7AC
AT&T BELL LABORATORIES		SD-5D035-01	B6CA

PRINTED IN U. S. A. 07/30/85

APP FIG. 1

WIRING AS PER FS 1-6

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DIGITAL SERVICE UNIT		DWG SIZE	ISSUE
		65	7AC
AT&T BELL LABORATORIES	SD-50035-01	CI	

PRINTED IN U. S. A. 07/30/85

CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
	700 5 AMP	-48V	SERVICE GROUP (TOTAL OF 2 SERVICE GROUPS)
BATTERY SYMBOL		VOLTAGE RANGE	
-48		-42.75 TO -52.50	

EQUIPMENT NOTES:

201. UNLESS OTHERWISE SPECIFIED, ALL BACKPLANE WIRING WILL BE AUTOMATIC MACHINE WIRING (A-04) 30 GAUGE, WHICH HAS BEEN PROCESSED BY THE WESHAP PROGRAMS.
202. ALL PRINTED WIRING CONNECTIONS ARE SPECIFIED BY ED-50007.

211. FILTERED POWER AND GROUND CONNECTIONS (PINS 000, 200, 201, 202, 300, 301, 302) ON THE BACKPLANE WILL BE EQUIPPED WITH THE LONGER 184 TYPE BACKPLANE CONNECTOR PINS AT THE FOLLOWING EQL'S - 032, 040, 049, 056, 064, 072, 080, 088, 122, 130, 138, 146, 154, 162, 170, AND 178.

212. SWITCH S1 MUST BE SET AS FOLLOWS WHERE X = EITHER WAY, Ø = OPN AND C = CLOSED.

FOR FIRST TH304:

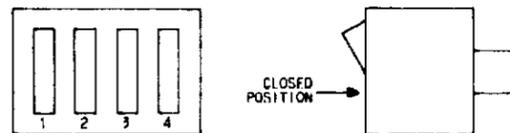
SW POS	STATE
1	C
2	Ø
3	Ø
4	X

FOR SECOND TH304:

SW POS	STATE
1	Ø
2	C
3	Ø
4	X

FOR THIRD TH304:

SW POS	STATE
1	Ø
2	Ø
3	C
4	X



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DIGITAL SERVICE UNIT		DWG SIZE	ISSUE
		65	7AC
AT&T BELL LABORATORIES	SD-5D036-01	DI	

INFORMATION NOTES:

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

FEATURE OR OPTION	APP FIG.	APP OR LRG	PROVIDE	
			QUANTITY	
BASIC WIRING AND EQUIPMENT REQUIRED FOR ONE DIGITAL SERVICE UNIT.				1 PER CKT
COMMON BOARD	TN128	1,2,3		
POWER CONVERTER	495FB		U	
SEE NOTE 313	495G1		X	
UNIVERSAL TONE GENERATOR				1 PER CKT
TN132	MC5000A1		Z	
TN892	MC5000A1B	4	R	
	MC5000A1C		Q	
UNIVERSAL TONE DECODER				1 PER CKT
2 DECODERS/PACK	TN130		Z	
	MC5000A1			
4 DECODERS/PACK	TN133	5	T	
	MC50032A1		S	
	MC50032A1B			
UNIVERSAL CONFERENCE CIRCUIT				1 PER CKT
TWO 3-WAY CONFERENCE/PACKS	TN234	6	Z, Y	
FIVE 3-WAY CONFERENCE/PACKS	TN841		Y	
TRANSMISSION TEST FUNCTIONS				1 PER CKT
TN302		7	Z, Y	
TN303		8	Z, Y	
MC50214A1(TN305)		10	Z, Y	
TTF RESPONDER PACK				1 PER CKT
TN304		9	V	
TN304B		9	U	
REVERTING PULSING TRANSMITTER	MC50068A1(TN893)	11		1 PER CKT
SIX PORT CONFERENCE				1 PER CKT
MC50069A1(TN1032)		12		

CHANGES ON ISSUE	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT		
				STD	AM	MD
18	Z, Y	Z	306 307 308 309	Y	Z	
28	V, U	V	317 318	U		
5A	T, S	T		S	T	
5B	R, Q	Q		R	Q	

INFORMATION NOTES: (CONT)

