51.25

SHEET INDEX

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	B1CE	2
	B1CF	1
	B1CG	1
	B1CH	1
	B1CJ	2
	B1CK	2
	B1CL	2
	B1CM	2
	B2AA	2
	B2AB	2
	B2AC	1
	B2AD	1
	B2AE	2
FS 2 DIGITAL FACILITY INTERFACE 1 SHELF	B2CA	1
	B2CB	2
	B2CC	2
	B2CD	2
	B2CE	2
	B2CF	1
	B2CG	1
	B2CH	1
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OPTION INDEX

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Z	2B	307, 308	1/3 - 1/7 1/11 - 1/15 2/3 - 2/7 2/11 - 2/15
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DWG ISSUE	CD ISSUE	DATE ISSUED	DRAWN	APPD
1	1	4-5-88		
2B	APPX 1B	8-19-91		

USED ON

FRAME SD	PROJECT	DSCU CONT
SD-50012-02	SWITCHING MODULE APPLICATION MODULE 6	IM

SUPPORTING INFORMATION

CATEGORY	NO.
EQUIPMENT DRAWING LINE TRUNK PERIPHERAL CABINET CPS-*	J50003F-1

* SCHEMATICS OF ALL CIRCUIT PACKS USED IN THIS CIRCUIT ARE SHOWN ON DRAWINGS NUMBERED WITH A CPS PREFIX FOLLOWED BY THE CODE OF THE PACK AS CPS-SN346.

GT13

ELECTRONIC SWITCHING SYSTEMS
5ESS SWITCHING EQUIPMENT

DIGITAL CARRIER LINE UNIT CIRCUIT

DWG SIZE	ISSUE
6S	2B

AT&T	SD-50202-02	SHEET A1 OF 96

DESIGNATION MNEMONICS INDEX

MNEMONIC	FS/SYM	DEFINITION
+12V(0,1)	1/9,2/9	12 VOLT SUPPLY, SERVICE GROUP (0,1) (not used)
+5V0	2/9	+5 VOLT OUT-OF-SERVICE LAMP
+5V04027	1/3	+5 VOLT OUTPUT, DFI 0 (not connected)
+5V04037	1/4	+5 VOLT OUTPUT, DFI 1 (not connected)
+5V04047	1/5	+5 VOLT OUTPUT, DFI 2 (not connected)
+5V04057	1/6	+5 VOLT OUTPUT, DFI 3 (not connected)
+5V04067	1/7	+5 VOLT OUTPUT, DFI 4 (not connected)
+5V04129	1/11	+5 VOLT OUTPUT, DFI 5 (not connected)
+5V04139	1/12	+5 VOLT OUTPUT, DFI 6 (not connected)
+5V04149	1/13	+5 VOLT OUTPUT, DFI 7 (not connected)
+5V04159	1/14	+5 VOLT OUTPUT, DFI 8 (not connected)
+5V04169	1/15	+5 VOLT OUTPUT, DFI 9 (not connected)
+5V1	1/9	+5 VOLT OUTPUT, POWER UNIT
+5V13027	2/3	+5 VOLT OUTPUT, DFI 15 (not connected)
+5V13037	2/4	+5 VOLT OUTPUT, DFI 16 (not connected)
+5V13047	2/5	+5 VOLT OUTPUT, DFI 17 (not connected)
+5V13057	2/6	+5 VOLT OUTPUT, DFI 18 (not connected)
+5V13067	2/7	+5 VOLT OUTPUT, DFI 19 (not connected)
+5V13129	2/11	+5 VOLT OUTPUT, DFI 20 (not connected)
+5V13139	2/12	+5 VOLT OUTPUT, DFI 21 (not connected)
+5V13149	2/13	+5 VOLT OUTPUT, DFI 22 (not connected)
+5V13159	2/14	+5 VOLT OUTPUT, DFI 23 (not connected)
+5V13169	2/15	+5 VOLT OUTPUT, DFI 24 (not connected)
-OOS(0,1)	1/8,2/8	OUT-OF-SERVICE LAMP, SHELF(0,1)
-48V(A,B)RTN	1/3,2/3	-48 VOLT DCLU POWER INPUT, POWER BUS(A,B)
-48V(A,B)	1/1,2/1	-48 VOLT INPUT, POWER BUS(A,B)
FRGRD(A,B)	1/8,2/8	FRAME GROUND BUS(A,B)
GRD04(027-169)	1/3-15	GROUND VERTICAL(HORIZONTAL) EQL
GRD13(027-169)	1/3, 2/3-15	GROUND VERTICAL(HORIZONTAL) EQL
GT1IR(00-09)	1/3-7, 11-15	SERVICE GROUP 0, T1 INPUT RING TO SDFI(00-09)

MNEMONIC	FS/SYM	DEFINITION
GT1IT(00-09)	1/3-7, 11-15	SERVICE GROUP 0, T1 INPUT TIP TO SDFI(00-09)
GT1ON(00-09)	1/3-7, 11-15	SERVICE GROUP 0, T1 OUTPUT NEGATIVE OF SDFI(00-09)
GT1OP(00-09)	1/3-7, 11-15	SERVICE GROUP 0, T1 OUTPUT POSITIVE OF SDFI(00-09) TO EQUALIZER
GT1OR(00-09)A	1/2	SERVICE GROUP 0, T1 OUTPUT RING OF EQUALIZER FOR SDFI(00-09)
GT1OT(00-09)A	1/2	SERVICE GROUP 0, T1 OUTPUT TIP OF EQUALIZER FOR SDFI(00-09)
(0,1)AADRPER	1,2/10	SERVICE GROUP (0,1) PIDB-A ADDRESS PARITY ERROR
(0,1)ARAMWRO	1,2/8	SERVICE GROUP (0,1) PIDB-A RAM WRITE
(0,1)ARMXCTP	1,2/8	SERVICE GROUP (0,1) PIDB-A RCV MUX CONTROL PARITY
(0,1)ARMXCT(0-5)	1,2/8	SERVICE GROUP (0,1) PIDB-A RCV MUX CONTROL(0-5)
(0,1)ASW	1,2/10	SERVICE GROUP (0,1) ALL SEEMS WELL
(0,1)AXMXCTP	1,2/8	SERVICE GROUP (0,1) PIDB-A XMT MUX CONTROL PARITY
(0,1)AXMXCT(0-5)	1,2/8	SERVICE GROUP (0,1) PIDB-A XMT MUX CONTROL BIT(0-5)
(0,1)AX(0,1)(A,B)	1,2/8	SERVICE GROUP (0,1) ADDRESS(LOW,HIGH) PIDB(A,B)
(0,1)BADRPER	1,2/10	SERVICE GROUP (0,1) PIDB-B ADDRESS PARITY ERROR
(0,1)BRAMWRO	1,2/8	SERVICE GROUP (0,1) PIDB-B RAM WRITE
(0,1)BRMXCTP	1,2/8	SERVICE GROUP (0,1) PIDB-B RCV MUX CONTROL PARITY
(0,1)BRMXCT(0-5)	1,2/8	SERVICE GROUP (0,1) PIDB-B RCV MUX CONTROL BIT(0-5)
(0,1)BXMXCTP	1,2/8	SERVICE GROUP (0,1) PIDB-B XMT MUX CONTROL PARITY
(0,1)BXMXCT(0-5)	1,2/8	SERVICE GROUP (0,1) PIDB-B XMT MUX CONTROL BIT(0-5)
(0,1)CLEAR(A,B)	1,2/8	SERVICE GROUP (0,1) CLEAR PIDB(A,B) ERRORS
(0,1)DATASHF	1,2/8	SERVICE GROUP (0,1) DATA SHIFT
(0,1)DESTAX	1,2/8	SERVICE GROUP (0,1) ADDRESS SELECT
(0,1)DESTRST	1,2/8	SERVICE GROUP (0,1) REGISTER RESET
(0,1)DFILP	1,2/10	SERVICE GROUP (0,1) PCM LOOP BACK
(0,1)PROG(1,2)	1,2/8	SERVICE GROUP (0,1) POWER UNIT CURRENT PROGRAM RESISTOR(1,2)
(0,1)PWRON	1,2/3	SERVICE GROUP (0,1) POWER ON
(0,1)P10BSEL	1,2/8	SERVICE GROUP (0,1) PIDB CLOCK SELECT
(0,1)RAMSYNC	1,2/10	SERVICE GROUP (0,1) RAM SYNC
(0,1)RDDATA	1,2/10	SERVICE GROUP (0,1) READ DATA

MNEMONIC	FS/SYM	DEFINITION
(0,1)RDPULSE	1,2/8	SERVICE GROUP (0,1) READ PULSE
(0,1)REF(00-09)	008	SERVICE GROUP (0,1) REFERENCE (not used)
(0,1)SPPW	1,2/9	SERVICE GROUP (0,1) POWER START OPTION STRAP
(0,1)START	1,2/1	SERVICE GROUP (0,1) POWER START
(0,1)SIDESEL	1,2/8	SERVICE GROUP (0,1) SESS SIDE SELECT
(0,1)WRDATA	1,2/8	SERVICE GROUP (0,1) WRITE DATA TO UN121
(0,1)WRPULSE	1,2/8	SERVICE GROUP (0,1) WRITE PULSE TO UN121
(0,1)XSYNC(00-09)	1,2/3-7, 11-15	SERVICE GROUP (0,1) TP SYNC SDFI(00-09)
(0,1)0AC(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 0 PIDB-A CLOCK (NEG,POS)
(0,1)0AID(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 0 PIDB-A INTO SESS DATA (NEG,POS)
(0,1)0ANINT(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 0 PIDB-A INTERRUPT (NEG,POS)
(0,1)0AOD(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 0 PIDB-A FROM SESS DATA (NEG,POS)
(0,1)0APBI(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 0 PIDB-A TO SESS DATA (NEG,POS)
(0,1)0APBO(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 0 PIDB-A FROM SESS DATA (NEG,POS)
(0,1)0AS(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 0 PIDB-A SELECT NEG (ground)
(0,1)0A4MC(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 0 PIDB-A 4MHz CLOCK (NEG,POS)
(0,1)0A8KS(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 0 PIDB-A 8KHz SYNC (NEG,POS)
(0,1)0BC(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 0 PIDB-B CLOCK (NEG,POS)
(0,1)0BID(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 0 PIDB-B TO SESS DATA (NEG,POS)
(0,1)0BNINT(N,P)	1,2/8	SERVICE GROUP (0,1) PIDB-B INTERRUPT (NEG,POS)
(0,1)0BOD(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 0 PIDB-B FROM SESS DATA (NEG,POS)
(0,1)0BPBI(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 0 PIDB-B TO SESS DATA (NEG,POS)
(0,1)0BPBO(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 0 PIDB-B FROM SESS DATA (NEG,POS)
(0,1)0BS(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 0 PIDB-B SELECT (NEG,POS)
(0,1)0B4MC(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 0 PIDB-B 4MHz CLOCK (NEG,POS)
(0,1)0B8KS(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 0 PIDB-B 8KHz SYNC (NEG,POS)
(0,1)0CP(00-14)	1,2/8	SERVICE GROUP (0,1) SIDE 0 FROM BURST CLOCK SDFI(00-14)

MNEMONIC	FS/SYM	DEFINITION
(0,1)1DP(00-14)	1,2/3-8, 11-15	SERVICE GROUP (0,1) GROUP 0 CONTROL DATA IN SDFI(00-14)
(0,1)1NITP(00-14)	1,2/3-8, 11-15	SERVICE GROUP (0,1) GROUP 0 INTERRUPT SDFI(00-14)
(0,1)1ODP(00-14)	1,2/8	SERVICE GROUP (0,1) GROUP 0 CONTROL DATA OUT SDFI(00-14)
(0,1)1PBIN(00-14)	1,2/3-7, 10-15	SERVICE GROUP (0,1) GROUP 0 RECEIVE DATA SDFI(00-14)
(0,1)1PBON(00-14)	1,2/10	SERVICE GROUP (0,1) GROUP 0 XMIT DATA SDFI(00-14)
(0,1)1SP(00-14)	1,2/8	SERVICE GROUP (0,1) GROUP 0 SELECT CONTROL SDFI(00-14)
(0,1)14MCN(00-14)	1,2/10	SERVICE GROUP (0,1) GROUP 0 4MHz CLOCK SDFI(00-14)
(0,1)18KSN(00-14)	1,2/10	SERVICE GROUP (0,1) GROUP 0 8KHz SYNC SDFI(00-14)
(0,1)1AC(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 1 PIDB-A CLOCK (NEG,POS)
(0,1)1AID(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 1 PIDB-A INTO SESS DATA (NEG,POS)
(0,1)1ANINTN,P)	1,2/8	SERVICE GROUP (0,1) SIDE 1 PIDB-A INTERRUPT (NEG,POS)
(0,1)1AOD(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 1 PIDB-A FROM SESS DATA (NEG,POS)
(0,1)1APBI(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 1 PIDB-A TO SESS DATA (NEG,POS)
(0,1)1APBO(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 1 PIDB-A FROM SESS DATA (NEG,POS)
(0,1)1AS(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 1 PIDB-A SELECT (NEG,POS)
(0,1)1A4MC(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 1 PIDB-A 4MHz CLOCK (NEG,POS)
(0,1)1A8KS(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 1 PIDB-A 8KHz SYNC (NEG,POS)
(0,1)1BC(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 1 PIDB-B CLOCK (NEG,POS)
(0,1)1BID(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 1 PIDB-B TO SESS DATA (NEG,POS)
(0,1)1BNINT(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 1 PIDB-B INTERRUPT (NEG,POS)
(0,1)1BOD(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 1 PIDB-B FROM SESS DATA (NEG,POS)
(0,1)1BPBI(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 1 PIDB-B TO SESS DATA (NEG,POS)

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
D2	1

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DESIGNATION MNEMONICS INDEX

MNEMONIC	ESS/SYM	DEFINITION
(0,1)1BPBO(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 1 PIDB-B FROM 5ESS DATA (NEG,POS)
(0,1)1BS(N,P)	1,2/8	SERVICE GROUP (0,1) SIDE 1 PIDB-B SELECT (NEG,POS)
(0,1)1B4MC(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 1 PIDB-B 4MHz CLOCK (NEG,POS)
(0,1)1B8KS(N,P)	1,2/10	SERVICE GROUP (0,1) SIDE 1 PIDB-B 8KHz SYNC (NEG,POS)
(0,1)1CP(16-30)	1,2/8	SERVICE GROUP (0,1) GROUP 1 FROM BURST CLOCK SDFI(00-09,15-24)
(0,1)1IDP(16-30)	1,2/8, 1,2/3-7, 1,2/11-15	SERVICE GROUP (0,1) GROUP 1 CONTROL DATA OUT SDFI(00-09, 15-24)
(0,1)1NITP(16-30)	1,2/8, 1,2/3-7, 1,2/11-15	SERVICE GROUP (0,1) GROUP 0 INTERRUPT SDFI(00-09, 15-24)
(0,1)1NT(A,B)	1,2/10	SERVICE GROUP (0,1) GROUP 0 ERROR INTERRUPT PIDB(A,B)
(0,1)1ODP(16-30)	1,2/8	SERVICE GROUP (0,1) GROUP 1 CONTROL DATA OUT SDFI(00-09,15-24)
(0,1)1PBIN(16-30)	1,2/10, 1,2/3-7 1,2/11-15	SERVICE GROUP (0,1) GROUP 0 RECEIVE DATA SDFI(00-09,15-24)
(0,1)1PBON(16-30)	1,2/10	SERVICE GROUP (0,1) GROUP 1 XMIT DATA SDFI(00-09,15-24)
(0,1)1SP(16-30)	1,2/8	SERVICE GROUP (0,1) GROUP 1 SELECT CONTROL SDFI(00-09,15-24)
(0,1)14MCN(16-30)	1,2/10	SERVICE GROUP (0,1) GROUP 1 4MHz CLOCK SDFI(00-09 15-24)
(0,1)18KSN(16-30)	1,2/10	SERVICE GROUP (0,1) GROUP 1 8KHz SYNC SDFI(00-09,15-24)
(0,1)256CK1	1,2/10	SERVICE GROUP (0,1) 256 KHz CLOCK
(0,1)4MCLK	1,2/10	SERVICE GROUP (0,1) 4MHz CLOCK
1T1IR(15-24)	2/3-7, 11-15	SERVICE GROUP 1 T1 INPUT RING TO SDFI(15-24)
1T1IT(15-24)	2/3-7, 11-15	SERVICE GORUP 1 T1 INPUT TIP TO SDFI(15-24)
1T1ON(15-24)	2/3-7, 11-15	SERVICE GROUP 1 T1 OUTPUT NEGATIVE OF SDFI(15-24)
1T1OP(15-24)	2/3-7, 11-15	SERVICE GROUP 1 T1 OUTPUT POSITIVE OF SDFI(15-24)
1T1OR(15-24)	2/2	SERVICE GROUP 1 T1 OUTPUT RING OF EQAULIZER FOR SDFI(15-24)
1T1OT(15-24)	2/2	SERVICE GROUP 1 T1 OUTPUT TIP OF EQUALIZER FOR SDFI(15-24)

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
D2	1

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APPARATUS INDEX

EQUIP LOC	APP NO.	FIGURE SH NO.
CIRCUIT PACKS		
04-010	2	
04-018	3	
04-018	4	
04-018	5	
04-018	6	
04-018	7	
04-027	6	
04-037	8	
04-047	8	
04-057	8	
04-067	8	
04-088	2	
04-098	2	
04-108	2	
04-129	8	
04-139	8	
04-149	8	
04-159	8	
04-169	8	
13-010	2	
13-018	5	
13-018	6	
13-018	4	
13-018	7	
13-018	3	
13-027	8	
13-037	8	
13-047	8	
13-057	8	
13-067	8	
13-088	2	
13-098	2	
13-108	2	
13-129	6	
13-139	8	
13-149	8	
13-159	8	
13-169	8	

DESIG	APP NO.	FIGURE SH NO.
DESIG		
0CMUX	2	
0DMUX	2	
0PU	2	
0PWRSTRT	2	
0T1CEQU	3	
0T1CEQU	4	
0T1CEQU	5	
0T1CEQU	7	
1CMUX	2	
1DMUX	2	
1PU	2	
1PWRSTRT	2	
1T1CEQU	4	
1T1CEQU	5	
1T1CEQU	6	
1T1CEQU	3	
1T1CEQU	7	
1T1CEQU	6	
SDFI00	8	
SDFI01	8	
SDFI02	8	
SDFI03	8	
SDFI04	8	

DESIG	APP NO.	FIG. SH NO.
CIRCUIT PACKS(CONT)		
SDFI05	8	
SDFI06	8	
SDFI07	8	
SDFI08	8	
SDFI09	8	
SDFI15	8	
SDFI16	8	
SDFI17	8	
SDFI18	8	
SDFI19	8	
SDFI20	8	
SDFI21	8	
SDFI22	8	
SDFI23	8	
SDFI24	8	

LEAD INDEX

DESIG	LOCATION FS/SYM	APPFIG	ECPT
CIRCUIT PACK-CP			
0CMUX	1/8	2	04-088
0DMUX	1/10	2	04-108
0PWRSTRT	1/1	2	04-010
0T1CEQU	1/2	3	04-018
0T1CEQU	1/2	4	04-018
0T1CEQU	1/2	5	04-018
0T1CEQU	1/2	7	04-018
1CMUX	2/8	2	13-088
1DMUX	2/10	2	13-108
1PWRSTRT	2/1	2	13-010
1T1CEQU	2/2	3	13-018
1T1CEQU	2/2	5	13-018
1T1CEQU	2/2	6	13-018
1T1CEQU	2/2	4	13-018
1T1CEQU	2/2	7	13-018
0T1CEQU	1/2	6	04-018
SDFI00	1/3	8	04-027
SDFI01	1/4	8	04-037
SDFI02	1/5	8	04-047
SDFI03	1/6	8	04-057
SDFI04	1/7	8	04-067
SDFI05	1/11	8	04-129
SDFI06	1/12	8	04-139
SDFI07	1/13	8	04-149
SDFI08	1/14	8	04-159
SDFI09	1/15	8	04-169
SDFI15	2/3	8	13-027
SDFI16	2/4	8	13-037
SDFI17	2/5	8	13-047
SDFI18	2/6	8	13-057
SDFI19	2/7	8	13-067
SDFI20	2/11	8	13-129
SDFI21	2/12	8	13-139
SDFI22	2/13	8	13-149
SDFI23	2/14	8	13-159
SDFI24	2/15	8	13-169
CONVERTER			
0FU	1/9	2	04-098
1FU	2/9	2	13-098

DESIG	LOCATION FS/SYM	CAD
CONN CKT		
+48VA	1/1	005
+48VARTN	1/1	005
+48VB	2/1	005
+48VBRTN	2/1	005
00A4MCN	1/10	002
00A4MCP	1/10	002
00A8KSN	1/10	002
00A8KSP	1/10	002
00ACN	1/8	003
00ACP	1/8	003
00AION	1/8	003
00AIOP	1/8	003
00ANINTN	1/8	003
00ANINTP	1/8	003
00AODN	1/8	003
00AODP	1/8	003
00APBIN	1/10	002
00APBIP	1/10	002
00APBON	1/10	002
00APBOP	1/10	002
00ASN	1/8	003
00ASP	1/8	003
00B4MCN	1/10	002
00B4MCP	1/10	002
00B8KSN	1/10	002
00B8KSP	1/10	002
00BEN	1/8	003
00BCP	1/8	003
00BION	1/8	003
00BIOP	1/8	003
00BNINTN	1/8	003
00BNINTP	1/8	003
00BODN	1/8	003
00BODP	1/8	003
00BPBIN	1/10	002
00BPBIP	1/10	002
00BPBON	1/10	002
00BPBOP	1/10	002
00BSN	1/8	003
00BSP	1/8	003
01A4MCN	1/10	002
01A4MCP	1/10	002
01A8KSN	1/10	002
01A8KSP	1/10	002
01ACN	1/8	003
01ACP	1/8	003
01AION	1/8	003
01AIOP	1/8	003
01ANINTN	1/8	003
01ANINTP	1/8	003
01AODN	1/8	003
01AODP	1/8	003
01APBIN	1/10	002
01APBIP	1/10	002
01APBON	1/10	002
01APBOP	1/10	002
01ASN	1/8	003
01ASP	1/8	003
01B4MCN	1/10	002
01B4MCP	1/10	002
01B8KSN	1/10	002
01B8KSP	1/10	002
01BCN	1/8	003
01BCP	1/8	003
01BION	1/8	003

DESIG	LOCATION FS/SYM	CAD
CONN CKT (CONT)		
01BIOP	1/8	003
01BNINTN	1/8	003
01BNINTP	1/8	003
01BODN	1/8	003
01BODP	1/8	003
01BPBIN	1/10	002
01BPBIP	1/10	002
01BPBON	1/10	002
01BPBOP	1/10	002
01BSN	1/8	003
01BSP	1/8	003
10A4MCN	2/10	002
10A4MCP	2/10	002
10A8KSN	2/10	002
10A8KSP	2/10	002
10ACN	2/8	003
10ACP	2/8	003
10AION	2/8	003
10AIOP	2/8	003
10ANINTN	2/8	003
10ANINTP	2/8	003
10AODN	2/8	003
10AODP	2/8	003
10APBIN	2/10	002
10APBIP	2/10	002
10APBON	2/10	002
10APBOP	2/10	002
10ASN	2/8	003
10ASP	2/8	003
10B4MCN	2/10	002
10B4MCP	2/10	002
10B8KSN	2/10	002
10B8KSP	2/10	002
10BCN	2/8	003
10BCP	2/8	003
10BION	2/8	003
10BIOP	2/8	003
10BNINTN	2/8	003
10BNINTP	2/8	003
10BODN	2/8	003
10BODP	2/8	003
10BPBIN	2/10	002
10BPBIP	2/10	002
10BPBON	2/10	002
10BPBOP	2/10	002
10BSN	2/8	003
10BSP	2/8	003
11A4MCN	2/10	002
11A4MCP	2/10	002
11A8KSN	2/10	002
11A8KSP	2/10	002
11ACN	2/8	003
11ACP	2/8	003
11AION	2/8	003
11AIOP	2/8	003
11ANINTN	2/8	003
11ANINTP	2/8	003
11AODN	2/8	003
11AODP	2/8	003
11APBIN	2/10	002
11APBIP	2/10	002
11APBON	2/10	002
11APBOP	2/10	002
11ASN	2/8	003
11ASP	2/8	003

DESIG	LOCATION FS/SYM	CAD
CONN CKT (CONT)		
11B4MCN	2/10	002
11B4MCP	2/10	002
11B8KSN	2/10	002
11B8KSP	2/10	002
11BCN	2/8	003
11BCP	2/8	003
11BION	2/8	003
11BIOP	2/8	003
11BNINTN	2/8	003
11BNINTP	2/8	003
11BODN	2/8	003
11BODP	2/8	003
11BPBIN	2/10	002
11BPBIP	2/10	002
11BPBON	2/10	002
11BPBOP	2/10	002
11BSN	2/8	003
11BSP	2/8	003
FRGROA	1/8	005
FRGROB	2/8	005
DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT		
00CP10	1/8	006
00CP11	1/8	006
00CP12	1/8	006
00CP13	1/8	006
00CP14	1/8	006
00IDP10	1/8	006
00IDP11	1/8	006
00IDP12	1/8	006
00IDP13	1/8	006
00IDP14	1/8	006
00NITP10	1/8	006
00NITP11	1/8	006
00NITP12	1/8	006
00NITP13	1/8	006
00NITP14	1/8	006
00ODP10	1/8	006
00ODP11	1/8	006
00ODP12	1/8	006
00ODP13	1/8	006
00ODP14	1/8	006
00PBIN10	1/10	007
00PBIN11	1/10	007
00PBIN12	1/10	007
00PBIN13	1/10	007
00PBIN14	1/10	007
00PBON10	1/10	007
00PBON11	1/10	007
00PBON12	1/10	007
00PBON13	1/10	007
00PBON14	1/10	007
00SP10	1/8	006
00SP11	1/8	006

DESIG	LOCATION FS/SYM	CAD
DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT (CONT)		
00SP12	1/8	006
00SP13	1/8	006
00SP14	1/8	006
01CP26	1/8	006
01CP27	1/8	006
01CP28	1/8	006
01CP29	1/8	006
01CP30	1/8	006
01IDP26	1/8	006
01IDP27	1/8	006
01IDP28	1/8	006
01IDP29	1/8	006
01IDP30	1/8	006
01NITP26	1/8	006
01NITP27	1/8	006
01NITP28	1/8	006
01NITP29	1/8	006
01NITP30	1/8	006
01ODP26	1/8	006
01ODP27	1/8	006
01ODP28	1/8	006
01ODP29	1/8	006
01ODP30	1/8	006
01PBIN26	1/10	007
01PBIN27	1/10	007
01PBIN28	1/10	007
01PBIN29	1/10	007
01PBIN30	1/10	007
01PBON26	1/10	007
01PBON27	1/10	007
01PBON28	1/10	007
01PBON29	1/10	007
01PBON30	1/10	007
01SP26	1/8	006
01SP27	1/8	006
01SP28	1/8	006
01SP29	1/8	006
01SP30	1/8	006
10CP10	2/8	006
10CP11	2/8	006
10CP12	2/8	006
10CP13	2/8	006
10CP14	2/8	006
10IDP10	2/8	006
10IDP11	2/8	006
10IDP12	2/8	006
10IDP13	2/8	006
10IDP14	2/8	006
10NITP10	2/8	006
10NITP11	2/8	006
10NITP12	2/8	006
10NITP13	2/8	006
10NITP14	2/8	006
10ODP10	2/8	006
10ODP11	2/8	006

DIGITAL CARRIER LINE UNIT

DWG SIZE: C2 | ISSUE: 1

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LEAD INDEX (CONT)

DESIG	LOCATION FS/SYM	CAD
DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT (CONT)		
10ODP12	2/8	006
10ODP13	2/8	006
10ODP14	2/8	006
10PBIN10	2/10	007
10PBIN11	2/10	007
10PBIN12	2/10	007
10PBIN13	2/10	007
10PBIN14	2/10	007
10PBON10	2/10	007
10PBON11	2/10	007
10PBON12	2/10	007
10PBON13	2/10	007
10PBON14	2/10	007
10SP10	2/8	006
10SP11	2/8	006
10SP12	2/8	006
10SP13	2/8	006
10SP14	2/8	006
11CP26	2/8	006
11CP27	2/8	006
11CP28	2/8	006
11CP29	2/8	006
11CP30	2/8	006
11IDP26	2/8	006
11IDP27	2/8	006
11IDP28	2/8	006
11IDP29	2/8	006
11IDP30	2/8	006
11NITP26	2/8	006
11NITP27	2/8	006
11NITP28	2/8	006
11NITP29	2/8	006
11NITP30	2/8	006
11ODP26	2/8	006
11ODP27	2/8	006
11ODP28	2/8	006
11ODP29	2/8	006
11ODP30	2/8	006
11PBIN26	2/10	007
11PBIN27	2/10	007
11PBIN28	2/10	007
11PBIN29	2/10	007
11PBIN30	2/10	007
11PBON26	2/10	007
11PBON27	2/10	007
11PBON28	2/10	007
11PBON29	2/10	007
11PBON30	2/10	007
11SP26	2/8	006
11SP27	2/8	006
11SP28	2/8	006
11SP29	2/8	006
11SP30	2/8	006
004MCN10	1/10	007
004MCN11	1/10	007
004MCN12	1/10	007
004MCN13	1/10	007
004MCN14	1/10	007
008KSN10	1/10	007
008KSN11	1/10	007
008KSN12	1/10	007
008KSN13	1/10	007
008KSN14	1/10	007
014MCN26	1/10	007

DESIG	LOCATION FS/SYM	CAD
DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT (CONT)		
014MCN27	1/10	007
014MCN28	1/10	007
014MCN29	1/10	007
014MCN30	1/10	007
018KSN26	1/10	007
018KSN27	1/10	007
018KSN28	1/10	007
018KSN29	1/10	007
018KSN30	1/10	007
104MCN10	2/10	007
104MCN11	2/10	007
104MCN12	2/10	007
104MCN13	2/10	007
104MCN14	2/10	007
108KSN10	2/10	007
108KSN11	2/10	007
108KSN12	2/10	007
108KSN13	2/10	007
108KSN14	2/10	007
114MCN26	2/10	007
114MCN27	2/10	007
114MCN28	2/10	007
114MCN29	2/10	007
114MCN30	2/10	007
118KSN26	2/10	007
118KSN27	2/10	007
118KSN28	2/10	007
118KSN29	2/10	007
118KSN30	2/10	007
GRD04088	2/3	006
GRD04088	2/4	006
GRD04088	2/5	006
GRD04088	2/6	006
GRD04088	2/7	006
GRD04088	1/8	006
GRD04088	2/11	006
GRD04088	2/12	006
GRD04088	2/13	006
GRD04088	2/14	006
GRD04088	2/15	006
GRD04108	2/8	006
GRD04108	2/11	006
GRD04108	2/5	006
GRD04108	2/12	006
GRD04108	2/3	006
GRD04108	2/13	006
GRD04108	2/4	006
GRD04108	2/14	006
GRD04108	2/7	006
GRD04108	2/15	006
GRD04108	1/10	006
GRD13088	1/3	006
GRD13088	1/11	006
GRD13088	1/12	006
GRD13088	1/13	006
GRD13088	1/6	006
GRD13088	1/7	006
GRD13088	1/15	006
GRD13088	1/14	006
GRD13088	2/8	006
GRD13088	1/4	006
GRD13088	1/5	006
GRD13108	1/11	006
GRD13108	1/15	006

DESIG	LOCATION FS/SYM	CAD
DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT (CONT)		
GRD13108	2/10	006
GRD13108	1/13	006
GRD13108	1/14	006
GRD13108	1/8	006
GRD13108	1/3	006
GRD13108	1/12	006
GRD13108	1/4	006
GRD13108	1/7	006
GRD13108	1/5	006
DSX-1 CROSS CONNECT		
0T11R00	1/1	
0T11R01	1/1	
0T11R02	1/1	
0T11R03	1/1	
0T11R04	1/1	
0T11R05	1/1	
0T11R06	1/1	
0T11R07	1/1	
0T11R08	1/1	
0T11R09	1/1	
0T11T00	1/1	
0T11T01	1/1	
0T11T02	1/1	
0T11T03	1/1	
0T11T04	1/1	
0T11T05	1/1	
0T11T06	1/1	
0T11T07	1/1	
0T11T08	1/1	
0T11T09	1/1	
0T10R00A	1/2	004
0T10R01A	1/2	004
0T10R02A	1/2	004
0T10R03A	1/2	004
0T10R04A	1/2	004
0T10R05A	1/2	004
0T10R06A	1/2	004
0T10R07A	1/2	004
0T10R08A	1/2	004
0T10R09A	1/2	004
0T10T00A	1/2	004
0T10T01A	1/2	004
0T10T02A	1/2	004
0T10T03A	1/2	004
0T10T04A	1/2	004
0T10T05A	1/2	004
0T10T06A	1/2	004
0T10T07A	1/2	004
0T10T08A	1/2	004
0T10T09A	1/2	004
1T1IR15	2/1	
1T1IR16	2/1	
1T1IR17	2/1	
1T1IR18	2/1	
1T1IR19	2/1	
1T1IR20	2/1	
1T1IR21	2/1	
1T1IR22	2/1	
1T1IR23	2/1	
1T1IR24	2/1	
1T1IT15	2/1	
1T1IT16	2/1	

DESIG	LOCATION FS/SYM	CAD
DSX-1 CROSS CONNECT (CONT)		
1T1IT17	2/1	
1T1IT18	2/1	
1T1IT19	2/1	
1T1IT20	2/1	
1T1IT21	2/1	
1T1IT22	2/1	
1T1IT23	2/1	
1T1IT24	2/1	
1T1OR15A	2/2	004
1T1OR16A	2/2	004
1T1OR17A	2/2	004
1T1OR18A	2/2	004
1T1OR19A	2/2	004
1T1OR20A	2/2	004
1T1OR21A	2/2	004
1T1OR22A	2/2	004
1T1OR23A	2/2	004
1T1OR24A	2/2	004
1T1OT15A	2/2	004
1T1OT16A	2/2	004
1T1OT17A	2/2	004
1T1OT18A	2/2	004
1T1OT19A	2/2	004
1T1OT20A	2/2	004
1T1OT21A	2/2	004
1T1OT22A	2/2	004
1T1OT23A	2/2	004
1T1OT24A	2/2	004
GRD04027	1/1	
GRD04027	1/1	
GRD04027	1/2	
GRD04027	1/2	
GRD04027	1/2	
GRD04027	1/2	
GRD04027	1/2	
GRD04027	1/2	
GRD04027	1/1	
GRD04027	1/1	
GRD04027	1/1	
GRD04027	1/1	
GRD13027	2/2	
GRD13027	2/2	
GRD13027	2/2	
GRD13027	2/2	
GRD13027	2/2	
GRD13027	2/2	
GRD13027	2/1	
GRD13027	2/1	
GRD13027	2/1	
GRD13027	2/1	
GRD13027	2/1	

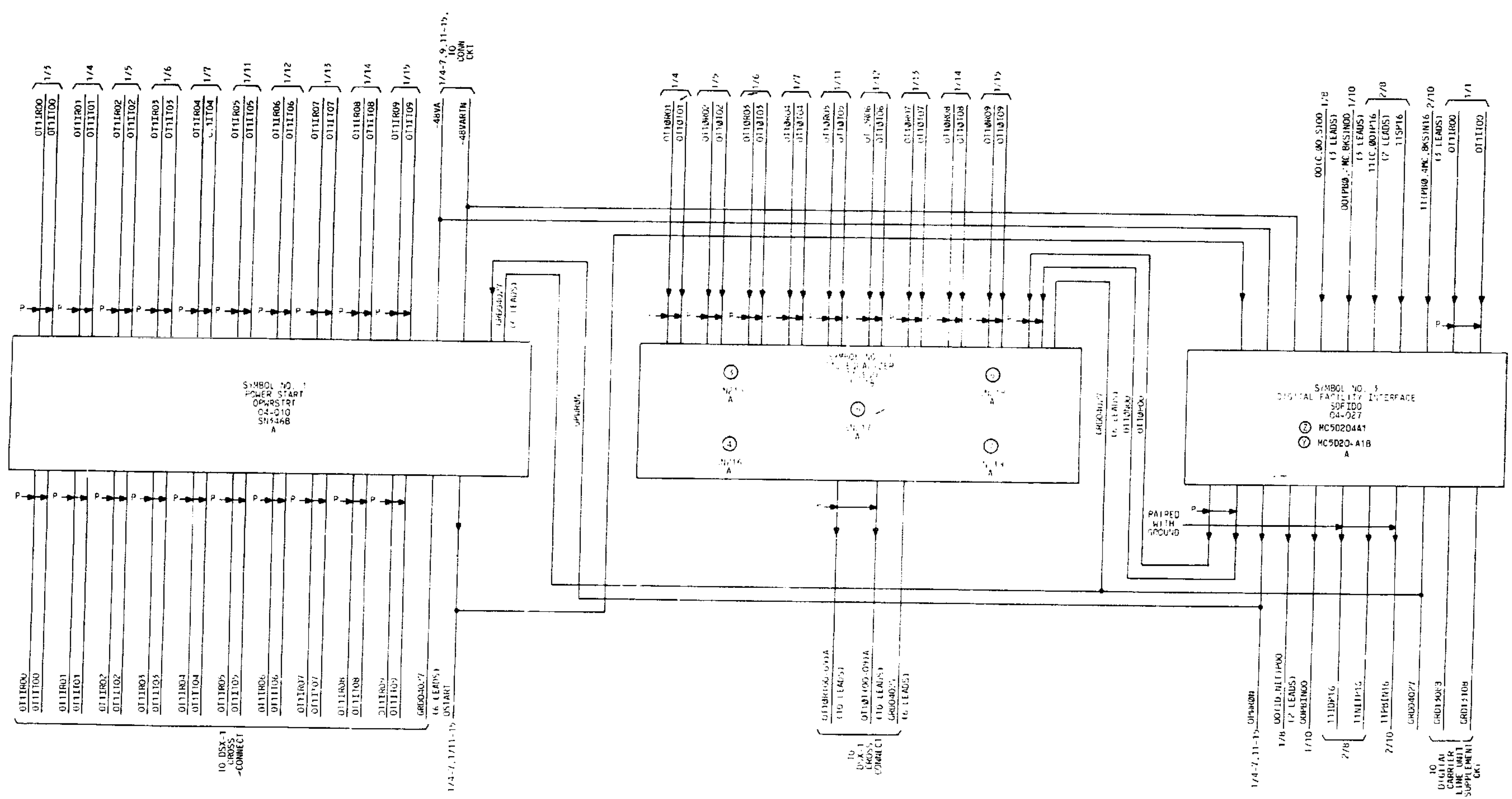
DIGITAL CARRIER LINE UNIT

DWG SIZE: D2 | ISSUE: 1

AT&T | SD-5D202-07 | A5

PART OF FS 1

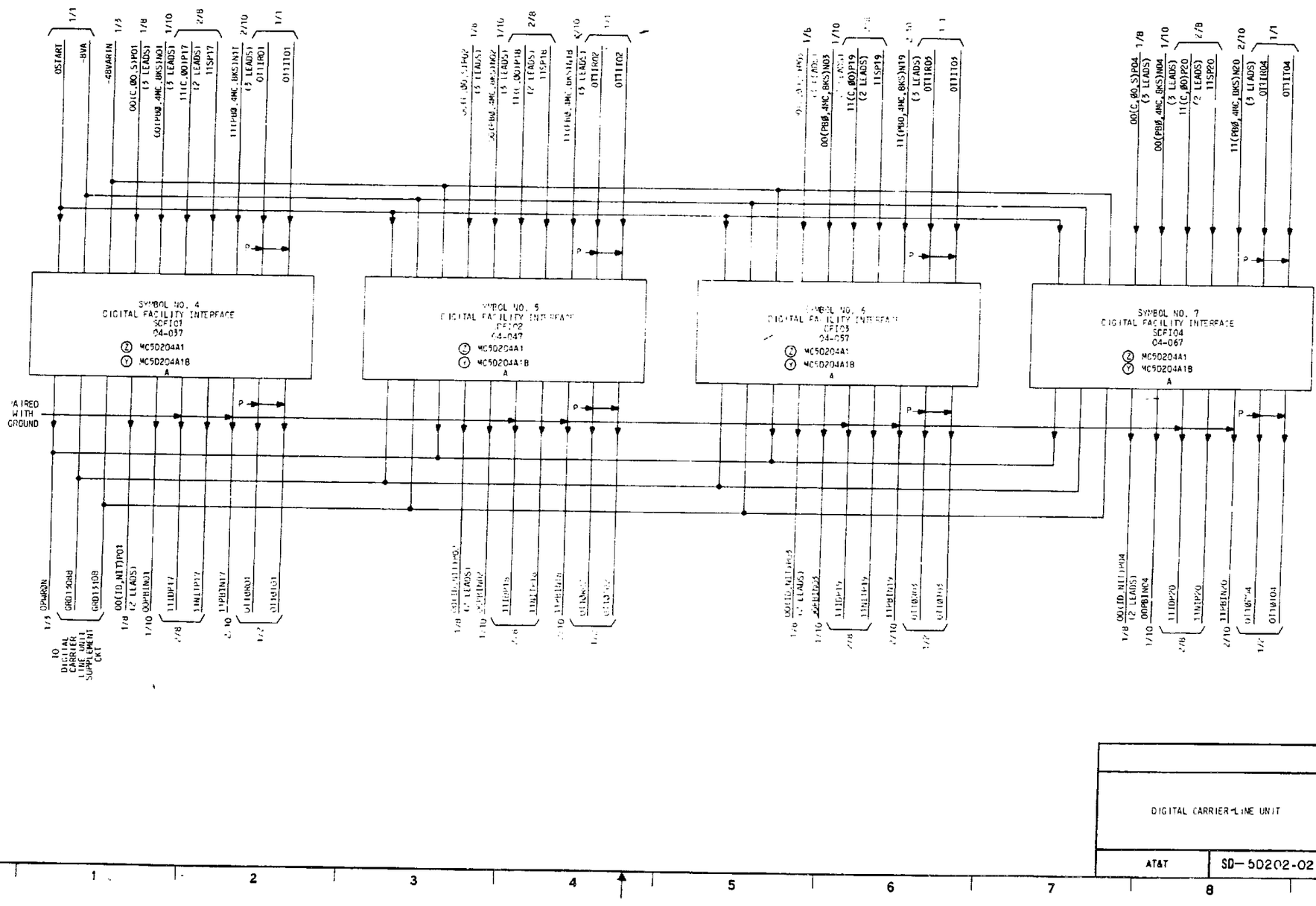
DIGITAL FACILITY INTERFACE, D SHELF
(P/O INTERCONNECTION & FLOW DIAGRAM)
(SEE NOTE 305)



