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P/O CAD 002,003	GB7	GB7	2
P/O CAD 003	GB8	GB8	2
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OPTION INDEX

APP GR HRG	RATED ON ISSUE	REF NOTES	LOCATION
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Y	1		1/2-17 CAD 005, CAD 010
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W	1		1/2-17 CAD 006, CAD 012
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T	1	208,305	1/2-5, CAD 008
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R	2M		1/2-17, CADS 006 & 015
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DWG ISSUE	CD ISSUE	DATE ISSUED	DRWN	APPD
1	1	1/5/84		
2M	APPX M	8-17-88		
3B	APPX 2B	11-10-89		
4B	APPX 3B	12-29-90		

USED ON

FRAME SD	PROJECT	DSGN CONT

SUPPORTING INFORMATION

CATEGORY	NO.	Copyright © 1990 AT&T All Rights Reserved	
EQUIPMENT DRAWING INTERFACE MODULE CONTROL CABINET	J5D0038A J5D003E-1	BT13	
		ELECTRONIC SWITCHING SYSTEMS ESS® SWITCHING EQUIPMENT DIGITAL LINE TRUNK UNIT-EXPORT CIRCUIT	
		DWG SIZE 6S	ISSUE 4B
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		SD- 5X204-01	

APPARATUS INDEX												LEAD INDEX															
EQUIP LOC			APP NO.	FIGURE SH NO.	EQUIP LOC			APP NO.	FIGURE SH NO.	DESIG			APP FIG. NO. SH NO.	LOCATION FS/SYM APPFIG EOPT			DESIG			LOCATION FS/SYM APPFIG EOPT	DESIG			LOCATION FS/SYM CAD			
CIRCUIT PACKS			CIRCUIT PACKS (CONT)			CIRCUIT PACKS (CONT)			CIRCUIT PACKS (CONT)			CIRCUIT PACK-CP			CIRCUIT PACK-CP (CONT)			2048 KBIT/S EQUIPMENT									
04-010	2	C2			04-109	7	C4	DFIE04	7	C4	DFIE16	3	C2	DFIE01	1/2	3	04-019	DFIE10	1/11	3	04-109	LIN01	1/2	005,006			
04-019	9	C5	04-109	4	C3	DFIE04	4	C3	DFIE16	9	C5	DFIE01	1/2	4	04-019	DFIE10	1/11	4	04-109	LIN02	1/3	005,006					
04-019	10	C5	04-109	3	C2	DFIE04	8	C4	DFIE16	4	C3	DFIE01	1/2	5	04-019	DFIE11	1/12	8	04-119	LIN03	1/4	005,006					
04-019	11	C5	04-119	9	C5	DFIE04	5	C3	DFIE16	7	C4	DFIE01	1/2	6	04-019	DFIE11	1/12	7	04-119	LIN04	1/5	005,006					
04-019	8	C4	04-119	8	C4	DFIE04	9	C5	PWRSTRT	2	C2	DFIE01	1/2	7	04-019	DFIE11	1/12	9	04-119	LIN05	1/6	005,006					
04-019	7	C4	04-119	7	C4	DFIE04	6	C3				DFIE01	1/2	8	04-019	DFIE11	1/12	3	04-119	LIN06	1/7	005,006					
04-019	6	C3	04-119	4	C3	DFIE04	10	C5				DFIE01	1/2	9	04-019	DFIE11	1/12	4	04-119	LIN07	1/8	005,006					
04-019	5	C3	04-119	3	C2	DFIE04	11	C5				DFIE01	1/2	10	04-019	DFIE12	1/13	3	04-129	LIN08	1/9	005,006					
04-019	4	C3	04-129	9	C5	DFIE05	4	C3				DFIE01	1/2	11	04-019	DFIE12	1/13	4	04-129	LIN09	1/10	005,006					