CIRCUIT PACK CODE OR MICROCODE	COMMON LANGUAGE EQUIPMENT IDENTIFICATION CODE (CLEI)
MC5000A1(TN132)	E5M000AAX
MC5000A1B(TN892)	E5M016AAX
MC5000A1C(TN892)	E5M044AAX
MC5001A1(TN130)	E5M031AAX
MC5002A1(TN234)	E5M030AAX
MC50032A1(TN133)	E5M035AAX
MC50032A1B(TN133)	E5M036AAX
MC50068A1(TN893)	E5M037AAX
MC50069A1(TN1032)	E5M037HAX
MC50214A1(TN305)	E5M035AAX
TN120	E5P104AAX
TN302	E5P119AAX
TN303	EMPQ19BAX
TN304	E5PQ18YAX
TN304B	E5PQ34AAX
TN841	E5PQ30FAX
495FB	PMPQ54EAX
495G1	PMPQ21GAX

305. LINE ENGINEER MUST SPECIFY DSU IDENTIFICATION I.E. DSUO, DSU1, ETC., AND FRAME VERTICAL EQL'S ON JOB SPECIFICATION. LOCAL DSU IS ALWAYS DSUO AND AT EQL 168 IN THE LINE TRUNK FRAME. GLOBAL DSU'S WILL BE DSU1 OR ABOVE AND MOUNTED AT A VERTICAL EQL DETERMINED BY THE LINE ENGINEER IN THE LINE TRUNK FRAME OR SUPPLEMENTARY LINE TRUNK FRAME.

306. LINE ENGINEER MUST SPECIFY CIRCUIT PACK EQL'S ON JOB SPECIFICATION. TN130, TN132, TN234, TN302, TN303, TN304, TN304B AND TN305 CAN BE EQUIPPED IN SERVICE GROUP 0, IN ANY OF THE FOLLOWING EQL'S-032, 040, 048, 056, 064, 072, 080 AND 088, OR IN SERVICE GROUP 1 EQL'S 122, 130, 138, 146, 154, 162, 170 AND 178 FOR OPTION Z AND/OR OPTION V OR U.

TN302 THRU TN305 MUST BE ASSIGNED TO ONLY ONE SERVICE GROUP. THEY CANNOT BE SPLIT BETWEEN THE TID. IN ADDITION, TN302 AND TN305 MUST BE EQUIPPED IN PAIRS: IF ASSIGNED TO SERVICE GROUP 0, BOTH MUST BE EQUIPPED IN EQL'S 032 THRU 096 OR IN 064 THRU 088. IF ASSIGNED TO SERVICE GROUP 1, BOTH MUST BE EQUIPPED IN EQL'S 122 THRU 146 OR IN 154 THRU 178 FOR EITHER OPTION Z OR Y.

307. LOCAL DSU MAY ONLY BE EQUIPPED WITH CIRCUIT PACKS TN128, TN130 AND TN132 AS REQUIRED FOR OPTION Z.

GLOBAL DSU MAY ONLY BE EQUIPPED WITH CIRCUIT PACKS TN234, TN302, TN128, TN303, TN304, TN304B AND TN305 AS REQUIRED FOR OPTION Z AND/OR OPTION V OR U.

IN ADDITION, NO ONE SERVICE GROUP SHOULD BE EQUIPPED WITH MORE THAN FIVE TN234 CIRCUIT PACKS FOR OPTION Z.

308. LINE ENGINEER MUST SPECIFY CIRCUIT PACK EQL'S ON JOB SPECIFICATION. TN133, TN892, TN302, TN303, TN304, TN304B AND TN305 CAN BE EQUIPPED IN SERVICE GROUP 0, IN ANY OF THE FOLLOWING EQL'S 032, 040, 048, 056, 064, 072, 080 AND 088, OR IN SERVICE GROUP 1 EQL'S 122, 130, 138, 146, 154, 162, 170 AND 178 FOR OPTIONS S OR T, Q OR R AND/OR OPTION V OR U.