DIGITAL CARRIER LINE UNIT	DWG SIZE 8S	ISSUE 2B
AT&T	SD-5D202-02	SHEET B1AA

PART OF FS I

DIGITAL FACILITY INTERFACE, O SHELF
(P/O INTERCONNECTION & FLOW DIAGRAM)



DIGITAL CARRIER LINE UNIT		DWG SIZE	ISSUE
		B3	
AT&T	SD-5D202-02		SHEET 81AB

PART OF FS I

DIGITAL FACILITY INTERFACE, O SHELF
(P/O INTERCONNECTION & FLOW DIAGRAM)

SYMBOL NO. 8
CONTROL MUX
OCMUX
04-068
UN120
A

PAIRED WITH GROUND

DIGITAL CARRIER LINE UNIT		DWG SIZE: 8S	ISSUE: 1
AT&T	SD-5D202-02		SHEET: B1AC

PART OF FS I

DIGITAL FACILITY INTERFACE, O SHELF
(P/O INTERCONNECTION & FLOW DIAGRAM)

SYMBOL NO. 9
POWER UNIT
OPU
04-098
494LA
A

SYMBOL NO. 10
DATA MUX
OOMUX
04-108
UN121
A

+5V0 2/9
-48VA 1/1
OPRMC(1,2) 1/8 (2 LEADS)
-8050 2/8
+12V0
PAIRED WITH GROUND

1/8 FRGRDA
2/8-10 +5V1
1/3 -48VARTN

OOPBIN00 1/3
OOPBIN01 1/4
OOPBIN02 1/5
OOPBIN03 1/6
OOPBIN04 1/7
OARMKCT(P,0-5) (7 LEADS)
OAXMKCT(0-5) (6 LEADS)
OAX(0,1)(A,B) (4 LEADS)
OBRAMRO 1/8
OBRMKCT(P,0-5) (7 LEADS)
OBXMKCT(P,0-5) (7 LEADS)
OCLEAR(A,B) (2 LEADS)
OPMRC(1,2) (2 LEADS)
O(P108,SIDE)SEL (2 LEADS)
ORGPULSE
OOPBIN05 1/11
OOPBIN06 1/12
OOPBIN07 1/13
OOPBIN08 1/14
OOPBIN09 1/15
01PBIN16 2/3
01PBIN17 2/4
01PBIN18 2/5
01PBIN19 2/6
01PBIN20 2/7
01PBIN21 2/11
01PBIN22 2/12
01PBIN23 2/13
01PBIN24 2/14
01PBIN25 2/15

(00,01)(A,B)YPBIN (4 LEADS)
(00,01)(A,B)PBAP (4 LEADS) TO CONN CKT
(00,01)(A,B)4MCN (4 LEADS)
(00,01)(A,B)MCP (4 LEADS)
(00,01)(A,B)8MCN (4 LEADS)
(00,01)(A,B)8KSP (4 LEADS)
OOPBIN(10-14) (5 LEADS)
01PBIN(26-30) (5 LEADS) TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT

OOI(PBØ,4MC,8KS)N00 1/3 (5 LEADS)
OOI(PBØ,4MC,8KS)N01 1/4 (5 LEADS)
01(PBØ,4MC,8KS)N02 1/5 (5 LEADS)
OOI(PBØ,4MC,8KS)N03 1/6 (5 LEADS)
OOI(PBØ,4MC,8KS)N04 1/7 (5 LEADS)
O(A,B)ADRPER (2 LEADS)
OARAMARD
OASM
OAXMKCTP
ODATACHF
OOEST(A,RST) 1/8 (2 LEADS)
ODFTIP
ORAMSYNC
ORDDATA
OWR(DATA,PULSE) (2 LEADS)
O1M1(A,B) (2 LEADS)
Q256CKT,04MCLK (2 LEADS)
OOI(PBØ,4MC,8KS)N05 1/11 (5 LEADS)
OOI(PBØ,4MC,8KS)N06 1/12 (5 LEADS)
OOI(PBØ,4MC,8KS)N07 1/13 (5 LEADS)
OOI(PBØ,4MC,8KS)N08 1/14 (5 LEADS)
OOI(PBØ,4MC,8KS)N09 1/15 (5 LEADS)
01(PBØ,4MC,8KS)N16 2/3 (5 LEADS)
01(PBØ,4MC,8KS)N17 2/4 (5 LEADS)
01(PBØ,4MC,8KS)N18 2/5 (5 LEADS)
01(PBØ,4MC,8KS)N19 2/6 (5 LEADS)
01(PBØ,4MC,8KS)N20 2/7 (5 LEADS)
01(PBØ,4MC,8KS)N21 2/11 (5 LEADS)
01(PBØ,4MC,8KS)N22 2/12 (5 LEADS)
01(PBØ,4MC,8KS)N23 2/13 (5 LEADS)
01(PBØ,4MC,8KS)N24 2/14 (5 LEADS)
01(PBØ,4MC,8KS)N25 2/15 (5 LEADS)

(00,01)(A,B)PBIN (4 LEADS) TO CONN CKT
(00,01)(A,B)PBTP (4 LEADS)
OOI(PBØ,4MC,8KS)N(10-14) (5 LEADS)
01(PBØ,4MC,8KS)N(26-30) (5 LEADS) TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT
ORDDA108
1/8 FRGRDA

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
6S	

AT&T	SD-5D202-02	SHEET 81AD

PART OF FS I

DIGITAL FACILITY INTERFACE, O SHELF
(P/O INTERCONNECTION & FLOW DIAGRAM)

SYMBOL NO. 11
DIGITAL FACILITY INTERFACE
SDFIO5
04-129
(2) MC5D204A1
(Y) MC5D204A1B
A

SYMBOL NO. 12
DIGITAL FACILITY INTERFACE
SDFIO6
04-139
(2) MC5D204A1
(Y) MC5D204A1B
A

SYMBOL NO. 14
DIGITAL FACILITY INTERFACE
SDFIO7
04-149
(2) MC5D204A1
(Y) MC5D204A1B
A

SYMBOL NO. 14
DIGITAL FACILITY INTERFACE
SDFIO8
04-159
(2) MC5D204A1
(Y) MC5D204A1B
A

SYMBOL NO. 15
DIGITAL FACILITY INTERFACE
SDFIO9
04-169
(2) MC5D204A1
(Y) MC5D204A1B
A

PAIRED WITH GROUND

TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
8S	2B

AT&T	SD-5D202-02	SHEET
		81AE

PART OF FS 1

DIGITAL FACILITY INTERFACE, 0 SHELF

SYMBOL NO. 1

POWER START

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OPWRSTRT	04-010	SN346B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	STARTB	011			
	I	PWRB	111			
-48VA	PWR	-48VA	000		1/1	
	PWR	-48VB	002		1/1	
	PWR	-48VA	100		1/1	
	PWR	-48VB	102		1/3,1/4 1/5,1/6 1/7,1/9 1/11,1/12 1/13,1/14 1/15 TO CONN CKT	
-48VARTN	GRD	-48RTNB	003		1/1	
	GRD	-48RTNA	101		1/1	
	GRD	-48RTNB	103		1/1	
	GRD	-48RTNA	001		1/3,1/4 1/5,1/6 1/7,1/9 1/11,1/12 1/13,1/14 1/15 TO CONN CKT	
GRD04027	GRD	GRD	051		1/1 TO DSX-1 CROSS CONNECT	NOTE 1
	GRD	GRD	052		1/1 TO DSX-1 CROSS CONNECT	NOTE 1
	GRD	GRD	053		1/1 TO DSX-1 CROSS CONNECT	NOTE 1
	GRD	GRD	054		1/1 TO DSX-1 CROSS CONNECT	NOTE 1
	GRD	GRD	055		1/1 TO DSX-1 CROSS CONNECT	NOTE 1
	GRD	GRD	056		1/2 1/3 TO DSX-1 CROSS CONNECT	NOTE 1
OPWRON OSTART	I O	PWRA STARTA	109 009		1/3 1/3,1/4 1/5,1/6 1/7,1/11 1/12,1/13 1/14,1/15	
OT1IR00	I		015		1/3 TO DSX-1 CROSS CONNECT	P/OT1IT00 NOTE 1
OT1IR01	I		017		1/4 TO DSX-1 CROSS CONNECT	P/OT1IT01 NOTE 1
OT1IR02	I		021		1/5 TO DSX-1 CROSS CONNECT	P/OT1IT02 NOTE 1
OT1IR03	I		023		1/6 TO DSX-1 CROSS CONNECT	P/OT1IT03 NOTE 1
OT1IR04	I		034		1/7 TO DSX-1 CROSS CONNECT	P/OT1IT04 NOTE 1
OT1IR05	I		036		1/11 TO DSX-1 CROSS CONNECT	P/OT1IT05 NOTE 1
OT1IR06	I		040		1/12 TO DSX-1 CROSS CONNECT	P/OT1IT06 NOTE 1
OT1IR07	I		042		1/13 TO DSX-1 CROSS CONNECT	P/OT1IT07 NOTE 1
OT1IR08	I		047		1/14 TO DSX-1 CROSS CONNECT	P/OT1IT08 NOTE 1

SYMBOL NO. 1 (CONT)

POWER START

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OPWRSTRT	04-010	SN346B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
OT1IR09	I		049		1/15 TO DSX-1 CROSS CONNECT	P/OT1IT09 NOTE 1
OT1IT00	I		016		1/3 TO DSX-1 CROSS CONNECT	P/OT1IR00 NOTE 1
OT1IT01	I		018		1/4 TO DSX-1 CROSS CONNECT	P/OT1IR01 NOTE 1
OT1IT02	I		022		1/5 TO DSX-1 CROSS CONNECT	P/OT1IR02 NOTE 1
OT1IT03	I		024		1/6 TO DSX-1 CROSS CONNECT	P/OT1IR03 NOTE 1
OT1IT04	I		035		1/7 TO DSX-1 CROSS CONNECT	P/OT1IR04 NOTE 1
OT1IT05	I		037		1/11 TO DSX-1 CROSS CONNECT	P/OT1IR05 NOTE 1
OT1IT06	I		041		1/12 TO DSX-1 CROSS CONNECT	P/OT1IR06 NOTE 1
OT1IT07	I		043		1/13 TO DSX-1 CROSS CONNECT	P/OT1IR07 NOTE 1
OT1IT08	I		048		1/14 TO DSX-1 CROSS CONNECT	P/OT1IR08 NOTE 1
OT1IT09	I		050		1/15 TO DSX-1 CROSS CONNECT	P/OT1IR09 NOTE 1

NOTE(S):

1. THESE TERMINALS ARE UNUSED ON THE SN346B POWER START CIRCUIT PACK, BUT ARE USED VIA CABLING DIRECTLY TO THE DSX-1 EQUIPMENT. (SEE NOTE 305)

SYMBOL NO. 2

TIC EQUALIZER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OT1CEQU	04-018	SN215	A	(3)
OT1CEQU	04-018	SN216	A	(4)
OT1CEQU	04-018	SN217	A	(5)
OT1CEQU	04-018	SN218	A	(6)
OT1CEQU	04-018	SN219	A	(7)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	R0	013			
	O	T0	014			
	O	R3	019			
	O	T3	020			
	O	R6	032			
	O	T6	033			
	O	R9	038			
	O	T9	039			
	O	R12	045			

SYMBOL NO. 2 (CONT)

TIC EQUALIZER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OT1CEQU	04-018	SN215	A	(3)
OT1CEQU	04-018	SN216	A	(4)
OT1CEQU	04-018	SN217	A	(5)
OT1CEQU	04-018	SN218	A	(6)
OT1CEQU	04-018	SN219	A	(7)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	O	T12	046			
	I	R0	113			
	I	T0	114			
	I	R3	119			
	I	T3	120			
	I	R6	132			
	I	T6	133			
	I	R9	138			
	I	T9	139			
	I	R12	145			
	I	T12	146			
GRD04027	GRD	GRD	051		1/1 TO DSX-1 CROSS CONNECT	
	GRD	GRD	052		1/1 TO DSX-1 CROSS CONNECT	
	GRD	GRD	053		1/1 TO DSX-1 CROSS CONNECT	
	GRD	GRD	054		1/1 TO DSX-1 CROSS CONNECT	
	GRD	GRD	055		1/1 TO DSX-1 CROSS CONNECT	
	GRD	GRD	056		1/1 TO DSX-1 CROSS CONNECT 1/3	
OT1OR00	I	R1	115		TO DSX-1 CROSS CONNECT	P/OT1OT00A
OT1OR00A	O	R1	015		1/4 TO DSX-1 CROSS CONNECT	P/OT1OT01A
OT1OR01 OT1OR01A	I O	R2 R2	117 017		1/5 TO DSX-1 CROSS CONNECT	P/OT1OT02A
OT1OR02 OT1OR02A	I O	R4 R4	121 021		1/6 TO DSX-1 CROSS CONNECT	P/OT1OT03A
OT1OR03	I	R5	123		1/7 TO DSX-1 CROSS CONNECT	P/OT1OT04A
OT1OR03A	O	R5	023		1/11 TO DSX-1 CROSS CONNECT	P/OT1OT05A
OT1OR04 OT1OR04A	I O	R7 R7	134 034		1/12 TO DSX-1 CROSS CONNECT	P/OT1OT06A
OT1OR05 OT1OR05A	I O	R8 R8	136 036		1/13 TO DSX-1 CROSS CONNECT	P/OT1OT07A
OT1OR06	I	R10	140		1/14 TO DSX-1 CROSS CONNECT	P/OT1OT08A
OT1OR06A	O	R10	040		1/15 TO DSX-1 CROSS CONNECT	P/OT1OT09A
OT1OR07 OT1OR07A	I O	R11 R11	142 042		1/3 TO DSX-1 CROSS CONNECT	P/OT1OR00A
OT1OR08 OT1OR08A	I O	R13 R13	147 047			
OT1OR09	I	R14	149			
OT1OR09A	O	R14	049			
OT1OT00 OT1OT00A	I O	T1 T1	116 016			

SYMBOL NO. 2 (CONT)

TIC EQUALIZER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
OT1CEQU	04-018	SN215	A	(3)
OT1CEQU	04-018	SN216	A	(4)
OT1CEQU	04-018	SN217	A	(5)
OT1CEQU	04-018	SN218	A	(6)
OT1CEQU	04-018	SN219	A	(7)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
OT1OT01	I	T2	118		1/4 TO DSX-1 CROSS CONNECT	P/OT1OR01A
OT1OT01A	O	T2	018			
OT1OT02	I	T4	122		1/5 TO DSX-1 CROSS CONNECT	P/OT1OR02A
OT1OT02A	O	T4	022		1/6 TO DSX-1 CROSS CONNECT	P/OT1OR03A
OT1OT03 OT1OT03A	I O	T5 T5	124 024		1/7 TO DSX-1 CROSS CONNECT	P/OT1OR04A
OT1OT04 OT1OT04A	I O	T7 T7	135 035		1/11 TO DSX-1 CROSS CONNECT	P/OT1OR05A
OT1OT05	I	T8	137		1/12 TO DSX-1 CROSS CONNECT	P/OT1OR06A
OT1OT05A	O	T8	037		1/13 TO DSX-1 CROSS CONNECT	P/OT1OR07A
OT1OT06 OT1OT06A	I O	T10 T10	141 041		1/14 TO DSX-1 CROSS CONNECT	P/OT1OR08A
OT1OT07 OT1OT07A	I O	T11 T11	143 043		1/15 TO DSX-1 CROSS CONNECT	P/OT1ORD9A
OT1OT08	I	T13	148			
OT1OT08A	O	T13	048			
OT1OT09 OT1OT09A	I O	T14 T14	150 050			

PART OF FS 1

SYMBOL(S) 1 2

DIGITAL CARRIER LINE UNIT

DWG SIZE: D2 | ISSUE: 1

AT&T | SD-5D202-02 | B1CA

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PART OF FS 1

DIGITAL FACILITY INTERFACE, 0 SHELF

SYMBOL NO. 3

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI00	04-027	MC5D204A1	A	(Z)
SDFI00	04-027	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRCERR	019			
	O	PCM20N	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	-5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	ADB0	220			
	I	ADB1	221			
	I	ADB2	222			
	I	ADB3	223			
	I	ERD	233			
	I	DBDIR	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
+5V04027	GRD	GRD	053			
	O	+5A	207			
	I	VDD2	007			
-48VA	I	VDD1	107			
	PWR	-48IN	000			1/1
	PWR	-48IN	100			1/1
-48VARTN	PWR	-48IN	200			1/1
	PWR	-48RTN	001			1/1
	PWR	-48RTN	101			1/1
GRD04027	PWR	-48RTN	201			1/1
	GRD	GRD	003			
	GRD	GRD	035			
	GRD	GRD	044			NOTE 2
	GRD	GRD	046			
	GRD	GRD	051			NOTE 2
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			NOTE 2
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			NOTE 2
						NOTE 2
	GRD	GRD	203			
	GRD	GRD	215			
	GRD	GRD	218			

SYMBOL NO. 3 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI00	04-027	MC5D204A1	A	(Z)
SDFI00	04-027	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
	I	LIRST	018		1/1	NOTE 2
GRD13088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD13108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
OPWRON	OT	PWRON	009		1/4,1/5 1/6,1/7 1/11,1/12 1/13,1/14 1/15 1/1	
OREF00	I	REF00	038			
	I	REF00	039			
	I	REF00	040			
	I	REF00	042			
	I	REF00	043			
	I	REF00	045			
	I	REF00	048			
	I	REF00	049			
	I	REF00	054			
	I	REF00	055			
OSTART	I	START	109		1/1	
OT11R00	I	LIN	032		1/1	P/OT11T00
OT11T00	I	LIP	132		1/1	P/OT11R00
OT10R00	O	LON	024		1/2	
OT10T00	O	LOP	124		1/2	P/OT10R00
OOCP00	I	OCP	148		1/8	
OOIOP00	O	OIOP	150		1/8	
OONITP00	O	ONINTP	146		1/8	
OOODP00	I	OODP	149		1/8	
OOPBIN00	O	OPBIN	137		1/10	
OOPBON00	I	OPBON	136		1/10	
OOSP00	I	OSP	147		1/8	
O04MCN00	I	04MCN	139		1/10	
O08KSN00	I	08KSN	138		1/10	
11CP16	I	1CP	154		2/8	
11IOP16	O	1IOP	156		2/8	
11NITP16	O	1KINTP	152		2/8	P/GRD04027
11ODP16	I	1ODP	155		2/8	
11PBIN16	O	1PBIN	141		2/10	
11PBON16	I	1PBON	140		2/10	P/GRD04027
11SP16	I	1SP	153		2/8	

SYMBOL NO. 3 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI00	04-027	MC5D204A1	A	(Z)
SDFI00	04-027	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
114MCN16	I	14MCN	143		2/10	
118KSN16	I	18KSN	142		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET
2. TWO GRD WIRES LEAVE THIS POINT

SYMBOL NO. 4

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI01	04-037	MC5D204A1	A	(Z)
SDFI01	04-037	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRCERR	019			
	O	PCM20N	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	-5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	ADB0	220			
	I	ADB1	221			
	I	ADB2	222			
	I	ADB3	223			
	I	ERD	233			
	I	DBDIR	234			
	I	BUSEN	235			
	I	2CE2	236			

SYMBOL NO. 4 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI01	04-037	MC5D204A1	A	(Z)
SDFI01	04-037	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
+5V04037	GRD	GRD	053			
	O	+5A	207			
	I	VDD2	007			
-48VA	I	VDD1	107			
	PWR	-48IN	000			1/1
	PWR	-48IN	100			1/1
-48VARTN	PWR	-48IN	200			1/1
	PWR	-48RTN	001			1/1
	PWR	-48RTN	101			1/1
GRD04037	PWR	-48RTN	201			1/1
	I	LIRST	018			
	GRD	GRD	003			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	203			
	GRD	GRD	215			
	GRD	GRD	218			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
GRD13088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD13108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1

PART OF FS 1

SYMBOL(S) 3 4

DIGITAL CARRIER LINE UNIT

DWG SIZE C2 | ISSUE 2B

AT&T | SD-5D202-02 | B1CB

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PART OF FS 1

DIGITAL FACILITY INTERFACE, 0 SHELF

SYMBOL NO. 4 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDF101	04-037	MC5D204A1	A	(Z)
SDF101	04-037	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	243			NOTE 1
OPWRON	OT	PWRON	009		1/3	
OREF01	I	REF01	036			
	I	REF01	038			
	I	REF01	039			
	I	REF01	040			
	I	REF01	042			
	I	REF01	043			
	I	REF01	045			
	I	REF01	048			
	I	REF01	049			
	I	REF01	054			
	I	REF01	055			
OSTART	I	START	109		1/1	
OT11R01	I	LIN	032		1/1	P/OT1IT01
OT11T01	I	LIP	132		1/1	
OT1CR01	O	LON	024		1/2	P/OT1IR01
OT1OT01	O	LOP	124		1/2	P/OT1OT01
						P/OT1CR01
00CP01	I	0CP	148		1/8	
00IDP01	O	0IDP	150		1/8	
00NITP01	O	0NINTP	146		1/8	
000DP01	I	00DP	149		1/8	
00PBIN01	O	0PBIN	137		1/10	
00PBON01	I	0PBON	136		1/10	
00SP01	I	0SP	147		1/8	
004MCN01	I	04MCN	139		1/10	
008KSN01	I	08KSN	138		1/10	
11CP17	I	1CP	154		2/8	
11IDP17	O	1IDP	156		2/8	P/GRD04037
11NITP17	O	1KINTP	152		2/8	
11ODP17	I	1ODP	155		2/8	
11PBIN17	O	1PBIN	141		2/10	P/GRD04037
11PBON17	I	1PBON	140		2/10	
11SP17	I	1SP	153		2/8	
114MCN17	I	14MCN	143		2/10	
118KSN17	I	18KSN	142		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 5

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDF10Z	04-047	MC5D204A1	A	(Z)
SDF10Z	04-047	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRCERR	019			
	O	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PURTON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	ADB0	220			
	I	ADB1	221			
	I	ADB2	222			
	I	ADB3	223			
	I	ERD	233			
	I	DBDIR	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
	GRD	GRD	053			
+5V04047	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VA	PWR	-48IN	000			1/1
	PWR	-48IN	100			1/1
	PWR	-48IN	200			1/1
-48VARTN	PWR	-48RTN	001			1/1
	PWR	-48RTN	101			1/1
	PWR	-48RTN	201			1/1
GRD04047	I	1IRST	018			
	GRD	GRD	003			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	203			
	GRD	GRD	215			

SYMBOL NO. 5 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDF102	04-047	MC5D204A1	A	(Z)
SDF102	04-047	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	218			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
GRD13088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD13108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
OPWRON	OT	PWRON	009		1/3	
OREF02	I	REF02	036			
	I	REF02	038			
	I	REF02	039			
	I	REF02	040			
	I	REF02	042			
	I	REF02	043			
	I	REF02	045			
	I	REF02	048			
	I	REF02	049			
	I	REF02	054			
	I	REF02	055			
OSTART	I	START	109		1/1	
OT11R02	I	LIN	032		1/1	P/OT1IT02
OT11T02	I	LIP	132		1/1	
OT1CR02	O	LON	024		1/2	P/OT1IR02
OT1OT02	O	LOP	124		1/2	P/OT1OT02
						P/OT1CR02
00CP02	I	0CP	148		1/8	
00IDP02	O	0IDP	150		1/8	
00NITP02	O	0NINTP	146		1/8	
000DP02	I	00DP	149		1/8	
00PBIN02	O	0PBIN	137		1/10	
00PBON02	I	0PBON	136		1/10	
00SP02	I	0SP	147		1/8	
004MCN02	I	04MCN	139		1/10	
008KSN02	I	08KSN	138		1/10	
11CP18	I	1CP	154		2/8	
11IDP18	O	1IDP	156		2/8	P/GRD04047
11NITP18	O	1KINTP	152		2/8	
11ODP18	I	1ODP	155		2/8	
11PBIN18	O	1PBIN	141		2/10	P/GRD04047
11PBON18	I	1PBON	140		2/10	
11SP18	I	1SP	153		2/8	
114MCN18	I	14MCN	143		2/10	
118KSN18	I	18KSN	142		2/10	

SYMBOL NO. 5 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDF102	04-047	MC5D204A1	A	(Z)
SDF102	04-047	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

PART OF FS 1

SYMBOL(S) 4 5

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
D2	2B

AT&T	SD-5D202-02	B1CC

PART OF FS 1

DIGITAL FACILITY INTERFACE, 0 SHELF

SYMBOL NO. 6

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDF103	04-057	MC5D204A1	A	(Z)
SDF103	04-057	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRCERR	019			
	O	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	ADB0	220			
	I	AD01	221			
	I	ADB2	222			
	I	ADB3	223			
	I	ERD	233			
	I	DBDIR	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
+5V04057	GRD	GRD	053			
	O	+5A	207			
	I	VDD2	007			
-48VA	I	VDD1	107			
	PWR	-48TN	000			1/1
	PWR	-48TN	100			1/1
-48VARTN	PWR	-48TN	200			1/1
	PWR	-48RTN	001			1/1
	PWR	-48RTN	101			1/1
GRD04057	PWR	-48RTN	201			1/1
	I	LIRST	018			
	GRD	GRD	003			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	116			
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	203			
	GRD	GRD	215			

SYMBOL NO. 6 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDF103	04-057	MC5D204A1	A	(Z)
SDF103	04-057	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	218			
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
GRD13088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD13108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
OPWRON OREF03	GRD	GRD	243			
	OT	PWRON	009		1/3	NOTE 1
	I	REF03	036			
	I	REF03	038			
	I	REF03	039			
	I	REF03	040			
	I	REF03	042			
	I	REF03	043			
	I	REF03	045			
	I	REF03	048			
	I	REF03	049			
	I	REF03	054			
	I	REF03	055			
OSTART OT11RO3	I	START	109		1/1	
	I	LIN	032		1/1	
OT11TO3	I	LIP	132		1/1	P/OT11T03
OT10RO3	O	LON	024		1/2	
OT10TO3	O	LOP	124		1/2	P/OT11R03 P/OT11C03 P/OT10R03
00CP03	I	0CP	148		1/8	
00ICP03	O	0IDP	150		1/8	
00NITP03	O	0KINTP	146		1/8	
00DP03	I	00DP	149		1/8	
00PBIN03	O	0PBIN	137		1/10	
00PBON03	I	0PBON	136		1/10	
00SP03	I	0SP	147		1/8	
034MCN03	I	04MCN	139		1/10	
08KSN03	I	08KSN	138		1/10	
11CP19	I	1CP	154		2/8	
11ICP19	O	1IDP	156		2/8	
11NITP19	O	1KINTP	152		2/8	P/GRD04057
11ODP19	I	1ODP	155		2/8	
11PBIN19	O	1PBIN	141		2/10	
11PBON19	I	1PBJN	140		2/10	P/GRD04C57
11SP19	I	1SP	153		2/8	
114MCN19	I	14MCN	143		2/10	
118KSN19	I	18KSN	142		2/10	

SYMBOL NO. 6 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDF103	04-057	MC5D204A1	A	(Z)
SDF103	04-057	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NOTE(S):						

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 7

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDF104	04-067	MC5D204A1	A	(Z)
SDF104	04-067	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRCERR	019			
	O	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	ADB0	220			
	I	ADB1	221			
	I	ADB2	222			
	I	ADB3	223			
	I	ERD	233			
	I	DBDIR	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
+5V04067	GRD	GRD	053			
	O	+5A	207			
	I	VDD2	007			

SYMBOL NO. 7 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDF104	04-067	MC5D204A1	A	(Z)
SDF104	04-067	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48VA	I	VDD1	107			
	PWR	-48TN	000		1/1	
	PWR	-48TN	100		1/1	
-48VARTN	PWR	-48TN	200		1/1	
	PWR	-48RTN	001		1/1	
	PWR	-48RTN	101		1/1	
GRD04067	PWR	-48RTN	201		1/1	
	I	LIRST	018			
	GRD	GRD	003			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	116			
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	203			
	GRD	GRD	215			
	GRD	GRD	218			
	GRD	GRD	239			NOTE 1
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
GRD13088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD13108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
OPWRON OREF04	GRD	GRD	243			
	OT	PWRON	009		1/3	NOTE 1
	I	REF04	036			
	I	REF04	038			
	I	REF04	039			
	I	REF04	040			

PART OF FS 1
SYMBOL(S) 6 7

DIGITAL CARRIER LINE UNIT

DWG SIZE C2 | ISSUE 2B

AT&T | SD-5D202-02 | B1CD

PART OF FS 1

DIGITAL FACILITY INTERFACE, 0 SHELF

SYMBOL NO. 7 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI04	04-067	MC5D204A1	A	(Z)
SDFI04	04-067	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	REF04	042			
	I	REF04	043			
	I	REF04	045			
	I	REF04	048			
	I	REF04	049			
	I	REF04	054			
	I	REF04	055			
0START	I	START	109		1/1	
0T11R04	I	LIN	032		1/1	P/0T11T04
0T11T04	I	LIP	132		1/1	P/0T11R04
0T10R04	O	LON	024		1/2	P/0T10T04
0T10T04	O	LOP	124		1/2	P/0T10R04
00CP04	I	0CP	148		1/8	
00IDP04	O	0IDP	150		1/8	
00NITP04	O	0NINTP	146		1/8	
00ODP04	I	0ODP	149		1/8	
00PBIN04	O	0PBIN	137		1/10	
00PBON04	I	0PBON	136		1/10	
00SP04	I	0SP	147		1/8	
004MCN04	I	04MCN	139		1/10	
008KSN04	I	08KSN	138		1/10	
11CP20	I	1CP	154		2/8	
11IDP20	O	1IDP	156		2/8	
11NITP20	O	1KINTP	152		2/8	P/GRD04C67
11ODP20	I	1ODP	155		2/8	
11PBIN20	O	1PBIN	141		2/10	
11PBON20	I	1PBON	140		2/10	P/GRD04067
11SP20	I	1SP	153		2/8	
114MCN20	I	14MCN	143		2/10	
118KSN20	I	18KSN	142		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 8

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0CMUX	04-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	I	TP	032			
	GRD	GRD	212			
	GRD	GRD	452			
+5V0	PWR	+5	000		2/9	
	PWR	+5	100		2/9	
	PWR	+5	200		2/9	
	PWR	+5	300		2/9	
	PWR	+5	400		2/9	
	PWR	+5	500		2/9	

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0CMUX	04-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-00S1	O	0SS	221		2/9	
FRGRDA	GRD	GRD	001		1/9,1/10	
					1/9	
GRD04088	GRD	GRD	005		TO CONN CKT TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	011			
	GRD	GRD	018			
	GRD	GRD	024			
	GRD	GRD	101			NOTE 1
	GRD	GRD	112			NOTE 1
	GRD	GRD	115			
	GRD	GRD	121			
	GRD	GRD	145			
	GRD	GRD	151			
	GRD	GRD	201			NOTE 1
	GRD	GRD	215			NOTE 1
	GRD	GRD	234			NOTE 1
	GRD	GRD	256			
	GRD	GRD	301			NOTE 1
	GRD	GRD	312			NOTE 1
	GRD	GRD	315			
	GRD	GRD	340			NOTE 1
	GRD	GRD	401			NOTE 1
	GRD	GRD	412			NOTE 1
	GRD	GRD	415			NOTE 1
	GRD	GRD	421			NOTE 1
	GRD	GRD	434			
	GRD	GRD	436			
	GRD	GRD	438			
	GRD	GRD	442			
	GRD	GRD	444			
	GRD	GRD	446			
	GRD	GRD	448			
	GRD	GRD	450			
	GRD	GRD	454			
	GRD	GRD	456			
	GRD	GRD	501			
	GRD	GRD	50a			
	GRD	GRD	513			
	GRD	GRD	519			
	GRD	GRD	532			
	GRD	GRD	538			
	GRD	GRD	545			
	GRD	GRD	551			
0AADRPER	I	AADRPER	113		1/10	
0ARAMWR0	OT	ARAMWR0	332		1/10	
0ARMXCTP	O	ARMUXCTP	544		1/10	
0ARMXCT0	O	ARMUXCT0	356		1/10	
0ARMXCT1	O	ARMUXCT1	455		1/10	
0ARMXCT2	O	ARMUXCT2	453		1/10	
0ARMXCT3	O	ARMUXCT3	451		1/10	
0ARMXCT4	O	ARMUXCT4	449		1/10	
0ARMXCT5	O	ARMUXCT5	447		1/10	
0ASW	I	ASW	132		1/10	
0AXMXCTP	OT	AXMUXCTP	232		1/10	
0AXMXLT0	O	AXMUXCT0	124		1/10	
0AXMXCT1	O	AXMUXCT1	123		1/10	
0AXMXCT2	O	AXMUXCT2	122		1/10	
0AXMXCT3	O	AXMUXCT3	222		1/10	

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0CMUX	04-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0AXMXCT4	O	AXMUXCT4	223		1/10	
0AXMXCT5	O	AXMUXCT5	224		1/10	
0AX0A	O	AX0A	045		1/10	
0AX0B	O	AX0B	504		1/10	
0AX1A	O	AX1A	051		1/10	
0AX1B	O	AX1B	004		1/10	
0BADRPER	I	BADRPER	114		1/10	
0BRAMWR0	O	BRAMWR0	333		1/10	
0BRMXCTP	O	BRMUXCTP	435		1/10	
0BRMXCT0	O	BRMUXCT0	445		1/10	
0BRMXCT1	O	BRMUXCT1	443		1/10	
0BRMXCT2	O	BRMUXCT2	441		1/10	
0BRMXCT3	O	BRMUXCT3	440		1/10	
0BRMXCT4	O	BRMUXCT4	439		1/10	
0BRMXCT5	O	BRMUXCT5	437		1/10	
0BXMXCTP	O	BXMUXCTP	432		1/10	
0BXMXCT0	O	BXMUXCT0	324		1/10	
0BXMXCT1	O	BXMUXCT1	323		1/10	
0BXMXCT2	O	BXMUXCT2	322		1/10	
0BXMXCT3	O	BXMUXCT3	422		1/10	
0BXMXCT4	O	BXMUXCT4	423		1/10	
0BXMXCT5	O	BXMUXCT5	424		1/10	
0CLEARA	O	CLEARA	314		1/10	
0CLEARB	O	CLEARB	313		1/10	
0DATASHF	OT	DATASHFT	240		1/10	
0DESTAX	OT	DESTAX	433		1/10	
0DESTRST	OT	DESTRST	233		1/10	
0DFILP	I	DFILP	505		1/10	
0PROG1	I	PROG1	503		1/9,1/10	
0PROG2	I	PROG2	003		1/9,1/10	
0P1DBSEL	O	P1DBSEL	213		1/10	
0RAMSYNC	I	RAMSYNC	334		1/10	
0RDDATA	I	RDDATA	512		1/10	
0RDPULSE	O	RDPULSE	012		1/10	
0S1DESEL	O	S1DESEL	214		1/10	
0WRDATA	OT	WRDATA	144		1/10	
0WRPULSE	OT	WRPULSE	044		1/10	
00ACN	I	0ACN	048		TO CONN CKT	
00ACP	I	0ACP	148		TO CONN CKT	
00AIDN	O	0AIDN	050		TO CONN CKT	
00AIDP	O	0AIDP	150		TO CONN CKT	
00ANINTN	O	0ANINTN	046		TO CONN CKT	
00ANINTP	O	0ANINTP	146		TO CONN CKT	
00AODN	I	0AODN	049		TO CONN CKT	
00AODP	I	0AODP	149		TO CONN CKT	
00ASN	I	0ASN	047		TO CONN CKT	
00ASP	I	0ASP	147		TO CONN CKT	
00BCN	I	0BCN	035		TO CONN CKT	
00BCP	I	0BCP	135		TO CONN CKT	
00BIDN	O	0BIDN	037		TO CONN CKT	
00BIDP	O	0BIDP	137		TO CONN CKT	
00BNINTN	O	0BNINTN	033		TO CONN CKT	
00BNINTP	O	0BNINTP	133		TO CONN CKT	
00BODN	I	0BODN	036		TO CONN CKT	
00BODP	I	0BODP	136		TO CONN CKT	
00BSN	I	0BSN	034		TO CONN CKT	
00BSP	I	0BSP	134		TO CONN CKT	
00CP00	O	C0	109		1/3	
00CP01	O	C1	118		1/4	
00CP02	O	C2	243		1/5	

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0CMUX	04-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
00CP03	O	C3	253		1/6	
00CP04	O	C4	248		1/7	
00CP05	O	C5	348		1/11	
00CP06	O	C6	353		1/12	
00CP07	O	C7	343		1/13	
00CP08	O	C8	318		1/14	
00CP09	O	C9	309		1/15	
00CP10	O	C10	008		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CK.	
00CP11	O	C11	015		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00CP12	O	C12	021		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00CP13	O	C13	548		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00CP14	O	C14	554		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00IDP00	I	R0	111		1/3	
00IDP01	I	R1	120		1/4	
00IDP02	I	R2	245		1/5	
00IDP03	I	R3	255		1/6	
00IDP04	I	R4	250		1/7	
00IDP05	I	R5	350		1/11	
00IDP06	I	R6	355		1/12	
00IDP07	I	R7	345		1/13	
00IDP08	I	R8	320		1/14	
00IDP09	I	R9	311		1/15	
00IDP10	I	R10	006		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00IDP11	I	R11	013		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00IDP12	I	R12	019		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00IDP13	I	R13	550		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00IDP14	I	R14	556		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	