04-019	3	C2	04-129	8	C4	DFIE05	7	C4				DFIE02	1/3	3	04-029	DFIE12	1/13	8	04-129	LIN10	1/11	005,006					
04-029	9	C5	04-129	7	C4	DFIE05	8	C4				DFIE02	1/3	4	04-029	DFIE12	1/13	7	04-129	LIN11	1/12	005,006					
04-029	10	C5	04-129	4	C3	DFIE05	9	C5				DFIE02	1/3	5	04-029	DFIE12	1/13	9	04-129	LIN12	1/13	005,006					
04-029	11	C5	04-129	3	C2	DFIE05	3	C2				DFIE02	1/3	6	04-029	DFIE13	1/14	7	04-139	LIN13	1/14	005,006					
04-029	8	C4	04-139	9	C5	DFIE06	7	C4				DFIE02	1/3	7	04-029	DFIE13	1/14	4	04-139	LIN14	1/15	005,006					
04-029	7	C4	04-139	8	C4	DFIE06	4	C3				DFIE02	1/3	8	04-029	DFIE13	1/14	8	04-139	LIN15	1/16	005,006					
04-029	6	C3	04-139	7	C4	DFIE06	9	C5				DFIE02	1/3	9	04-029	DFIE13	1/14	3	04-139	LIN16	1/17	005,006					
04-029	5	C3	04-139	4	C3	DFIE06	8	C4				DFIE02	1/3	10	04-029	DFIE13	1/14	9	04-139	LIP01	1/2	004,005					
04-029	4	C3	04-139	3	C2	DFIE06	3	C2				DFIE02	1/3	11	04-029	DFIE14	1/15	3	04-149	LIP02	1/3	004,005					
04-029	3	C2	04-149	9	C5	DFIE07	8	C4				DFIE03	1/4	3	04-039	DFIE14	1/15	9	04-149	LIP03	1/4	004,005					
04-039	9	C5	04-149	8	C4	DFIE07	7	C4				DFIE03	1/4	4	04-039	DFIE14	1/15	7	04-149	LIP04	1/5	004,005					
04-039	10	C5	04-149	7	C4	DFIE07	9	C5				DFIE03	1/4	5	04-039	DFIE14	1/15	4	04-149	LIP05	1/6	004,005					
04-039	11	C5	04-149	4	C3	DFIE07	3	C2				DFIE03	1/4	6	04-039	DFIE14	1/15	8	04-149	LIP06	1/7	004,005					
04-039	8	C4	04-149	3	C2	DFIE07	4	C3				DFIE03	1/4	7	04-039	DFIE15	1/16	9	04-159	LIP07	1/8	004,005					
04-039	7	C4	04-159	9	C5	DFIE08	9	C5				DFIE03	1/4	8	04-039	DFIE15	1/16	7	04-159	LIP08	1/9	004,005					
04-039	6	C3	04-159	8	C4	DFIE08	3	C2				DFIE03	1/4	9	04-039	DFIE15	1/16	3	04-159	LIP09	1/10	004,005					
04-039	5	C3	04-159	7	C4	DFIE08	4	C3				DFIE03	1/4	10	04-039	DFIE15	1/16	4	04-159	LIP10	1/11	004,005					
04-039	4	C3	04-159	4	C3	DFIE08	7	C4				DFIE03	1/4	11	04-039	DFIE15	1/16	8	04-159	LIP11	1/12	004,005					
04-039	3	C2	04-159	3	C2	DFIE08	8	C4				DFIE04	1/5	3	04-049	DFIE16	1/17	8	04-169	LIP12	1/13	004,005					
04-049	9	C5	04-169	9	C5	DFIE09	7	C4				DFIE04	1/5	7	04-049	DFIE16	1/17	3	04-169	LIP13	1/14	004,005					
04-049	10	C5	04-169	8	C4	DFIE09	3	C2				DFIE04	1/5	4	04-049	DFIE16	1/17	9	04-169	LIP14	1/15	004,005					
04-049	11	C5	04-169	7	C4	DFIE09	4	C3				DFIE04	1/5	8	04-049	DFIE16	1/17	4	04-169	LIP15	1/16	004,005					
04-049	8	C4	04-169	4	C3	DFIE09	8	C4				DFIE04	1/5	5	04-049	DFIE16	1/17	7	04-169	LIP16	1/17	004,005					
04-049	7	C4	04-169	3	C2	DFIE09	9	C5				DFIE04	1/5	9	04-049	PWRSTRT	1/1	2	04-010	LON01	1/2	004,005					
04-049	6	C3			DESIG	DFIE10	8	C4				DFIE04	1/5	6	04-049				LON02	1/3	004,005						