309. LOCAL DSU MAY ONLY BE EQUIPPED WITH CIRCUIT PACKS TN128, TN133 AND TN892 AS REQUIRED FOR OPTIONS S OR T AND Q OR R.

GLOBAL DSU MAY ONLY BE EQUIPPED WITH CIRCUIT PACKS TN128, TN841, TN234, TN302, TN303, TN304, TN304B, TN305, TN1032 AS REQUIRED FOR OPTION Y AND/OR OPTION V OR U.

IN ADDITION, NO ONE SERVICE GROUP SHOULD BE EQUIPPED WITH MORE THAN TWO TN841 CIRCUIT PACKS FOR OPTION Y.

INFORMATION NOTES: (CONT)

310. OPTION Z IS ORIGINAL DSU. OPTIONS S OR T AND Q OR R PROVIDE MODEL Z BOARDS.

DESIG	SERVICE GROUP 0	SERVICE GROUP 1	CODE	ELEM IDENT	APP FIG. OPT.	OPTION
		MC5000A1B (TN892)	A	4	R	
		MC5000A1C (TN892)			Q	
DSUTDO	DSUTD1	MC5001A1 (TN130)			Z	
		MC50032A1 (TN133)	A	5	T	
		MC50032A1B (TN133)			S	
DSUCCO	DSUCC1	MC5002A1 (TN234)			Z, Y	
		TN841	A	6	Y	
TTFIO	TTFI1	TN302	A	7		
TTFGO	TTFG1	TN303	A	8		
TTFMO	TTFM1	TN304			V	
		TN304B	A	9	U	
TTFCPUO	TTFCPU1	MC50214A1 (TN305)	A	10		
DSURPTO	DSURPT1	MC50068A1 (TN893)	A	11		
DSU6PCCO	DSU6PCC1	MC50069A1 (TN1032)	A	12		

313. THE 495FB POWER CONVERTER SHOULD BE IN ALL 5ESS SYSTEMS NOT IN SYSTEM TEST BY 8-1-85 AND PORT ST. LUCIE.

314. THE LOWEST ACCEPTABLE GENERIC ISSUES FOR THE FOLLOWING BOARDS ARE:

TN892 5E1(2)1
TN841 5E1(2)2
TN133 5E1(2)2

315. IN OPTION Y, THE UCC USED IN THE TTF SERVICE GROUP SHOULD BE TN234. THE UCC USED IN THE OTHER SERVICE GROUP SHOULD BE TN841. IF NO TTF EXISTS TN841 CAN BE EQUIPPED IN BOTH SERVICE GROUPS.

316. HARDWARE MIXING ISSUES BETWEEN OPTION Y AND Z FOR UTD AND UTG AREAS AS FOLLOWS:

UTD: TN130 AND TN133 SHOULD NOT BE MIXED WITHIN A SERVICE GROUP. THEY CAN BE MIXED WITHIN A UNIT (DIFFERENT SERVICE GROUPS).

UTG: TN132 AND TN892 CAN BE MIXED IN A SERVICE GROUP, HOWEVER CURRENTLY THERE IS NO NEED TO HAVE MORE THAN ONE UTG PER SERVICE GROUP SO MIXING APPLIES TO UNIT LEVEL AND HIGHER.

317. TN234 AND TN841 SHOULD NEVER BE MIXED WITHIN A SERVICE GROUP.

318. TN304B PROVIDES APPROXIMATELY 40% FASTER ELECTRONIC LOOP SEGREGATION (ELS) SERVICE THAN THE TN304.

319. THE TN893 CAN ONLY BE EQUIPPED IN THE LOSU. IN ADDITION, NO ONE SERVICE GROUP SHOULD BE EQUIPPED WITH MORE THAN ONE BOARD THAT MAY BE PLACED IN ANY SLOT. IT WILL BE EQUIPPED AS NEEDED.

320. THE TN1032 CAN ONLY BE EQUIPPED IN THE GOSU. THE TN1032 CAN BE MIXED WITH THE TN234 OR THE TN841. IN ADDITION, NO ONE SERVICE GROUP SHOULD BE EQUIPPED WITH MORE THAN TWO TN1032'S. THE TN1032'S MAY BE PLACED IN ANY OF THE SERVICE CIRCUIT SLOTS.