PART OF FS 1

SYMBOL(S) 7 8

DIGITAL CARRIER LINE UNIT

DWG SIZE C2 | ISSUE 2B

AT&T | SD-5D202-02 | B1CE

PART OF FS 1

DIGITAL FACILITY INTERFACE, 0 SHELF

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0CMUX	04-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
00NITP00	I	I0	107		1/3	
00NITP01	I	I1	116		1/4	
00NITP02	I	I2	241		1/5	
00NITP03	I	I3	251		1/6	
00NITP04	I	I4	246		1/7	
00NITP05	I	I5	348		1/11	
00NITP06	I	I6	351		1/12	
00NITP07	I	I7	341		1/13	
00NITP08	I	I8	316		1/14	
00NITP09	I	I9	307		1/15	
00NITP10	I	I10	010		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00NITP11	I	I11	017		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00NITP12	I	I12	023		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00NITP13	I	I13	546		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00NITP14	I	I14	552		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
000DP00	0	00	110		1/3	
000DP01	0	01	119		1/4	
000DP02	0	02	244		1/5	
000DP03	0	03	254		1/6	
000DP04	0	04	149		1/7	
000DP05	0	05	349		1/11	
000DP06	0	06	354		1/12	
000DP07	0	07	344		1/13	
000DP08	0	08	319		1/14	
000DP09	0	09	310		1/15	
000DP10	0	010	007		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
000DP11	0	011	014		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
000DP12	0	012	020		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
000DP13	0	013	549		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
000DP14	0	014	555		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00SP00	0	S0	108		1/3	
00SP01	0	S1	117		1/4	
00SP02	0	S2	242		1/5	
00SP03	0	S3	252		1/6	
00SP04	0	S4	247		1/7	
00SP05	0	S5	347		1/11	

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0CMUX	04-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
00SP06	0	S6	352		1/12	
00SP07	0	S7	342		1/13	
00SP08	0	S8	317		1/14	
00SP09	0	S9	308		1/15	
00SP10	0	S10	009		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00SP11	0	S11	016		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00SP12	0	S12	022		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00SP13	0	S13	547		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00SP14	0	S14	553		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01ACN	I	1ACN	054		TO CONN CKT	
01ACP	I	1ACP	154		TO CONN CKT	
01AIDN	O	1AIDN	056		TO CONN CKT	
01AIDP	O	1AIDP	156		TO CONN CKT	
01ANINTN	O	1ANINTN	052		TO CONN CKT	
01ANINTP	O	1ANINTP	152		TO CONN CKT	
01AODN	I	1AODN	055		TO CONN CKT	
01AODP	I	1AODP	155		TO CONN CKT	
01ASN	I	1ASN	053		TO CONN CKT	
01ASP	I	1ASP	153		TO CONN CKT	
01BCN	I	1BCN	041		TO CONN CKT	
01BCP	I	1BCP	141		TO CONN CKT	
01BIDN	O	1BIDN	043		TO CONN CKT	
01BIDP	O	1BIDP	143		TO CONN CKT	
01BNINTN	O	1BNINTN	039		TO CONN CKT	
01BNINTP	O	1BNINTP	139		TO CONN CKT	
01BODN	I	1BODN	042		TO CONN CKT	
01BODP	I	1BODP	142		TO CONN CKT	
01BSN	I	1BSN	040		TO CONN CKT	
01BSP	I	1BSP	140		TO CONN CKT	
01CP16	O	C16	104		2/3	P/GRD04088
01CP17	O	C17	204		2/4	P/GRD04088
01CP18	O	C18	209		2/5	P/GRD04088
01CP19	O	C19	218		2/6	P/GRD04088
01CP20	O	C20	237		2/7	P/GRD04088
01CP21	O	C21	337		2/11	P/GRD04088
01CP22	O	C22	418		2/12	P/GRD04088
01CP23	O	C23	409		2/13	P/GRD04088
01CP24	O	C24	404		2/14	P/GRD04088
01CP25	O	C25	304		2/15	P/GRD04088
01CP26	O	C26	509		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01CP27	O	C27	516		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01CP28	O	C28	522		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0CMUX	04-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
01CP29	O	C29	535		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01CP30	O	C30	541		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01IDP16	I	R16	106		2/3	
01IDP17	I	R17	206		2/4	
01IDP18	I	R18	211		2/5	
01IDP19	I	R19	220		2/6	
01IDP20	I	R20	239		2/7	
01IDP21	I	R21	339		2/11	
01IDP22	I	R22	420		2/12	
01IDP23	I	R23	411		2/13	
01IDP24	I	R24	406		2/14	
01IDP25	I	R25	306		2/15	
01IDP26	I	R26	511		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01IDP27	I	R27	518		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01IDP28	I	R28	524		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01IDP29	I	R29	537		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01IDP30	I	R30	543		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01NITP16	I	I16	102		2/3	
01NITP17	I	I17	202		2/4	
01NITP18	I	I18	207		2/5	
01NITP19	I	I19	216		2/6	
01NITP20	I	I20	235		2/7	
01NITP21	I	I21	335		2/11	
01NITP22	I	I22	416		2/12	
01NITP23	I	I23	407		2/13	
01NITP24	I	I24	402		2/14	
01NITP25	I	I25	302		2/15	
01NITP26	I	I26	507		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01NITP27	I	I27	514		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01NITP28	I	I28	520		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01NITP29	I	I29	533		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01NITP30	I	I30	539		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01NTA	I	INTA	414		1/10	

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0CMUX	04-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
01NTB	I	INTB	413		1/10	
01ODP16	O	O16	105		2/3	P/GRD04088
01ODP17	O	O17	205		2/4	P/GRD04088
01ODP18	O	O18	210		2/5	P/GRD04088
01ODP19	O	O19	219		2/6	P/GRD04088
01ODP20	O	O20	233		2/7	P/GRD04088
01ODP21	O	O21	438		2/11	P/GRD04088
01ODP22	O	O22	419		2/12	P/GRD04088
01ODP23	O	O23	410		2/13	P/GRD04088
01ODP24	O	O24	405		2/14	P/GRD04088
01ODP25	O	O25	305		2/15	P/GRD04088
01ODP26	O	O26	510		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01ODP27	O	O27	517		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01ODP28	O	O28	523		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01ODP29	O	O29	536		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01ODP30	O	O30	542		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01SP16	O	S16	103		2/3	
01SP17	O	S17	203		2/4	
01SP18	O	S18	208		2/5	
01SP19	O	S19	217		2/6	
01SP20	O	S20	236		2/7	
01SP21	O	S21	336		2/11	
01SP22	O	S22	417		2/12	
01SP23	O	S23	408		2/13	
01SP24	O	S24	403		2/14	
01SP25	O	S25	303		2/15	
01SP26	O	S26	508		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01SP27	O	S27	515		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01SP28	O	S28	521		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01SP29	O	S29	534		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	

PART OF FS 1
SYMBOL(S) 8

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
C2	1

AT&T	SD-5D202-02	B1CF

PART OF FS 1

DIGITAL FACILITY INTERFACE, 0 SHELF

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0CMUX	04-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
01SP30	O	S3G	540		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
0256CK1	I	256CK	002		1/10	
04MCLK	I	4MCLK	502		1/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 9

POWER UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0PU	04-098	494LA	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	INT	012			
	O	ALM2	014			
	O	INT	112			
	O	ALM1	113			
	I	RS4	010			
	I	RST	011			
	I	SC(+)	019			
	I	SB(+)	118			
+12V0	OT	VOUT2(+)	024		1/9	
	OT	VOUT2(+)	124		1/9	
	OT	VOUT2(+)	123			
	I				1/10	
+5V0	PWR	VOUT1(+)	045		2/9	
	PWR	VOUT1(+)	046		2/9	
	PWR	VOUT1(+)	047		2/9	
	PWR	VOUT1(+)	048		2/9	
	PWR	VOUT1(+)	049		2/9	
	PWR	VOUT1(+)	050		2/9	
	PWR	VOUT1(+)	051		2/9	
	PWR	VOUT1(+)	052		2/9	
	PWR	VOUT1(+)	053		2/9	
	PWR	VOUT1(+)	054		2/9	
	PWR	VOUT1(+)	055		2/9	
	PWR	VOUT1(+)	056		2/9	
	PWR	VOUT1(+)	145		2/9	
	PWR	VOUT1(+)	146		2/9	
	PWR	VOUT1(+)	147		2/9	
	PWR	VOUT1(+)	148		2/9	
	PWR	VOUT1(+)	149		2/9	
	PWR	VOUT1(+)	150		2/9	
	PWR	VOUT1(+)	151		2/9	
	PWR	VOUT1(+)	152		2/9	
	PWR	VOUT1(+)	153		2/9	
	PWR	VOUT1(+)	154		2/9	

SYMBOL NO. 9 (CONT)

POWER UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0PU	04-098	494LA	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	PWR	VOUT1(+)	155		2/9	
	PWR	VOUT1(+)	156		2/9	
	I	SA(+)	018		2/9	
+5V1	O	OOS(+)	015		2/8,2/9 2/10	
-OOSO	I	OOS(-)	115		2/9	
-48VA	PWR	VIN(-)	006		2/8 1/1	
	PWR	VIN(-)	007		1/1	
	PWR	VIN(-)	008		1/1	
	PWR	VIN(-)	106		1/1	
	PWR	VIN(-)	107		1/1	
	PWR	VIN(-)	108		1/1	
-48VARTN	GRD	VIN(+)	003		1/1	
	GRD	VIN(+)	004		1/1	
	GRD	VIN(-)	005		1/1	
	GRD	VIN(+)	102		1/1	
	GRD	VIN(+)	103		1/1	
	GRD	VIN(+)	104		1/1	
FRGRDA	I	VOUT2(-)	022		1/8	
	I	VOUT2(-)	023		1/8	
	I	S(-)	119		1/8	
	I	VOUT2(-)	122		1/8	
	GRD	FRGRD	000		1/8	
	GRD	FRGRD	001		1/8	
	GRD	FRGRD	100		1/8	
	GRD	FRGRD	101		1/8	
GRD04098	GRD	VOUT1(-)	032			
	GRD	VOUT1(-)	033			
	GRD	VOUT1(-)	034			
	GRD	VOUT1(-)	035			
	GRD	VOUT1(-)	036			
	GRD	VOUT1(-)	037			
	GRD	VOUT1(-)	038			
	GRD	VOUT1(-)	039			
	GRD	VOUT1(-)	040			
	GRD	VOUT1(-)	041			
	GRD	VOUT1(-)	042			
	GRD	VOUT1(-)	043			
	GRD	VOUT1(-)	132			
	GRD	VOUT1(-)	133			
	GRD	VOUT1(-)	134			
	GRD	VOUT1(-)	135			
	GRD	VOUT1(-)	136			
	GRD	VOUT1(-)	137			
	GRD	VOUT1(-)	138			
	GRD	VOUT1(-)	139			
	GRD	VOUT1(-)	140			
	GRD	VOUT1(-)	141			
	GRD	VOUT1(-)	142			
	GRD	VOUT1(-)	143			
0PROG1	I	CP(+)	017		1/8	
0PROG2	I	CP(-)	117		1/8	
0SPPW	I	RS3	109			
	I	RS2	110			

SYMBOL NO. 10

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0DMUX	04-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+12V0	I	+12VDC	405		1/9	
+5V0	PWR	+5VDC	000		2/9	
	PWR	+5VDC	100		2/9	
	PWR	+5VDC	200		2/9	
	PWR	+5VDC	300		2/9	
	PWR	+5VDC	400		2/9	
	PWR	+5VDC	500		2/9	
FRGRDA	GRD	GRD	501		1/8	
GRD04108	GRD	GRD	001		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	003			
	GRD	GRD	012			
	GRD	GRD	044			
	GRD	GRD	048			
	GRD	GRD	101			
	GRD	GRD	102			
	GRD	GRD	105			
	GRD	GRD	107			
	GRD	GRD	109			NOTE 1
	GRD	GRD	111			NOTE 1
	GRD	GRD	113			
	GRD	GRD	115			
	GRD	GRD	117			NOTE 1
	GRD	GRD	119			NOTE 1
	GRD	GRD	121			
	GRD	GRD	123			
	GRD	GRD	144			
	GRD	GRD	148			
	GRD	GRD	201			
	GRD	GRD	207			
	GRD	GRD	216			
	GRD	GRD	232			
	GRD	GRD	234			
	GRD	GRD	236			
	GRD	GRD	238			
	GRD	GRD	240			
	GRD	GRD	242			
	GRD	GRD	250			NOTE 1
	GRD	GRD	252			NOTE 1
	GRD	GRD	254			NOTE 1
	GRD	GRD	256			
	GRD	GRD	301			
	GRD	GRD	307			NOTE 1
	GRD	GRD	316			
	GRD	GRD	344			
	GRD	GRD	348			
	GRD	GRD	401			
	GRD	GRD	404			
	GRD	GRD	406			
	GRD	GRD	408			NOTE 1
	GRD	GRD	410			NOTE 1
	GRD	GRD	412			NOTE 1
	GRD	GRD	414			
	GRD	GRD	416			
	GRD	GRD	418			
	GRD	GRD	420			NOTE 1
	GRD	GRD	422			NOTE 1
	GRD	GRD	424			

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0DMUX	04-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	433			
	GRD	GRD	435			
	GRD	GRD	437			
	GRD	GRD	439			NOTE 1
	GRD	GRD	441			NOTE 1
	GRD	GRD	443			NOTE 1
	GRD	GRD	449			NOTE 1
	GRD	GRD	451			NOTE 1
	GRD	GRD	453			NOTE 1
	GRD	GRD	455			NOTE 1
	GRD	GRD	503			
	GRD	GRD	512			
	GRD	GRD	544			NOTE 1
	GRD	GRD	548			
0AADRPER	O	AADRPER	122		1/8	
0ARAMWRO	OT	ARAMWRO	246		1/8	
0ARMXCTP	I	ARMUXCTP	445		1/8	
0ARMXCTO	I	ARMUXCTO	547		1/8	
0ARMXCT1	I	ARMUXCT1	546		1/8	
0ARMXCT2	I	ARMUXCT2	545		1/8	
0ARMXCT3	I	ARMUXCT3	448		1/8	
0ARMXCT4	I	ARMUXCT4	447		1/8	
0ARMXCT5	I	ARMUXCT5	446		1/8	
0ASW	O	ASW	243		1/8	
0AXMXCTP	OT	AXMUXCTP	249		1/8	
0AXMXCTO	I	AXMUXCTO	047		1/8	
0AXMXCT1	I	AXMUXCT1	046		1/8	
0AXMXCT2	I	AXMUXCT2	045		1/8	
0AXMXCT3	I	AXMUXCT3	145		1/8	
0AXMXCT4	I	AXMUXCT4	146		1/8	
0AXMXCT5	I	AXMUXCT5	147		1/8	
0AX0A	I	AX0A	346		1/8	
0AX0B	I	AX0B	402		1/8	
0AX1A	I	AX1A	347		1/8	
0AX1B	I	AX1B	103		1/8	
0BADRPER	O	BADRPER	124		1/8	
0BRAMWRO	I	BRAMWRO	135		1/8	
0BRMXCTP	I	BRMUXCTP	432		1/8	
0BRMXCTO	I	BRMUXCTO	444		1/8	
0BRMXCT1	I	BRMUXCT1	442		1/8	
0BRMXCT2	I	BRMUXCT2	440		1/8	
0BRMXCT3	I	BRMUXCT3	438		1/8	
0BRMXCT4	I	BRMUXCT4	436		1/8	
0BRMXCT5	I	BRMUXCT5	434		1/8	
0BXMXCTP	I	BXMUXCTP	134		1/8	
0BXMXCTO	I	BXMUXCTO	035		1/8	
0BXMXCT1	I	BXMUXCT1	034		1/8	
0BXMXCT2	I	BXMUXCT2	033		1/8	
0BXMXCT3	I	BXMUXCT3	032		1/8	
0BXMXCT4	I	BXMUXCT4	132		1/8	

PART OF FS 1

SYMBOL(S) 8 9 10

DIGITAL CARRIER LINE UNIT

DWG SIZE D2 | ISSUE 1

AT&T | SD-5D202-02 | B1CG

PART OF FS 1

DIGITAL FACILITY INTERFACE, 0 SHELF

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0DMUX	04-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0BXMXCT5	I	BXMUXCT5	133		1/8	
0CLEARA	I	CLEARA	415		1/8	
0CLEARB	I	CLEARB	413		1/8	
0DATASHF	OT	DATASHFT	244		1/8	
0DESTAX	OT	DESTAX	247		1/8	
0DESTRST	OT	DESTRST	248		1/8	
0DFILP	O	DFILP	403		1/8	
0PROG1	I	PROG1	302		1/8	
0PROG2	I	PROG2	202		1/8	
0P1DBSEL	I	P1DBSEL	114		1/8	
0RAMSYNC	O	RAMSYNC	245		1/8	
0RDDATA	O	RDDATA	106		1/8	
0RDPULSE	O	RDPULSE	104		1/8	
0S1DESEL	I	S1DESEL	116		1/8	
0WRDATA	OT	WRDATA	239		1/8	
0WRPULSE	OT	WRPULSE	241		1/8	
00APBIN	O	0APBIN	150		TO CONN CKT	
00APBIP	O	0APBIP	050		TO CONN CKT	
00APBON	I	0APBON	149		TO CONN CKT	
00APBOP	I	0APBOP	049		TO CONN CKT	
00A4MCN	I	0A4MCN	152		TO CONN CKT	
00A4MCP	I	0A4MCP	052		TO CONN CKT	
00A8KSN	I	0A8KSN	151		TO CONN CKT	
00A8KSP	I	0A8KSP	051		TO CONN CKT	
00BPBIN	O	0BPBIN	137		TO CONN CKT	
00BPBIP	O	0BPBIP	037		TO CONN CKT	
00BPBON	I	0BPBON	136		TO CONN CKT	
00BPBOP	I	0BPBOP	036		TO CONN CKT	
00B4MCN	I	0B4MCN	139		TO CONN CKT	
00B4MCP	I	0B4MCP	039		TO CONN CKT	
00B8KSN	I	0B8KSN	138		TO CONN CKT	
00B8KSP	I	0B8KSP	038		TO CONN CKT	
00PBIN00	I	RDATA0	204		1/3	
00PBIN01	I	RDATA1	213		1/4	
00PBIN02	I	RDATA2	222		1/5	
00PBIN03	I	RDATA3	333		1/6	
00PBIN04	I	RDATA4	337		1/7	
00PBIN05	I	RDATA5	537		1/11	
00PBIN06	I	RDATA6	533		1/12	
00PBIN07	I	RDATA7	322		1/13	
00PBIN08	I	RDATA8	313		1/14	
00PBIN09	I	RDATA9	304		1/15	
00PBIN10	I	RDATA10	006		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00PBIN11	I	RDATA11	010		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00PBIN12	I	RDATA12	015		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00PBIN13	I	RDATA13	019		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00PBIN14	I	RDATA14	023		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00PBON0C	O	XDATA0	203		1/3	
00PBON01	O	XDATA1	212		1/4	

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0DMUX	04-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
00PBON02	O	XDATA2	221		1/5	
00PBON03	O	XDATA3	332		1/6	
00PBON04	O	XDATA4	336		1/7	
00PBON05	O	XDATA5	536		1/11	
00PBON06	O	XDATA6	532		1/12	
00PBON07	O	XDATA7	321		1/13	
00PBON08	O	XDATA8	312		1/14	
00PBON09	O	XDATA9	303		1/15	
00PBON10	O	XDATA10	007		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00PBON11	O	XDATA11	011		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00PBON12	O	XDATA12	016		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00PBON13	O	XDATA13	020		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
00PBON14	O	XDATA14	024		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
004MCN00	O	SYSCLK0	206		1/3	
004MCN01	O	SYSCLK1	215		1/4	
004MCN02	O	SYSCLK2	224		1/5	
004MCN03	O	SYSCLK3	335		1/6	
004MCN04	O	SYSCLK4	339		1/7	
004MCN05	O	SYSCLK5	539		1/11	
004MCN06	O	SYSCLK6	535		1/12	
004MCN07	O	SYSCLK7	324		1/13	
004MCN08	O	SYSCLK8	315		1/14	
004MCN09	O	SYSCLK9	306		1/15	
004MCN10	O	SYSCLK10	004		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
004MCN11	O	SYSCLK11	008		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
004MCN12	O	SYSCLK12	013		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
004MCN13	O	SYSCLK13	017		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
004MCN14	O	SYSCLK14	021		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
008KSN00	O	SYNC0	205		1/3	
008KSN01	O	SYNC1	214		1/4	
008KSN02	O	SYNC2	223		1/5	
008KSN03	O	SYNC3	334		1/6	
008KSN04	O	SYNC4	338		1/7	
008KSN05	O	SYNC5	538		1/11	
008KSN06	O	SYNC6	534		1/12	
008KSN07	O	SYNC7	323		1/13	

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0DMUX	04-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
008KSN08	O	SYNC8	314		1/14	
008KSN09	O	SYNC9	305		1/15	
008KSN10	O	SYNC10	005		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
008KSN11	O	SYNC11	009		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
008KSN12	O	SYNC12	014		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
008KSN13	O	SYNC13	018		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
008KSN14	O	SYNC14	022		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01APBIN	O	1APBIN	154		TO CONN CKT	
01APBIP	O	1APBIP	054		TO CONN CKT	
01APBON	I	1APBON	153		TO CONN CKT	
01APBOP	I	1APBOP	053		TO CONN CKT	
01A4MCN	I	1A4MCN	156		TO CONN CKT	
01A4MCP	I	1A4MCP	056		TO CONN CKT	
01A8KSN	I	1A8KSN	155		TO CONN CKT	
01A8KSP	I	1A8KSP	055		TO CONN CKT	
01BPBIN	O	1BPBIN	141		TO CONN CKT	
01BPBIP	O	1BPBIP	041		TO CONN CKT	
01BPBON	I	1BPBON	140		TO CONN CKT	
01BPBOP	I	1BPBOP	040		TO CONN CKT	
01B4MCN	I	1B4MCN	143		TO CONN CKT	
01B4MCP	I	1B4MCP	043		TO CONN CKT	
01B8KSN	I	1B8KSN	142		TO CONN CKT	
01B8KSP	I	1B8KSP	042		TO CONN CKT	
01NTA	O	1NTA	423		1/8	
01NTB	O	1NTB	421		1/8	
01PBIN16	I	RDATA16	209		2/3	
01PBIN17	I	RDATA17	218		2/4	
01PBIN18	I	RDATA18	341		2/5	
01PBIN19	I	RDATA19	350		2/6	
01PBIN20	I	RDATA20	354		2/7	
01PBIN21	I	RDATA21	554		2/11	
01PBIN22	I	RDATA22	550		2/12	
01PBIN23	I	RDATA23	541		2/13	
01PBIN24	I	RDATA24	318		2/14	
01PBIN25	I	RDATA25	309		2/15	
01PBIN26	I	RDATA26	505		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01PBIN27	I	RDATA27	509		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01PBIN28	I	RDATA28	514		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01PBIN29	I	RDATA29	518		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0DMUX	04-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
01PBIN30	I	RDATA30	522		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01PBON16	O	XDATA16	208		2/3	P/GRD04108
01PBON17	O	XDATA17	217		2/4	P/GRD04108
01PBON18	O	XDATA18	340		2/5	P/GRD04108
01PBON19	O	XDATA19	349		2/6	P/GRD04108
01PBON20	O	XDATA20	353		2/7	P/GRD04108
01PBON21	O	XDATA21	553		2/11	P/GRD04108
01PBON22	O	XDATA22	549		2/12	P/GRD04108
01PBON23	O	XDATA23	540		2/13	P/GRD04108
01PBON24	O	XDATA24	317		2/14	P/GRD04108
01PBON25	O	XDATA25	308		2/15	P/GRD04108
01PBON26	O	XDATA26	504		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01PBON27	O	XDATA27	508		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01PBON28	O	XDATA28	513		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01PBON29	O	XDATA29	517		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
01PBON30	O	XDATA30	521		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
014MCN16	O	SYSCLK16	211		2/3	P/GRD04108
014MCN17	O	SYSCLK17	220		2/4	P/GRD04108
014MCN18	O	SYSCLK18	343		2/5	P/GRD04108
014MCN19	O	SYSCLK19	352		2/6	P/GRD04108
014MCN20	O	SYSCLK20	356		2/7	P/GRD04108
014MCN21	O	SYSCLK21	556		2/11	P/GRD04108
014MCN22	O	SYSCLK22	552		2/12	P/GRD04108
014MCN23	O	SYSCLK23	543		2/13	P/GRD04108
014MCN24	O	SYSCLK24	320		2/14	P/GRD04108
014MCN25	O	SYSCLK25	311		2/15	P/GRD04108
014MCN26	O	SYSCLK26	507		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
014MCN27	O	SYSCLK27	511		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
014MCN28	O	SYSCLK28	516		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
014MCN29	O	SYSCLK29	520		TO DIGITAL	

PART OF FS 1

SYMBOL(S) 10

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
C2	1

AT&T | SD-5D202-02 | B1CH

PART OF FS 1

DIGITAL FACILITY INTERFACE, 0 SHELF

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0DMUX	04-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
					CARRIER LINE UNIT SUPPLEMENT CKT	
014MCN30	O	SYSCLK30	524		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
018KSN16	O	SYNC16	210		2/3	P/GRD04108
018KSN17	O	SYNC17	219		2/4	P/GRD04108
018KSN18	O	SYNC18	342		2/5	P/GRD04108
018KSN19	O	SYNC19	351		2/6	P/GRD04108
018KSN20	O	SYNC20	355		2/7	P/GRD04108
018KSN21	O	SYNC21	555		2/11	P/GRD04108
018KSN22	O	SYNC22	551		2/12	P/GRD04108
018KSN23	O	SYNC23	542		2/13	P/GRD04108
018KSN24	O	SYNC24	319		2/14	P/GRD04108
018KSN25	O	SYNC25	310		2/15	P/GRD04108
018KSN26	O	SYNC26	506		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
018KSN27	O	SYNC27	510		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
018KSN28	O	SYNC28	515		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
018KSN29	O	SYNC29	519		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
018KSN30	O	SYNC30	523		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
0256CK1	O	256CK1	502		1/8	
04MCLK	O	4MCLK	002		1/8	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 11

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI05	04-129	MC5D204A1	A	(Z)
SDFI05	04-129	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRCERR	019			
	O	PCM20N	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM10N	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	ADB0	220			
	I	ADB1	221			
	I	ADB2	222			
	I	ADB3	223			
	I	GRD	233			
	I	DBDIR	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
	GRD	GRD	053			
+5V04129	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VA	PWR	-48IN	000			1/1
	PWR	-48IN	100			1/1
-48VARTN	PWR	-48IN	200			1/1
	PWR	-48RTN	001			1/1
	PWR	-48RTN	101			1/1
GRD04129	PWR	-48RTN	201			1/1
	I	LIRST	018			
	GRD	GRD	003			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	203			
	GRD	GRD	215			

SYMBOL NO. 11 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI05	04-129	MC5D204A1	A	(Z)
SDFI05	04-129	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	218			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
GRD13088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD13108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
0PWRON	OT	PWRON	009		1/3	
0REF05	I	REF05	036			
	I	REF05	038			
	I	REF05	039			
	I	REF05	040			
	I	REF05	042			
	I	REF05	043			
	I	REF05	045			
	I	REF05	048			
	I	REF05	049			
	I	REF05	054			
	I	REF05	055			
0START	I	START	109		1/1	
0T1IR05	I	LIN	032		1/1	P/0T1IT05
0T1IT05	I	LIP	132		1/1	P/0T1IR05
0T1OR05	O	LON	024		1/2	P/0T1OT05
0T1OT05	O	LOP	124		1/2	P/0T1OR05
00CP05	I	0CP	148		1/8	
00IDP05	O	0IDP	150		1/8	
00NITP05	O	0NINTP	146		1/8	
00ODP05	I	0ODP	149		1/8	
00PBIN05	O	0PBIN	137		1/10	
00PBON05	I	0PBON	136		1/10	
00SP05	I	0SP	147		1/8	
004MCN05	I	04MCN	139		1/10	
008KSN05	I	08KSN	138		1/10	
11CP21	I	1CP	154		2/8	
11IDP21	O	1IDP	156		2/8	P/GRD04129
11NITP21	O	1KINTP	152		2/8	
11ODP21	I	1ODP	155		2/8	
11PBIN21	O	1PBIN	141		2/10	P/GRD04129
11PBON21	I	1PBON	140		2/10	
11SP21	I	1SP	153		2/8	
114MCN21	I	14MCN	143		2/10	
118KSN21	I	18KSN	142		2/10	

SYMBOL NO. 11 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI05	04-129	MC5D204A1	A	(Z)
SDFI05	04-129	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

PART OF FS 1

SYMBOL(S) 10 11

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
D2	2B

AT&T | SD-5D202-02 | B1CJ

PART OF FS 1

DIGITAL FACILITY INTERFACE, 0 SHELF

SYMBOL NO. 12

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI06	04-139	MC5D204A1	A	(Z)
SDFI06	04-139	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRCERR	019			
	O	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	ADB0	220			
	I	ADB1	221			
	I	ADB2	222			
	I	ADB3	223			
	I	ERD	233			
	I	OBDIR	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
	GRD	GRD	053			
+5V04139	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VA	PWR	-48IN	000			1/1
	PWR	-48IN	100			1/1
	PWR	-48IN	200			1/1
-48VARTN	PWR	-48RTN	001			1/1
	PWR	-48RTN	101			1/1
	PWR	-48RTN	201			1/1
GRD04139	I	LIRST	018			
	GRD	GRD	003			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	203			
	GRD	GRD	215			

SYMBOL NO. 12 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI06	04-139	MC5D204A1	A	(Z)
SDFI06	04-139	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	218			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
GRD13088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD13108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
OPWRON	OT	PWRON	009		1/3	
OREF06	I	REF06	036			
	I	REF06	038			
	I	REF06	039			
	I	REF06	040			
	I	REF06	042			
	I	REF06	043			
	I	REF06	045			
	I	REF06	048			
	I	REF06	049			
	I	REF06	054			
	I	REF06	055			
OSTART	I	START	109		1/1	
OT11R06	I	LIN	032		1/1	P/OT11T06
OT11T06	I	LIP	132		1/1	P/OT11R06
OT10R06	O	LON	024		1/2	P/OT10T06
OT10T06	O	LOP	124		1/2	P/OT10R06
00CP06	I	0CP	148		1/8	
00IDP06	O	0IDP	150		1/8	
00NITP06	O	0NINTP	146		1/8	
00ODP06	I	0ODP	149		1/8	
00PBIN06	O	0PBIN	137		1/10	
00PBON06	I	0PBON	136		1/10	
00SP06	I	0SP	147		1/8	
004MCN06	I	04MCN	139		1/10	
008KSN06	I	08KSN	138		1/10	
11CP22	I	1CP	154		2/8	
11IDP22	O	1IDP	156		2/8	P/GRD04139
11NITP22	O	1KINTP	152		2/8	
11ODP22	I	1ODP	155		2/8	
11PBIN22	O	1PBIN	141		2/10	P/GRD04139
11PBON22	I	1PBON	140		2/10	
11SP22	I	1SP	153		2/8	
114MCN22	I	14MCN	143		2/10	
118KSN22	I	18KSN	142		2/10	

SYMBOL NO. 12 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI06	04-139	MC5D204A1	A	(Z)
SDFI06	04-139	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 13

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI07	04-149	MC5D204A1	A	(Z)
SDFI07	04-149	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRCERR	019			
	O	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	ADB0	220			
	I	ADB1	221			
	I	ADB2	222			
	I	ADB3	223			
	I	ERD	233			
	I	OBDIR	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
	GRD	GRD	053			
+5V04149	O	+5A	207			
	I	VDD2	007			

SYMBOL NO. 13 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI07	04-149	MC5D204A1	A	(Z)
SDFI07	04-149	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	VDD1	107			
-48VA	PWR	-48IN	000			1/1
	PWR	-48IN	100			1/1
	PWR	-48IN	200			1/1
-48VARTN	PWR	-48RTN	001			1/1
	PWR	-48RTN	101			1/1
	PWR	-48RTN	201			1/1
GRD04149	I	LIRST	018			
	GRD	GRD	003			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	203			
	GRD	GRD	215			
	GRD	GRD	218			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
GRD13088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD13108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
OPWRON	OT	PWRON	009		1/3	
OREF07	I	REF07	036			
	I	REF07	038			
	I	REF07	039			
	I	REF07	040			

PART OF FS 1

SYMBOL(S) 12 13

DIGITAL CARRIER LINE UNIT

CHG SIZE	ISSUE
CZ	2B

AT&T	SD-5D202-02	B1CK

PART OF FS 1

DIGITAL FACILITY INTERFACE, 0 SHELF

SYMBOL NO. 13 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI07	04-149	MC5D204A1	A	(Z)
SDFI07	04-149	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	REF07	042			
	I	REF07	043			
	I	REF07	045			
	I	REF07	048			
	I	REF07	049			
	I	REF07	054			
	I	REF07	055			
0START	I	START	109	1/1		
0T11R07	I	LIN	032	1/1		P/0T11T07
0T11T07	I	LIP	132	1/1		P/0T11R07
0T10R07	O	LON	024	1/2		P/0T10T07
0T10T07	O	LOP	124	1/2		P/0T10R07
00CP07	I	0CP	148	1/8		
00IDP07	O	0IDP	150	1/8		
00NITP07	O	0NINTP	146	1/8		
000DP07	I	0ODP	149	1/8		
00PBIN07	O	0PBIN	137	1/10		
00PBON07	I	0PBON	136	1/10		
00SP07	I	0SP	147	1/8		
004MCN07	I	04MCN	139	1/10		
008KSN07	I	08KSN	138	1/10		
11CP23	I	1CP	154	2/8		
11IDP23	O	1IDP	156	2/8		P/GRD04149
11NITP23	O	1KINTP	152	2/8		
11ODP23	I	1ODP	155	2/8		
11PBIN23	O	1PBIN	141	2/10		P/GRD04149
11PBON23	I	1PBON	140	2/10		
11SP23	I	1SP	153	2/8		
114MCN23	I	14MCN	143	2/10		
118KSN23	I	18KSN	142	2/10		

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 14

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI08	04-159	MC5D204A1	A	(Z)
SDFI08	04-159	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	-5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRCERR	019			
	O	PCM20N	034			
	O	-5A	106			
	O	XSYNC	111			
	O	LINCLK0	117			
	O	PCM10N	134			

SYMBOL NO. 14 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI08	04-159	MC5D204A1	A	(Z)
SDFI08	04-159	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	210			
	I	EMALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	ADB0	220			
	I	ADB1	221			
	I	ADB2	222			
	I	ADB3	223			
	I	ERD	233			
	I	DBDIR	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
	GRD	GRD	053			
+5V04159	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VA	PWR	-48IN	000			1/1
	PWR	-48IN	100			1/1
	PWR	-48IN	200			1/1
-48VARTN	PWR	-48RTN	001			1/1
	PWR	-48RTN	101			1/1
	PWR	-48RTN	201			1/1
GRD04159	I	LIRST	018			
	GRD	GRD	003			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	203			
	GRD	GRD	215			
	GRD	GRD	213			
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			

NOTE 1

SYMBOL NO. 14 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI08	04-159	MC5D204A1	A	(Z)
SDFI08	04-159	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
GRD13088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD13108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
0PWRON	OT	PWRON	009		1/3	
OREF08	I	REF08	036			
	I	REF08	038			
	I	REF08	039			
	I	REF08	040			
	I	REF08	042			
	I	REF08	043			
	I	REF08	045			
	I	REF08	048			
	I	REF08	049			
	I	REF08	054			
	I	REF08	055			
0START	I	START	109	1/1		
0T11R08	I	LIN	032	1/1		P/0T11T08
0T11T08	I	LIP	132	1/1		P/0T11R08
0T10R08	O	LON	024	1/2		P/0T10T08
0T10T08	O	LOP	124	1/2		P/0T10R08
00CP08	I	0CP	148	1/8		
00IDP08	O	0IDP	150	1/8		
00NITP08	O	0NINTP	146	1/8		
000DP08	I	0ODP	149	1/8		
00PBIN08	O	0PBIN	137	1/10		
00PBON08	I	0PBON	136	1/10		
00SP08	I	0SP	147	1/8		
004MCN08	I	04MCN	139	1/10		
008KSN08	I	08KSN	138	1/10		
11CP24	I	1CP	154	2/8		
11IDP24	O	1IDP	156	2/8		P/GRD04159
11NITP24	O	1KINTP	152	2/8		
11ODP24	I	1ODP	155	2/8		
11PBIN24	O	1PBIN	141	2/10		P/GRD04159
11PBON24	I	1PBON	140	2/10		
11SP24	I	1SP	153	2/8		
114MCN24	I	14MCN	143	2/10		
118KSN24	I	18KSN	142	2/10		

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

PART OF FS 1

SYMBOL(S) 13 14

DIGITAL CARRIER LINE UNIT

DWG SIZE C2 | ISSUE 2B

AT&T | SD-5D202-02 | B1CL

PART OF FS 1

DIGITAL FACILITY INTERFACE, 0 SHELF

SYMBOL NO. 15

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI09	04-169	MC5D204A1	A	(Z)
SDFI09	04-169	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRCERR	019			
	O	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLK0	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	-5A	206			
	I	DA8	020			
	I	DA9	021			
	I	DA10	022			
	I	DA11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	ADB0	220			
	I	ADB1	221			
	I	ADB2	222			
	I	ADB3	223			
	I	ERD	233			
	I	OBDIR	234			
	I	64SEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
+5V04169	GRD	GRD	053			
	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VA	PWR	-48IN	000			1/1
	PWR	-48IN	100			1/1
	PWR	-48IN	200			1/1
-48VARTN	PWR	-48RTN	001			1/1
	PWR	-48RTN	101			1/1
	PWR	-48RTN	201			1/1
GRD04169	I	LIRST	018			
	GRD	GRD	003			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	203			
	GRD	GRD	215			

SYMBOL NO. 15 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI09	04-169	MC5D204A1	A	(Z)
SDFI09	04-169	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	218			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
GRD13088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD13108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
0PWRON	OT	PWRON	009		1/3	
0REF09	I	REF09	036			
	I	REF09	038			
	I	REF09	039			
	I	REF09	040			
	I	REF09	042			
	I	REF09	043			
	I	REF09	045			
	I	REF09	048			
	I	REF09	049			
	I	REF09	054			
	I	REF09	055			
0START	I	START	109		1/1	
0T1IR09	I	LIN	032		1/1	P/0T1IT09
0T1IT09	I	LIP	132		1/1	P/0T1IR09
0T1OR09	O	LON	024		1/2	P/0T1OT09
0T1OT09	O	LOP	124		1/2	P/0T1OR09
00CP09	I	0CP	148		1/8	
00IDP09	O	0IDP	150		1/8	
00NITP09	O	0NINTP	146		1/8	
00ODP09	I	0ODP	149		1/8	
00PBIN09	G	0PBIN	137		1/10	
00PBCN09	I	0PBCN	136		1/10	
00SP09	I	0SP	147		1/8	
004MCN09	I	04MCN	139		1/10	
008KSN09	I	08KSN	138		1/10	
11CP25	I	1CP	154		2/8	
11IDP25	O	1IDP	156		2/8	P/GRD04169
11NITP25	O	1KINTP	152		2/8	
11ODP25	I	1ODP	155		2/8	
11PBIN25	O	1PBIN	141		2/10	P/GRD04169
11PBCN25	I	1PBCN	140		2/10	
11SP25	I	1SP	153		2/8	
114MCN25	I	14MCN	143		2/10	
118KSN25	I	18KSN	142		2/10	

SYMBOL NO. 15 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI09	04-169	MC5D204A1	A	(Z)
SDFI09	04-169	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