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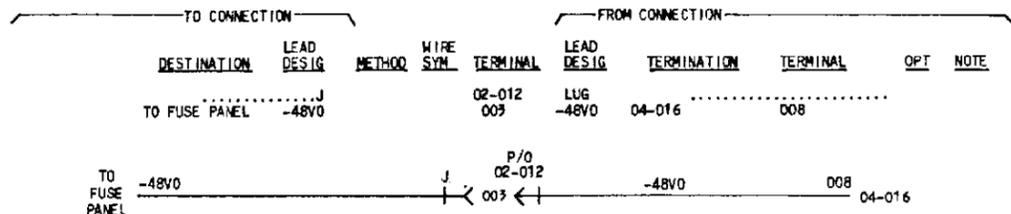
DIGITAL SERVICE UNIT		ENG SIZE	ISSUE
		65	8B
BELL LABORATORIES	SD-50035-01	02	

NOTES:

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

CAD 002

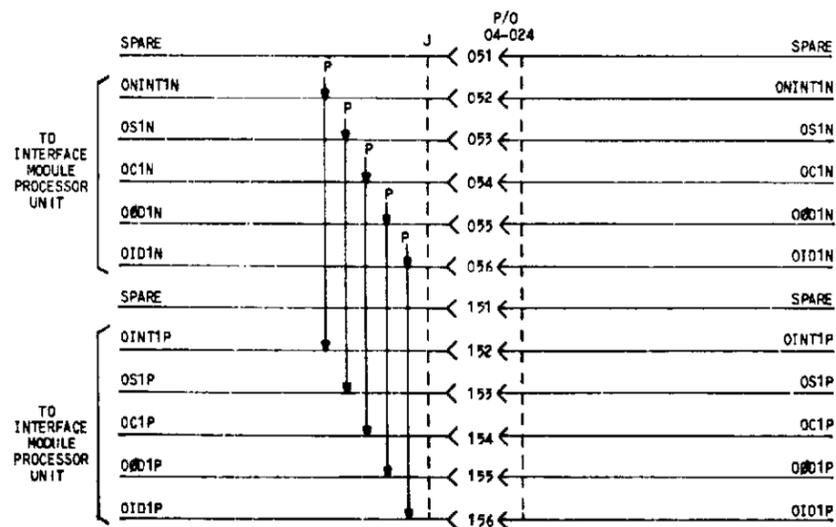
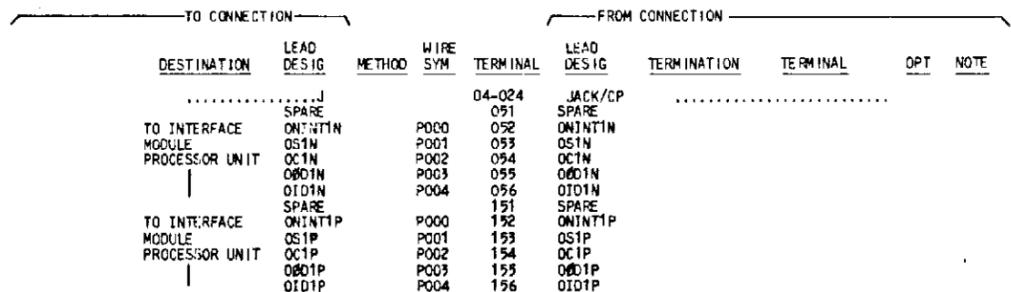
DOSU POWER



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

CAD 003

DOSU CONTROL



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DIGITAL SERVICE UNIT		DWG SIZE	ISSUE
		88	7AC
AT&T BELL LABORATORIES	SD-5D035-01	SHEET GB1	

CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER

A

DSU SIDE 0

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
-48RTNO	G	02-008-003	04-016-003	3/1	
-48VO	P	02-012-003	04-016-008	3/1	
OC0N	I	04-024-254	04-024-254	1/1	
OC0P	I	04-024-354	04-024-354	1/1	
OC1N	I	04-024-054	04-024-054	1/1	
OC1P	I	04-024-154	04-024-154	1/1	
O100N	O	04-024-256	04-024-256	1/1	
O100P	O	04-024-356	04-024-356	1/1	
O101N	O	04-024-056	04-024-056	1/1	
O101P	O	04-024-156	04-024-156	1/1	
ON10N	O	04-024-252	04-024-252	1/1	
ON10P	O	04-024-352	04-024-352	1/1	
ON101N	O	04-024-052	04-024-052	1/1	
ON101P	O	04-024-152	04-024-152	1/1	
O000N	I	04-024-255	04-024-255	1/1	
O000P	I	04-024-355	04-024-355	1/1	
O001N	I	04-024-055	04-024-055	1/1	
O001P	I	04-024-155	04-024-155	1/1	
OPB10N	O	04-024-303	04-024-303	1/1	
OPB10P	O	04-024-203	04-024-203	1/1	
OPB11N	O	04-024-103	04-024-103	1/1	
OPB11P	O	04-024-003	04-024-003	1/1	
OPB00N	I	04-024-302	04-024-302	1/1	
OPB00P	I	04-024-202	04-024-202	1/1	
OPB01N	I	04-024-102	04-024-102	1/1	
OPB01P	I	04-024-002	04-024-002	1/1	
O50N	I	04-024-253	04-024-253	1/1	
O50P	I	04-024-353	04-024-353	1/1	
O51N	I	04-024-053	04-024-053	1/1	
O51P	I	04-024-153	04-024-153	1/1	
O4M0N	I	04-024-305	04-024-305	1/1	
O4M0P	I	04-024-205	04-024-205	1/1	
O4M1N	I	04-024-105	04-024-105	1/1	
O4M1P	I	04-024-005	04-024-005	1/1	
O8K50N	I	04-024-304	04-024-304	1/1	
O8K50P	I	04-024-204	04-024-204	1/1	
O8K51N	I	04-024-104	04-024-104	1/1	
O8K51P	I	04-024-004	04-024-004	1/1	

ELEMENT IDENTIFIER (CONT)

B

DSU SIDE 1

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
1001P	I	04-114-155	04-114-155	4/1	
1PB10N	O	04-114-303	04-114-303	4/1	
1PB10P	O	04-114-203	04-114-203	4/1	
1PB11N	O	04-114-103	04-114-103	4/1	
1PB11P	O	04-114-003	04-114-003	4/1	
1PB00N	I	04-114-302	04-114-302	4/1	
1PB00P	I	04-114-202	04-114-202	4/1	
1PB01N	I	04-114-102	04-114-102	4/1	
1PB01P	I	04-114-002	04-114-002	4/1	
150N	I	04-114-253	04-114-253	4/1	
150P	I	04-114-353	04-114-353	4/1	
151N	I	04-114-053	04-114-053	4/1	
151P	I	04-114-153	04-114-153	4/1	
14M0N	I	04-114-305	04-114-305	4/1	
14M0P	I	04-114-205	04-114-205	4/1	
14M1N	I	04-114-105	04-114-105	4/1	
14M1P	I	04-114-005	04-114-005	4/1	
18K50N	I	04-114-304	04-114-304	4/1	
18K50P	I	04-114-204	04-114-204	4/1	
18K51N	I	04-114-104	04-114-104	4/1	
18K51P	I	04-114-004	04-114-004	4/1	