PART OF FS 1
SYMBOL(S) 15

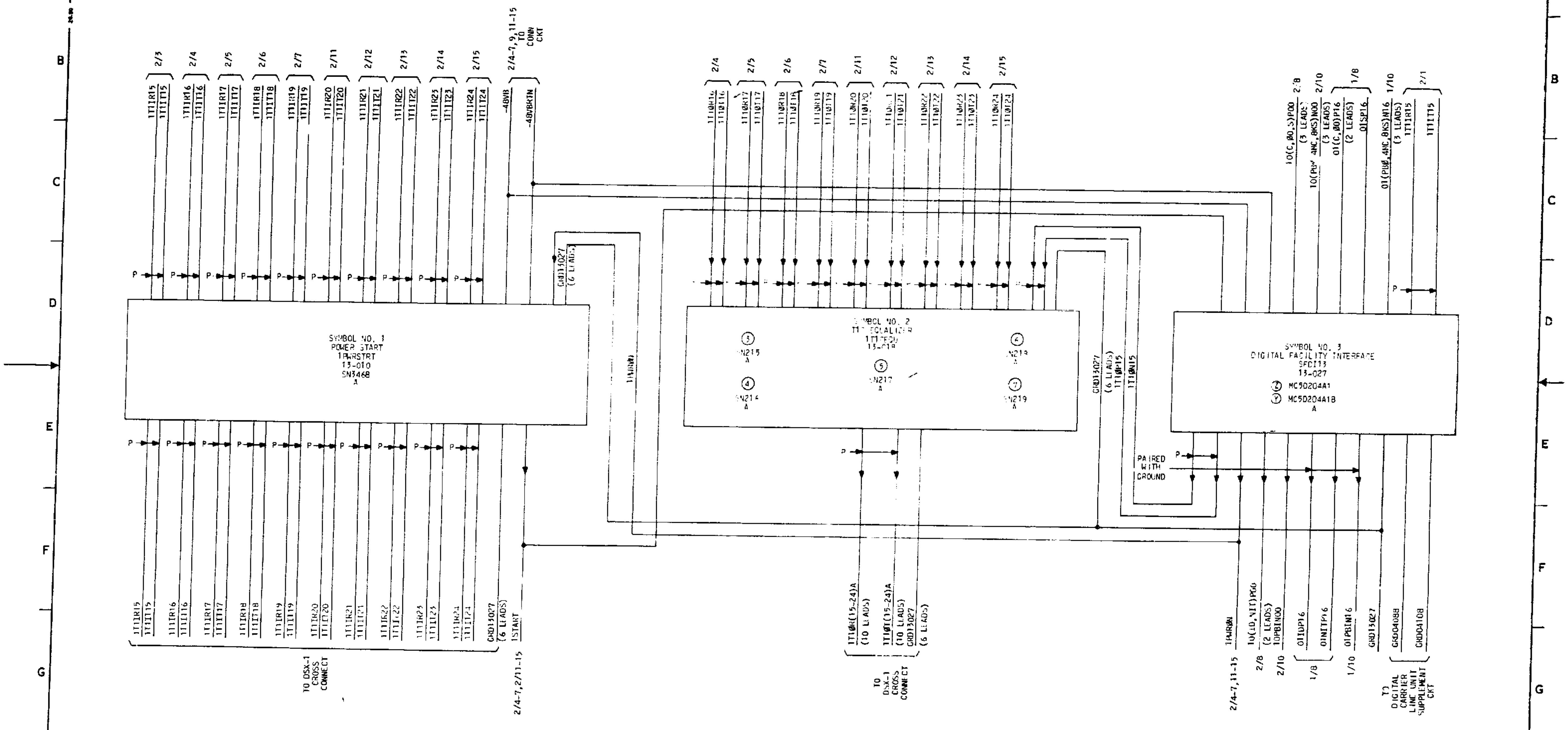
DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
D2	2B

AT&T	SD-5D202-02	B1CM

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF
(P/O INTERCONNECTION & FLOW DIAGRAM)
(SEE NOTE 305)



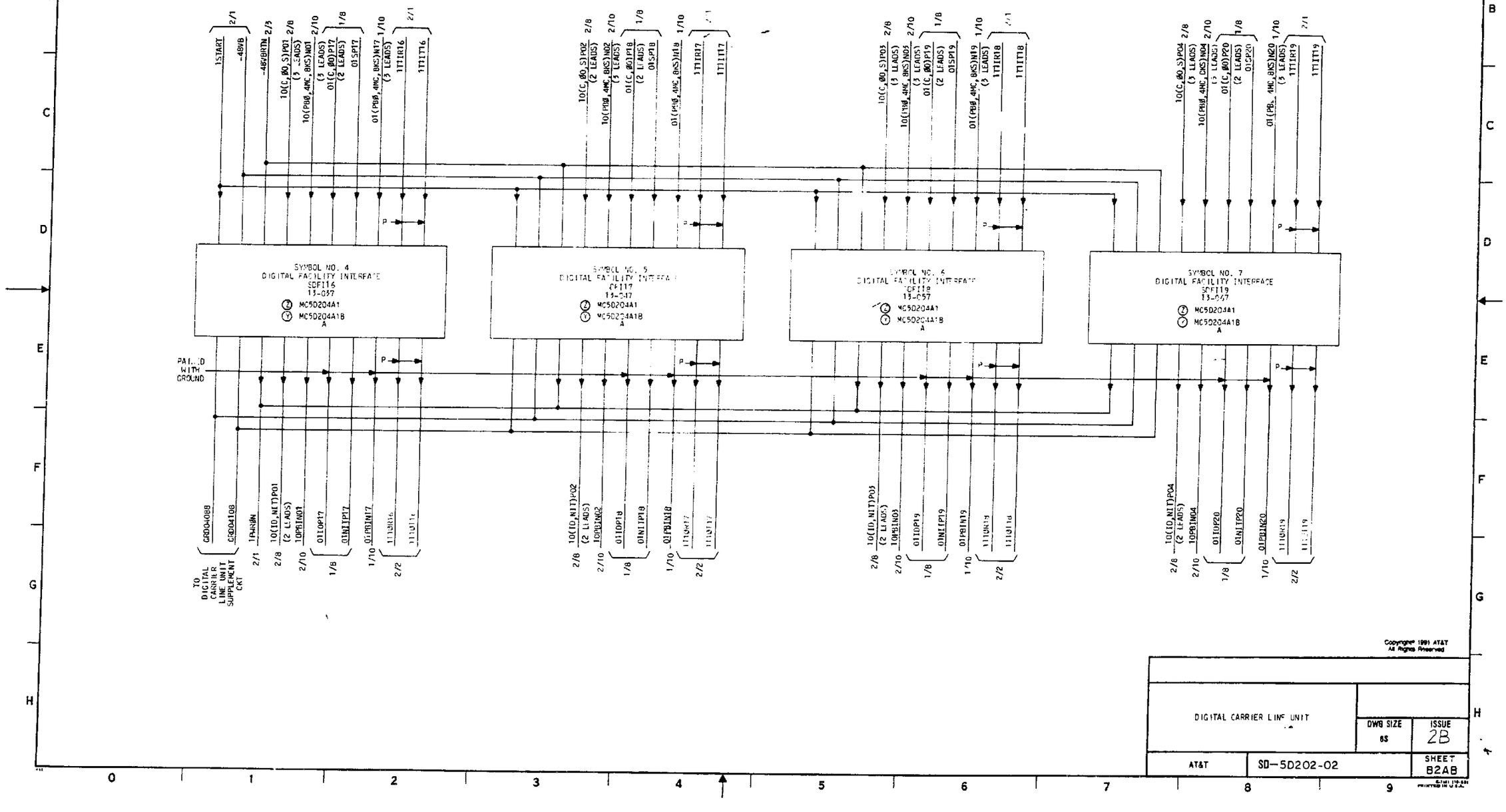
DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
6S	2B

AT&T SD-50202-02 SHEET B2AA

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF
(P/O INTERCONNECTION & FLOW DIAGRAM)



DIGITAL CARRIER LINE UNIT		DWG SIZE 6S	ISSUE 2B
AT&T	SD-5D202-02		SHEET B2AB

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF
(P/O INTERCONNECTION & FLOW DIAGRAM)

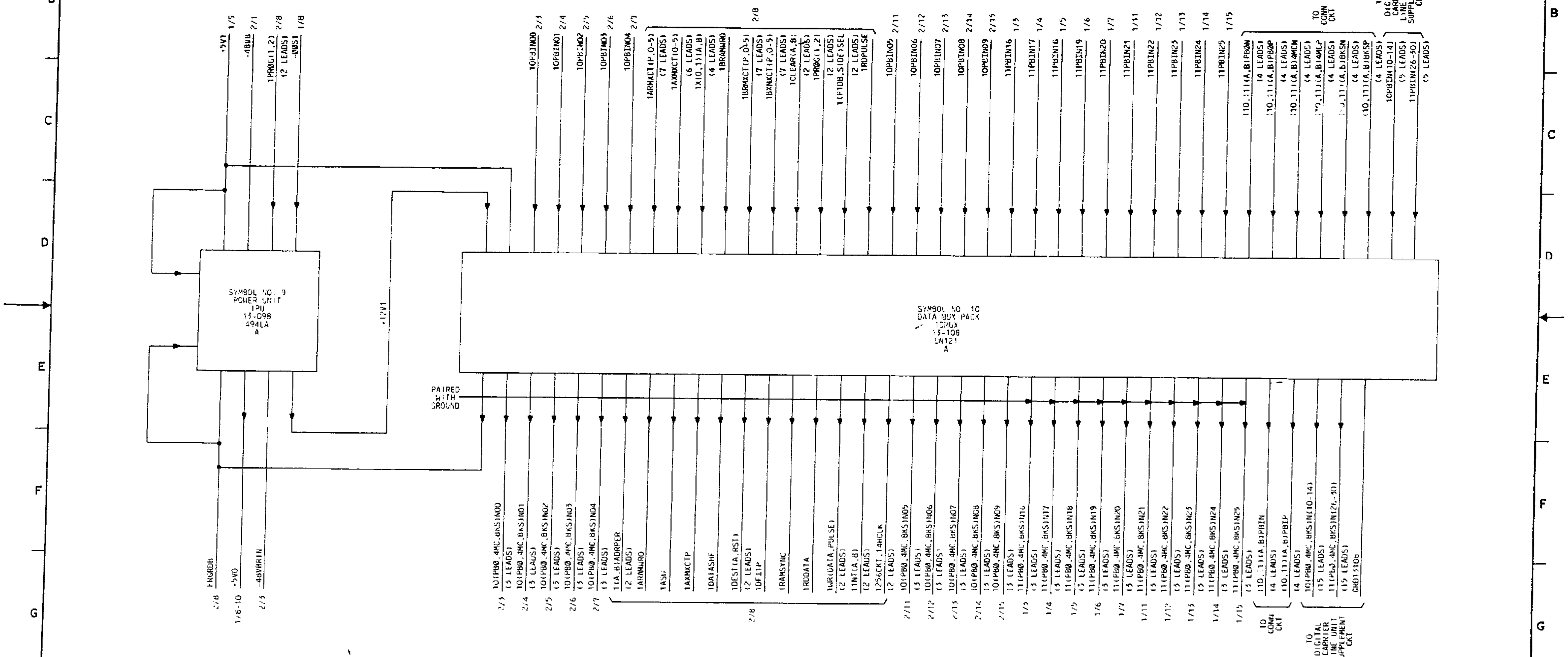
SYMBOL NO. 8
CONTROL MUX
1CMUX
13-088
UN120
A

PAIRED WITH GROUND

DIGITAL CARRIER LINE UNIT		DWG SIZE: B5	ISSUE: —
AT&T	SD-5D202-02		SHEET: B2AC

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF
(P/O INTERCONNECTION & FLOW DIAGRAM)



DIGITAL CARRIER LINE UNIT		DWG SIZE BS	ISSUE 1
AT&T	SD-5D202-02		SHEET B2AD

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF
(P/O INTERCONNECTION & FLOW DIAGRAM)

SYMBOL NO. 11
DIGITAL FACILITY INTERFACE
SDFI20
13-129
Z MC5D204A1
Y MC5D204A1B
A

SYMBOL NO. 12
DIGITAL FACILITY INTERFACE
SDFI21
13-139
Z MC5D204A1
Y MC5D204A1B
A

SYMBOL NO. 13
DIGITAL FACILITY INTERFACE
SDFI22
13-149
Z MC5D204A1
Y MC5D204A1B
A

SYMBOL NO. 14
DIGITAL FACILITY INTERFACE
SDFI23
13-159
Z MC5D204A1
Y MC5D204A1B
A

SYMBOL NO. 15
DIGITAL FACILITY INTERFACE
SDFI24
13-169
Z MC5D204A1
Y MC5D204A1B
A

PAIRED WITH GROUND

TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT

DIGITAL CARRIER LINE UNIT

AT&T	SD-5D202-02	SIZE 8S	ISSUE 2B	SHEET B2AE

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF

SYMBOL NO. 1

POWER START

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1PWRSTRT	13-010	SN346B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	STARTB	011			
	I	PWRB	111			
-48VB	PWR	-48VB	002		2/1	
	PWR	-48VA	100		2/1	
	PWR	-48VB	102		2/1	
	PWR	-48VA	000		TO CONN CKT 2/3,2/4 2/5,2/6 2/7,2/9 2/11,2/12 2/13,2/14 2/15	
-48VBRTN	GRD	-48RTNA	001		2/1 TO CONN CKT	
	GRD	-48RTNA	101		2/1	
	GRD	-48RTNB	103		2/1	
	GRD	-48RTNB	003		2/3,2/4 2/5,2/6 2/7,2/9 2/11,2/12 2/13,2/14 2/15	
GRD13027	GRD	GRD	051		2/1 TO DSX-1 CROSS CONNECT	NOTE 1
	GRD	GRD	053		2/1 TO DSX-1 CROSS CONNECT	NOTE 1
	GRD	GRD	054		2/1 TO DSX-1 CROSS CONNECT	NOTE 1
	GRD	GRD	055		2/1 TO DSX-1 CROSS CONNECT	NOTE 1
	GRD	GRD	056		2/1 TO DSX-1 CROSS CONNECT	NOTE 1
	GRD	GRD	052		2/2 2/3 TO DSX-1 CROSS CONNECT 2/3 2/3,2/4 2/5,2/6 2/7,2/11 2/12,2/13 2/14,2/15	NOTE 1
1PWRON 1START	I	PWRA	109			
	O	STARTA	009			
1T11R15	I		015		2/3 TO DSX-1 CROSS CONNECT	P/1T11T15 NOTE 1
1T11R16	I		017		2/4 TO DSX-1 CROSS CONNECT	P/1T11T16 NOTE 1
1T11R17	I		021		2/5 TO DSX-1 CROSS CONNECT	P/1T11T17 NOTE 1
1T11R18	I		023		2/6 TO DSX-1 CROSS CONNECT	P/1T11T18 NOTE 1
1T11R19	I		034		2/7 TO DSX-1 CROSS CONNECT	P/1T11T19 NOTE 1
1T11R20	I		036		2/11 TO DSX-1 CROSS CONNECT	P/1T11T20 NOTE 1
1T11R21	I		040		2/12 TO DSX-1 CROSS CONNECT	P/1T11T21 NOTE 1
1T11R22	I		042		2/13 TO DSX-1 CROSS CONNECT	P/1T11T22 NOTE 1
1T11R23	I		047		2/14 TO DSX-1 CROSS CONNECT	P/1T11T23 NOTE 1

SYMBOL NO. 1 (CONT)

POWER START

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1PWRSTRT	13-010	SN346B	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1T11R24	I		049		2/15 TO DSX-1 CROSS CONNECT	P/1T11T24 NOTE 1
1T11T15	I		016		2/3 TO DSX-1 CROSS CONNECT	P/1T11R15 NOTE 1
1T11T16	I		018		2/4 TO DSX-1 CROSS CONNECT	P/1T11R16 NOTE 1
1T11T17	I		022		2/5 TO DSX-1 CROSS CONNECT	P/1T11R17 NOTE 1
1T11T18	I		024		2/6 TO DSX-1 CROSS CONNECT	P/1T11R18 NOTE 1
1T11T19	I		035		2/7 TO DSX-1 CROSS CONNECT	P/1T11R19 NOTE 1
1T11T20	I		037		2/11 TO DSX-1 CROSS CONNECT	P/1T11R20 NOTE 1
1T11T21	I		041		2/12 TO DSX-1 CROSS CONNECT	P/1T11R21 NOTE 1
1T11T22	I		043		2/13 TO DSX-1 CROSS CONNECT	P/1T11R22 NOTE 1
1T11T23	I		048		2/14 TO DSX-1 CROSS CONNECT	P/1T11R23 NOTE 1
1T11T24	I		050		2/15 TO DSX-1 CROSS CONNECT	P/1T11R24 NOTE 1

NOTE(S):

1. THESE TERMINALS ARE UNUSED ON THE SN346B POWER START CIRCUIT PACK, BUT ARE USED VIA CABLING DIRECTLY TO THE DSX-1 EQUIPMENT. (SEE NOTE 305)

SYMBOL NO. 2

T1C EQUALIZER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1T1CEQU	13-018	SN346B	A	(3)
1T1CEQU	13-018	SN216	A	(4)
1T1CEQU	13-018	SN217	A	(5)
1T1CEQU	13-018	SN218	A	(6)
1T1CEQU	13-018	SN219	A	(7)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	R0	013			
	O	T0	014			
	O	R3	019			
	O	T3	020			
	O	R6	032			
	O	T6	033			
	O	R9	038			
	O	T9	039			
	O	R12	045			

SYMBOL NO. 2 (CONT)

T1C EQUALIZER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1T1CEQU	13-018	SN346B	A	(3)
1T1CEQU	13-018	SN216	A	(4)
1T1CEQU	13-018	SN217	A	(5)
1T1CEQU	13-018	SN218	A	(6)
1T1CEQU	13-018	SN219	A	(7)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	O	T12	046			
	I	R0	113			
	I	T0	114			
	I	R3	119			
	I	T3	120			
	I	R6	132			
	I	T6	133			
	I	R9	138			
	I	T9	139			
	I	R12	145			
	I	T12	146			
GRD13027	GRD	GRD	051		2/1 TO DSX-1 CROSS CONNECT	
	GRD	GRD	052		2/1 TO DSX-1 CROSS CONNECT	
	GRD	GRD	053		2/1 TO DSX-1 CROSS CONNECT	
	GRD	GRD	054		2/1 TO DSX-1 CROSS CONNECT	
	GRD	GRD	055		2/1 TO DSX-1 CROSS CONNECT	
	GRD	GRD	056		2/1 TO DSX-1 CROSS CONNECT 2/3	
1T10R15	I	R1	115		TO DSX-1 CROSS CONNECT	P/1T10T15A
1T10R15A	O	R1	015		2/4 TO DSX-1 CROSS CONNECT	P/1T10T16A
1T10R16	I	R2	117		2/5 TO DSX-1 CROSS CONNECT	P/1T10T17A
1T10R16A	O	R2	017		2/6 TO DSX-1 CROSS CONNECT	P/1T10T18A
1T10R17	I	R4	121		2/7 TO DSX-1 CROSS CONNECT	P/1T10T19A
1T10R17A	O	R4	021		2/11 TO DSX-1 CROSS CONNECT	P/1T10T20A
1T10R18	I	R5	123		2/12 TO DSX-1 CROSS CONNECT	P/1T10T21A
1T10R18A	O	R5	023		2/13 TO DSX-1 CROSS CONNECT	P/1T10T22A
1T10R19	I	R7	134		2/14 TO DSX-1 CROSS CONNECT	P/1T10T23A
1T10R19A	O	R7	034		2/15 TO DSX-1 CROSS CONNECT	P/1T10T24A
1T10R20	I	R8	136		2/3 TO DSX-1 CROSS CONNECT	P/1T10R15A
1T10R20A	O	R8	036		2/4 TO DSX-1 CROSS CONNECT	P/1T10R16A
1T10R21	I	R10	140		2/5 TO DSX-1 CROSS CONNECT	P/1T10R17A
1T10R21A	O	R10	040		2/6 TO DSX-1 CROSS CONNECT	P/1T10R18A
1T10R22	I	R11	142		2/7 TO DSX-1 CROSS CONNECT	P/1T10R19A
1T10R22A	O	R11	042		2/11 TO DSX-1 CROSS CONNECT	P/1T10R20A
1T10R23	I	R13	147		2/12 TO DSX-1 CROSS CONNECT	P/1T10R21A
1T10R23A	O	R13	047		2/13 TO DSX-1 CROSS CONNECT	P/1T10R22A
1T10R24	I	R14	149		2/14 TO DSX-1 CROSS CONNECT	P/1T10R23A
1T10R24A	O	R14	049		2/15 TO DSX-1 CROSS CONNECT	P/1T10R24A
1T10T15	I	T1	116			
1T10T15A	O	T1	016			

SYMBOL NO. 2 (CONT)

T1C EQUALIZER

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1T1CEQU	13-018	SN346B	A	(3)
1T1CEQU	13-018	SN216	A	(4)
1T1CEQU	13-018	SN217	A	(5)
1T1CEQU	13-018	SN218	A	(6)
1T1CEQU	13-018	SN219	A	(7)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1T10T16	I	T2	118		2/4 TO DSX-1 CROSS CONNECT	P/1T10R16A
1T10T16A	O	T2	018		2/5 TO DSX-1 CROSS CONNECT	P/1T10R17A
1T10T17	I	T4	127		2/6 TO DSX-1 CROSS CONNECT	P/1T10R18A
1T10T17A	O	T4	022		2/7 TO DSX-1 CROSS CONNECT	P/1T10R19A
1T10T18	I	T5	129		2/11 TO DSX-1 CROSS CONNECT	P/1T10R20A
1T10T18A	O	T5	024		2/12 TO DSX-1 CROSS CONNECT	P/1T10R21A
1T10T19	I	T7	135		2/13 TO DSX-1 CROSS CONNECT	P/1T10R22A
1T10T19A	O	T7	035		2/14 TO DSX-1 CROSS CONNECT	P/1T10R23A
1T10T20	I	T8	137		2/15 TO DSX-1 CROSS CONNECT	P/1T10R24A
1T10T20A	O	T8	037			
1T10T21	I	T10	141			
1T10T21A	O	T10	041			
1T10T22	I	T11	143			
1T10T22A	O	T11	043			
1T10T23	I	T13	148			
1T10T23A	O	T13	048			
1T10T24	I	T14	150			
1T10T24A	O	T14	050			

PART OF FS 2
SYMBOL(S) 1 2

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
D	1

AT&T	SD-5D202-02	B2CA

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PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF

SYMBOL NO. 3

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI15	13-027	MC5D204A1	A	(Z)
SDFI15	13-027	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRCERR	019			
	O	PCM20N	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLK0	117			
	O	PCM10N	134			
	O	+5A	205			
	O	+5A	206			
	I	DA8	020			
	I	DA9	021			
	I	DA10	022			
	I	DA11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	ICE1	214			
	I	ADB0	220			
	I	ADB1	221			
	I	ADB2	222			
	I	ADB3	223			
	I	ERD	233			
	I	DBDIR	234			
	I	BUSE.	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
	GRD	GRD	053			
+5V13027	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VB	PWR	-48IN	000		2/1	
	PWR	-48IN	100		2/1	
-48VBRTN	PWR	-48IN	200		2/1	
	PWR	-48RTN	001		2/1	
	PWR	-48RTN	101		2/1	
	PWR	-48RTN	201		2/1	
GRD04088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD04108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
GRD13027	GRD	GRD	003			NOTE 1

SYMBOL NO. 3 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI15	13-027	MC5D204A1	A	(Z)
SDFI15	13-027	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	035			
	GRD	GRD	044			NOTE 2
	GRD	GRD	046			
	GRD	GRD	051			NOTE 2
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			NOTE 2
	GRD	GRD	135			
	GRD	GRD	144			NOTE 2
	GRD	GRD	151			NOTE 2
	GRD	GRD	203			
	GRD	GRD	215			
	GRD	GRD	218			
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
01CP16	I	LIRST	018		2/1	NOTE 2
01IDP16	I	ICP	154		1/8	
	O	IIDP	156		1/8	P/GRD04027
01INITP16	O	IKINTP	152		1/8	
01ODP16	I	IODP	155		1/8	
01PBIN16	O	IPBIN	141		1/10	P/GRD04027
01PBON16	I	IPBON	140		1/10	
01SP16	I	ISP	153		1/8	
014MCN16	I	I4MCN	143		1/10	
018KSN16	I	I8KSN	142		1/10	
1PHRON	OT	PHRON	009		2/4,2/5 2/6,2/7 2/11,2/12 2/13,2/14 2/15 2/1	
1REF00	I	REF00	036			
	I	REF00	038			
	I	REF00	039			
	I	REF00	040			
	I	REF00	042			
	I	REF00	043			
	I	REF00	045			
	I	REF00	048			
	I	REF00	049			
	I	REF00	054			
	I	REF00	055			
1START	I	START	109		2/1	
1T1IR15	I	LIN	032		2/1	P/1T1IT15
1T1IT15	I	LIP	132		2/1	
1T1OR15	O	LON	024		2/2	P/1T1IR15
1T1OT15	O	LOP	124		2/2	P/1T1OT15
10CP00	I	OCP	148		2/8	P/1T1OR15
10IDP00	O	OIDP	150		2/8	
10NITP00	O	ONINTP	146		2/8	

SYMBOL NO. 3 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI15	13-027	MC5D204A1	A	(Z)
SDFI15	13-027	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
10ODP00	I	OODP	149		2/8	
10PBINOO	O	OPBIN	137		2/10	
10PBONOO	I	OPBON	136		2/10	
10SP00	I	OSP	147		2/8	
104MCNOO	I	O4MCN	139		2/10	
108KSNOO	I	O8KSN	138		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN THISTED PAIR WITH A SIGNAL NET
2. TWO GRD WIRES LEAVE THIS POINT

SYMBOL NO. 4

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI16	13-037	MC5D204A1	A	(Z)
SDFI16	13-037	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRCERR	019			
	O	PCM20N	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM10N	134			
	O	+5A	205			
	O	+5A	206			
	I	DA8	020			
	I	DA9	021			
	I	DA10	022			
	I	DA11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	ICE1	214			
	I	ADB0	220			
	I	ADB1	221			
	I	ADB2	222			
	I	ADB3	223			
	I	ERD	233			

SYMBOL NO. 4 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI16	13-037	MC5D204A1	A	(Z)
SDFI16	13-037	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	DBDIR	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
	GRD	GRD	053			
+5V13037	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VB	PWR	-48IN	000		2/1	
	PWR	-48IN	100		2/1	
-48VBRTN	PWR	-48IN	200		2/1	
	PWR	-48RTN	001		2/1	
	PWR	-48RTN	101		2/1	
	PWR	-48RTN	201		2/1	
GRD04088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD04108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
GRD13037	I	LIRST	018			
	GRD	GRD	003			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	203			
	GRD	GRD	215			
	GRD	GRD	218			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			

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SYMBOL(S) 3 4

DIGITAL CARRIER LINE UNIT

DWG SIZE: C2

ISSUE: 2B

AT&T | SD-5D202-02 | B2CB

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PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF

SYMBOL NO. 4 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI16	13-037	MC5D204A1	A	(Z)
SDFI16	13-037	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
01CP17	I	1CP	154		1/8	
01IDP17	O	1IDP	156		1/8	P/GRD04037
01NITP17	O	1KINTP	152		1/8	
01ODP17	I	1ODP	155		1/8	
01PBIN17	O	1PBIN	141		1/10	P/GRD04037
01PBON17	I	1PBON	140		1/10	
01SP17	I	1SP	153		1/8	
014MCN17	I	14MCN	143		1/10	
018KSN17	I	18KSN	142		1/10	
1PWRON	OT	PWRON	009		2/3	
1REF01	I	REF01	036			
	I	REF01	038			
	I	REF01	039			
	I	REF01	040			
	I	REF01	042			
	I	REF01	043			
	I	REF01	045			
	I	REF01	048			
	I	REF01	049			
	I	REF01	054			
	I	REF01	055			
1START	I	START	109		2/1	
1T1IR16	I	LIN	032		2/1	P/1T1IT16
1T1IT16	I	LIP	132		2/1	P/1T1IR16
1T1OR16	O	LON	024		2/2	P/1T1OT16
1T1OT16	O	LOP	124		2/2	P/1T1OR16
10CP01	I	OCP	148		2/8	
10IDP01	O	OIDP	150		2/8	
10NITP01	O	ONINTP	146		2/8	
10ODP01	I	OODP	149		2/8	
10PBIN01	O	OPBIN	137		2/10	
10PBON01	I	OPBON	136		2/10	
10SP01	I	OSP	147		2/8	
104MCN01	I	O4MCN	139		2/10	
108KSN01	I	O8KSN	138		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 5

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI17	13-047	MC5D204A1	A	(Z)
SDFI17	13-047	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
MC	O	+5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRCERR	019			
	O	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	ADB0	220			
	I	ADB1	221			
	I	ADB2	222			
	I	ADB3	223			
	I	ERD	233			
	I	DBOIR	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
	GRD	GRD	053			
+5V13047	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VB	PWR	-48IN	000		2/1	
	PWR	-48IN	100		2/1	
	PWR	-48IN	200		2/1	
-48VBRTN	PWR	-48RTN	001		2/1	
	PWR	-48RTN	101		2/1	
	PWR	-48RTN	201		2/1	
GRD04088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD04108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
GRD13047	I	LIRST	018			

SYMBOL NO. 5 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI17	13-047	MC5D204A1	A	(Z)
SDFI17	13-047	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	003			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	203			
	GRD	GRD	215			
	GRD	GRD	218			
	GRD	GRD	239			NOTE 1
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
01CP18	I	1CP	154		1/8	
01IDP18	O	1IDP	156		1/8	P/GRD04047
01NITP18	O	1KINTP	152		1/8	
01ODP18	I	1ODP	155		1/8	
01PBIN18	O	1PBIN	141		1/10	P/GRD04047
01PBON18	I	1PBON	140		1/10	
01SP18	I	1SP	153		1/8	
014MCN18	I	14MCN	143		1/10	
018KSN18	I	18KSN	142		1/10	
1PWRON	OT	PWRON	009		2/3	
1REF02	I	REF02	036			
	I	REF02	038			
	I	REF02	039			
	I	REF02	040			
	I	REF02	042			
	I	REF02	043			
	I	REF02	045			
	I	REF02	048			
	I	REF02	049			
	I	REF02	054			
	I	REF02	055			
1START	I	START	109		2/1	
1T1IR17	I	LIN	032		2/1	P/1T1IT17
1T1IT17	I	LIP	132		2/1	P/1T1IR17
1T1OR17	O	LON	024		2/2	P/1T1OT17
1T1OT17	O	LOP	124		2/2	P/1T1OR17
10CP02	I	OCP	148		2/8	
10IDP02	O	OIDP	150		2/8	
10NITP02	O	ONINTP	146		2/8	
10ODP02	I	OODP	149		2/8	
10PBIN02	O	OPBIN	137		2/10	
10PBON02	I	OPBON	136		2/10	
10SP02	I	OSP	147		2/8	
104MCN02	I	O4MCN	139		2/10	
108KSN02	I	O8KSN	138		2/10	

SYMBOL NO. 5 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI17	13-047	MC5D204A1	A	(Z)
SDFI17	13-047	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

PART OF FS 2
SYMBOL(S) 4 5

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
D2	2B

AT&T	SD-5D202-02	B2CC

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PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF

SYMBOL NO. 6

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI18	13-057	MC5D204A1	A	(Z)
SDFI18	13-057	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRCERR	019			
	O	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	OA8	020			
	I	OA9	021			
	I	OA10	022			
	I	OA11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	ICE1	214			
	I	ADB0	220			
	I	ADB1	221			
	I	ADB2	222			
	I	ADB3	223			
	I	ERD	233			
	I	DBDIR	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
	GRD	GRD	053			
+5V13057	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VB	PWR	-48IN	000		2/1	
	PWR	-48IN	100		2/1	
	PWR	-48IN	200		2/1	
-48VBRTN	PWR	-48RTN	001		2/1	
	PWR	-48RTN	101		2/1	
	PWR	-48RTN	201		2/1	
GRD04088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD04108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
GRD13057	I	LIRST	018			

SYMBOL NO. 6 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI18	13-057	MC5D204A1	A	(Z)
SDFI18	13-057	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	003			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	203			
	GRD	GRD	215			
	GRD	GRD	218			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
01CP19	I	1CP	154	1/8		
01IDP19	O	1IDP	156	1/8		P/GRD04057
01NITP19	O	1KINTP	152	1/8		
01ODP19	I	1ODP	155	1/8		
01PBIN19	O	1PBIN	141	1/10		P/GRD04057
01PBON19	I	1PBON	140	1/10		
01SP19	I	1SP	153	1/8		
014MCN19	I	14MCN	143	1/10		
018KSN19	I	18KSN	142	1/10		
1PWRON	OT	PWRON	009	2/3		
1REF03	I	REF03	036			
	I	REF03	038			
	I	REF03	039			
	I	REF03	040			
	I	REF03	042			
	I	REF03	043			
	I	REF03	045			
	I	REF03	048			
	I	REF03	049			
	I	REF03	054			
	I	REF03	055			
1START	I	START	109	2/1		
1T11R18	I	LIN	032	2/1		P/1T11T18
1T11T18	I	LIP	132	2/1		
1T10R18	O	LON	024	2/2		P/1T11R18
1T10T18	O	LOP	124	2/2		P/1T10T18
10CP03	I	OCP	148	2/8		P/1T10R18
10IDP03	O	OIDP	150	2/8		
10NITP03	O	ONINTP	146	2/8		
10ODP03	I	OODP	149	2/8		
10PBIN03	O	OPBIN	137	2/10		
10PBON03	I	OPBON	136	2/10		
10SP03	I	OSP	147	2/8		
104MCN03	I	04MCN	139	2/10		
108KSN03	I	08KSN	138	2/10		

SYMBOL NO. 6 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI18	13-057	MC5D204A1	A	(Z)
SDFI18	13-057	MC5D204A1B	A	(Y)

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 7

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI19	13-067	MC5D204A1	A	(Z)
SDFI19	13-067	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRCERR	019			
	O	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	OA8	020			
	I	OA9	021			
	I	OA10	022			
	I	OA11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	ICE1	214			
	I	ADB0	220			
	I	ADB1	221			
	I	ADB2	222			
	I	ADB3	223			
	I	ERD	233			
	I	DBDIR	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
	GRD	GRD	053			
+5V13067	O	+5A	207			
	I	VDD2	007			

SYMBOL NO. 7 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI19	13-067	MC5D204A1	A	(Z)
SDFI19	13-067	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	VDD1	107			
-48VB	PWR	-48IN	000		2/1	
	PWR	-48IN	100		2/1	
	PWR	-48IN	200		2/1	
-48VBRTN	PWR	-48RTN	001		2/1	
	PWR	-48RTN	101		2/1	
	PWR	-48RTN	201		2/1	
GRD04088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD04108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
GRD13067	I	LIRST	018			
	GRD	GRD	003			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	203			
	GRD	GRD	215			
	GRD	GRD	218			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
01CP20	I	1CP	154	1/8		
01IDP20	O	1IDP	156	1/8		P/GRD04067
01NITP20	O	1KINTP	152	1/8		
01ODP20	I	1ODP	155	1/8		
01PBIN20	O	1PBIN	141	1/10		P/GRD04067

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SYMBOL(S) 6 7

DIGITAL CARRIER LINE UNIT

DWG SIZE C2 | ISSUE 2B

AT&T | SD-5D202-02 | B2CD

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF

SYMBOL NO. 7 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDF119	13-067	MC5D204A1	A	(Z)
SDF119	13-067	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
01PBCN20	I	1PBON	140		1/10	
01SP20	I	1SP	153		1/8	
014MCN20	I	14MCN	143		1/10	
018KSN20	I	18KSN	142		1/10	
1PWRON	OT	PWRON	009		2/3	
1REF04	I	REF04	036			
	I	REF04	038			
	I	REF04	039			
	I	REF04	040			
	I	REF04	042			
	I	REF04	043			
	I	REF04	045			
	I	REF04	048			
	I	REF04	049			
	I	REF04	054			
	I	REF04	055			
1START	I	START	109		2/1	
1T1IR19	I	LIN	032		2/1	P/1T1IT19
1T1IT19	I	LIP	132		2/1	P/1T1IR19
1T1OR19	O	LON	024		2/2	P/1T1OT19
1T1OT19	O	LOP	124		2/2	P/1T1OR19
10CP04	I	OCP	148		2/8	
10IDP04	O	OIDP	150		2/8	
10NITP04	O	ONINTP	146		2/8	
10ODP04	I	ODDP	149		2/8	
10PBIN04	O	OPBIN	137		2/10	
10PBON04	I	OPBON	136		2/10	
10SP04	I	OSP	147		2/8	
104MCN04	I	04MCN	139		2/10	
108KSN04	I	08KSN	138		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 8

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CMUX	13-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	I	TP	032			
	GRD	GRD	212			
	GRD	GRD	452			
+5V1	PWR	+5	000		1/9	
	PWR	+5	100		1/9	
	PWR	+5	200		1/9	
	PWR	+5	300		1/9	
	PWR	+5	400		1/9	
	PWR	+5	500		1/9	

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CMUX	13-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-DDS0	O	DSS	221		1/9	
FRGRD8	GRD	GRD	001		2/9,2/10	
GRD13088	GRD	GRD	005		2/9 TO CONN CKT TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	011			
	GRD	GRD	018			
	GRD	GRD	024			
	GRD	GRD	101			NOTE 1
	GRD	GRD	112			NOTE 1
	GRD	GRD	115			
	GRD	GRD	121			
	GRD	GRD	145			
	GRD	GRD	151			
	GRD	GRD	201			NOTE 1
	GRD	GRD	215			NOTE 1
	GRD	GRD	234			NOTE 1
	GRD	GRD	256			
	GRD	GRD	301			NOTE 1
	GRD	GRD	312			NOTE 1
	GRD	GRD	315			
	GRD	GRD	340			NOTE 1
	GRD	GRD	401			NOTE 1
	GRD	GRD	412			
	GRD	GRD	415			NOTE 1
	GRD	GRD	421			NOTE 1
	GRD	GRD	434			
	GRD	GRD	436			
	GRD	GRD	438			NOTE 1
	GRD	GRD	442			
	GRD	GRD	444			
	GRD	GRD	446			
	GRD	GRD	448			
	GRD	GRD	450			
	GRD	GRD	454			
	GRD	GRD	456			
	GRD	GRD	501			
	GRD	GRD	506			
	GRD	GRD	513			
	GRD	GRD	519			
	GRD	GRD	532			
	GRD	GRD	538			
	GRD	GRD	545			
	GRD	GRD	551			
1AADRPER	I	AADRPER	113		2/10	
1ARAMWRO	OT	ARAMWRO	332		2/10	
1ARMXCTP	O	ARMUXCTP	544		2/10	
1ARMXCT0	O	ARMUXCT0	356		2/10	
1ARMXCT1	O	ARMUXCT1	455		2/10	
1ARMXCT2	O	ARMUXCT2	453		2/10	
1ARMXCT3	O	ARMUXCT3	451		2/10	
1ARMXCT4	O	ARMUXCT4	449		2/10	
1ARMXCT5	O	ARMUXCT5	447		2/10	
1ASW	I	ASW	132		2/10	
1AXMXCTP	OT	AXMUXCTP	232		2/10	
1AXMXCT0	O	AXMUXCT0	124		2/10	
1AXMXCT1	O	AXMUXCT1	123		2/10	
1AXMXCT2	O	AXMUXCT2	122		2/10	
1AXMXCT3	O	AXMUXCT3	222		2/10	