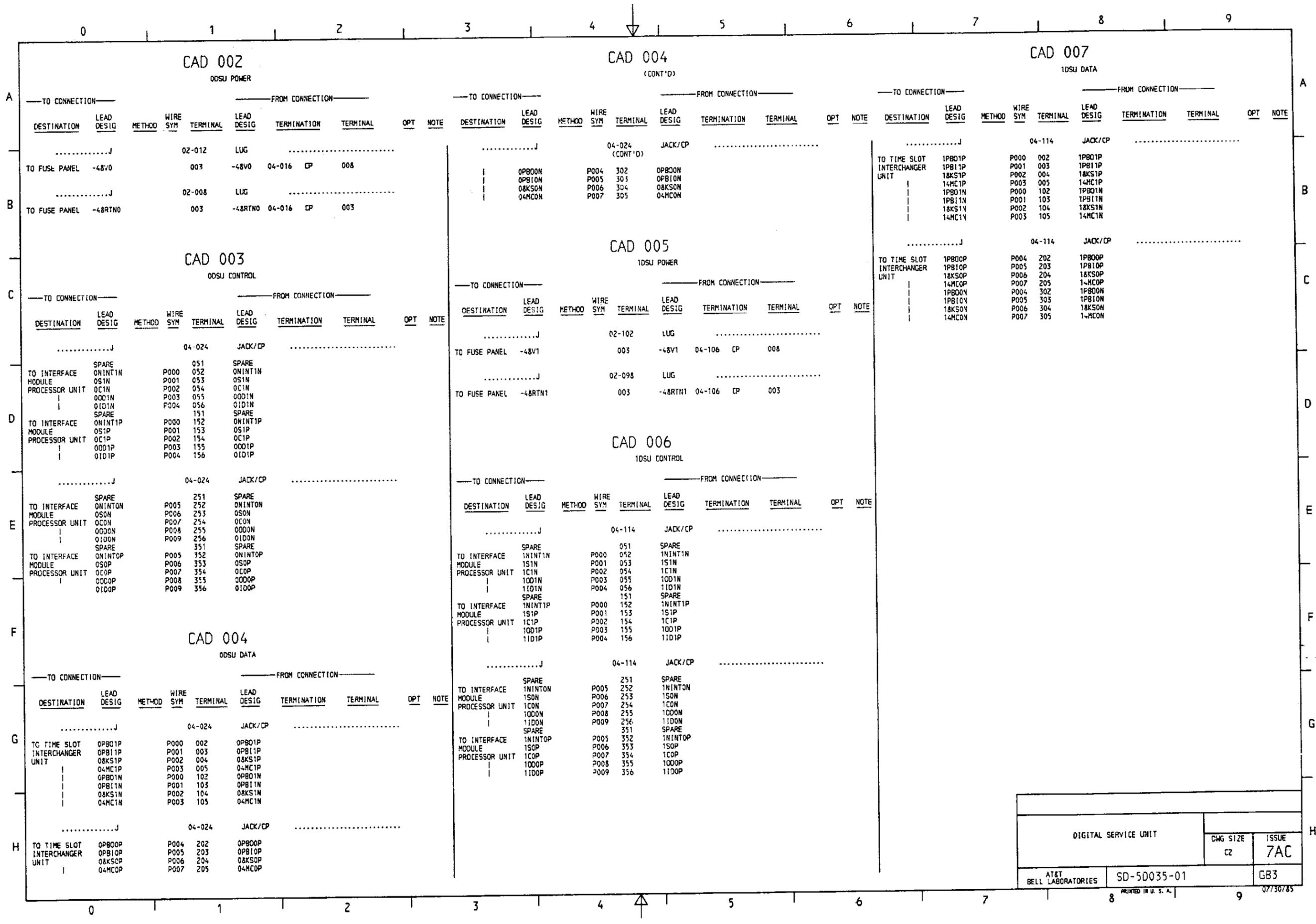
ELEMENT IDENTIFIER

B

DSU SIDE 1

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
-48RTN1	G	02-098-003	04-106-003	6/1	
-48V1	P	02-102-003	04-106-008	6/1	
1CON	I	04-114-254	04-114-254	4/1	
1COP	I	04-114-354	04-114-354	4/1	
1C1N	I	04-114-054	04-114-054	4/1	
1C1P	I	04-114-154	04-114-154	4/1	
1100N	O	04-114-256	04-114-256	4/1	
1100P	O	04-114-356	04-114-356	4/1	
1101N	O	04-114-056	04-114-056	4/1	
1101P	O	04-114-156	04-114-156	4/1	
1N10N	O	04-114-252	04-114-252	4/1	
1N10P	O	04-114-352	04-114-352	4/1	
1N101N	O	04-114-052	04-114-052	4/1	
1N101P	O	04-114-152	04-114-152	4/1	
1000N	I	04-114-255	04-114-255	4/1	
1000P	I	04-114-355	04-114-355	4/1	
1001N	I	04-114-055	04-114-055	4/1	

DIGITAL SERVICE UNIT		DWG SIZE	ISSUE
		2	7AC
AT&T BELL LABORATORIES	SD-5D035-01	GB2	



CAD 002

ODSU POWER

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				02-012	LUG				
TO FUSE PANEL	-48V0			003	-48V0	04-016	CP	008	
.....J				02-008	LUG				
TO FUSE PANEL	-48RTN0			003	-48RTN0	04-016	CP	003	