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CMUX	13-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1AXMXCT4	O	AXMUXCT4	223		2/10	
1AXMXCT5	O	AXMUXCT5	224		2/10	
1AX0A	O	AX0A	045		2/10	
1AX0B	O	AX0B	504		2/10	
1AX1A	O	AX1A	051		2/10	
1AX1B	O	AX1B	004		2/10	
1BADRPER	I	BADRPER	114		2/10	
1BRAMWR0	O	BRAMWR0	333		2/10	
1BRMXCTP	O	BRMUXCTP	435		2/10	
1BRMXCT0	O	BRMUXCT0	445		2/10	
1BRMXCT1	O	BRMUXCT1	443		2/10	
1BRMXCT2	O	BRMUXCT2	441		2/10	
1BRMXCT3	O	BRMUXCT3	440		2/10	
1BRMXCT4	O	BRMUXCT4	439		2/10	
1BRMXCT5	O	BRMUXCT5	437		2/10	
1BXMXCTP	O	BXMUXCTP	432		2/10	
1BXMXCT0	O	BXMUXCT0	324		2/10	
1BXMXCT1	O	BXMUXCT1	323		2/10	
1BXMXCT2	O	BXMUXCT2	322		2/10	
1BXMXCT3	O	BXMUXCT3	422		2/10	
1BXMXCT4	O	BXMUXCT4	423		2/10	
1BXMXCT5	O	BXMUXCT5	424		2/10	
1CLEARA	O	CLEARA	314		2/10	
1CLEARB	O	CLEARB	313		2/10	
1DATASHF	OT	DATASHFT	240		2/10	
1DESTAX	OT	DESTAX	433		2/10	
1DESTRST	OT	DESTRST	233		2/10	
1DFILP	I	DFILP	505		2/10	
1PROG1	I	PROG1	503		2/9,2/10	
1PROG2	I	PROG2	003		2/9,2/10	
1P1D8SEL	O	P1D8SEL	213		2/10	
1RAMSYNC	I	RAMSYNC	334		2/10	
1RDDATA	I	RDDATA	512		2/10	
1RDPULSE	O	RDPULSE	012		2/10	
1S1DESEL	O	S1DESEL	214		2/10	
1WRDATA	OT	WRDATA	144		2/10	
1WRPULSE	OT	WRPULSE	044		2/10	
10ACN	I	OACN	048		TO CONN CKT	
10ACP	I	OACP	148		TO CONN CKT	
10AIDN	O	OAIDN	050		TO CONN CKT	
10AIDP	O	OAIDP	150		TO CONN CKT	
10ANINTN	O	OANINTN	046		TO CONN CKT	
10ANINTP	O	OANINTP	146		TO CONN CKT	
10AODN	I	OADN	049		TO CONN CKT	
10AODP	I	OADP	149		TO CONN CKT	
10ASN	I	OASN	047		TO CONN CKT	
10ASP	I	OASP	147		TO CONN CKT	
10BCN	I	OBCN	035		TO CONN CKT	
10BCP	I	OBCP	135		TO CONN CKT	
10BIDN	O	OBIDN	037		TO CONN CKT	
10BIDP	O	OBIDP	137		TO CONN CKT	
10BNINTN	O	OBNINTN	033		TO CONN CKT	
10BNINTP	O	OBNINTP	133		TO CONN CKT	
10BODN	I	OBODN	036		TO CONN CKT	
10BODP	I	OBODP	136		TO CONN CKT	
10BSN	I	OBSN	034		TO CONN CKT	
10BSP	I	OBSP	134		TO CONN CKT	
10CP00	O	CO	109		2/3	
10CP01	O	C1	118		2/4	
10CP02	O	C2	243		2/5	

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CMUX	13-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
10CP03	O	C3	253		2/6	
10CP04	O	C4	248		2/7	
10CP05	O	C5	348		2/11	
10CP06	O	C6	353		2/12	
10CP07	O	C7	343		2/13	
10CP08	O	C8	318		2/14	
10CP09	O	C9	309		2/15	
10CP10	O	C10	008		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10CP11	O	C11	015		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10CP12	O	C12	021		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10CP13	O	C13	548		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10CP14	O	C14	554		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10IDP00	I	R0	111		2/3	
10IDP01	I	R1	129		2/4	
10IDP02	I	R2	245		2/5	
10IDP03	I	R3	255		2/6	
10IDP04	I	R4	250		2/7	
10IDP05	I	R5	350		2/11	
10IDP06	I	R6	355		2/12	
10IDP07	I	R7	345		2/13	
10IDP08	I	R8	320		2/14	
10IDP09	I	R9	311		2/15	
10IDP10	I	R10	006		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10IDP11	I	R11	013		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10IDP12	I	R12	019		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10IDP13	I	R13	550		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10IDP14	I	R14	556		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	

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SYMBOL(S) 7 8

DIGITAL CARRIER LINE UNIT

DWG SIZE: D

ISSUE: 2B

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DIGITAL FACILITY INTERFACE, 1 SHELF

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CMUX	13-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
10NITP00	I	I0	107		2/3	
10NITP01	I	I1	116		2/4	
10NITP02	I	I2	241		2/5	
10NITP03	I	I3	251		2/6	
10NITP04	I	I4	246		2/7	
10NITP05	I	I5	346		2/11	
10NITP06	I	I6	351		2 12	
10NITP07	I	I7	341		2/13	
10NITP08	I	I8	316		2/14	
10NITP09	I	I9	307		2/15	
10NITP10	I	I10	010		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10NITP11	I	I11	017		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10NITP12	I	I12	023		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10NITP13	I	I13	546		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10NITP14	I	I14	552		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10ODP00	O	O0	110		2/3	
10ODP01	O	O1	119		2/4	
10ODP02	O	O2	244		2/5	
10ODP03	O	O3	254		2/6	
10ODP04	O	O4	249		2/7	
10ODP05	O	O5	349		2/11	
10ODP06	O	O6	354		2/12	
10ODP07	O	O7	344		2/13	
10ODP08	O	O8	319		2/14	
10ODP09	O	O9	310		2/15	
10ODP10	O	O10	007		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10ODP11	O	O11	014		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10ODP12	O	O12	020		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10ODP13	O	O13	549		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10ODP14	O	O14	555		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10SP00	O	S0	108		2/3	
10SP01	O	S1	117		2/4	
10SP02	O	S2	242		2/5	
10SP03	O	S3	252		2/6	
10SP04	O	S4	247		2/7	
10SP05	O	S5	347		2/11	

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CMUX	13-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
10SP06	O	S6	352		2/12	
10SP07	O	S7	342		2/13	
10SP08	O	S8	317		2/14	
10SP09	O	S9	308		2/15	
10SP10	O	S10	009		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10SP11	O	S11	016		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10SP12	O	S12	022		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10SP13	O	S13	547		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10SP14	O	S14	553		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11ACN	I	1ACN	054		TO CONN CKT	
11ACP	I	1ACP	154		TO CONN CKT	
11AIDN	O	1AIDN	056		TO CONN CKT	
11AIDP	O	1AIDP	156		TO CONN CKT	
11ANINTN	O	1ANINTN	052		TO CONN CKT	
11ANINTP	O	1ANINTP	152		TO CONN CKT	
11AODN	I	1AODN	055		TO CONN CKT	
11AODP	I	1AODP	155		TO CONN CKT	
11ASN	I	1ASN	053		TO CONN CKT	
11ASP	I	1ASP	153		TO CONN CKT	
11BCN	I	1BCN	041		TO CONN CKT	
11BCP	I	1BCP	141		TO CONN CKT	
11BIDN	O	1BIDN	043		TO CONN CKT	
11BIDP	O	1BIDP	143		TO CONN CKT	
11BNINTN	O	1BNINTN	039		TO CONN CKT	
11BNINTP	O	1BNINTP	139		TO CONN CKT	
11BODN	I	1BODN	042		TO CONN CKT	
11BODP	I	1BODP	142		TO CONN CKT	
11BSN	I	1BSN	040		TO CONN CKT	
11BSP	I	1BSP	140		TO CONN CKT	
11CP16	O	C16	104		1/3	P/GRD04088
11CP17	O	C17	204		1/4	P/GRD04088
11CP18	O	C18	209		1/5	P/GRD04088
11CP19	O	C19	218		1/6	P/GRD04088
11CP20	O	C20	237		1/7	P/GRD04088
11CP21	O	C21	337		1/11	P/GRD04088
11CP22	O	C22	418		1/12	P/GRD04088
11CP23	O	C23	409		1/13	P/GRD04088
11CP24	O	C24	404		1/14	P/GRD04088
11CP25	O	C25	304		1/15	P/GRD04088
11CP26	O	C26	509		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11CP27	O	C27	516		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11CP28	O	C28	522		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CMUX	13-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
11CP29	O	C29	535		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11CP30	O	C30	541		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11IDP16	I	R16	106		1/3	
11IDP17	I	R17	206		1/4	
11IDP18	I	R18	211		1/5	
11IDP19	I	R19	220		1/6	
11IDP20	I	R20	239		1/7	
11IDP21	I	R21	339		1/11	
11IDP22	I	R22	420		1/12	
11IDP23	I	R23	411		1/13	
11IDP24	I	R24	406		1/14	
11IDP25	I	R25	306		1/15	
11IDP26	I	R26	511		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11IDP27	I	R27	518		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11IDP28	I	R28	524		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11IDP29	I	R29	537		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11IDP30	I	R30	543		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11NITP16	I	I16	102		1/3	
11NITP17	I	I17	202		1/4	
11NITP18	I	I18	207		1/5	
11NITP19	I	I19	216		1/6	
11NITP20	I	I20	235		1/7	
11NITP21	I	I21	335		1/11	
11NITP22	I	I22	416		1/12	
11NITP23	I	I23	407		1/13	
11NITP24	I	I24	402		1/14	
11NITP25	I	I25	302		1/15	
11NITP26	I	I26	507		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11NITP27	I	I27	514		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11NITP28	I	I28	520		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11NITP29	I	I29	533		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11NITP30	I	I30	539		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11NTA	I	INTA	414		2/10	

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CMUX	13-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
11NTB	I	INTB	413		2/10	
11ODP16	O	O16	105		1/3	P/GRD04088
11ODP17	O	O17	205		1/4	P/GRD04088
11ODP18	O	O18	210		1/5	P/GRD04088
11ODP19	O	O19	219		1/6	P/GRD04088
11ODP20	O	O20	238		1/7	P/GRD04088
11ODP21	O	O21	338		1/11	P/GRD04088
11ODP22	O	O22	419		1/12	P/GRD04088
11ODP23	O	O23	[illegible]		1/13	P/GRD04088
11ODP24	O	O24	405		1/14	P/GRD04088
11ODP25	O	O25	305		1/15	P/GRD04088
11ODP26	O	O26	510		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11ODP27	O	O27	517		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11ODP28	O	O28	523		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11ODP29	O	O29	536		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11ODP30	O	O30	542		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11SP16	O	S16	103		1/3	
11SP17	O	S17	203		1/4	
11SP18	O	S18	208		1/5	
11SP19	O	S19	217		1/6	
11SP20	O	S20	236		1/7	
11SP21	O	S21	336		1/11	
11SP22	O	S22	417		1/12	
11SP23	O	S23	408		1/13	
11SP24	O	S24	403		1/14	
11SP25	O	S25	303		1/15	
11SP26	O	S26	508		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11SP27	O	S27	515		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11SP28	O	S28	521		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11SP29	O	S29	534		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	

PART OF FS 2

SYMBOL(S) 8

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
D2	1

AT&T	SD-5D202-02	B2CF

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PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF

SYMBOL NO. 8 (CONT)

CONTROL MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1CMUX	13-088	UN120	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
11SP30	O	S30	540		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
1256CK1	I	256CK	002		2/10	
14MCLK	I	4MCLK	502		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 9

POWER UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1PU	13-098	494LA	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	INT	012			
	O	ALMZ	014			
	O	INT	112			
	O	ALM1	113			
	I	RS4	010			
	I	RS1	011			
	I	SC(+)	019			
	I	SB(+)	118			
+12V1	OT	VOUT2(+)	123		2/9	
	OT	VOUT2(+)	124		2/9	
	OT	VOUT2(+)	024			
	I				2/10	
+5V0	O	OOS(+)	015		1/8,1/9 1/10 1/9	
+5V1	PWR	VOUT1(+)	045		1/9	
	PWR	VOUT1(+)	046		1/9	
	PWR	VOUT1(+)	047		1/9	
	PWR	VOUT1(+)	048		1/9	
	PWR	VOUT1(+)	049		1/9	
	PWR	VOUT1(+)	050		1/9	
	PWR	VOUT1(+)	051		1/9	
	PWR	VOUT1(+)	052		1/9	
	PWR	VOUT1(+)	053		1/9	
	PWR	VOUT1(+)	054		1/9	
	PWR	VOUT1(+)	055		1/9	
	PWR	VOUT1(+)	056		1/9	
	PWR	VOUT1(+)	145		1/9	
	PWR	VOUT1(+)	146		1/9	
	PWR	VOUT1(+)	147		1/9	
	PWR	VOUT1(+)	148		1/9	
	PWR	VOUT1(+)	149		1/9	
	PWR	VOUT1(+)	150		1/9	
	PWR	VOUT1(+)	151		1/9	
	PWR	VOUT1(+)	152		1/9	
	PWR	VOUT1(+)	153		1/9	

SYMBOL NO. 9 (CONT)

POWER UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1PU	13-098	494LA	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	PWR	VOUT1(+)	154		1/9	
	PWR	VOUT1(+)	155		1/9	
	PWR	VOUT1(+)	156		1/9	
	I	SA(+)	018		1/9	
-OOS1	I	OOS(-)	115		1/8	
-48VB	PWR	VIN(-)	006		2/1	
	PWR	VIN(-)	007		2/1	
	PWR	VIN(-)	008		2/1	
	PWR	VIN(-)	106		2/1	
	PWR	VIN(-)	107		2/1	
	PWR	VIN(-)	108		2/1	
-48VBRTN	GRD	VIN(+)	003		2/1	
	GRD	VIN(+)	004		2/1	
	GRD	VIN(+)	005		2/1	
	GRD	VIN(+)	102		2/1	
	GRD	VIN(+)	103		2/1	
	GRD	VIN(+)	104		2/1	
FRGRD8	I	VOUT2(-)	022		2/8	
	I	VOUT2(-)	023		2/8	
	I	S(-)	119		2/8	
	I	VOUT2(-)	122		2/8	
	GRD	FRGRD	000		2/8	
	GRD	FRGRD	001		2/8	
	GRD	FRGRD	100		2/8	
	GRD	FRGRD	101		2/8	
GRD13098	GRD	VOUT1(-)	032			
	GRD	VOUT1(-)	033			
	GRD	VOUT1(-)	034			
	GRD	VOUT1(-)	035			
	GRD	VOUT1(-)	036			
	GRD	VOUT1(-)	037			
	GRD	VOUT1(-)	038			
	GRD	VOUT1(-)	039			
	GRD	VOUT1(-)	040			
	GRD	VOUT1(-)	041			
	GRD	VOUT1(-)	042			
	GRD	VOUT1(-)	043			
	GRD	VOUT1(-)	132			
	GRD	VOUT1(-)	133			
	GRD	VOUT1(-)	134			
	GRD	VOUT1(-)	135			
	GRD	VOUT1(-)	136			
	GRD	VOUT1(-)	137			
	GRD	VOUT1(-)	138			
	GRD	VOUT1(-)	139			
	GRD	VOUT1(-)	140			
	GRD	VOUT1(-)	141			
	GRD	VOUT1(-)	142			
	GRD	VOUT1(-)	143			
1PROG1	I	CP(+)	017		2/8	
1PROG2	I	CP(-)	117		2/8	
1SPPW	I	RS3	109			
	I	RS2	110			

SYMBOL NO. 10

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1DMUX	13-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
+12V1	I	+12VDC	405		2/9	
+5V1	PWR	+5VDC	000		1/9	
	PWR	+5VDC	100		1/9	
	PWR	+5VDC	200		1/9	
	PWR	+5VDC	300		1/9	
	PWR	+5VDC	400		1/9	
	PWR	+5VDC	500		1/9	
FRGRD8	GRD	GRD	501		2/8	
GRD13108	GRD	GRD	001		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	003			
	GRD	GRD	012			
	GRD	GRD	044			
	GRD	GRD	048			
	GRD	GRD	101			
	GRD	GRD	102			
	GRD	GRD	105			
	GRD	GRD	107			
	GRD	GRD	109			NOTE 1
	GRD	GRD	111			NOTE 1
	GRD	GRD	113			
	GRD	GRD	115			
	GRD	GRD	117			NOTE 1
	GRD	GRD	119			NOTE 1
	GRD	GRD	121			
	GRD	GRD	123			
	GRD	GRD	144			
	GRD	GRD	148			
	GRD	GRD	201			
	GRD	GRD	207			
	GRD	GRD	216			
	GRD	GRD	232			
	GRD	GRD	234			
	GRD	GRD	236			
	GRD	GRD	238			
	GRD	GRD	240			
	GRD	GRD	242			
	GRD	GRD	250			NOTE 1
	GRD	GRD	252			NOTE 1
	GRD	GRD	254			NOTE 1
	GRD	GRD	256			NOTE 1
	GRD	GRD	301			
	GRD	GRD	307			
	GRD	GRD	316			
	GRD	GRD	344			
	GRD	GRD	348			
	GRD	GRD	401			
	GRD	GRD	404			
	GRD	GRD	406			
	GRD	GRD	408			NOTE 1
	GRD	GRD	410			NOTE 1
	GRD	GRD	412			NOTE 1
	GRD	GRD	414			
	GRD	GRD	416			
	GRD	GRD	418			NOTE 1
	GRD	GRD	420			NOTE 1
	GRD	GRD	422			
	GRD	GRD	424			

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1DMUX	13-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	433			
	GRD	GRD	435			
	GRD	GRD	437			
	GRD	GRD	439			NOTE 1
	GRD	GRD	441			NOTE 1
	GRD	GRD	443			NOTE 1
	GRD	GRD	449			NOTE 1
	GRD	GRD	451			NOTE 1
	GRD	GRD	453			NOTE 1
	GRD	GRD	455			NOTE 1
	GRD	GRD	503			
	GRD	GRD	512			
	GRD	GRD	544			NOTE 1
	GRD	GRD	548			
1AADRPER	O	AADRPER	122		2/8	
1ARAMWRO	OT	ARAMWRO	246		2/8	
1ARMXCTP	I	ARMUXCTP	445		2/8	
1ARMXCTO	I	ARMUXCTO	547		2/8	
1ARMXCT1	I	ARMUXCT1	546		2/8	
1ARMXCT2	I	ARMUXCT2	545		2/8	
1ARMXCT3	I	ARMUXCT3	448		2/8	
1ARMXCT4	I	ARMUXCT4	447		2/8	
1ARMXCT5	I	ARMUXCT5	446		2/8	
1ASW	O	ASW	243		2/8	
1AXMXCTP	OT	AXMUXCTP	249		2/8	
1AXMXCTO	I	AXMUXCTO	047		2/8	
1AXMXCT1	I	AXMUXCT1	046		2/8	
1AXMXCT2	I	AXMUXCT2	045		2/8	
1AXMXCT3	I	AXMUXCT3	145		2/8	
1AXMXCT4	I	AXMUXCT4	146		2/8	
1AXMXCT5	I	AXMUXCT5	147		2/8	
1AX0A	I	AX0A	346		2/8	
1AX0B	I	AX0B	402		2/8	
1AX1A	I	AX1A	347		2/8	
1AX1B	I	AX1B	103		2/8	
1BADRPER	O	BADRPER	124		2/8	
1BRAMWRO	I	BRAMWRO	135		2/8	
1BRMXCTP	I	BRMUXCTP	432		2/8	
1BRMXCTO	I	BRMUXCTO	444		2/8	
1BRMXCT1	I	BRMUXCT1	442		2/8	
1BRMXCT2	I	BRMUXCT2	440		2/8	
1BRMXCT3	I	BRMUXCT3	438		2/8	
1BRMXCT4	I	BRMUXCT4	436		2/8	
1BRMXCT5	I	BRMUXCT5	434		2/8	
1BXMXCTP	I	BXMUXCTP	134		2/8	
1BXMXCTO	I	BXMUXCTO	035		2/8	
1BXMXCT1	I	BXMUXCT1	034		2/8	
1BXMXCT2	I	BXMUXCT2	033		2/8	
1BXMXCT3	I	BXMUXCT3	032		2/8	
1BXMXCT4	I	BXMUXCT4	132		2/8	

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SYMBOL(S) 8 9 10

DIGITAL CARRIER LINE UNIT

DWG SIZE: D2 | ISSUE: 1

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PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1DMUX	13-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
18XMXCTS	I	BXMUXCTS	133		2/8	
1CLEARA	I	CLEARA	415		2/8	
1CLEARB	I	CLEARB	413		2/8	
1DATASHF	OT	DATASHFT	244		2/8	
1DESTAX	OT	DESTAX	247		2/8	
1DESTRST	OT	DESTRST	248		2/8	
1DFILP	O	DFILP	403		2/8	
1PROG1	I	PROG1	302		2/8	
1PROG2	I	PROG2	202		2/8	
1P10BSEL	I	P10BSEL	114		2/8	
1RAMSYNC	O	RAMSYNC	245		2/8	
1RDDATA	O	RDDATA	106		2/8	
1RDPULSE	I	RDPULSE	104		2/8	
1S1DESEL	I	S1DESEL	116		2/8	
1WRDATA	OT	WRDATA	239		2/8	
1WRPULSE	OT	WRPULSE	241		2/8	
10APBIN	O	0APBIN	150		TO CONN CKT	
10APBIP	O	0APBIP	050		TO CONN CKT	
10APBON	I	0APBON	149		TO CONN CKT	
10APBOP	I	0APBOP	049		TO CONN CKT	
10A4MCN	I	0A4MCN	152		TO CONN CKT	
10A4MCP	I	0A4MCP	052		TO CONN CKT	
10A8KSN	I	0A8KSN	151		TO CONN CKT	
10A8KSP	I	0A8KSP	051		TO CONN CKT	
10BPBIN	O	0BPBIN	137		TO CONN CKT	
10BPBIP	O	0BPBIP	037		TO CONN CKT	
10BPBON	I	0BPBON	136		TO CONN CKT	
10BPBOP	I	0BPBOP	036		TO CONN CKT	
10B4MCN	I	0B4MCN	139		TO CONN CKT	
10B4MCP	I	0B4MCP	039		TO CONN CKT	
10B8KSN	I	0B8KSN	138		TO CONN CKT	
10B8KSP	I	0B8KSP	038		TO CONN CKT	
10PBIN00	I	RDATA0	204		2/3	
10PBIN01	I	RDATA1	213		2/4	
10PBIN02	I	RDATA2	222		2/5	
10PBIN03	I	RDATA3	333		2/6	
10PBIN04	I	RDATA4	337		2/7	
10PBIN05	I	RDATA5	537		2/11	
10PBIN06	I	RDATA6	533		2/12	
10PBIN07	I	RDATA7	322		2/13	
10PBIN08	I	RDATA8	313		2/14	
10PBIN09	I	RDATA9	304		2/15	
10PBIN10	I	RDATA10	006		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10PBIN11	I	RDATA11	010		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10PBIN12	I	RDATA12	015		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10PBIN13	I	RDATA13	019		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10PBIN14	I	RDATA14	023		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10PBON00	O	XDATA0	203		2/3	
10PBON01	O	XDATA1	212		2/4	

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1DMUX	13-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
10PBON02	O	XDATA2	221		2/5	
10PBON03	O	XDATA3	332		2/6	
10PBON04	O	XDATA4	336		2/7	
10PBON05	O	XDATA5	536		2/11	
10PBON06	O	XDATA6	532		2/12	
10PBON07	O	XDATA7	321		2/13	
10PBON08	O	XDATA8	312		2/14	
10PBON09	O	XDATA9	303		2/15	
10PBON10	O	XDATA10	007		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10PBON11	O	XDATA11	011		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10PBON12	O	XDATA12	016		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10PBON13	O	XDATA13	020		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
10PBON14	O	XDATA14	024		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
104MCN00	O	SYSCLK0	206		2/3	
104MCN01	O	SYSCLK1	215		2/4	
104MCN02	O	SYSCLK2	224		2/5	
104MCN03	O	SYSCLK3	335		2/6	
104MCN04	O	SYSCLK4	339		2/7	
104MCN05	O	SYSCLK5	539		2/11	
104MCN06	O	SYSCLK6	535		2/12	
104MCN07	O	SYSCLK7	324		2/13	
104MCN08	O	SYSCLK8	315		2/14	
104MCN09	O	SYSCLK9	306		2/15	
104MCN10	O	SYSCLK10	004		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
104MCN11	O	SYSCLK11	008		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
104MCN12	O	SYSCLK12	013		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
104MCN13	O	SYSCLK13	017		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
104MCN14	O	SYSCLK14	021		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
108KSN00	O	SYNC0	205		2/3	
108KSN01	O	SYNC1	214		2/4	
108KSN02	O	SYNC2	223		2/5	
108KSN03	O	SYNC3	334		2/6	
108KSN04	O	SYNC4	338		2/7	
108KSN05	O	SYNC5	538		2/11	
108KSN06	O	SYNC6	534		2/12	
108KSN07	O	SYNC7	323		2/13	

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1DMUX	13-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
108KSN08	O	SYNC8	314		2/14	
108KSN09	O	SYNC9	305		2/15	
108KSN10	O	SYNC10	005		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
108KSN11	O	SYNC11	009		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
108KSN12	O	SYNC12	014		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
108KSN13	O	SYNC13	018		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
108KSN14	O	SYNC14	022		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11APBIN	O	1APBIN	154		TO CONN CKT	
11APBIP	O	1APBIP	054		TO CONN CKT	
11APBON	I	1APBON	153		TO CONN CKT	
11APBOP	I	1APBOP	053		TO CONN CKT	
11A4MCN	I	1A4MCN	156		TO CONN CKT	
11A4MCP	I	1A4MCP	056		TO CONN CKT	
11A8KSN	I	1A8KSN	155		TO CONN CKT	
11A8KSP	I	1A8KSP	055		TO CONN CKT	
11BPBIN	O	1BPBIN	141		TO CONN CKT	
11BPBIP	O	1BPBIP	041		TO CONN CKT	
11BPBON	I	1BPBON	140		TO CONN CKT	
11BPBOP	I	1BPBOP	040		TO CONN CKT	
11B4MCN	I	1B4MCN	143		TO CONN CKT	
11B4MCP	I	1B4MCP	043		TO CONN CKT	
11B8KSN	I	1B8KSN	142		TO CONN CKT	
11B8KSP	I	1B8KSP	042		TO CONN CKT	
11NTA	O	1NTA	423		2/8	
11NTB	O	1NTB	421		2/8	
11PBIN16	I	RDATA16	209		1/3	
11PBIN17	I	RDATA17	218		1/4	
11PBIN18	I	RDATA18	341		1/5	
11PBIN19	I	RDATA19	350		1/6	
11PBIN20	I	RDATA20	354		1/7	
11PBIN21	I	RDATA21	554		1/11	
11PBIN22	I	RDATA22	550		1/12	
11PBIN23	I	RDATA23	541		1/13	
11PBIN24	I	RDATA24	318		1/14	
11PBIN25	I	RDATA25	309		1/15	
11PBIN26	I	RDATA26	505		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11PBIN27	I	RDATA27	509		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11PBIN28	I	RDATA28	514		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11PBIN29	I	RDATA29	518		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1DMUX	13-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
11PBIN30	I	RDATA30	522		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11PBON16	O	XDATA16	208		1/3	P/GRD04108
11PBON17	O	XDATA17	217		1/4	P/GRD04108
11PBON18	O	XDATA18	340		1/5	P/GRD04108
11PBON19	O	XDATA19	349		1/6	P/GRD04108
11PBON20	O	XDATA20	353		1/7	P/GRD04108
11PBON21	O	XDATA21	553		1/11	P/GRD04108
11PBON22	O	XDATA22	549		1/12	P/GRD04108
11PBON23	O	XDATA23	540		1/13	P/GRD04108
11PBON24	O	XDATA24	317		1/14	P/GRD04108
11PBON25	O	XDATA25	308		1/15	P/GRD04108
11PBON26	O	XDATA26	504		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11PBON27	O	XDATA27	508		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11PBON28	O	XDATA28	513		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11PBON29	O	XDATA29	517		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
11PBON30	O	XDATA30	521		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
114MCN16	O	SYSCLK16	211		1/3	P/GRD04108
114MCN17	O	SYSCLK17	220		1/4	P/GRD04108
114MCN18	O	SYSCLK18	343		1/5	P/GRD04108
114MCN19	O	SYSCLK19	352		1/6	P/GRD04108
114MCN20	O	SYSCLK20	356		1/7	P/GRD04108
114MCN21	O	SYSCLK21	556		1/11	P/GRD04108
114MCN22	O	SYSCLK22	552		1/12	P/GRD04108
114MCN23	O	SYSCLK23	543		1/13	P/GRD04108
114MCN24	O	SYSCLK24	320		1/14	P/GRD04108
114MCN25	O	SYSCLK25	311		1/15	P/GRD04108
114MCN26	O	SYSCLK26	507		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
114MCN27	O	SYSCLK27	511		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
114MCN28	O	SYSCLK28	516		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
114MCN29	O	SYSCLK29	520		TO DIGITAL	

PART OF FS 2

SYMBOL(S) 10

DIGITAL CARRIER LINE UNIT

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DWG SIZE: D2

ISSUE: 1

AT&T

SD-5D202-02

B2CH

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF

SYMBOL NO. 10 (CONT)

DATA MUX

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
1OMUX	13-108	UN121	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
					CARRIER LINE UNIT SUPPLEMENT CKT	
114MCN30	O	SYSCLK30	524		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
118KSN16	O	SYNC16	210		1/3	P/GRD04108
118KSN17	O	SYNC17	219		1/4	P/GRD04108
118KSN18	O	SYNC18	342		1/5	P/GRD04108
118KSN19	O	SYNC19	351		1/6	P/GRD04108
118KSN20	O	SYNC20	355		1/7	P/GRD04108
118KSN21	O	SYNC21	555		1/11	P/GRD04108
118KSN22	O	SYNC22	551		1/12	P/GRD04108
118KSN23	O	SYNC23	544		1/13	P/GRD04108
118KSN24	O	SYNC24	319		1/14	P/GRD04108
118KSN25	O	SYNC25	310		1/15	P/GRD04108
118KSN26	O	SYNC26	506		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
118KSN27	O	SYNC27	510		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
118KSN28	O	SYNC28	515		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
118KSN29	O	SYNC29	519		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
118KSN30	O	SYNC30	523		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	
1256CK1	O	256CK1	502		2/8	
14MCLK	O	4MCLK	002		2/8	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 11

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI20	13-129	MC5D204A1	A	(Z)
SDFI20	13-129	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRCERR	019			
	O	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	AD84	120			
	I	AD85	121			
	I	AD86	122			
	I	AD87	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	AD80	220			
	I	AD81	221			
	I	AD82	222			
	I	AD83	223			
	I	ERD	233			
	I	DBDIR	234			
	I	BUSEN	235			
	I	ZCE2	236			
	I	ZCE1	237			
	I	1CE2	238			
	GRD	GRD	047			
	GRD	GRD	053			
+5V13129	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VB	PWR	-48IN	000		Z/1	
	PWR	-48IN	100		Z/1	
-48VBRTN	PWR	-48IN	200		Z/1	
	PWR	-48RTN	001		Z/1	
	PWR	-48RTN	101		Z/1	
	PWR	-48RTN	201		Z/1	
GRD04088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD04108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
GRD13129	I	LIRST	018			

SYMBOL NO. 11 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI20	13-129	MC5D204A1	A	(Z)
SDFI20	13-129	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	003			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	203			
	GRD	GRD	215			
	GRD	GRD	218			
	GRD	GRD	239			NOTE 1
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
01CP21	I	1CP	154		1/8	
01IDP21	O	1IDP	156		1/8	P/GRD04129
01NITP21	O	1KINTP	152		1/8	
01ODP21	I	1ODP	155		1/8	
01PBIN21	O	1PBIN	141		1/10	P/GRD04129
01PBON21	I	1PBON	140		1/10	
01SPZ1	I	1SP	153		1/8	
014MCN21	I	14MCN	143		1/10	
018KSN21	I	18KSN	142		1/10	
1PWRON	OT	PWRON	009		2/3	
1REF05	I	REF05	036			
	I	REF05	038			
	I	REF05	039			
	I	REF05	040			
	I	REF05	042			
	I	REF05	043			
	I	REF05	045			
	I	REF05	048			
	I	REF05	049			
	I	REF05	054			
	I	REF05	055			
1START	I	START	109		2/1	
1T11R20	I	LIN	032		2/1	P/1T11T20
1T11T20	I	LIP	132		2/1	P/1T11R20
1T10R20	O	LON	024		2/2	P/1T10T20
1T10T20	O	LOP	124		2/2	P/1T10R20
10CP05	I	OCP	148		2/8	
10IDP05	O	OIDP	150		2/8	
10NITP05	O	ONINTP	146		2/8	
10ODP05	I	OODP	149		2/8	
10PBIN05	O	OPBIN	137		2/10	
10PBON05	I	OPBON	136		2/10	
10SP05	I	OSP	147		2/8	
104MCN05	I	O4MCN	139		2/10	
108KSN05	I	O8KSN	138		2/10	

SYMBOL NO. 11 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI20	13-129	MC5D204A1	A	(Z)
SDFI20	13-129	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

PART OF FS 2

SYMBOL(S) 10 11

DIGITAL CARRIER LINE UNIT

DWG SIZE D2 | ISSUE 2B

AT&T | SD-5D202-02 | B2CJ

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PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF

SYMBOL NO. 12

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI21	13-139	MC5D204A1	A	(Z)
SDFI21	13-139	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRCERR	019			
	O	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	ADB0	220			
	I	ADB1	221			
	I	ADB2	222			
	I	ADB3	223			
	I	ERD	233			
	I	DBDIR	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
	GRD	GRD	053			
+5V13139	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VB	PWR	-48IN	000		2/1	
	PWR	-48IN	100		2/1	
	PWR	-48IN	200		2/1	
-48VBRTN	PWR	-48RTN	001		2/1	
	PWR	-48RTN	101		2/1	
	PWR	-48RTN	201		2/1	
GRD04088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD04108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
GRD13139	I	LIRST	018			

SYMBOL NO. 12 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI21	13-139	MC5D204A1	A	(Z)
SDFI21	13-139	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	003			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	203			
	GRD	GRD	215			
	GRD	GRD	218			NOTE 1
	GRD	GRD	239			
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
01CP22	I	1CP	154	1/8		
01IDP22	O	1IDP	156	1/8		P/GRD04139
01NITP22	O	1KINTP	152	1/8		
01ODP22	I	1ODP	155	1/8		
01PBIN22	O	1PBIN	141	1/10		P/GRD04139
01PBON22	I	1PBON	140	1/10		
01SP22	I	1SP	153	1/8		
01MCN22	I	1MCN	143	1/10		
01BKSN22	I	1BKSN	142	1/10		
1PWRON	OT	PWRON	009	2/3		
1REF06	I	REF06	036			
	I	REF06	038			
	I	REF06	039			
	I	REF06	040			
	I	REF06	042			
	I	REF06	043			
	I	REF06	045			
	I	REF06	048			
	I	REF06	049			
	I	REF06	054			
	I	REF06	055			
1START	I	START	109	2/1		
1T11R21	I	LIN	032	2/1		P/1T11T21
1T11T21	I	LIP	132	2/1		P/1T11R21
1T10R21	O	LON	024	2/2		P/1T10T21
1T10T21	O	LOP	124	2/2		P/1T10R21
10CP06	I	0CP	148	2/8		
10IDP06	O	0IDP	150	2/8		
10NITP06	O	0NINTP	145	2/8		
10ODP06	I	0ODP	149	2/8		
10PBIN06	O	0PBIN	137	2/10		
10PBON06	I	0PBON	136	2/10		
10SP06	I	0SP	147	2/8		
10MCN06	I	0MCN	139	2/10		
10BKSN06	I	0BKSN	138	2/10		

SYMBOL NO. 12 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI21	13-139	MC5D204A1	A	(Z)
SDFI21	13-139	MC5D204A1B	A	(Y)

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 13

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI22	13-149	MC5D204A1	A	(Z)
SDFI22	13-149	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRCERR	019			
	O	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	ADB0	220			
	I	ADB1	221			
	I	ADB2	222			
	I	ADB3	223			
	I	ERD	233			
	I	DBDIR	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
	GRD	GRD	053			
+5V13149	O	+5A	207			
	I	VDD2	007			

SYMBOL NO. 13 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI22	13-149	MC5D204A1	A	(Z)
SDFI22	13-149	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	VDD1	107			
-48VB	PWR	-48IN	000		2/1	
	PWR	-48IN	100		2/1	
	PWR	-48IN	200		2/1	
-48VBRTN	PWR	-48RTN	001		2/1	
	PWR	-48RTN	101		2/1	
	PWR	-48RTN	201		2/1	
GRD04088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD04108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
GRD13149	I	LIRST	018			
	GRD	GRD	003			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	203			
	GRD	GRD	215			
	GRD	GRD	216			
	GRD	GRD	239			NOTE 1
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
01CP23	I	1CP	154	1/8		
01IDP23	O	1IDP	156	1/8		P/GRD04149
01NITP23	O	1KINTP	152	1/8		
01ODP23	I	1ODP	155	1/8		
01PBIN23	O	1PBIN	141	1/10		P/GRD04149

PART OF FS 2

SYMBOL(S) 12 13

DIGITAL CARRIER LINE UNIT

DWG SIZE D2 | ISSUE 2B

AT&T | SD-5D202-02 | B2CK

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PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF

SYMBOL NO. 13 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI22	13-149	MC5D204A1	A	(Z)
SDFI22	13-149	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
01PBON23	I	1PBON	140		1/10	
01SP23	I	1SP	153		1/8	
014MCN23	I	14MCN	143		1/10	
018KSN23	I	18KSN	142		1/10	
1PWRON	OT	PWRON	009		2/3	
1REF07	I	REF07	036			
	I	REF07	038			
	I	REF07	039			
	I	REF07	040			
	I	REF07	042			
	I	REF07	043			
	I	REF07	045			
	I	REF07	048			
	I	REF07	049			
	I	REF07	054			
	I	REF07	055			
1START	I	START	109		2/1	
1T11R22	I	LIN	032		2/1	P/1T11T22
1T11T22	I	LIP	132		2/1	P/1T11R22
1T10R22	O	LON	024		2/2	P/1T10T22
1T10T22	O	LOP	124		2/2	P/1T10R22
10CP07	I	0CP	148		2/8	
101DP07	O	01DP	150		2/8	
10NITP07	O	0NINTP	146		2/8	
100DP07	I	00DP	149		2/8	
10PBIN07	O	0PBIN	137		2/10	
10PBON07	I	0PBON	136		2/10	
10SP07	I	0SP	147		2/8	
104MCN07	I	04MCN	139		2/10	
108KSN07	I	08KSN	138		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

SYMBOL NO. 14

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI23	13-159	MC5D204A1	A	(Z)
SDFI23	13-159	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRCERR	019			
	O	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			

SYMBOL NO. 14 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI23	13-159	MC5D204A1	A	(Z)
SDFI23	13-159	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	O	+5A	205			
	O	+5A	206			
	I	0A8	020			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	AD84	120			
	I	AD85	121			
	I	AD86	122			
	I	AD87	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	AD80	220			
	I	AD81	221			
	I	AD82	222			
	I	AD83	223			
	I	ERD	233			
	I	0B01R	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
	GRD	GRD	053			
+5V13159	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VB	PWR	-48IN	000		2/1	
	PWR	-48IN	100		2/1	
	PWR	-48IN	200		2/1	
-48VBRTN	PWR	-48RTN	001		2/1	
	PWR	-48RTN	101		2/1	
	PWR	-48RTN	201		2/1	
GRD04088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD04108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
GRD13159	I	LIRST	018			
	GRD	GRD	003			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			
	GRD	GRD	135			

SYMBOL NO. 14 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI23	13-159	MC5D204A1	A	(Z)
SDFI23	13-159	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	203			
	GRD	GRD	215			
	GRD	GRD	218			
	GRD	GRD	239			NOTE 1
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
01CP24	I	1CP	154		1/8	
011DP24	O	11DP	156		1/8	P/GRD04159
01NITP24	O	1KINTP	152		1/8	
010DP24	I	10DP	155		1/8	
01PBIN24	O	1PBIN	141		1/10	P/GRD04159
01PBON24	I	1PBON	140		1/10	
01SP24	I	1SP	153		1/8	
014MCN24	I	14MCN	143		1/10	
018KSN24	I	18KSN	142		1/10	
1PWRON	OT	PWRON	009		2/3	
1REF08	I	REF08	036			
	I	REF08	038			
	I	REF08	039			
	I	REF08	040			
	I	REF08	042			
	I	REF08	043			
	I	REF08	045			
	I	REF08	048			
	I	REF08	049			
	I	REF08	054			
	I	REF08	055			
1START	I	START	109		2/1	
1T11R23	I	LIN	032		2/1	P/1T11T23
1T11T23	I	LIP	132		2/1	P/1T11R23
1T10R23	O	LON	024		2/2	P/1T10T23
1T10T23	O	LOP	124		2/2	P/1T10R23
10CP08	I	0CP	148		2/8	
101DP08	O	01DP	150		2/8	
10NITP08	O	0NINTP	146		2/8	
100DP08	I	00DP	149		2/8	
10PBIN08	O	0PBIN	137		2/10	
10PBON08	I	0PBON	136		2/10	
10SP08	I	0SP	147		2/8	
104MCN08	I	04MCN	139		2/10	
108KSN08	I	08KSN	138		2/10	

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

PART OF FS 2

SYMBOL(S) 13 14

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
D	2B

AT&T	SD-5D202-02	B2CL

PART OF FS 2

DIGITAL FACILITY INTERFACE, 1 SHELF

SYMBOL NO. 15

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI24	13-169	MC5D204A1	A	(Z)
SDFI24	13-169	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	+5A	006			
	O	CLK4096	010			
	O	CLK1544	011			
	O	CRCERR	019			
	O	PCM2ON	034			
	O	+5A	106			
	O	XSYNC	111			
	O	LINCLKO	117			
	O	PCM1ON	134			
	O	+5A	205			
	O	+5A	206			
	I	0A8	029			
	I	0A9	021			
	I	0A10	022			
	I	0A11	023			
	I	TP	033			
	I	RESET	119			
	I	ADB4	120			
	I	ADB5	121			
	I	ADB6	122			
	I	ADB7	123			
	I	MBTSEN	210			
	I	ENALE	212			
	I	ALE	213			
	I	1CE1	214			
	I	ADB0	220			
	I	ADB1	221			
	I	ADB2	222			
	I	ADB3	223			
	I	ERD	233			
	I	D601R	234			
	I	BUSEN	235			
	I	2CE2	236			
	I	2CE1	237			
	I	1CE2	238			
	GRD	GRD	047			
	GRD	GRD	053			
+5V13169	O	+5A	207			
	I	VDD2	007			
	I	VDD1	107			
-48VB	PWR	-48IN	000		2/1	
	PWR	-48IN	100		2/1	
	PWR	-48IN	200		2/1	
-48VBRTN	PWR	-48RTN	001		2/1	
	PWR	-48RTN	101		2/1	
	PWR	-48RTN	201		2/1	
GRD04088	GRD	GRD	254		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	255			NOTE 1
	GRD	GRD	256			NOTE 1
GRD04108	GRD	GRD	240		TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	NOTE 1
	GRD	GRD	241			NOTE 1
	GRD	GRD	242			NOTE 1
	GRD	GRD	243			NOTE 1
GRD13169	I	LIRST	018			

SYMBOL NO. 15 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI24	13-169	MC5D204A1	A	(Z)
SDFI24	13-169	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	003			
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	046			
	GRD	GRD	051			
	GRD	GRD	052			
	GRD	GRD	103			
	GRD	GRD	118			
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	203			
	GRD	GRD	215			
	GRD	GRD	218			
	GRD	GRD	239			NOTE 1
	GRD	GRD	244			
	GRD	GRD	245			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	248			
	GRD	GRD	249			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
01CP25	I	1CP	154		1/8	
01IDP25	O	1IDP	156		1/8	P/GR004169
01NITP25	O	1KINTP	152		1/8	
01ODP25	I	1ODP	155		1/8	
01PBIN25	O	1PBIN	141		1/10	P/GR004169
01PBON25	I	1PBON	140		1/10	
01SP25	I	1SP	153		1/8	
014MCN25	I	14MCN	143		1/10	
018KSN25	I	18KSN	142		1/10	
1PWRON	OT	PWRON	009		2/3	
1REF09	I	REF09	036			
	I	REF09	038			
	I	REF09	039			
	I	REF09	040			
	I	REF09	042			
	I	REF09	043			
	I	REF09	045			
	I	REF09	048			
	I	REF09	049			
	I	REF09	054			
	I	REF09	055			
1START	I	START	109		2/1	
1T1IR24	I	LIN	032		2/1	P/1T1IT24
1T1IT24	I	LIP	132		2/1	P/1T1IR24
1T1OR24	O	LON	024		2/2	P/1T1OT24
1T1OT24	O	LOP	124		2/2	P/1T1OR24
10CP09	I	0CP	148		2/8	
10IDP09	O	0IDP	150		2/8	
10NITP09	O	0NINTP	146		2/8	
10ODP09	I	0ODP	149		2/8	
10PBIN09	O	0PBIN	137		2/10	
10PBON09	I	0PBON	136		2/10	
10SP09	I	0SP	147		2/8	
104MCN09	I	04MCN	139		2/10	
108KSN09	I	08KSN	138		2/10	

SYMBOL NO. 15 (CONT)

DIGITAL FACILITY INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SDFI24	13-169	MC5D204A1	A	(Z)
SDFI24	13-169	MC5D204A1B	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE

NOTE(S):

1. THIS POINT IS USED ONE OR MORE TIMES IN TWISTED PAIR WITH A SIGNAL NET

PART OF FS 2
SYMBOL(S) 15

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
C2	2B

AT&T	SD-5D202-02	B2CM

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APPARATUS FIGURES

EQL	04-010	04-018	04-027	04-037	04-047	04-057	04-067	04-088	04-098	04-108	04-129	04-139	04-149	04-159	04-169						EQL
APPARATUS FIGURE NUMBER	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	APPARATUS FIGURE NUMBER
1*																					1*
2	SN346B							UN120	194LA	UN121											2
3		SN215																			3
4		SN216																			4
5		SN217																			5
6		SN218																			6
7		SN219																			7
8			Z MC5D204A1 Y MC5D204A1B	Z MC5D204A1 Y MC5D204A1B	Z MC5D204A1 Y MC5D204A1B	Z MC5D204A1 Y MC5D204A1B	Z MC5D204A1 Y MC5D204A1B				Z MC5D204A1 Y MC5D204A1B	Z MC5D204A1 Y MC5D204A1B	Z MC5D204A1 Y MC5D204A1B	Z MC5D204A1 Y MC5D204A1B	Z MC5D204A1 Y MC5D204A1B						8

EQL	13-010	13-018	13-027	13-037	13-047	13-057	13-067	13-088	13-098	13-108	13-129	13-139	13-149	13-159	13-169						EQL
APPARATUS FIGURE NUMBER	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	APPARATUS FIGURE NUMBER
1*																					1*
2	SN346B							UN120	194LA	UN121											2
3		SN215																			3
4		SN216																			4
5		SN217																			5
6		SN218																			6
7		SN219																			7
8			Z MC5D204A1 Y MC5D204A1B	Z MC5D204A1 Y MC5D204A1B	Z MC5D204A1 Y MC5D204A1B	Z MC5D204A1 Y MC5D204A1B	Z MC5D204A1 Y MC5D204A1B				Z MC5D204A1 Y MC5D204A1B	Z MC5D204A1 Y MC5D204A1B	Z MC5D204A1 Y MC5D204A1B	Z MC5D204A1 Y MC5D204A1B	Z MC5D204A1 Y MC5D204A1B						8

* WIRING AS PER FS 1

DIGITAL CARRIER LINE UNIT

DWG SIZE: 03

ISSUE: 2B

AT&T | SD-5D202-02 | SHEET: C1

CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
	5A 5B	-48VA -48VB	DCLU DCLU

BATTERY SYMBOL

VOLTAGE RANGE

102. PERIPHERAL INTERFACE CONTROL BUS (PICB) AND PERIPHERAL INTERFACE DATA BUS (PIDB) SHALL BE ASSIGNED TO PORTS IN THE NCU AND TSIU, RESPECTIVELY. IN THE SEQUENCE SHOWN BELOW. LEAD DESIGNATION PREFIXES ARE FOR PICB AND PIDB'S GIVEN IN CADS 002 AND 003.

5ESS SIDE	PORT ASSIGNMENT SEQUENCE	LEAD PREFIX	DESCRIPTION	DCLU SHELF VERTICAL EQL
0	1ST 2ND 3RD 4TH	00A 00B 10A 10B	PICB-A, PIDB-A PICB-B, PIDB-B PICB-A, PIDB-A PICB-B, PIDB-B	04 04 13 13
1	1ST 2ND 3RD 4TH	01A 01B 11A 11B	PICB-A, PIDB-A PICB-B, PIDB-B PICB-A, PIDB-A PICB-B, PIDB-B	04 04 13 13

DIGITAL CARRIER LINE UNIT

DWG SIZE: 88

ISSUE: 1

AT&T | SD-5D202-02 | SHEET: DIA

EQUIPMENT NOTES:

201. UNLESS OTHERWISE SPECIFIED, ALL BACKPLANE WIRING WILL BE PRINTED WIRING CONNECTIONS AS SPECIFIED BY ED-50201-01.

202. THE CONNECTIONS FROM THE DIGITAL CARRIER LINE UNIT (DCLU) TO THE DCLU-SUPPLEMENT, WHICH ARE GIVEN IN CAOS 006 AND 007, SHALL BE IN A PREFORMED CONNECTORIZED CABLE.

203. THE NUMBER OF PERIPHERAL INTERFACE DATA BUSSES (PIDB'S) TO BE CONNECTED PER CAD 002 FROM THE TSIU, SD-50045-07, TO THE DCLU (J90003AR SD-50202-02) SHALL BE EITHER TWO OR FOUR, AND IS RELATED TO CONCENTRATION RATIO (CR) PER THE FOLLOWING:

$$CR = \frac{RT \times 96}{PIDB \times 32}$$

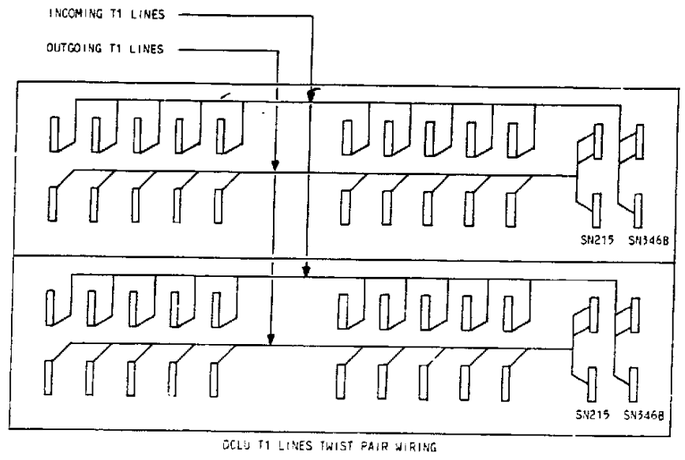
WHERE RT = NUMBER OF SLC-96 REMOTE TERMINALS, EITHER MODE I OR MODE II, CONNECTED TO THE DCLU. (MAX OF 10 RT'S)

PIDB = NUMBER OF PIDB'S CONNECTED TO DCLU, EITHER TWO OR FOUR. IF TWO ARE REQUIRED, USE THE "A" PIDB'S.

THE ABOVE EQUATION ASSUMES THAT THERE ARE 96 CUSTOMERS PER RT AND THAT THE RT IS FULLY EQUIPPED.

EQUIPMENT NOTES: (CONT.)

204. THE OUTGOING TIP AND RING LEADS (OT1OTOOA-09 AND OT1OROO-09) (1T1OT15A-24 AND 1T1CR15A-24) CONNECTING THE SDFI CIRCUIT PACKS TO THE T1CEQU SHALL RUN ALONG THE CENTER OF THE SHELF BACKPLANE. THE INCOMING TIP AND RING LEADS (OT1ITOO-09 AND OT1IROO-09) (1T1IT15-24 AND 1T1IR15-24) CONNECTING THE SDFI CIRCUIT PACKS TO THE JACK/TF SHALL RUN ALONG THE TOP OF THE SHELF BACKPLANE. SEE CAD 004.



DCLU T1 LINES TWIST PAIR WIRING

DIGITAL CARRIER LINE UNIT		DWG SIZE	ISSUE
		8S	1
AT&T	SD-50202-02		SHEET D2A

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.

302.

FEATURE OR OPTION				PROVIDE: APP FIG.	PROVIDE: APP OR WRG	PROVIDE: QUANTITY
PRINTED BACKPLANES AND SURFACE WIRING				1		ONE PER DCLU
COMMON PLUG-INS			CP SN346B	2		TWO EACH PER DCLU
			CP UN120			
			CP UN121			
			PU494LA			
T1/T1C EQUALIZER	CABLE LENGTH (FEET)	ABAM OR 600 TYPE CABLE	CODE 1249 CABLE			ONE EQUALIZER PER DCLU SHELF
		0-133	0-90	3		
		134-267	91-180	4		
		268-400	181-270	5		
		401-533	271-360	6		
		534-655	361-450	7		
DIGITAL FACILITY INTERFACE FOR SLC-96 (SEE NOTE 308)				8		UP TO A MAXIMUM OF 20 PER DCLU

INFORMATION NOTES: (CONT)

303. RECORD OF FIGURES, WIRING AND APPARATUS CHANGES

CHANGES ON ISSUE	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT: AVAIL	USE IN CIRCUIT: DA
2B		Z	307		
2B		Y	307	✓	

304.

CIRCUIT PACK CODE OF MICROCODE	COMMON LANGUAGE EQUIPMENT IDENTIFICATION CODE (CLEI)
MC5D204A1 (ANN4)	E5DT[illegible]
MC5D204A1B (ANN4B)	E5DT[illegible]00AA
SN215	E5DT[illegible]00AXX
SN216	E5DT400AXX
SN217	E5DT500AXX
SN218	E5DT600AXX
SN219	E5DT700AXX
SN346B	E5PQ08CAXX
UN120	E5PQ22GAXX
UN121	E5PQ22[illegible]AXX
494LA (POWER UNIT)	PWPQ53XAXX

305. THE INCOMING TIP AND RING LEADS (T1IT009-09 AND T1IR00-09) (T1IT15-24 AND T1IR15-24) CONNECTING THE SDFI CIRCUIT PACKS TO THE JACK/TF ARE USED FOR DSX-1 CABLE TERMINATION ONLY, AND ARE NOT USED BY THE PWRSTRT CIRCUIT.

306. AT&T CODE 1249 CABLE IS A NEW LOW COST REDUCED, [illegible] REDUCED CABLE ALTERNATIVE TO THE ABAM OR 600 TYPE USED FOR T1 OFFICE CABLING. THE 1249 IS RECOMMENDED FOR USE EXCEPT IN PBX APPLICATIONS OR WHEN THE LENGTH EXCEEDS 450 FT. IN WHICH CASE THE ABAM OR 600 TYPE MUST BE USED.

307. THE CIRCUITRY OF THE ANN4B IS IDENTICAL TO THE ANN4 EXCEPT FOR THE POWER MODULE WHICH GIVES THE ANN4B A WIDER OPERATIONAL VOLTAGE RANGE OF -39.5 VOLTS TO -60 VOLTS.

308.

MICROCODE PER CIRCUIT PACK	OPTION
MC5D204A1 (ANN4)	Z
MC5D204A1B (ANN4B)	Y

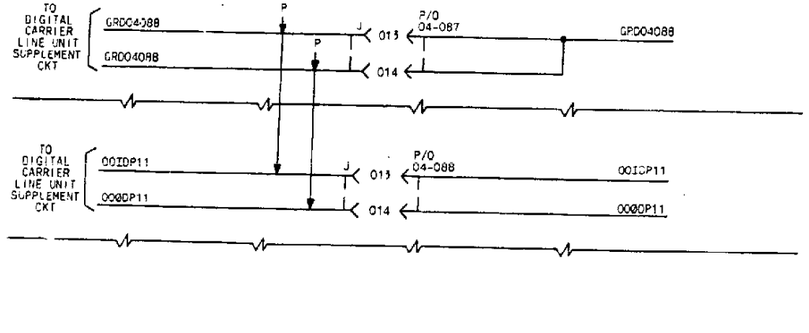
DIGITAL CARRIER LINE UNIT

AT&T	SD-50202-02	DWG SIZE BS	ISSUE 2B	SHEET D3A

NOTES:

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

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				11-179	LUG	.....			
TO CONN CKT	FRGRD8			008	FRGRD8	13-008 CP	001		



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

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-087	TF				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088 GRD04088		P006 P007	013 014	GPD04088 GPD04088				
.....J				04-038	JACK/CP				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	00IDP11 000DP11		P006 P007	013 014	00IDP11 000DP11				

DIGITAL CARRIER LINE UNIT			
		OWG SIZE	ISSUE
		8S	
AT&T	SD-5D202-02		SHEET GB1

CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER

A

DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
-48VA	P	02-007-001	04-010-102	1/1	
-48VARTN	G	02-015-001	04-010-001	1/1	
-48VB	P	11-179-000	13-010-102	2/1	
-48VBRTN	G	11-179-004	13-010-001	2/1	
FRGRDA	G	02-179-008	04-088-001	1/8	
FRGRDB	G	11-179-008	13-088-001	2/8	
GRD04027	G	04-018-053	04-010-052	1/1	
GRD04027	G	04-018-054	04-010-052	1/1	
GRD04027	G	04-018-055	04-010-052	1/1	
GRD04027	G	04-018-056	04-010-052	1/1	
GRD04027	G	04-010-051	04-010-052	1/1	
GRD04027	G	04-010-052	04-010-052	1/1	
GRD04027	G	04-010-053	04-010-052	1/1	
GRD04027	G	04-010-054	04-010-052	1/1	
GRD04027	G	04-010-055	04-010-052	1/1	
GRD04027	G	04-010-056	04-010-052	1/1	
GRD04027	G	04-018-051	04-010-052	1/1	
GRD04027	G	04-018-052	04-010-052	1/1	
GRD04088	G	04-088-513	13-129-254	2/11	
GRD04088	G	04-094-040	13-129-254	2/11	
GRD04088	G	04-094-042	13-129-254	2/11	
GRD04088	G	04-094-013	13-129-254	2/11	
GRD04088	G	04-087-023	13-129-254	2/11	
GRD04088	G	04-087-024	13-129-254	2/11	
GRD04088	G	04-094-021	13-129-254	2/11	
GRD04088	G	04-094-036	13-129-254	2/11	
GRD04088	G	04-087-021	13-129-254	2/11	
GRD04088	G	04-087-022	13-129-254	2/11	
GRD04088	G	04-087-020	13-129-254	2/11	
GRD04088	G	04-094-019	13-129-254	2/11	
GRD04088	G	04-094-034	13-129-254	2/11	
GRD04088	G	04-094-053	13-129-254	2/11	
GRD04088	G	04-094-017	13-129-254	2/11	
GRD04088	G	04-094-032	13-129-254	2/11	
GRD04088	G	04-094-015	13-129-254	2/11	
GRD04088	G	04-094-055	13-129-254	2/11	
GRD04088	G	04-088-018	13-129-254	2/11	
GRD04088	G	04-094-011	13-129-254	2/11	
GRD04088	G	04-088-506	13-129-254	2/11	
GRD04088	G	04-094-049	13-129-254	2/11	
GRD04088	G	04-094-051	13-129-254	2/11	
GRD04088	G	04-094-045	13-129-254	2/11	
GRD04088	G	04-094-047	13-129-254	2/11	
GRD04088	G	04-088-539	13-129-254	2/11	
GRD04088	G	04-088-545	13-129-254	2/11	
GRD04088	G	04-088-551	13-129-254	2/11	
GRD04088	G	04-087-018	13-129-254	2/11	
GRD04088	G	04-087-019	13-129-254	2/11	
GRD04088	G	04-087-017	13-129-254	2/11	
GRD04088	G	04-094-056	13-129-254	2/11	
GRD04088	G	04-094-048	13-129-254	2/11	
GRD04088	G	04-094-054	13-129-254	2/11	
GRD04088	G	04-094-052	13-129-254	2/11	
GRD04088	G	04-094-050	13-129-254	2/11	
GRD04088	G	04-094-046	13-129-254	2/11	
GRD04088	G	04-087-005	13-129-254	2/11	
GRD04088	G	04-094-008	13-129-254	2/11	
GRD04088	G	04-094-009	13-129-254	2/11	
GRD04088	G	04-094-006	13-129-254	2/11	
GRD04088	G	04-094-007	13-129-254	2/11	
GRD04088	G	04-088-024	13-129-254	2/11	
GRD04088	G	04-094-041	13-129-254	2/11	
GRD04088	G	04-094-039	13-129-254	2/11	
GRD04088	G	04-094-043	13-129-254	2/11	
GRD04088	G	04-094-022	13-129-254	2/11	

ELEMENT IDENTIFIER (CONT)

A

DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD04088	G	04-094-035	13-129-254	2/11	
GRD04088	G	04-094-024	13-129-254	2/11	
GRD04088	G	04-094-037	13-129-254	2/11	
GRD04088	G	04-094-020	13-129-254	2/11	
GRD04088	G	04-094-033	13-129-254	2/11	
GRD04088	G	04-094-018	13-129-254	2/11	
GRD04088	G	04-087-015	13-129-254	2/11	
GRD04088	G	04-094-010	13-129-254	2/11	
GRD04088	G	04-087-016	13-129-254	2/11	
GRD04088	G	04-094-016	13-129-254	2/11	
GRD04088	G	04-094-014	13-129-254	2/11	
GRD04088	G	04-087-009	13-129-254	2/11	
GRD04088	G	04-087-010	13-129-254	2/11	
GRD04088	G	04-088-005	13-129-254	2/11	
GRD04088	G	04-087-007	13-129-254	2/11	
GRD04088	G	04-087-008	13-129-254	2/11	
GRD04088	G	04-087-006	13-129-254	2/11	
GRD04088	G	04-087-013	13-129-254	2/11	
GRD04088	G	04-087-014	13-129-254	2/11	
GRD04088	G	04-088-532	13-129-254	2/11	
GRD04088	G	04-088-519	13-129-254	2/11	
GRD04088	G	04-094-023	13-129-254	2/11	
GRD04088	G	04-094-038	13-129-254	2/11	
GRD04108	G	04-114-014	04-108-001	1/10	
GRD04108	G	04-114-022	04-108-001	1/10	
GRD04108	G	04-114-009	04-108-001	1/10	
GRD04108	G	04-114-011	04-108-001	1/10	
GRD04108	G	04-114-007	04-108-001	1/10	
GRD04108	G	04-114-016	04-108-001	1/10	
GRD04108	G	04-114-018	04-108-001	1/10	
GRD04108	G	04-114-005	04-108-001	1/10	
GRD04108	G	04-114-020	04-108-001	1/10	
GRD04108	G	04-114-024	04-108-001	1/10	
GRD04108	G	04-107-020	04-108-001	1/10	
GRD04108	G	04-107-021	04-108-001	1/10	
GRD04108	G	04-107-022	04-108-001	1/10	
GRD04108	G	04-107-023	04-108-001	1/10	
GRD04108	G	04-114-013	04-108-001	1/10	
GRD04108	G	04-114-021	04-108-001	1/10	
GRD04108	G	04-114-019	04-108-001	1/10	
GRD04108	G	04-114-023	04-108-001	1/10	
GRD04108	G	04-107-016	04-108-001	1/10	
GRD04108	G	04-107-013	04-108-001	1/10	
GRD04108	G	04-107-015	04-108-001	1/10	
GRD04108	G	04-114-010	04-108-001	1/10	
GRD04108	G	04-114-006	04-108-001	1/10	
GRD04108	G	04-114-015	04-108-001	1/10	
GRD04108	G	04-107-024	04-108-001	1/10	
GRD04108	G	04-107-019	04-108-001	1/10	
GRD04108	G	04-107-014	04-108-001	1/10	
GRD04108	G	04-114-008	04-108-001	1/10	
GRD04108	G	04-114-017	04-108-001	1/10	
GRD04108	G	04-114-004	04-108-001	1/10	
GRD04108	G	04-107-004	04-108-001	1/10	
GRD04108	G	04-107-005	04-108-001	1/10	
GRD04108	G	04-107-006	04-108-001	1/10	
GRD04108	G	04-107-007	04-108-001	1/10	
GRD04108	G	04-107-009	04-108-001	1/10	
GRD04108	G	04-107-010	04-108-001	1/10	
GRD04108	G	04-107-008	04-108-001	1/10	
GRD04108	G	04-107-011	04-108-001	1/10	
GRD04108	G	04-107-017	04-108-001	1/10	
GRD04108	G	04-107-018	04-108-001	1/10	
GRD13027	G	13-010-055	13-010-051	2/1	

ELEMENT IDENTIFIER (CONT)

A

DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD13027	G	13-010-056	13-010-051	2/1	
GRD13027	G	13-018-051	13-010-051	2/1	
GRD13027	G	13-018-052	13-010-051	2/1	
GRD13027	G	13-018-053	13-010-051	2/1	
GRD13027	G	13-018-054	13-010-051	2/1	
GRD13027	G	13-018-055	13-010-051	2/1	
GRD13027	G	13-018-056	13-010-051	2/1	
GRD13027	G	13-010-051	13-010-051	2/1	
GRD13027	G	13-010-052	13-010-051	2/1	
GRD13027	G	13-010-053	13-010-051	2/1	
GRD13027	G	13-010-054	13-010-051	2/1	
GRD13088	G	13-094-046	04-129-254	1/11	
GRD13088	G	13-094-056	04-129-254	1/11	
GRD13088	G	13-094-037	04-129-254	1/11	
GRD13088	G	13-094-024	04-129-254	1/11	
GRD13088	G	13-094-035	04-129-254	1/11	
GRD13088	G	13-094-054	04-129-254	1/11	
GRD13088	G	13-094-008	04-129-254	1/11	
GRD13088	G	13-088-506	04-129-254	1/11	
GRD13088	G	13-094-032	04-129-254	1/11	
GRD13088	G	13-094-036	04-129-254	1/11	
GRD13088	G	13-088-513	04-129-254	1/11	
GRD13088	G	13-094-040	04-129-254	1/11	
GRD13088	G	13-088-538	04-129-254	1/11	
GRD13088	G	13-094-034	04-129-254	1/11	
GRD13088	G	13-094-038	04-129-254	1/11	
GRD13088	G	13-088-519	04-129-254	1/11	
GRD13088	G	13-094-049	04-129-254	1/11	
GRD13088	G	13-094-006	04-129-254	1/11	
GRD13088	G	13-094-010	04-129-254	1/11	
GRD13088	G	13-094-021	04-129-254	1/11	
GRD13088	G	13-094-017	04-129-254	1/11	
GRD13088	G	13-094-015	04-129-254	1/11	
GRD13088	G	13-094-023	04-129-254	1/11	
GRD13088	G	13-094-013	04-129-254	1/11	
GRD13088	G	13-094-019	04-129-254	1/11	
GRD13088	G	13-087-017	04-129-254	1/11	
GRD13088	G	13-087-021	04-129-254	1/11	
GRD13088	G	13-087-013	04-129-254	1/11	
GRD13088	G	13-087-019	04-129-254	1/11	
GRD13088	G	13-087-015	04-129-254	1/11	
GRD13088	G	13-087-023	04-129-254	1/11	
GRD13088	G	13-088-005	04-129-254	1/11	
GRD13088	G	13-087-009	04-129-254	1/11	
GRD13088	G	13-087-006	04-129-254	1/11	
GRD13088	G	13-087-008	04-129-254	1/11	
GRD13088	G	13-094-051	04-129-254	1/11	
GRD13088	G	13-094-042	04-129-254	1/11	
GRD13088	G	13-094-050	04-129-254	1/11	
GRD13088	G	13-094-041	04-129-254	1/11	
GRD13088	G	13-094-048	04-129-254	1/11	
GRD13088	G	13-094-039	04-129-254	1/11	
GRD13088	G	13-087-016	04-129-254	1/11	
GRD13088	G	13-094-016	04-129-254	1/11	
GRD13088	G	13-094-052	04-129-254	1/11	
GRD13088	G	13-094-043	04-129-254	1/11	
GRD13088	G	13-094-020	04-129-254	1/11	
GRD13088	G	13-094-014	04-129-254	1/11	
GRD13088	G	13-094-022	04-129-254	1/11	
GRD13088	G	13-087-020	04-129-254	1/11	
GRD13088	G	13-094-018	04-129-254	1/11	
GRD13088	G	13-088-545	04-129-254	1/11	
GRD13088	G	13-094-045	04-129-254	1/11	
GRD13088	G	13-094-055	04-129-254	1/11	
GRD13088	G	13-094-047	04-129-254	1/11	

ELEMENT IDENTIFIER (CONT)

A

DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD13088	G	13-087-010	04-129-254	1/11	
GRD13088	G	13-087-007	04-129-254	1/11	
GRD13088	G	13-087-005	04-129-254	1/11	
GRD13088	G	13-094-007	04-129-254	1/11	
GRD13088	G	13-094-011	04-129-254	1/11	
GRD13088	G	13-087-024	04-129-254	1/11	
GRD13088	G	13-088-024	04-129-254	1/11	
GRD13088	G	13-094-009	04-129-254	1/11	
GRD13088	G	13-094-053	04-129-254	1/11	
GRD13088	G	13-088-551	04-129-254	1/11	
GRD13088	G	13-088-532	04-129-254	1/11	
GRD13088	G	13-087-018	04-129-254	1/11	
GRD13088	G	13-087-014	04-129-254	1/11	
GRD13088	G	13-087-022	04-129-254	1/11	
GRD13088	G	13-088-018	04-129-254	1/11	
GRD13088	G	13-094-033	04-129-254	1/11	
GRD13108	G	13-114-005	13-108-001	2/10	
GRD13108	G	13-114-008	13-108-001	2/10	
GRD13108	G	13-114-021	13-108-001	2/10	
GRD13108	G	13-107-017	13-108-001	2/10	
GRD13108	G	13-107-021	13-108-001	2/10	
GRD13108	G	13-107-010	13-108-001	2/10	
GRD13108	G	13-107-015	13-108-001	2/10	
GRD13108	G	13-107-019	13-108-001	2/10	
GRD13108	G	13-114-015	13-108-001	2/10	
GRD13108	G	13-114-004	13-108-001	2/10	
GRD13108	G	13-114-017	13-108-001	2/10	
GRD13108	G	13-114-019	13-108-001	2/10	
GRD13108	G	13-114-006	13-108-001	2/10	
GRD13108	G	13-107-023	13-108-001	2/10	
GRD13108	G	13-114-013	13-108-001	2/10	
GRD13108	G	13-114-010	13-108-001	2/10	
GRD13108	G	13-114-023	13-108-001	2/10	
GRD13108	G	13-114-022	13-108-001	2/10	
GRD13108	G	13-114-020	13-108-001	2/10	
GRD13108	G	13-114-007	13-108-001	2/10	
GRD13108	G	13-114-009	13-108-001	2/10	
GRD13108	G	13-107-004	13-108-001	2/10	
GRD13108	G	13-107-013	13-108-001	2/10	
GRD13108	G	13-107-008	13-108-001	2/10	
GRD13108	G	13-107-006	13-108-001	2/10	
GRD13108	G	13-107-024	13-108-001	2/10	
GRD13108	G	13-114-011	13-108-001	2/10	
GRD13108	G	13-114-016	13-108-001	2/10	
GRD13108	G	13-114-018	13-108-001	2/10	
GRD13108	G	13-114-014	13-108-001	2/10	
GRD13108	G	13-114-024	13-108-001	2/10	
GRD13108	G	13-107-007	13-108-001	2/10	
GRD13108	G	13-107-005	13-108-001	2/10	
GRD13108	G	13-107-014	13-108-001	2/10	
GRD13108	G	13-107-009	13-108-001	2/10	
GRD13108	G	13-107-018	13-108-001	2/10	
GRD13108	G	13-107-022	13-108-001	2/10	
GRD13108	G	13-107-016	13-108-001	2/10	
GRD13108	G	13-107-020	13-108-001	2/10	
GRD13108	G	13-107-011	13-108-001	2/10	

DIGITAL CARRIER LINE UNIT

DWG SIZE D2 | ISSUE 1

AT&T | SD-5D202-02 | GB2

CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER (CONT)

A

DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
0T1IR00	I	04-010-015	04-010-015	1/1	
0T1IR01	I	04-010-017	04-010-017	1/1	
0T1IR02	I	04-010-021	04-010-021	1/1	
0T1IR03	I	04-010-023	04-010-023	1/1	
0T1IR04	I	04-010-034	04-010-034	1/1	
0T1IR05	I	04-010-036	04-010-036	1/1	
0T1IR06	I	04-010-040	04-010-040	1/1	
0T1IR07	I	04-010-042	04-010-042	1/1	
0T1IR08	I	04-010-047	04-010-047	1/1	
0T1IR09	I	04-010-049	04-010-049	1/1	
0T1IT00	I	04-010-016	04-010-016	1/1	
0T1IT01	I	04-010-018	04-010-018	1/1	
0T1IT02	I	04-010-022	04-010-022	1/1	
0T1IT03	I	04-010-024	04-010-024	1/1	
0T1IT04	I	04-010-035	04-010-035	1/1	
0T1IT05	I	04-010-037	04-010-037	1/1	
0T1IT06	I	04-010-041	04-010-041	1/1	
0T1IT07	I	04-010-043	04-010-043	1/1	
0T1IT08	I	04-010-048	04-010-048	1/1	
0T1IT09	I	04-010-050	04-010-050	1/1	
0T1OR00A	O	04-018-015	04-018-015	1/2	
0T1OR01A	O	04-018-017	04-018-017	1/2	
0T1OR02A	O	04-018-021	04-018-021	1/2	
0T1OR03A	O	04-018-023	04-018-023	1/2	
0T1OR04A	O	04-018-034	04-018-034	1/2	
0T1OR05A	O	04-018-036	04-018-036	1/2	
0T1OR06A	O	04-018-040	04-018-040	1/2	
0T1OR07A	O	04-018-042	04-018-042	1/2	
0T1OR08A	O	04-018-047	04-018-047	1/2	
0T1OR09A	O	04-018-049	04-018-049	1/2	
0T1OT00A	O	04-018-016	04-018-016	1/2	
0T1OT01A	O	04-018-018	04-018-018	1/2	
0T1OT02A	O	04-018-022	04-018-022	1/2	
0T1OT03A	O	04-018-024	04-018-024	1/2	
0T1OT04A	O	04-018-035	04-018-035	1/2	
0T1OT05A	O	04-018-037	04-018-037	1/2	
0T1OT06A	O	04-018-041	04-018-041	1/2	
0T1OT07A	O	04-018-043	04-018-043	1/2	
0T1OT08A	O	04-018-048	04-018-048	1/2	
0T1OT09A	O	04-018-050	04-018-050	1/2	
00ACN	I	04-088-048	04-088-048	1/8	
00ACP	I	04-088-148	04-088-148	1/8	
00AION	O	04-088-050	04-088-050	1/8	
00AIDP	O	04-088-150	04-088-150	1/8	
00ANINTN	O	04-088-046	04-088-046	1/8	
00ANINTP	O	04-088-146	04-088-146	1/8	
00AODN	I	04-088-049	04-088-049	1/8	
00AODP	I	04-088-149	04-088-149	1/8	
00APBIN	O	04-108-150	04-108-150	1/10	
00APBIP	O	04-108-050	04-108-050	1/10	
00APBON	I	04-108-149	04-108-149	1/10	
00APBOP	I	04-108-049	04-108-049	1/10	
00ASN	I	04-088-047	04-088-047	1/8	
00ASP	I	04-088-147	04-088-147	1/8	
00A4MCN	I	04-108-152	04-108-152	1/10	
00A4MCP	I	04-108-052	04-108-052	1/10	
00A8KSN	I	04-108-151	04-108-151	1/10	
00A8KSP	I	04-108-051	04-108-051	1/10	
00BCN	I	04-088-035	04-088-035	1/8	
00BCP	I	04-088-135	04-088-135	1/8	
00BION	O	04-088-037	04-088-037	1/8	
00BIDP	O	04-088-137	04-088-137	1/8	
00BNINTN	O	04-088-033	04-088-033	1/8	
00BNINTP	O	04-088-133	04-088-133	1/8	
00BODN	I	04-088-036	04-088-036	1/8	

ELEMENT IDENTIFIER (CONT)

A

DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
00BODP	I	04-088-136	04-088-136	1/8	
00BPBIN	O	04-108-137	04-108-137	1/10	
00BPBIP	O	04-108-037	04-108-037	1/10	
00BPBON	I	04-108-136	04-108-136	1/10	
00BPBOP	I	04-108-036	04-108-036	1/10	
00BSN	I	04-088-034	04-088-034	1/8	
00BSP	I	04-088-134	04-088-134	1/8	
00B4MCN	I	04-108-139	04-108-139	1/10	
00B4MCP	I	04-108-039	04-108-039	1/10	
00B8KSN	I	04-108-138	04-108-138	1/10	
00B8KSP	I	04-108-038	04-108-038	1/10	
00CP10	O	04-088-008	04-088-008	1/8	
00CP11	O	04-088-015	04-088-015	1/8	
00CP12	O	04-088-021	04-088-021	1/8	
00CP13	O	04-088-548	04-088-548	1/8	
00CP14	O	04-088-554	04-088-554	1/8	
00IDP10	I	04-088-006	04-088-006	1/8	
00IDP11	I	04-088-013	04-088-013	1/8	
00IDP12	I	04-088-019	04-088-019	1/8	
00IDP13	I	04-088-550	04-088-550	1/8	
00IDP14	I	04-088-556	04-088-556	1/8	
00NITP10	I	04-088-010	04-088-010	1/8	
00NITP11	I	04-088-017	04-088-017	1/8	
00NITP12	I	04-088-023	04-088-023	1/8	
00NITP13	I	04-088-546	04-088-546	1/8	
00NITP14	I	04-088-552	04-088-552	1/8	
00ODP10	O	04-088-007	04-088-007	1/8	
00ODP11	O	04-088-014	04-088-014	1/8	
00ODP12	O	04-088-020	04-088-020	1/8	
00ODP13	O	04-088-549	04-088-549	1/8	
00ODP14	O	04-088-555	04-088-555	1/8	
00PBIN10	I	04-108-006	04-108-006	1/10	
00PBIN11	I	04-108-010	04-108-010	1/10	
00PBIN12	I	04-108-015	04-108-015	1/10	
00PBIN13	I	04-108-019	04-108-019	1/10	
00PBIN14	I	04-108-023	04-108-023	1/10	
00PBON10	O	04-108-007	04-108-007	1/10	
00PBON11	O	04-108-011	04-108-011	1/10	
00PBON12	O	04-108-016	04-108-016	1/10	
00PBON13	O	04-108-020	04-108-020	1/10	
00PBON14	O	04-108-024	04-108-024	1/10	
00SP10	O	04-088-009	04-088-009	1/8	
00SP11	O	04-088-016	04-088-016	1/8	
00SP12	O	04-088-022	04-088-022	1/8	
00SP13	O	04-088-547	04-088-547	1/8	
00SP14	O	04-088-553	04-088-553	1/8	
004MCN10	O	04-108-004	04-108-004	1/10	
004MCN11	O	04-108-008	04-108-008	1/10	
004MCN12	O	04-108-013	04-108-013	1/10	
004MCN13	O	04-108-017	04-108-017	1/10	
004MCN14	O	04-108-021	04-108-021	1/10	
008KSN10	O	04-108-005	04-108-005	1/10	
008KSN11	O	04-108-009	04-108-009	1/10	
008KSN12	O	04-108-014	04-108-014	1/10	
008KSN13	O	04-108-018	04-108-018	1/10	
008KSN14	O	04-108-022	04-108-022	1/10	
01ACN	I	04-088-054	04-088-054	1/8	
01ACP	I	04-088-154	04-088-154	1/8	
01AION	O	04-088-056	04-088-056	1/8	
01AIDP	O	04-088-156	04-088-156	1/8	
01ANINTN	O	04-088-052	04-088-052	1/8	
01ANINTP	O	04-088-152	04-088-152	1/8	
01AODN	I	04-088-055	04-088-055	1/8	
01AODP	I	04-088-155	04-088-155	1/8	
01APBIN	O	04-108-154	04-108-154	1/10	