CAD 003

ODSU CONTROL

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				04-024	JACK/CP				
TO INTERFACE MODULE PROCESSOR UNIT	SPARE ONINTIN OS1N OC1N OOD1N O1D1N SPARE		P000 P001 P002 P003 P004	051 052 053 054 055 056	SPARE ONINTIN OS1N OC1N OOD1N O1D1N				
TO INTERFACE MODULE PROCESSOR UNIT	SPARE ONINTIP OS1P OC1P OOD1P O1D1P		P000 P001 P002 P003 P004	151 152 153 154 155 156	SPARE ONINTIP OS1P OC1P OOD1P O1D1P				
TO INTERFACE MODULE PROCESSOR UNIT	SPARE OSON OODON O1DON SPARE OSOP OCOP OODOP O1DOP		P005 P006 P007 P008 P009	251 252 253 254 255 256 351 352 353 354 355 356	SPARE OSON OODON O1DON SPARE OSOP OCOP OODOP O1DOP				

CAD 004

ODSU DATA

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				04-024	JACK/CP				
TO TIME SLOT INTERCHANGER UNIT	0P801P 0P811P 08KS1P 04MC1P 0P801N 0P811N 08KS1N 04MC1N		P000 P001 P002 P003	002 003 004 005	0P801P 0P811P 08KS1P 04MC1P				
TO TIME SLOT INTERCHANGER UNIT	0P800P 0P810P 08KS0P 04MC0P		P004 P005 P006 P007	202 203 204 205	0P800P 0P810P 08KS0P 04MC0P				

CAD 004

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				04-024 (CONT'D)	JACK/CP				
	0P800N 0P810N 08KS0N 04MC0N		P004 P005 P006 P007	302 303 304 305	0P800N 0P810N 08KS0N 04MC0N				

CAD 005

ODSU POWER

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				02-102	LUG				
TO FUSE PANEL	-48V1			003	-48V1	04-106	CP	008	
.....J				02-098	LUG				
TO FUSE PANEL	-48RTN1			003	-48RTN1	04-106	CP	003	

CAD 006

ODSU CONTROL

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				04-114	JACK/CP				
TO INTERFACE MODULE PROCESSOR UNIT	SPARE 1NINT1N 1S1N 1C1N 10D1N 11D1N SPARE		P000 P001 P002 P003 P004	051 052 053 054 055 056 151	SPARE 1NINT1N 1S1N 1C1N 10D1N 11D1N				
TO INTERFACE MODULE PROCESSOR UNIT	SPARE 1NINTIP 1S1P 1C1P 10D1P 11D1P		P000 P001 P002 P003 P004	152 153 154 155 156	SPARE 1NINTIP 1S1P 1C1P 10D1P 11D1P				
TO INTERFACE MODULE PROCESSOR UNIT	SPARE 1NINTON 1SON 1CON 10DON 11DON SPARE		P005 P006 P007 P008 P009	251 252 253 254 255 256 351	SPARE 1NINTON 1SON 1CON 10DON 11DON				
TO INTERFACE MODULE PROCESSOR UNIT	SPARE 1NINTOP 1SOP 1COP 10DOP 11DOP		P005 P006 P007 P008 P009	352 353 354 355 356	SPARE 1NINTOP 1SOP 1COP 10DOP 11DOP				

CAD 007

ODSU DATA

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				04-114	JACK/CP				
TO TIME SLOT INTERCHANGER UNIT	1P801P 1P811P 18KS1P 14MC1P 1P801N 1P811N 18KS1N 14MC1N		P000 P001 P002 P003	002 003 004 005	1P801P 1P811P 18KS1P 14MC1P				
TO TIME SLOT INTERCHANGER UNIT	1P800P 1P810P 18KS0P 14MC0P 1P800N 1P810N 18KS0N 14MC0N		P004 P005 P006 P007	202 203 204 205 302 303 304 305	1P800P 1P810P 18KS0P 14MC0P				

DIGITAL SERVICE UNIT		CHG SIZE	ISSUE
		CZ	7AC
AT&T BELL LABORATORIES	SD-50035-01	GB3	