ELEMENT IDENTIFIER (CONT)

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DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
01APBIP	O	04-108-054	04-108-054	1/10	
01APBON	I	04-108-153	04-108-153	1/10	
01APBOP	I	04-108-053	04-108-053	1/10	
01ASN	I	04-088-053	04-088-053	1/8	
01ASP	I	04-088-153	04-088-153	1/8	
01A4MCN	I	04-108-156	04-108-156	1/10	
01A4MCP	I	04-108-056	04-108-056	1/10	
01A8KSN	I	04-108-155	04-108-155	1/10	
01A8KSP	I	04-108-055	04-108-055	1/10	
01BCN	I	04-088-041	04-088-041	1/8	
01BCP	I	04-088-141	04-088-141	1/8	
01BION	O	04-088-043	04-088-043	1/8	
01BIDP	O	04-088-143	04-088-143	1/8	
01BNINTN	O	04-088-039	04-088-039	1/8	
01BNINTP	O	04-088-139	04-088-139	1/8	
01BODN	I	04-088-042	04-088-042	1/8	
01BODP	I	04-088-142	04-088-142	1/8	
01BPBIN	O	04-108-141	04-108-141	1/10	
01BPBIP	O	04-108-041	04-108-041	1/10	
01BPBON	I	04-108-140	04-108-140	1/10	
01BPBOP	I	04-108-040	04-108-040	1/10	
01BSN	I	04-088-040	04-088-040	1/8	
01BSP	I	04-088-140	04-088-140	1/8	
01B4MCN	I	04-108-143	04-108-143	1/10	
01B4MCP	I	04-108-043	04-108-043	1/10	
01B8KSN	I	04-108-142	04-108-142	1/10	
01B8KSP	I	04-108-042	04-108-042	1/10	
01CP26	O	04-088-509	04-088-509	1/8	
01CP27	O	04-088-516	04-088-516	1/8	
01CP28	O	04-088-522	04-088-522	1/8	
01CP29	O	04-088-535	04-088-535	1/8	
01CP30	O	04-088-541	04-088-541	1/8	
01IDP26	I	04-088-511	04-088-511	1/8	
01IDP27	I	04-088-518	04-088-518	1/8	
01IDP28	I	04-088-524	04-088-524	1/8	
01IDP29	I	04-088-537	04-088-537	1/8	
01IDP30	I	04-088-543	04-088-543	1/8	
01NITP26	I	04-088-507	04-088-507	1/8	
01NITP27	I	04-088-514	04-088-514	1/8	
01NITP28	I	04-088-520	04-088-520	1/8	
01NITP29	I	04-088-533	04-088-533	1/8	
01NITP30	I	04-088-539	04-088-539	1/8	
01ODP26	O	04-088-510	04-088-510	1/8	
01ODP27	O	04-088-517	04-088-517	1/8	
01ODP28	O	04-088-523	04-088-523	1/8	
01ODP29	O	04-088-536	04-088-536	1/8	
01ODP30	O	04-088-542	04-088-542	1/8	
01PBIN26	I	04-108-505	04-108-505	1/10	
01PBIN27	I	04-108-509	04-108-509	1/10	
01PBIN28	I	04-108-514	04-108-514	1/10	
01PBIN29	I	04-108-518	04-108-518	1/10	
01PBIN30	I	04-108-522	04-108-522	1/10	
01PBON26	O	04-108-504	04-108-504	1/10	
01PBON27	O	04-108-508	04-108-508	1/10	
01PBON28	O	04-108-513	04-108-513	1/10	
01PBON29	O	04-108-517	04-108-517	1/10	
01PBON30	O	04-108-521	04-108-521	1/10	
01SP26	O	04-088-508	04-088-508	1/8	
01SP27	O	04-088-515	04-088-515	1/8	
01SP28	O	04-088-521	04-088-521	1/8	
01SP29	O	04-088-534	04-088-534	1/8	
01SP30	O	04-088-540	04-088-540	1/8	
014MCN26	O	04-108-507	04-108-507	1/10	
014MCN27	O	04-108-511	04-108-511	1/10	

ELEMENT IDENTIFIER (CONT)

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DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
014MCN28	O	04-108-516	04-108-516	1/10	
014MCN29	O	04-108-520	04-108-520	1/10	
014MCN30	O	04-108-524	04-108-524	1/10	
018KSN26	O	04-108-506	04-108-506	1/10	
018KSN27	O	04-108-510	04-108-510	1/10	
018KSN28	O	04-108-515	04-108-515	1/10	
018KSN29	O	04-108-519	04-108-519	1/10	
018KSN30	O	04-108-523	04-108-523	1/10	
1T1IR15	I	13-010-015	13-010-015	2/1	
1T1IR16	I	13-010-017	13-010-017	2/1	
1T1IR17	I	13-010-021	13-010-021	2/1	
1T1IR18	I	13-010-023	13-010-023	2/1	
1T1IR19	I	13-010-034	13-010-034	2/1	
1T1IR20	I	13-010-036	13-010-036	2/1	
1T1IR21	I	13-010-040	13-010-040	2/1	
1T1IR22	I	13-010-042	13-010-042	2/1	
1T1IR23	I	13-010-047	13-010-047	2/1	
1T1IR24	I	13-010-049	13-010-049	2/1	
1T1IT15	I	13-010-016	13-010-016	2/1	
1T1IT16	I	13-010-018	13-010-018	2/1	
1T1IT17	I	13-010-022	13-010-022	2/1	
1T1IT18	I	13-010-024	13-010-024	2/1	
1T1IT19	I	13-010-035	13-010-035	2/1	
1T1IT20	I	13-010-037	13-010-037	2/1	
1T1IT21	I	13-010-041	13-010-041	2/1	
1T1IT22	I	13-010-043	13-010-043	2/1	
1T1IT23	I	13-010-048	13-010-048	2/1	
1T1IT24	I	13-010-050	13-010-050	2/1	
1T1OR15A	O	13-018-015	13-018-015	2/2	
1T1OR16A	O	13-018-017	13-018-017	2/2	
1T1OR17A	O	13-018-021	13-018-021	2/2	
1T1OR18A	O	13-018-023	13-018-023	2/2	
1T1OR19A	O	13-018-034	13-018-034	2/2	
1T1OR20A	O	13-018-036	13-018-036	2/2	
1T1OR21A	O	13-018-040	13-018-040	2/2	
1T1OR22A	O	13-018-042	13-018-042	2/2	
1T1OR23A	O	13-018-047	13-018-047	2/2	
1T1OR24A	O	13-018-049	13-018-049	2/2	
1T1OT15A	O	13-018-016	13-018-016	2/2	
1T1OT16A	O	13-018-018	13-018-018	2/2	
1T1OT17A	O	13-018-022	13-018-022	2/2	
1T1OT18A	O	13-018-024	13-018-024	2/2	
1T1OT19A	O	13-018-035	13-018-035	2/2	
1T1OT20A	O	13-018-037	13-018-037	2/2	
1T1OT21A	O	13-018-041	13-018-041	2/2	
1T1OT22A	O	13-018-043	13-018-043	2/2	
1T1OT23A	O	13-018-048	13-018-048	2/2	
1T1OT24A	O	13-018-050	13-018-050	2/2	
10ACN	I	13-088-048	13-088-048	2/8	
10ACP	I	13-088-148	13-088-148	2/8	
10AION	O	13-088-050	13-088-050	2/8	
10AIDP	O	13-088-150	13-088-150	2/8	
10ANINTN	O	13-088-046	13-088-046	2/8	
10ANINTP	O	13-088-146	13-088-146	2/8	
10AODN	I	13-088-049	13-088-049	2/8	
10AODP	I	13-088-149	13-088-149	2/8	
10APBIN	O	13-108-150	13-108-150	2/10	

DIGITAL CARRIER LINE UNIT

DWG SIZE C2 | ISSUE 1

AT&T | SD-5D202-02 | GB3

CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER (CONT)

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DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
10APBIP	O	13-108-050	13-108-050	2/10	
10APBON	I	13-108-149	13-108-149	2/10	
10APBOP	I	13-108-049	13-108-049	2/10	
10ASN	I	13-088-047	13-088-047	2/8	
10ASP	I	13-088-147	13-088-147	2/8	
10A4MCN	I	13-108-152	13-108-152	2/10	
10A4MCP	I	13-108-052	13-108-052	2/10	
10A8KSN	I	13-108-151	13-108-151	2/10	
10A8KSP	I	13-108-051	13-108-051	2/10	
10BCN	I	13-088-035	13-088-035	2/8	
10BCP	I	13-088-135	13-088-135	2/8	
10BIDN	O	13-088-037	13-088-037	2/8	
10BIDP	O	13-088-137	13-088-137	2/8	
10BNINTN	O	13-088-033	13-088-033	2/8	
10BNINTP	O	13-088-133	13-088-133	2/8	
10BODN	I	13-088-036	13-088-036	2/8	
10BODP	I	13-088-136	13-088-136	2/8	
10BPBIN	O	13-108-137	13-108-137	2/10	
10BPBIP	O	13-108-037	13-108-037	2/10	
10BPBON	I	13-108-136	13-108-136	2/10	
10BPBOP	I	13-108-036	13-108-036	2/10	
10BSN	I	13-088-034	13-088-034	2/8	
10BSP	I	13-088-134	13-088-134	2/8	
10B4MCN	I	13-108-139	13-108-139	2/10	
10B4MCP	I	13-108-039	13-108-039	2/10	
10B8KSN	I	13-108-138	13-108-138	2/10	
10B8KSP	I	13-108-038	13-108-038	2/10	
10CP10	O	13-088-008	13-088-008	2/8	
10CP11	O	13-088-015	13-088-015	2/8	
10CP12	O	13-088-021	13-088-021	2/8	
10CP13	O	13-088-548	13-088-548	2/8	
10CP14	O	13-088-554	13-088-554	2/8	
10IDP10	I	13-088-006	13-088-006	2/8	
10IDP11	I	13-088-013	13-088-013	2/8	
10IDP12	I	13-088-019	13-088-019	2/8	
10IDP13	I	13-088-550	13-088-550	2/8	
10IDP14	I	13-088-556	13-088-556	2/8	
10NITP10	I	13-088-010	13-088-010	2/8	
10NITP11	I	13-088-017	13-088-017	2/8	
10NITP12	I	13-088-023	13-088-023	2/8	
10NITP13	I	13-088-546	13-088-546	2/8	
10NITP14	I	13-088-552	13-088-552	2/8	
10ODP10	O	13-088-007	13-088-007	2/8	
10ODP11	O	13-088-014	13-088-014	2/8	
10ODP12	O	13-088-020	13-088-020	2/8	
10ODP13	O	13-088-549	13-088-549	2/8	
10ODP14	O	13-088-555	13-088-555	2/8	
10PBIN10	I	13-108-006	13-108-006	2/10	
10PBIN11	I	13-108-010	13-108-010	2/10	
10PBIN12	I	13-108-015	13-108-015	2/10	
10PBIN13	I	13-108-019	13-108-019	2/10	
10PBIN14	I	13-108-023	13-108-023	2/10	
10PBON10	O	13-108-007	13-108-007	2/10	
10PBON11	O	13-108-011	13-108-011	2/10	
10PBON12	O	13-108-016	13-108-016	2/10	
10PBON13	O	13-108-020	13-108-020	2/10	
10PBON14	O	13-108-024	13-108-024	2/10	
10SP10	O	13-088-009	13-088-009	2/8	
10SP11	O	13-088-016	13-088-016	2/8	
10SP12	O	13-088-022	13-088-022	2/8	
10SP13	O	13-088-547	13-088-547	2/8	
10SP14	O	13-088-553	13-088-553	2/8	
104MCN10	O	13-108-004	13-108-004	2/10	
104MCN11	O	13-108-008	13-108-008	2/10	
104MCN12	O	13-108-013	13-108-013	2/10	

ELEMENT IDENTIFIER (CONT)

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DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
104MCN13	O	13-108-017	13-108-017	2/10	
104MCN14	O	13-108-021	13-108-021	2/10	
108KSN10	O	13-108-005	13-108-005	2/10	
108KSN11	O	13-108-009	13-108-009	2/10	
108KSN12	O	13-108-014	13-108-014	2/10	
108KSN13	O	13-108-018	13-108-018	2/10	
108KSN14	O	13-108-022	13-108-022	2/10	
11ACN	I	13-088-054	13-088-054	2/8	
11ACP	I	13-088-154	13-088-154	2/8	
11AIDN	O	13-088-056	13-088-056	2/8	
11AIDP	O	13-088-156	13-088-156	2/8	
11ANINTN	O	13-088-052	13-088-052	2/8	
11ANINTP	O	13-088-152	13-088-152	2/8	
11AODN	I	13-088-055	13-088-055	2/8	
11AODP	I	13-088-155	13-088-155	2/8	
11APBIN	O	13-108-154	13-108-154	2/10	
11APBIP	O	13-108-054	13-108-054	2/10	
11APBON	I	13-108-153	13-108-153	2/10	
11APBOP	I	13-108-053	13-108-053	2/10	
11ASN	I	13-088-053	13-088-053	2/8	
11ASP	I	13-088-153	13-088-153	2/8	
11A4MCN	I	13-108-156	13-108-156	2/10	
11A4MCP	I	13-108-056	13-108-056	2/10	
11A8KSN	I	13-108-155	13-108-155	2/10	
11A8KSP	I	13-108-055	13-108-055	2/10	
11BCN	I	13-088-041	13-088-041	2/8	
11BCP	I	13-088-141	13-088-141	2/8	
11BIDN	O	13-088-043	13-088-043	2/8	
11BIDP	O	13-088-143	13-088-143	2/8	
11BNINTN	O	13-088-039	13-088-039	2/8	
11BNINTP	O	13-088-139	13-088-139	2/8	
11BODN	I	13-088-042	13-088-042	2/8	
11BODP	I	13-088-142	13-088-142	2/8	
11BPBIN	O	13-108-141	13-108-141	2/10	
11BPBIP	O	13-108-041	13-108-041	2/10	
11BPBON	I	13-108-140	13-108-140	2/10	
11BPBOP	I	13-108-040	13-108-040	2/10	
11BSN	I	13-088-040	13-088-040	2/8	
11BSP	I	13-088-140	13-088-140	2/8	
11B4MCN	I	13-108-143	13-108-143	2/10	
11B4MCP	I	13-108-043	13-108-043	2/10	
11B8KSN	I	13-108-142	13-108-142	2/10	
11B8KSP	I	13-108-042	13-108-042	2/10	
11CP26	O	13-088-509	13-088-509	2/8	
11CP27	O	13-088-516	13-088-516	2/8	
11CP28	O	13-088-522	13-088-522	2/8	
11CP29	O	13-088-535	13-088-535	2/8	
11CP30	O	13-088-541	13-088-541	2/8	
11IDP26	I	13-088-511	13-088-511	2/8	
11IDP27	I	13-088-518	13-088-518	2/8	
11IDP28	I	13-088-524	13-088-524	2/8	
11IDP29	I	13-088-537	13-088-537	2/8	
11IDP30	I	13-088-543	13-088-543	2/8	
11NITP26	I	13-088-507	13-088-507	2/8	
11NITP27	I	13-088-514	13-088-514	2/8	
11NITP28	I	13-088-520	13-088-520	2/8	
11NITP29	I	13-088-533	13-088-533	2/8	
11NITP30	I	13-088-539	13-088-539	2/8	
11ODP26	O	13-088-510	13-088-510	2/8	
11ODP27	O	13-088-517	13-088-517	2/8	
11ODP28	O	13-088-523	13-088-523	2/8	
11ODP29	O	13-088-536	13-088-536	2/8	
11ODP30	O	13-088-542	13-088-542	2/8	
11PBIN26	I	13-108-505	13-108-505	2/10	

ELEMENT IDENTIFIER (CONT)

A

DIGITAL FACILITY INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
11PBIN27	I	13-108-509	13-108-509	2/10	
11PBIN28	I	13-108-514	13-108-514	2/10	
11PBIN29	I	13-108-518	13-108-518	2/10	
11PBIN30	I	13-108-522	13-108-522	2/10	
11PBON26	O	13-108-504	13-108-504	2/10	
11PBON27	O	13-108-508	13-108-508	2/10	
11PBON28	O	13-108-513	13-108-513	2/10	
11PBON29	O	13-108-517	13-108-517	2/10	
11PBON30	O	13-108-521	13-108-521	2/10	
11SP26	O	13-088-508	13-088-508	2/8	
11SP27	O	13-088-515	13-088-515	2/8	
11SP28	O	13-088-521	13-088-521	2/8	
11SP29	O	13-088-534	13-088-534	2/8	
11SP30	O	13-088-540	13-088-540	2/8	
114MCN26	O	13-108-507	13-108-507	2/10	
114MCN27	O	13-108-511	13-108-511	2/10	
114MCN28	O	13-108-516	13-108-516	2/10	
114MCN29	O	13-108-520	13-108-520	2/10	
114MCN30	O	13-108-524	13-108-524	2/10	
118KSN26	O	13-108-506	13-108-506	2/10	
118KSN27	O	13-108-510	13-108-510	2/10	
118KSN28	O	13-108-515	13-108-515	2/10	
118KSN29	O	13-108-519	13-108-519	2/10	
118KSN30	O	13-108-523	13-108-523	2/10	

DIGITAL CARRIER LINE UNIT

DWG SIZE D2 | ISSUE 1

AT&T | SD-5D202-02 | GB4

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CAD 002

P/O PERIPHERAL INTERFACE DATA BUS (SEE NOTE 203)

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	FROM CONNECTION: TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
				04-108	JACK/CP				
TO CONN CKT	00BPB0P		P000	036	00BPB0P				
	00BPB1P		P001	037	00BPB1P				
	00B8KSP		P002	038	00B8KSP				
	00B4MCP		P003	039	00B4MCP				
	00BPB0N		P000	136	00BPB0N				
	00BPB1N		P001	137	00BPB1N				
	00B8KSN		P002	138	00B8KSN				
	00B4MCN		P003	139	00B4MCN				
				04-108	JACK/CP				
TO CONN CKT	01BPB0P		P004	040	01BPB0P				
	01BPB1P		P005	041	01BPB1P				
	01B8KSP		P006	042	01B8KSP				
	01B4MCP		P007	043	01B4MCP				
	01BPB0N		P004	140	01BPB0N				
	01BPB1N		P005	141	01BPB1N				
	01B8KSN		P006	142	01B8KSN				
	01B4MCN		P007	143	01B4MCN				
				04-108	JACK/CP				
TO CONN CKT	00APB0P		P008	049	00APB0P				
	00APB1P		P009	050	00APB1P				
	00A8KSP		P010	051	00A8KSP				
	00A4MCP		P011	052	00A4MCP				
	00APB0N		P008	149	00APB0N				
	00APB1N		P009	150	00APB1N				
	00A8KSN		P010	151	00A8KSN				
	00A4MCN		P011	152	00A4MCN				
				04-108	JACK/CP				
TO CONN CKT	01APB0P		P012	053	01APB0P				
	01APB1P		P013	054	01APB1P				
	01A8KSP		P014	055	01A8KSP				
	01A4MCP		P015	056	01A4MCP				
	01APB0N		P012	153	01APB0N				
	01APB1N		P013	154	01APB1N				
	01A8KSN		P014	155	01A8KSN				
	01A4MCN		P015	156	01A4MCN				
				13-108	JACK/CP				
TO CONN CKT	10BPB0P		P016	036	10BPB0P				
	10BPB1P		P017	037	10BPB1P				
	10B8KSP		P018	038	10B8KSP				
	10B4MCP		P019	039	10B4MCP				
	10BPB0N		P016	136	10BPB0N				
	10BPB1N		P017	137	10BPB1N				
	10B8KSN		P018	138	10B8KSN				
	10B4MCN		P019	139	10B4MCN				
				13-108	JACK/CP				
TO CONN CKT	11BPB0P		P020	040	11BPB0P				
	11BPB1P		P021	041	11BPB1P				
	11B8KSP		P022	042	11B8KSP				
	11B4MCP		P023	043	11B4MCP				
	11BPB0N		P020	140	11BPB0N				
	11BPB1N		P021	141	11BPB1N				
	11B8KSN		P022	142	11B8KSN				
	11B4MCN		P023	143	11B4MCN				
				13-108	JACK/CP				
TO CONN CKT	10APB0P		P024	049	10APB0P				
	10APB1P		P025	050	10APB1P				
	10A8KSP		P026	051	10A8KSP				
	10A4MCP		P027	052	10A4MCP				
	10APB0N		P024	149	10APB0N				
	10APB1N		P025	150	10APB1N				
	10A8KSN		P026	151	10A8KSN				
	10A4MCN		P027	152	10A4MCN				

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(CONT'D)

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	FROM CONNECTION: TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
				13-108	JACK/CP				
TO CONN CKT	11APB0P		P028	053	11APB0P				
	11APB1P		P029	054	11APB1P				
	11A8KSP		P030	055	11A8KSP				
	11A4MCP		P031	056	11A4MCP				
	11APB0N		P028	153	11APB0N				
	11APB1N		P029	154	11APB1N				
	11A8KSN		P030	155	11A8KSN				
	11A4MCN		P031	156	11A4MCN				

CAD 003

P/O PERIPHERAL INTERFACE CONTROL BUS

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	FROM CONNECTION: TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
				04-088	JACK/CP				
	NC			032					
TO CONN CKT	00BNINTN		P000	033	00BNINTN				
	00BSN		P001	034	00BSN				
	00BCN		P002	035	00BCN				
	00BODN		P003	036	00BODN				
	00BIDN		P004	037	00BIDN				
	NC			132					
TO CONN CKT	00BNINTP		P000	133	00BNINTP				
	00BSP		P001	134	00BSP				
	00BCP		P002	135	00BCP				
	00BODP		P003	136	00BODP				
	00BIDP		P004	137	00BIDP				
				04-088	JACK/CP				
	NC			038					
TO CONN CKT	01BNINTN		P005	039	01BNINTN				
	01BSN		P006	040	01BSN				
	01BCN		P007	041	01BCN				
	01BODN		P008	042	01BODN				
	01BIDN		P009	043	01BIDN				
	NC			138					
TO CONN CKT	01BNINTP		P005	139	01BNINTP				
	01BSP		P006	140	01BSP				
	01BCP		P007	141	01BCP				
	01BODP		P008	142	01BODP				
	01BIDP		P009	143	01BIDP				
				04-088	JACK/CP				
	NC			045					
TO CONN CKT	00ANINTN		P010	046	00ANINTN				
	00ASN		P011	047	00ASN				
	00ACN		P012	048	00ACN				
	00AODN		P013	049	00AODN				
	00AIDN		P014	050	00AIDN				
	NC			145					
TO CONN CKT	00ANINTP		P010	146	00ANINTP				
	00ASP		P011	147	00ASP				
	00ACP		P012	148	00ACP				
	00AODP		P013	149	00AODP				
	00AIDP		P014	150	00AIDP				
				04-088	JACK/CP				
	NC			051					
TO CONN CKT	01ANINTN		P015	052	01ANINTN				
	01ASN		P016	053	01ASN				
	01ACN		P017	054	01ACN				
	01AODN		P018	055	01AODN				
	01AIDN		P019	056	01AIDN				
	NC			151					
TO CONN CKT	01ANINTP		P015	152	01ANINTP				
	01ASP		P016	153	01ASP				
	01ACP		P017	154	01ACP				
	01AODP		P018	155	01AODP				
	01AIDP		P019	156	01AIDP				

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(CONT'D)

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	FROM CONNECTION: TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
				13-088	JACK/CP				
	NC			032					
TO CONN CKT	10BNINTN		P020	033	10BNINTN				
	10BSN		P021	034	10BSN				
	10BCN		P022	035	10BCN				
	10BODN		P023	036	10BODN				
	10BIDN		P024	037	10BIDN				
	NC			132					
TO CONN CKT	10BNINTP		P020	133	10BNINTP				
	10BSP		P021	134	10BSP				
	10BCP		P022	135	10BCP				
	10BODP		P023	136	10BODP				
	10BIDP		P024	137	10BIDP				
				13-088	JACK/CP				
	NC			038					
TO CONN CKT	11BNINTN		P025	039	11BNINTN				
	11BSN		P026	040	11BSN				
	11BCN		P027	041	11BCN				
	11BODN		P028	042	11BODN				
	11BIDN		P029	043	11BIDN				
	NC			138					
TO CONN CKT	11BNINTP		P025	139	11BNINTP				
	11BSP		P026	140	11BSP				
	11BCP		P027	141	11BCP				
	11BODP		P028	142	11BODP				
	11BIDP		P029	143	11BIDP				
				13-088	JACK/CP				
	NC			045					
TO CONN CKT	10ANINTN		P030	046	10ANINTN				
	10ASN		P031	047	10ASN				
	10ACN		P032	048	10ACN				
	10AODN		P033	049	10AODN				
	10AIDN		P034	050	10AIDN				
	NC			145					
TO CONN CKT	10ANINTP		P030	146	10ANINTP				
	10ASP		P031	147	10ASP				
	10ACP		P032	148	10ACP				
	10AODP		P033	149	10AODP				
	10AIDP		P034	150	10AIDP				
				13-088	JACK/CP				
	NC			051					
TO CONN CKT	11ANINTN		P035	052	11ANINTN				
	11ASN		P036	053	11ASN				
	11ACN		P037	054	11ACN				
	11AODN		P038	055	11AODN				
	11AIDN		P039	056	11AIDN				
	NC			151					
TO CONN CKT	11ANINTP		P035	152	11ANINTP				
	11ASP		P036	153	11ASP				
	11ACP		P037	154	11ACP				
	11AODP		P038	155	11AODP				
	11AIDP		P039	156	11AIDP				

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
D2	1

AT&T	SD-5D202-02	GB5

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P/O T1 INTERFACE

TO CONNECTION — DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION — LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
				04-010	JACK/TF				
TO DSX-1	NC			045	NC				
	NC			046	NC				
	08R1	P008	047		OT1IR08	04-159-032			
	08T1	P008	048		OT1IT08	04-159-132			
	09R1	P009	049		OT1IR09	04-169-032			
	09T1	P009	050		OT1IT09	04-169-132			
	GRD04027		051		GRD04027	04-027-018			
	GRD04027		052		GRD04027	04-027-018			
	GRD04027		053		GRD04027	04-027-044			
	GRD04027		054		GRD04027	04-027-044			
	GRD04027		055		GRD04027	04-027-051			
	GRD04027		056		GRD04027	04-027-051			
	NC			145	NC				
	NC			146	NC				
	NC			147	NC				
	NC			148	NC				
	NC			149	NC				
	NC			150	NC				
	NC			151	NC				
	NC			152	NC				
	NC			153	NC				
	NC			154	NC				
	NC			155	NC				
	NC			156	NC				
				04-010	JACK/TF				
TO DSX-1	NC			032	NC				
	NC			033	NC				
	04R1	P004	034		OT1IR04	04-067-032			
	04T1	P004	035		OT1IT04	04-067-132			
	05R1	P005	036		OT1IR05	04-129-032			
	05T1	P005	037		OT1IT05	04-129-132			
	NC		038		NC				
	NC		039		NC				
	06R1	P006	040		OT1IR06	04-139-032			
	06T1	P006	041		OT1IT06	04-139-132			
	07R1	P007	042		OT1IR07	04-149-032			
	07T1	P007	043		OT1IT07	04-149-132			
	NC		132		NC				
	NC		133		NC				
	NC		134		NC				
	NC		135		NC				
	NC		136		NC				
	NC		137		NC				
	NC		138		NC				
	NC		139		NC				
	NC		140		NC				
	NC		141		NC				
	NC		142		NC				
	NC		143		NC				
				04-010	JACK/TF				
TO DSX-1	NC			013	NC				
	NC			014	NC				
	00R1	P000	015		OT1IR00	04-027-032			
	00T1	P000	016		OT1IT00	04-027-132			
	01R1	P001	017		OT1IR01	04-037-032			
	01T1	P001	018		OT1IT01	04-037-132			
	NC		019		NC				
	NC		020		NC				
	02R1	P002	021		OT1IR02	04-047-032			
	02T1	P002	022		OT1IT02	04-047-132			
	03R1	P003	023		OT1IR03	04-057-032			
	03T1	P003	024		OT1IT03	04-057-132			
	NC		113		NC				
	NC		114		NC				
	NC		115		NC				
	NC		116		NC				
	NC		117		NC				
	NC		118		NC				
	NC		119		NC				
	NC		120		NC				
	NC		121		NC				
	NC		122		NC				
	NC		123		NC				
	NC		124		NC				

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(CONT'D)

TO CONNECTION — DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION — LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
				04-018	JACK/CP				
TO DSX-1	NC			045	NC				
	NC			046	NC				
	008R	P018	047		OT1OR08A				
	008T	P018	048		OT1OT08A				
	009R	P019	049		OT1OR09A				
	009T	P019	050		OT1OT09A				
	GRD04027		051		GRD04027	04-027-118			
	GRD04027		052		GRD04027	04-027-118			
	GRD04027		053		GRD04027	04-027-144			
	GRD04027		054		GRD04027	04-027-144			
	GRD04027		055		GRD04027	04-027-151			
	GRD04027		056		GRD04027	04-027-151			
	NC			145	NC				
	NC			146	NC				
	NC			147	NC				
	NC			148	NC				
	NC			149	NC				
	NC			150	NC				
	NC			151	NC				
	NC			152	NC				
	NC			153	NC				
	NC			154	NC				
	NC			155	NC				
	NC			156	NC				
				04-018	JACK/CP				
TO DSX-1	NC			032	NC				
	NC			033	NC				
	004R	P014	034		OT1OR04A				
	004T	P014	035		OT1OT04A				
	005R	P015	036		OT1OR05A				
	005T	P015	037		OT1OT05A				
	NC		038		NC				
	NC		039		NC				
	006R	P016	040		OT1OR06A				
	006T	P016	041		OT1OT06A				
	007R	P017	042		OT1OR07A				
	007T	P017	043		OT1OT07A				
	NC		132		NC				
	NC		133		NC				
	NC		134		NC				
	NC		135		NC				
	NC		136		NC				
	NC		137		NC				
	NC		138		NC				
	NC		139		NC				
	NC		140		NC				
	NC		141		NC				
	NC		142		NC				
	NC		143		NC				
				04-018	JACK/CP				
TO DSX-1	NC			013	NC				
	NC			014	NC				
	000R	P010	015		OT1OR00A				
	000T	P010	016		OT1OT00A				
	001R	P011	017		OT1OR01A				
	001T	P011	018		OT1OT01A				
	NC		019		NC				
	NC		020		NC				
	002R	P012	021		OT1OR02A				
	002T	P012	022		OT1OT02A				
	003R	P013	023		OT1OR03A				
	003T	P013	024		OT1OT03A				
	NC		113		NC				
	NC		114		NC				
	NC		115		NC				
	NC		116		NC				
	NC		117		NC				
	NC		118		NC				
	NC		119		NC				
	NC		120		NC				
	NC		121		NC				
	NC		122		NC				
	NC		123		NC				
	NC		124		NC				

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(CONT'D)

TO CONNECTION — DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION — LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
				13-010	JACK/TF				
TO DSX-1	NC			045	NC				
	NC			046	NC				
	23R1	P028	047		1T1IR23	13-159-032			
	23T1	P028	048		1T1IT23	13-159-132			
	24R1	P029	049		1T1IR24	13-169-032			
	24T1	P029	050		1T1IT24	13-169-132			
	GRD13027		051		GRD13027	13-027-018			
	GRD13027		052		GRD13027	13-027-018			
	GRD13027		053		GRD13027	13-027-044			
	GRD13027		054		GRD13027	13-027-044			
	GRD13027		055		GRD13027	13-027-051			
	GRD13027		056		GRD13027	13-027-051			
	NC			145	NC				
	NC			146	NC				
	NC			147	NC				
	NC			148	NC				
	NC			149	NC				
	NC			150	NC				
	NC			151	NC				
	NC			152	NC				
	NC			153	NC				
	NC			154	NC				
	NC			155	NC				
	NC			156	NC				
				13-010	JACK/TF				
TO DSX-1	NC			032	NC				
	NC			033	NC				
	19R1	P024	034		1T1IR19	13-067-032			
	19T1	P024	035		1T1IT19	13-067-132			
	20R1	P025	036		1T1IR20	13-129-032			
	20T1	P025	037		1T1IT20	13-129-132			
	NC		038		NC				
	NC		039		NC				
	21R1	P026	040		1T1IR21	13-139-032			
	21T1	P026	041		1T1IT21	13-139-132			
	22R1	P027	042		1T1IR22	13-149-032			
	22T1	P027	043		1T1IT22	13-149-132			
	NC		132		NC				
	NC		133		NC				
	NC		134		NC				
	NC		135		NC				
	NC		136		NC				
	NC		137		NC				
	NC		138		NC				
	NC		139		NC				
	NC		140		NC				
	NC		141		NC				
	NC		142		NC				
	NC		143		NC				

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
D2	1

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CAD 004
(CONT'D)

—TO CONNECTION— DESTINATION	LEAD DESIG	METHOD	WIRE SYM	—FROM CONNECTION— TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
				13-010	JACK/TP				
TO DSX-1	NC			013	NC				
	NC			014	NC				
	15R1	P020	015	1T1IR15	13-027-032				
	15T1	P020	016	1T1IT15	13-027-132				
	16R1	P021	017	1T1IR16	13-037-032				
	16T1	P021	018	1T1IT16	13-037-132				
	NC		019	NC					
	NC		020	NC					
	17R1	P022	021	1T1IR17	13-047-032				
	17T1	P022	022	1T1IT17	13-047-132				
	18R1	P023	023	1T1IR18	13-057-032				
	18T1	P023	024	1T1IT18	13-057-132				
	NC		113	NC					
	NC		114	NC					
	NC		115	NC					
	NC		116	NC					
	NC		117	NC					
	NC		118	NC					
	NC		119	NC					
	NC		120	NC					
	NC		121	NC					
	NC		122	NC					
	NC		123	NC					
	NC		124	NC					
				13-018	JACK/CP				
TO DSX-1	NC		045	NC					
	NC		046	NC					
	123R	P038	047	1T10R23A					
	123T	P038	048	1T10T23A					
	124R	P039	049	1T10R24A					
	124T	P039	050	1T10T24A					
	GRD13027		051	GRD13027	13-027-118				
	GRD13027		052	GRD13027	13-027-118				
	GRD13027		053	GRD13027	13-027-144				
	GRD13027		054	GRD13027	13-027-144				
	GRD13027		055	GRD13027	13-027-151				
	GRD13027		056	GRD13027	13-027-151				
	NC		145	NC					
	NC		146	NC					
	NC		147	NC					
	NC		148	NC					
	NC		149	NC					
	NC		150	NC					
	NC		151	NC					
	NC		152	NC					
	NC		153	NC					
	NC		154	NC					
	NC		155	NC					
	NC		156	NC					
				13-018	JACK/CP				
TO DSX-1	NC		032	NC					
	NC		033	NC					
	119R	P034	034	1T10R19A					
	119T	P034	035	1T10T19A					
	120R	P035	036	1T10R20A					
	120T	P035	037	1T10T20A					
	NC		038	NC					
	NC		039	NC					
	121R	P036	040	1T10R21A					
	121T	P036	041	1T10T21A					
	122R	P037	042	1T10R22A					
	122T	P037	043	1T10T22A					
	NC		132	NC					
	NC		133	NC					
	NC		134	NC					
	NC		135	NC					
	NC		136	NC					
	NC		137	NC					
	NC		138	NC					
	NC		139	NC					
	NC		140	NC					
	NC		141	NC					
	NC		142	NC					
	NC		143	NC					

CAD 004
(CONT'D)

—TO CONNECTION— DESTINATION	LEAD DESIG	METHOD	WIRE SYM	—FROM CONNECTION— TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
				13-018	JACK/CP				
TO DSX-1	NC			013	NC				
	NC			014	NC				
	115R	P030	015	1T10R15A					
	115T	P030	016	1T10T15A					
	116R	P031	017	1T10R16A					
	116T	P031	018	1T10T16A					
	NC		019	NC					
	NC		020	NC					
	117R	P032	021	1T10R17A					
	117T	P032	022	1T10T17A					
	118R	P033	023	1T10R18A					
	118T	P033	024	1T10T18A					
	NC		113	NC					
	NC		114	NC					
	NC		115	NC					
	NC		116	NC					
	NC		117	NC					
	NC		118	NC					
	NC		119	NC					
	NC		120	NC					
	NC		121	NC					
	NC		122	NC					
	NC		123	NC					
	NC		124	NC					

CAD 005
POWER AND GROUND ACCESS

—TO CONNECTION— DESTINATION	LEAD DESIG	METHOD	WIRE SYM	—FROM CONNECTION— TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
				02-007	LUG				
TO CONN CKT	-48VA			001	-48VA	04-010	CP 102		
				02-015	LUG				
TO CONN CKT	-48VARTN			001	-48VARTN	04-010	CP 001		
				02-179	LUG				
	NC			004	-48VARTN	04-010	CP 001		
				02-179	LUG				
	NC			000	-48VA	04-010	CP 102		
				02-179	LUG				
TO CONN EKT	FRGRDA			008	FRGRDA	04-088	CP 001		
				11-007	LUG				
	NC			001	-48VB	13-010	CP 102		
				11-015	LUG				
	NC			001	-48VBRTN	13-010	CP 001		
				11-179	LUG				
TO CONN CKT	FRGRDB			008	FRGRDB	13-088	CP 001		
				11-179	LUG				
TO CONN CKT	-48VB			000	-48VB	13-010	CP 102		

CAD 005
(CONT'D)

—TO CONNECTION— DESTINATION	LEAD DESIG	METHOD	WIRE SYM	—FROM CONNECTION— TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
				11-179	LUG				
TO CONN CKT	-48VBRTN			004	-48VBRTN	13-010	CP 001		

CAD 006
PERIPHERAL INTERFACE DATA BUS FOR DCLU-SUPP

—TO CONNECTION— DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	—FROM CONNECTION— LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
				04-087	JACK/TP				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088		P000	005	GRD04088				
	GRD04088		P001	006	GRD04088				
	GRD04088		P002	007	GRD04088				
	GRD04088		P003	008	GRD04088				
	GRD04088		P004	009	GRD04088				
	GRD04088		P005	010	GRD04088				
				04-088	JACK/CP				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088		P000	005	GRD04088				
	001DP10		P001	006	001DP10				
	000DP10		P002	007	000DP10				
	00CP10		P003	008	00CP10				
	00SP10		P004	009	00SP10				
	00NITP10		P005	010	00NITP10				
				04-087	JACK/TP				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088		P006	013	GRD04088				
	GRD04088		P007	014	GRD04088				
	GRD04088		P008	015	GRD04088				
	GRD04088		P009	016	GRD04088				
	GRD04088		P010	017	GRD04088				
	GRD04088		P011	018	GRD04088				
	GRD04088		P012	019	GRD04088				
	GRD04088		P013	020	GRD04088				
	GRD04088		P014	021	GRD04088				
	GRD04088		P015	022	GRD04088				
	GRD04088		P016	023	GRD04088				
	GRD04088		P017	024	GRD04088				
				04-088	JACK/CP				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	001DP11		P006	013	001DP11				
	000DP11		P007	014	000DP11				
	00CP11		P008	015	00CP11				
	00SP11		P009	016	00SP11				
	00NITP11		P010	017	00NITP11				
	GRD04088		P011	018	GRD04088				
	001DP12		P012	019	001DP12				
	000DP12		P013	020	000DP12				
	00CP12		P014	021	00CP12				
	00SP12		P015	022	00SP12				
	00NITP12		P016	023	00NITP12				
	GRD04088		P017	024	GRD04088				

DIGITAL CARRIER LINE UNIT

DWG SIZE: D2 | ISSUE: 1

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CAD 006
(CONT'D)

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-094	JACK/TF				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088	P018	006		GRD04088				
	GRD04088	P019	007		GRD04088				
	GRD04088	P020	008		GRD04088				
	GRD04088	P021	009		GRD04088				
	GRD04088	P022	010		GRD04088				
	GRD04088	P023	011		GRD04088				
.....J				04-088	JACK/CP				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088	P018	506		GRD04088				
	01NITP26	P019	507		01NITP26				
	01SP26	P020	508		01SP26				
	01CP26	P021	509		01CP26				
	010DP26	P022	510		010DP26				
	011DP26	P023	511		011DP26				
.....J				04-094	JACK/TF				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088	P024	013		GRD04088				
	GRD04088	P025	014		GRD04088				
	GRD04088	P026	015		GRD04088				
	GRD04088	P027	016		GRD04088				
	GRD04088	P028	017		GRD04088				
	GRD04088	P029	018		GRD04088				
	GRD04088	P030	019		GRD04088				
	GRD04088	P031	020		GRD04088				
	GRD04088	P032	021		GRD04088				
	GRD04088	P033	022		GRD04088				
	GRD04088	P034	023		GRD04088				
	GRD04088	P035	024		GRD04088				
.....J				04-088	JACK/CP				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088	P024	513		GRD04088				
	01NITP27	P025	514		01NITP27				
	01SP27	P026	515		01SP27				
	01CP27	P027	516		01CP27				
	010DP27	P028	517		010DP27				
	011DP27	P029	518		011DP27				
	GRD04088	P030	519		GRD04088				
	01NITP28	P031	520		01NITP28				
	01SP28	P032	521		01SP28				
	01CP28	P033	522		01CP28				
	010DP28	P034	523		010DP28				
	011DP28	P035	524		011DP28				
.....J				04-094	JACK/TF				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088	P036	032		GRD04088				
	GRD04088	P037	033		GRD04088				
	GRD04088	P038	034		GRD04088				
	GRD04088	P039	035		GRD04088				
	GRD04088	P040	036		GRD04088				
	GRD04088	P041	037		GRD04088				
	GRD04088	P042	038		GRD04088				
	GRD04088	P043	039		GRD04088				
	GRD04088	P044	040		GRD04088				
	GRD04088	P045	041		GRD04088				
	GRD04088	P046	042		GRD04088				
	GRD04088	P047	043		GRD04088				
.....J				04-088	JACK/CP				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088	P036	532		GRD04088				
	01NITP29	P037	533		01NITP29				
	01SP29	P038	534		01SP29				
	01CP29	P039	535		01CP29				
	010DP29	P040	536		010DP29				
	011DP29	P041	537		011DP29				
	GRD04088	P042	538		GRD04088				
	01NITP30	P043	539		01NITP30				
	01SP30	P044	540		01SP30				
	01CP30	P045	541		01CP30				
	010DP30	P046	542		010DP30				
	011DP30	P047	543		011DP30				

CAD 006
(CONT'D)

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-094	JACK/TF				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088	P048	045		GRD04088				
	GRD04088	P049	046		GRD04088				
	GRD04088	P050	047		GRD04088				
	GRD04088	P051	048		GRD04088				
	GRD04088	P052	049		GRD04088				
	GRD04088	P053	050		GRD04088				
	GRD04088	P054	051		GRD04088				
	GRD04088	P055	052		GRD04088				
	GRD04088	P056	053		GRD04088				
	GRD04088	P057	054		GRD04088				
	GRD04088	P058	055		GRD04088				
	GRD04088	P059	056		GRD04088				
.....J				04-088	JACK/CP				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD04088	P048	545		GRD04088				
	00NITP13	P049	546		00NITP13				
	00SP13	P050	547		00SP13				
	00CP13	P051	548		00CP13				
	000DP13	P052	549		000DP13				
	001DP13	P053	550		001DP13				
	GRD04088	P054	551		GRD04088				
	00NITP14	P055	552		00NITP14				
	00SP14	P056	553		00SP14				
	00CP14	P057	554		00CP14				
	000DP14	P058	555		000DP14				
	001DP14	P059	556		001DP14				
.....J				13-087	JACK/TF				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD13088	P060	005		GRD13088				
	GRD13088	P061	006		GRD13088				
	GRD13088	P062	007		GRD13088				
	GRD13088	P063	008		GRD13088				
	GRD13088	P064	009		GRD13088				
	GRD13088	P065	010		GRD13088				
.....J				13-088	JACK/CP				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD13088	P060	005		GRD13088				
	101DP10	P061	006		101DP10				
	100DP10	P062	007		100DP10				
	10CP10	P063	008		10CP10				
	10SP10	P064	009		10SP10				
	10NITP10	P065	010		10NITP10				
.....J				13-087	JACK/TF				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD13088	P066	013		GRD13088				
	GRD13088	P067	014		GRD13088				
	GRD13088	P068	015		GRD13088				
	GRD13088	P069	016		GRD13088				
	GRD13088	P070	017		GRD13088				
	GRD13088	P071	018		GRD13088				
	GRD13088	P072	019		GRD13088				
	GRD13088	P073	020		GRD13088				
	GRD13088	P074	021		GRD13088				
	GRD13088	P075	022		GRD13088				
	GRD13088	P076	023		GRD13088				
	GRD13088	P077	024		GRD13088				
.....J				13-088	JACK/CP				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	101DP11	P066	013		101DP11				
	100DP11	P067	014		100DP11				
	10DP11	P068	015		10DP11				
	10SP11	P069	016		10SP11				
	10NITP11	P070	017		10NITP11				
	GRD13088	P071	018		GRD13088				
	101DP12	P072	019		101DP12				
	100DP12	P073	020		100DP12				
	10CP12	P074	021		10CP12				
	10SP12	P075	022		10SP12				
	10NITP12	P076	023		10NITP12				
	GRD13088	P077	024		GRD13088				

CAD 006
(CONT'D)

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				13-094	JACK/TF				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD13088	P078	006		GRD13088				
	GRD13088	P079	007		GRD13088				
	GRD13088	P080	008		GRD13088				
	GRD13088	P081	009		GRD13088				
	GRD13088	P082	010		GRD13088				
	GRD13088	P083	011		GRD13088				
.....J				13-088	JACK/CP				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD13088	P078	506		GRD13088				
	11NITP26	P079	507		11NITP26				
	11SP26	P080	508		11SP26				
	11CP26	P081	509		11CP26				
	110DP26	P082	510		110DP26				
	111DP26	P083	511		111DP26				
.....J				13-094	JACK/TF				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD13088	P084	013		GRD13088				
	GRD13088	P085	014		GRD13088				
	GRD13088	P086	015		GRD13088				
	GRD13088	P087	016		GRD13088				
	GRD13088	P088	017		GRD13088				
	GRD13088	P089	018		GRD13088				
	GRD13088	P090	019		GRD13088				
	GRD13088	P091	020		GRD13088				
	GRD13088	P092	021		GRD13088				
	GRD13088	P093	022		GRD13088				
	GRD13088	P094	023		GRD13088				
	GRD13088	P095	024		GRD13088				
.....J				13-088	JACK/CP				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD13088	P084	513		GRD13088				
	11NITP27	P085	514		11NITP27				
	11SP27	P086	515		11SP27				
	11CP27	P087	516		11CP27				
	110DP27	P088	517		110DP27				
	111DP27	P089	518		111DP27				
	GRD13088	P090	519		GRD13088				
	11NITP28	P091	520		11NITP28				
	11SP28	P092	521		11SP28				
	11CP28	P093	522		11CP28				
	110DP28	P094	523		110DP28				
	111DP28	P095	524		111DP28				
.....J				13-094	JACK/TF				
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD13088	P096	032		GRD13088				
	GRD13088	P097	033		GRD13088				
	GRD13088	P098	034		GRD13088				
	GRD13088	P099	035		GRD13088				
	GRD13088	P100	036		GRD13088				
	GRD13088	P101	037		GRD13088				
	GRD13088	P102	038		GRD13088				
	GRD13088	P103	039		GRD13088				
	GRD13088	P104	040		GRD13088				
	GRD13088	P105	041		GRD13088				
	GRD13088	P106	042		GRD13088				
	GRD13088	P107	043		GRD13088				

DIGITAL CARRIER LINE UNIT

DWG SIZE: D2
ISSUE: 1

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CAD 006 (CONT'D)

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
..... J				13-088	JACK/CP				
TO DIGITAL	GRD13088		P096	532	GRD13088				
CARRIER LINE	11NITP29		P097	533	11NITP29				
UNIT SUPPLEMENT	11SP29		P098	534	11SP29				
CKT	11CP29		P099	535	11CP29				
	11ODP29		P100	536	11ODP29				
	11IDP29		P101	537	11IDP29				
	GRD13088		P102	538	GRD13088				
	11NITP30		P103	539	11NITP30				
	11SP30		P104	540	11SP30				
	11CP30		P105	541	11CP30				
	11ODP30		P106	542	11ODP30				
	11IDP30		P107	543	11IDP30				
..... J				13-094	JACK/TF				
TO DIGITAL	GRD13088		P108	045	GRD13088				
CARRIER LINE	GRD13088		P109	046	GRD13088				
UNIT SUPPLEMENT	GRD13088		P110	047	GRD13088				
CKT	GRD13088		P111	048	GRD13088				
	GRD13088		P112	049	GRD13088				
	GRD13088		P113	050	GRD13088				
	GRD13088		P114	051	GRD13088				
	GRD13088		P115	052	GRD13088				
	GRD13088		P116	053	GRD13088				
	GRD13088		P117	054	GRD13088				
	GRD13088		P118	055	GRD13088				
	GRD13088		P119	056	GRD13088				
..... J				13-088	JACK/CP				
TO DIGITAL	GRD13088		P108	545	GRD13088				
CARRIER LINE	10NITP13		P109	546	10NITP13				
UNIT SUPPLEMENT	10SP13		P110	547	10SP13				
CKT	10CP13		P111	548	10CP13				
	10ODP13		P112	549	10ODP13				
	10IDP13		P113	550	10IDP13				
	GRD13088		P114	551	GRD13088				
	10NITP14		P115	552	10NITP14				
	10SP14		P116	553	10SP14				
	10CP14		P117	554	10CP14				
	10ODP14		P118	555	10ODP14				
	10IDP14		P119	556	10IDP14				

CAD 007

PERIPHERAL INTERFACE CONTROL BUS FOR DCLU-SUPP

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
..... J				04-107	JACK/TF				
TO DIGITAL	GRD04108		P000	004	GRD04108				
CARRIER LINE	GRD04108		P001	005	GRD04108				
UNIT SUPPLEMENT	GRD04108		P002	006	GRD04108				
CKT	GRD04108		P003	007	GRD04108				
	GRD04108		P004	008	GRD04108				
	GRD04108		P005	009	GRD04108				
	GRD04108		P006	010	GRD04108				
	GRD04108		P007	011	GRD04108				
..... J				04-108	JACK/CP				
TO DIGITAL	004MCN10		P000	004	004MCN10				
CARRIER LINE	008KSN10		P001	005	008KSN10				
UNIT SUPPLEMENT	00PBIN10		P002	006	00PBIN10				
CKT	00PBON10		P003	007	00PBON10				
	004MCN11		P004	008	004MCN11				
	008KSN11		P005	009	008KSN11				
	00PBIN11		P006	010	00PBIN11				
	00PBON11		P007	011	00PBON11				

CAD 007 (CONT'D)

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
..... J				04-107	JACK/TF				
TO DIGITAL	GRD04108		P008	013	GRD04108				
CARRIER LINE	GRD04108		P009	014	GRD04108				
UNIT SUPPLEMENT	GRD04108		P010	015	GRD04108				
CKT	GRD04108		P011	016	GRD04108				
	GRD04108		P012	017	GRD04108				
	GRD04108		P013	018	GRD04108				
	GRD04108		P014	019	GRD04108				
	GRD04108		P015	020	GRD04108				
	GRD04108		P016	021	GRD04108				
	GRD04108		P017	022	GRD04108				
	GRD04108		P018	023	GRD04108				
	GRD04108		P019	024	GRD04108				
..... J				04-108	JACK/CP				
TO DIGITAL	004MCN12		P008	013	004MCN12				
CARRIER LINE	008KSN12		P009	014	008KSN12				
UNIT SUPPLEMENT	00PBIN12		P010	015	00PBIN12				
CKT	00PBON12		P011	016	00PBON12				
	004MCN13		P012	017	004MCN13				
	008KSN13		P013	018	008KSN13				
	00PBIN13		P014	019	00PBIN13				
	00PBON13		P015	020	00PBON13				
	004MCN14		P016	021	004MCN14				
	008KSN14		P017	022	008KSN14				
	00PBIN14		P018	023	00PBIN14				
	00PBON14		P019	024	00PBON14				
..... J				04-114	JACK/TF				
TO DIGITAL	GRD04108		P020	004	GRD04108				
CARRIER LINE	GRD04108		P021	005	GRD04108				
UNIT SUPPLEMENT	GRD04108		P022	006	GRD04108				
CKT	GRD04108		P023	007	GRD04108				
	GRD04108		P024	008	GRD04108				
	GRD04108		P025	009	GRD04108				
	GRD04108		P026	010	GRD04108				
	GRD04108		P027	011	GRD04108				
..... J				04-108	JACK/CP				
TO DIGITAL	01PBON26		P020	504	01PBON26				
CARRIER LINE	01PBIN26		P021	505	01PBIN26				
UNIT SUPPLEMENT	018KSN26		P022	506	018KSN26				
CKT	014MCN26		P023	507	014MCN26				
	01PBON27		P024	508	01PBON27				
	01PBIN27		P025	509	01PBIN27				
	018KSN27		P026	510	018KSN27				
	014MCN27		P027	511	014MCN27				
..... J				04-114	JACK/TF				
TO DIGITAL	GRD04108		P028	013	GRD04108				
CARRIER LINE	GRD04108		P029	014	GRD04108				
UNIT SUPPLEMENT	GRD04108		P030	015	GRD04108				
CKT	GRD04108		P031	016	GRD04108				
	GRD04108		P032	017	GRD04108				
	GRD04108		P033	018	GRD04108				
	GRD04108		P034	019	GRD04108				
	GRD04108		P035	020	GRD04108				
	GRD04108		P036	021	GRD04108				
	GRD04108		P037	022	GRD04108				
	GRD04108		P038	023	GRD04108				
	GRD04108		P039	024	GRD04108				
..... J				04-108	JACK/CP				
TO DIGITAL	01PBON28		P028	513	01PBON28				
CARRIER LINE	01PBIN28		P029	514	01PBIN28				
UNIT SUPPLEMENT	018KSN28		P030	515	018KSN28				
CKT	014MCN28		P031	516	014MCN28				
	01PBON29		P032	517	01PBON29				
	01PBIN29		P033	518	01PBIN29				
	018KSN29		P034	519	018KSN29				
	014MCN29		P035	520	014MCN29				
	01PBON30		P036	521	01PBON30				
	01PBIN30		P037	522	01PBIN30				
	018KSN30		P038	523	018KSN30				
	014MCN30		P039	524	014MCN30				

CAD 007 (CONT'D)

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
..... J				13-107	JACK/TF				
TO DIGITAL	GRD13108		P040	004	GRD13108				
CARRIER LINE	GRD13108		P041	005	GRD13108				
UNIT SUPPLEMENT	GRD13108		P042	006	GRD13108				
CKT	GRD13108		P043	007	GRD13108				
	GRD13108		P044	008	GRD13108				
	GRD13108		P045	009	GRD13108				
	GRD13108		P046	010	GRD13108				
	GRD13108		P047	011	GRD13108				
..... J				13-108	JACK/CP				
TO DIGITAL	104MCN10		P040	004	104MCN10				
CARRIER LINE	108KSN10		P041	005	108KSN10				
UNIT SUPPLEMENT	10PBIN10		P042	006	10PBIN10				
CKT	10PBON10		P043	007	10PBON10				
	104MCN11		P044	008	104MCN11				
	108KSN11		P045	009	108KSN11				
	10PBIN11		P046	010	10PBIN11				
	10PBON11		P047	011	10PBON11				
..... J				13-107	JACK/TF				
TO DIGITAL	GRD13108		P048	013	GRD13108				
CARRIER LINE	GRD13108		P049	014	GRD13108				
UNIT SUPPLEMENT	GRD13108		P050	015	GRD13108				
CKT	GRD13108		P051	016	GRD13108				
	GRD13108		P052	017	GRD13108				
	GRD13108		P053	018	GRD13108				
	GRD13108		P054	019	GRD13108				
	GRD13108		P055	020	GRD13108				
	GRD13108		P056	021	GRD13108				
	GRD13108		P057	022	GRD13108				
	GRD13108		P058	023	GRD13108				
	GRD13108		P059	024	GRD13108				
..... J				13-108	JACK/CP				
TO DIGITAL	104MCN12		P048	013	104MCN12				
CARRIER LINE	108KSN12		P049	014	108KSN12				
UNIT SUPPLEMENT	10PBIN12		P050	015	10PBIN12				
CKT	10PBON12		P051	016	10PBON12				
	104MCN13		P052	017	104MCN13				
	108KSN13		P053	018	108KSN13				
	10PBIN13		P054	019	10PBIN13				
	10PBON13		P055	020	10PBON13				
	104MCN14		P056	021	104MCN14				
	108KSN14		P057	022	108KSN14				
	10PBIN14		P058	023	10PBIN14				
	10PBON14		P059	024	10PBON14				
..... J				13-114	JACK/TF				
TO DIGITAL	GRD13108		P060	004	GRD13108				
CARRIER LINE	GRD13108		P061	005	GRD13108				
UNIT SUPPLEMENT	GRD13108		P062	006	GRD13108				
CKT	GRD13108		P063	007	GRD13108				
	GRD13108		P064	008	GRD13108				
	GRD13108		P065	009	GRD13108				
	GRD13108		P066	010	GRD13108				
	GRD13108		P067	011	GRD13108				

DIGITAL CARRIER LINE UNIT

DWG SIZE: D | ISSUE: 1

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(CONT'D)

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....	J			13-108	JACK/CP	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	11P80N26		P060	504	11P80N26				
	11P81N26		P061	505	11P81N26				
	118KSN26		P062	506	118KSN26				
	114MCN26		P063	507	114MCN26				
	11P80N27		P064	508	11P80N27				
	11P81N27		P065	509	11P81N27				
	118KSN27		P066	510	118KSN27				
	114MCN27		P067	511	114MCN27				
.....	J			13-114	JACK/TF	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	GRD13108		P068	013	GRD13108				
	GRD13108		P069	014	GRD13108				
	GRD13108		P070	015	GRD13108				
	GRD13108		P071	016	GRD13108				
	GRD13108		P072	017	GRD13108				
	GRD13108		P073	018	GRD13108				
	GRD13108		P074	019	GRD13108				
	GRD13108		P075	020	GRD13108				
	GRD13108		P076	021	GRD13108				
	GRD13108		P077	022	GRD13108				
	GRD13108		P078	023	GRD13108				
	GRD13108		P079	024	GRD13108				
.....	J			13-108	JACK/CP	.....			
TO DIGITAL CARRIER LINE UNIT SUPPLEMENT CKT	11P80N28		P068	513	11P80N28				
	11P81N28		P069	514	11P81N28				
	118KSN28		P070	515	118KSN28				
	114MCN28		P071	516	114MCN28				
	11P80N29		P072	517	11P80N29				
	11P81N29		P073	518	11P81N29				
	118KSN29		P074	519	118KSN29				
	114MCN29		P075	520	114MCN29				
	11P80N30		P076	521	11P80N30				
	11P81N30		P077	522	11P81N30				
	118KSN30		P078	523	118KSN30				
	114MCN30		P079	524	114MCN30				

CAD 008
SPARE PRINTED WIRE POINTS

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....	J			04-027	CP	.....			
NC		PW		015	GRD04027				
NC		PW		036	OREF00				
NC		PW		038	OREF00				
NC		PW		039	OREF00				
NC		PW		040	OREF00				
NC		PW		042	OREF00				
NC		PW		043	OREF00				
NC		PW		045	OREF00				
NC		PW		048	OREF00				
NC		PW		049	OREF00				
NC		PW		054	OREF00				
NC		PW		055	OREF00				
NC				104					
NC		PW		115	GRD04027				
NC				204					
.....	J			04-037	CP	.....			
NC		PW		015	GRD04037				
NC		PW		036	OREF01				
NC		PW		038	OREF01				
NC		PW		039	OREF01				
NC		PW		040	OREF01				
NC		PW		042	OREF01				
NC		PW		043	OREF01				
NC		PW		045	OREF01				
NC		PW		048	OREF01				

CAD 008
(CONT'D)

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....	J			04-037 (CONT'D)	CP	.....			
NC		PW		049	OREF01				
NC		PW		054	OREF01				
NC		PW		055	OREF01				
NC				104					
NC		PW		115	GRD04037				
NC				204					
.....	J			04-047	CP	.....			
NC		PW		015	GRD04047				
NC		PW		036	OREF02				
NC		PW		038	OREF02				
NC		PW		039	OREF02				
NC		PW		040	OREF02				
NC		PW		042	OREF02				
NC		PW		043	OREF02				
NC		PW		045	OREF02				
NC		PW		048	OREF02				
NC		PW		049	OREF02				
NC		PW		054	OREF02				
NC		PW		055	OREF02				
NC				104					
NC		PW		115	GRD04047				
NC				204					
.....	J			04-057	CP	.....			
NC		PW		015	GRD04057				
NC		PW		036	OREF03				
NC		PW		038	OREF03				
NC		PW		039	OREF03				
NC		PW		040	OREF03				
NC		PW		042	OREF03				
NC		PW		043	OREF03				
NC		PW		045	OREF03				
NC		PW		048	OREF03				
NC		PW		049	OREF03				
NC		PW		054	OREF03				
NC		PW		055	OREF03				
NC				104					
NC		PW		115	GRD04057				
NC				204					
.....	J			04-067	CP	.....			
NC		PW		015	GRD04067				
NC		PW		036	OREF04				
NC		PW		038	OREF04				
NC		PW		039	OREF04				
NC		PW		040	OREF04				
NC		PW		042	OREF04				
NC		PW		043	OREF04				
NC		PW		045	OREF04				
NC		PW		048	OREF04				
NC		PW		049	OREF04				
NC		PW		054	OREF04				
NC		PW		055	OREF04				
NC				104					
NC		PW		115	GRD04067				
NC				204					
.....	J			04-129	CP	.....			
NC		PW		015	GRD04129				
NC		PW		036	OREF05				
NC		PW		038	OREF05				
NC		PW		039	OREF05				
NC		PW		040	OREF05				
NC		PW		042	OREF05				
NC		PW		043	OREF05				
NC		PW		045	OREF05				
NC		PW		048	OREF05				
NC		PW		049	OREF05				
NC		PW		054	OREF05				
NC		PW		055	OREF05				
NC				104					
NC		PW		115	GRD04129				
NC				204					

CAD 008
(CONT'D)

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....	J			04-139	CP	.....			
NC		PW		015	GRD04139				
NC		PW		036	OREF06				
NC		PW		038	OREF06				
NC		PW		039	OREF06				
NC		PW		040	OREF06				
NC		PW		042	OREF06				
NC		PW		043	OREF06				
NC		PW		045	OREF06				
NC		PW		048	OREF06				
NC		PW		049	OREF06				
NC		PW		054	OREF06				
NC		PW		055	OREF06				
NC				104					
NC		PW		115	GRD04139				
NC				204					
.....	J			04-149	CP	.....			
NC		PW		015	GRD04149				
NC		PW		036	OREF07				
NC		PW		038	OREF07				
NC		PW		039	OREF07				
NC		PW		040	OREF07				
NC		PW		042	OREF07				
NC		PW		043	OREF07				
NC		PW		045	OREF07				
NC		PW		048	OREF07				
NC		PW		049	OREF07				
NC		PW		054	OREF07				
NC		PW		055	OREF07				
NC				104					
NC		PW		115	GRD04149				
NC				204					
.....	J			04-159	CP	.....			
NC		PW		015	GRD04159				
NC		PW		036	OREF08				
NC		PW		038	OREF08				
NC		PW		039	OREF08				
NC		PW		040	OREF08				
NC		PW		042	OREF08				
NC		PW		043	OREF08				
NC		PW		045	OREF08				
NC		PW		048	OREF08				
NC		PW		049	OREF08				
NC		PW		054	OREF08				
NC		PW		055	OREF08				
NC				104					
NC		PW		115	GRD04159				
NC				204					
.....	J			04-169	CP	.....			
NC		PW		015	GRD04169				
NC		PW		036	OREF09				
NC		PW		038	OREF09				
NC		PW		039	OREF09				
NC		PW		040	OREF09				
NC		PW		042	OREF09				
NC		PW		043	OREF09				
NC		PW		045	OREF09				
NC		PW		048	OREF09				
NC		PW		049	OREF09				
NC		PW		054	OREF09				
NC		PW		055	OREF09				
NC				104					
NC		PW		115	GRD04169				
NC				204					

DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
C2	1

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CAD 008
(CONT'D)

TO CONNECTION: DESTINATION	TO CONNECTION: LEAD DESIG	TO CONNECTION: METHOD	TO CONNECTION: WIRE SYM	TO CONNECTION: TERMINAL	FROM CONNECTION: LEAD DESIG	FROM CONNECTION: TERMINATION	FROM CONNECTION: TERMINAL	OPT	NOTE
.....				13-027	CP	.....			
	NC	PW		015	GRD13027				
	NC	PW		036	1REF00				
	NC	PW		038	1REF00				
	NC	PW		039	1REF00				
	NC	PW		040	1REF00				
	NC	PW		042	1REF00				
	NC	PW		043	1REF00				
	NC	PW		045	1REF00				
	NC	PW		048	1REF00				
	NC	PW		049	1REF00				
	NC	PW		054	1REF00				
	NC	PW		055	1REF00				
	NC			104					
	NC	PW		115	GRD13027				
	NC			204					
.....				13-037	CP	.....			
	NC	PW		015	GRD13037				
	NC	PW		036	1REF01				
	NC	PW		038	1REF01				
	NC	PW		039	1REF01				
	NC	PW		040	1REF01				
	NC	PW		042	1REF01				
	NC	PW		043	1REF01				
	NC	PW		045	1REF01				
	NC	PW		048	1REF01				
	NC	PW		049	1REF01				
	NC	PW		054	1REF01				
	NC	PW		055	1REF01				
	NC			104					
	NC	PW		115	GRD13037				
	NC			204					
.....				13-047	CP	.....			
	NC	PW		015	GRD13047				
	NC	PW		036	1REF02				
	NC	PW		038	1REF02				
	NC	PW		039	1REF02				
	NC	PW		040	1REF02				
	NC	PW		042	1REF02				
	NC	PW		043	1REF02				
	NC	PW		045	1REF02				
	NC	PW		048	1REF02				
	NC	PW		049	1REF02				
	NC	PW		054	1REF02				
	NC	PW		055	1REF02				
	NC			104					
	NC	PW		115	GRD13047				
	NC			204					
.....				13-057	CP	.....			
	NC	PW		015	GRD13057				
	NC	PW		036	1REF03				
	NC	PW		038	1REF03				
	NC	PW		039	1REF03				
	NC	PW		040	1REF03				
	NC	PW		042	1REF03				
	NC	PW		043	1REF03				
	NC	PW		045	1REF03				
	NC	PW		048	1REF03				
	NC	PW		049	1REF03				
	NC	PW		054	1REF03				
	NC	PW		055	1REF03				
	NC			104					
	NC	PW		115	GRD13057				
	NC			204					
.....				13-067	CP	.....			
	NC	PW		015	GRD13067				
	NC	PW		036	1REF04				
	NC	PW		038	1REF04				
	NC	PW		039	1REF04				
	NC	PW		040	1REF04				
	NC	PW		042	1REF04				
	NC	PW		043	1REF04				
	NC	PW		045	1REF04				
	NC	PW		048	1REF04				

CAD 008
(CONT'D)

TO CONNECTION: DESTINATION	TO CONNECTION: LEAD DESIG	TO CONNECTION: METHOD	TO CONNECTION: WIRE SYM	TO CONNECTION: TERMINAL	FROM CONNECTION: LEAD DESIG	FROM CONNECTION: TERMINATION	FROM CONNECTION: TERMINAL	OPT	NOTE
.....				13-067 (CONT'D)	CP	.....			
	NC	PW		049	1REF04				
	NC	PW		054	1REF04				
	NC	PW		055	1REF04				
	NC			104					
	NC	PW		115	GRD13067				
	NC			204					
.....				13-129	CP	.....			
	NC	PW		015	GRD13129				
	NC	PW		036	1REF05				
	NC	PW		038	1REF05				
	NC	PW		039	1REF05				
	NC	PW		040	1REF05				
	NC	PW		042	1REF05				
	NC	PW		043	1REF05				
	NC	PW		045	1REF05				
	NC	PW		048	1REF05				
	NC	PW		049	1REF05				
	NC	PW		054	1REF05				
	NC	PW		055	1REF05				
	NC			104					
	NC	PW		115	GRD13129				
	NC			204					
.....				13-139	CP	.....			
	NC	PW		015	GRD13139				
	NC	PW		036	1REF06				
	NC	PW		038	1REF06				
	NC	PW		039	1REF06				
	NC	PW		040	1REF06				
	NC	PW		042	1REF06				
	NC	PW		043	1REF06				
	NC	PW		045	1REF06				
	NC	PW		048	1REF06				
	NC	PW		049	1REF06				
	NC	PW		054	1REF06				
	NC	PW		055	1REF06				
	NC			104					
	NC	PW		115	GRD13139				
	NC			204					
.....				13-149	CP	.....			
	NC	PW		015	GRD13149				
	NC	PW		036	1REF07				
	NC	PW		038	1REF07				
	NC	PW		039	1REF07				
	NC	PW		040	1REF07				
	NC	PW		042	1REF07				
	NC	PW		043	1REF07				
	NC	PW		045	1REF07				
	NC	PW		048	1REF07				
	NC	PW		049	1REF07				
	NC	PW		054	1REF07				
	NC	PW		055	1REF07				
	NC			104					
	NC	PW		115	GRD13149				
	NC			204					
.....				13-159	CP	....			
	NC	PW		015	GRD13159				
	NC	PW		036	1REF08				
	NC	PW		038	1REF08				
	NC	PW		039	1REF08				
	NC	PW		040	1REF08				
	NC	PW		042	1REF08				
	NC	PW		043	1REF08				
	NC	PW		045	1REF08				
	NC	PW		048	1REF08				
	NC	PW		049	1REF08				
	NC	PW		054	1REF08				
	NC	PW		055	1REF08				
	NC			104					
	NC	PW		115	GRD13159				
	NC			204					

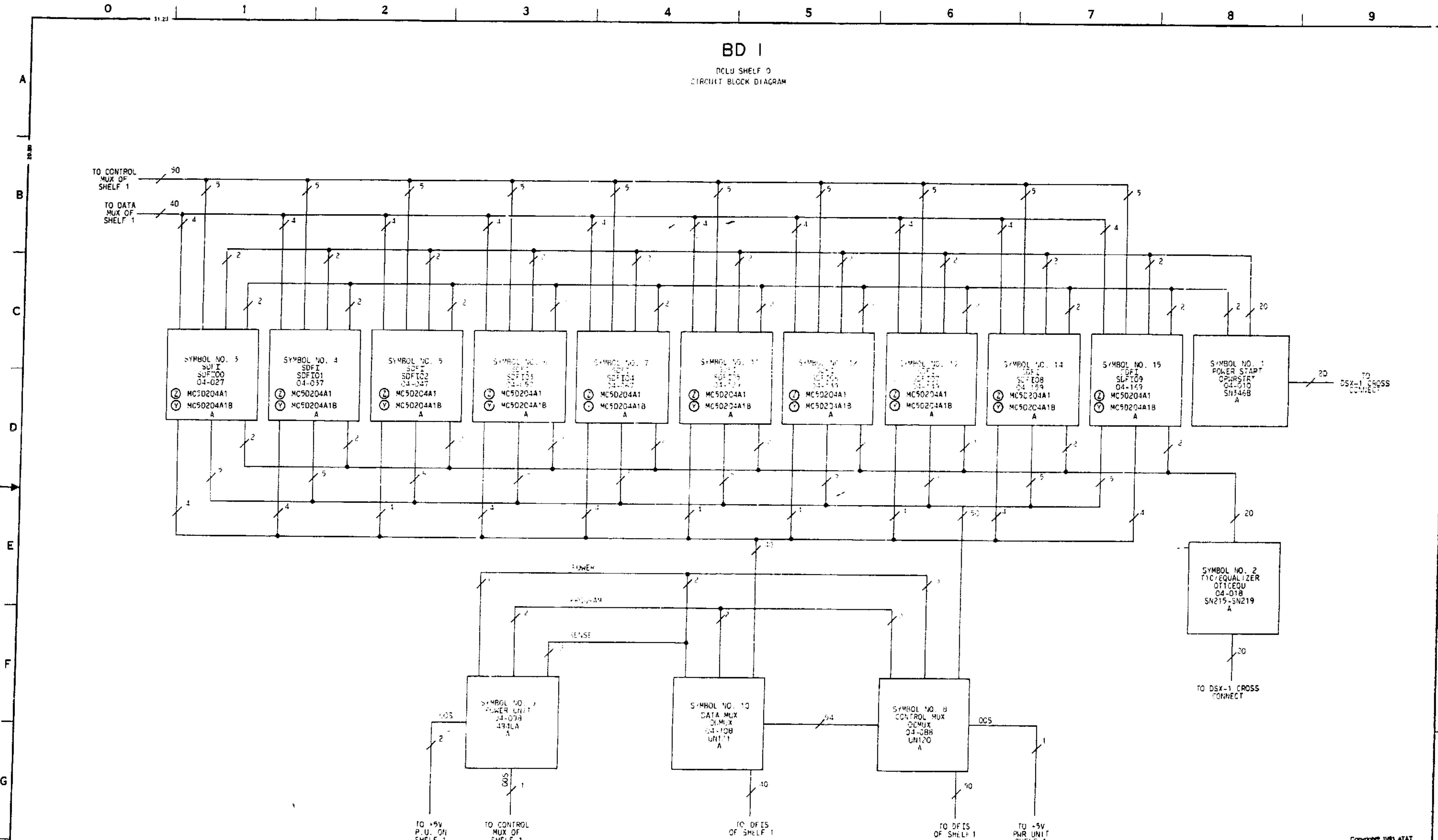
CAD 008
(CONT'D)

TO CONNECTION: DESTINATION	TO CONNECTION: LEAD DESIG	TO CONNECTION: METHOD	TO CONNECTION: WIRE SYM	TO CONNECTION: TERMINAL	FROM CONNECTION: LEAD DESIG	FROM CONNECTION: TERMINATION	FROM CONNECTION: TERMINAL	OPT	NOTE
.....				13-169	CP	.....			
	NC	PW		015	GRD13169				
	NC	PW		036	1REF09				
	NC	PW		038	1REF09				
	NC	PW		039	1REF09				
	NC	PW		040	1REF09				
	NC	PW		042	1REF09				
	NC	PW		043	1REF09				
	NC	PW		045	1REF09				
	NC	PW		048	1REF09				
	NC	PW		049	1REF09				
	NC	PW		054	1REF09				
	NC	PW		055	1REF09				
	NC			104					
	NC	PW		115	GRD13169				
	NC			204					
.....				04-114	TF	.....			
	NC	PW		000	-48VARTN 04-010	CP	001		
.....				13-114	TF	.....			
	NC	PW		000	-48VBRTN 13-010	CP	001		

DIGITAL CARRIER LINE UNIT

DWG SIZE: D2 | ISSUE: 1

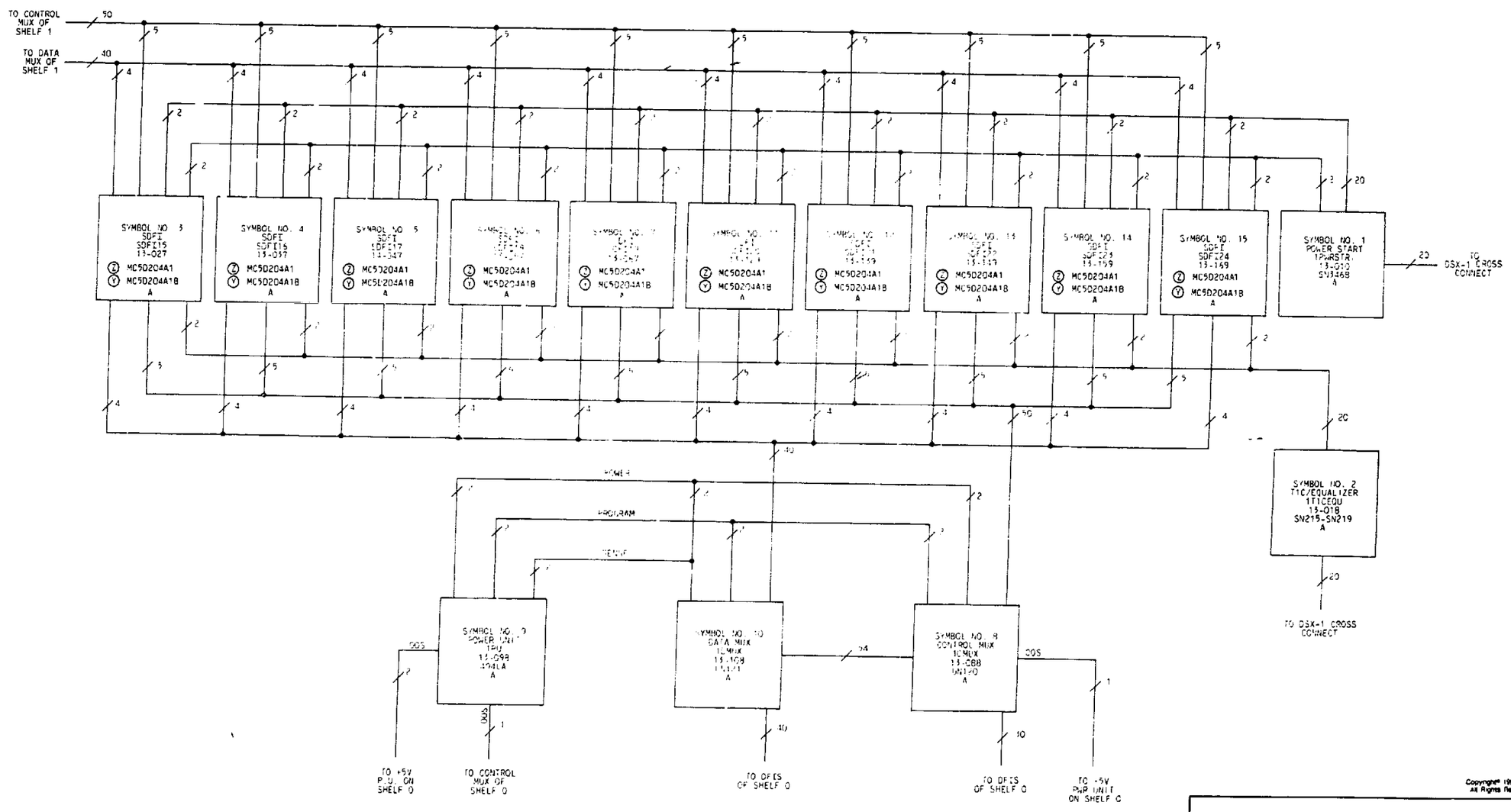
AT&T | SD-5D202-02 | G811



DIGITAL CARRIER LINE UNIT	DWG SIZE	ISSUE
	8S	2B
AT&T SD-5D202-02	SHEET H1	

BD 2

DCLU SHELF 1
CIRCUIT BLOCK DIAGRAM



DIGITAL CARRIER LINE UNIT

DWG SIZE	ISSUE
BS	2B

AT&T	SD-5D202-02	SHEET
		H2