04-049	5	C3			DESIG	DFIE10	7	C4				DFIE04	1/5	10	04-049				LON03	1/4	004,005						
04-049	4	C3			DESIG	DFIE10	9	C5				DFIE04	1/5	11	04-049				LON04	1/5	004,005						
04-049	3	C2			DESIG	DFIE10	3	C2				DFIE05	1/6	4	04-059				LON05	1/6	004,005						
04-059	9	C5	DFIE01	3	C2	DFIE10	4	C3				DFIE05	1/6	7	04-059				LON06	1/7	004,005						
04-059	8	C4	DFIE01	4	C3	DFIE11	8	C4				DFIE05	1/6	8	04-059				LON07	1/8	004,005						
04-059	7	C4	DFIE01	5	C3	DFIE11	7	C4				DFIE05	1/6	9	04-059				LON08	1/9	004,005						
04-059	4	C3	DFIE01	6	C3	DFIE11	9	C5				DFIE05	1/6	3	04-059				LON09	1/10	004,005						
04-059	3	C2	DFIE01	7	C4	DFIE11	3	C2				DFIE06	1/7	7	04-069				LON10	1/11	004,005						
04-069	9	C5	DFIE01	8	C4	DFIE11	4	C3				DFIE06	1/7	4	04-069				LON11	1/12	004,005						
04-069	8	C4	DFIE01	9	C5	DFIE12	3	C2				DFIE06	1/7	9	04-069				LON12	1/13	004,005						
04-069	7	C4	DFIE01	10	C5	DFIE12	4	C3				DFIE06	1/7	8	04-069				LON13	1/14	004,005						
04-069	4	C3	DFIE01	11	C5	DFIE12	8	C4				DFIE06	1/7	3	04-069				LON14	1/15	004,005						
04-069	3	C2	DFIE02	3	C2	DFIE12	7	C4				DFIE07	1/8	8	04-079				LON15	1/16	004,005						
04-079	9	C5	DFIE02	4	C3	DFIE12	9	C5				DFIE07	1/8	7	04-079				LON16	1/17	004,005						
04-079	8	C4	DFIE02	5	C3	DFIE13	7	C4				DFIE07	1/8	9	04-079				LOP01	1/2	004,005						
04-079	7	C4	DFIE02	6	C3	DFIE13	4	C3				DFIE07	1/8	3	04-079				LOP02	1/3	004,005						
04-079	4	C3	DFIE02	7	C4	DFIE13	8	C4				DFIE08	1/9	4	04-079				LOP03	1/4	004,005						
04-079	3	C2	DFIE02	8	C4	DFIE13	3	C2				DFIE08	1/9	9	04-089				LOP04	1/5	004,005						
04-079	8	C4	DFIE02	9	C5	DFIE13	9	C5				DFIE08	1/9	3	04-089				LOP05	1/6	004,005						
04-089	9	C5	DFIE02	10	C5	DFIE14	3	C2				DFIE08	1/9	4	04-089				LOP06	1/7	004,005						
04-089	8	C4	DFIE02	11	C5	DFIE14	9	C5				DFIE08	1/9	7	04-089				LOP07	1/8	004,005						
04-089	7	C4	DFIE03	3	C2	DFIE14	7	C4				DFIE08	1/9	8	04-089				LOP08	1/9	004,005						
04-089	4	C3	DFIE03	4	C3	DFIE14	4	C3				DFIE09	1/10	3	04-099												
04-089	3	C2	DFIE03	5	C3	DFIE14	8	C4				DFIE09	1/10	7	04-099												
04-099	9	C5	DFIE03	6	C3	DFIE15	9	C5				DFIE09	1/10	4	04-099												
04-099	8	C4	DFIE03	7	C4	DFIE15	7	C4				DFIE09	1/10	8	04-099												
04-099	7	C4	DFIE03	8	C4	DFIE15	3	C2				DFIE09	1/10	9	04-099												
04-099	4	C3	DFIE03	9	C5	DFIE15	4	C3				DFIE10	1/11	8	04-109												
04-099	3	C2	DFIE03	10	C5	DFIE15	8	C4				DFIE10	1/11	7	04-109												
04-109	9	C5	DFIE03	11	C5	DFIE16	8	C4				DFIE10	1/11</														

LEAD INDEX (CONT)

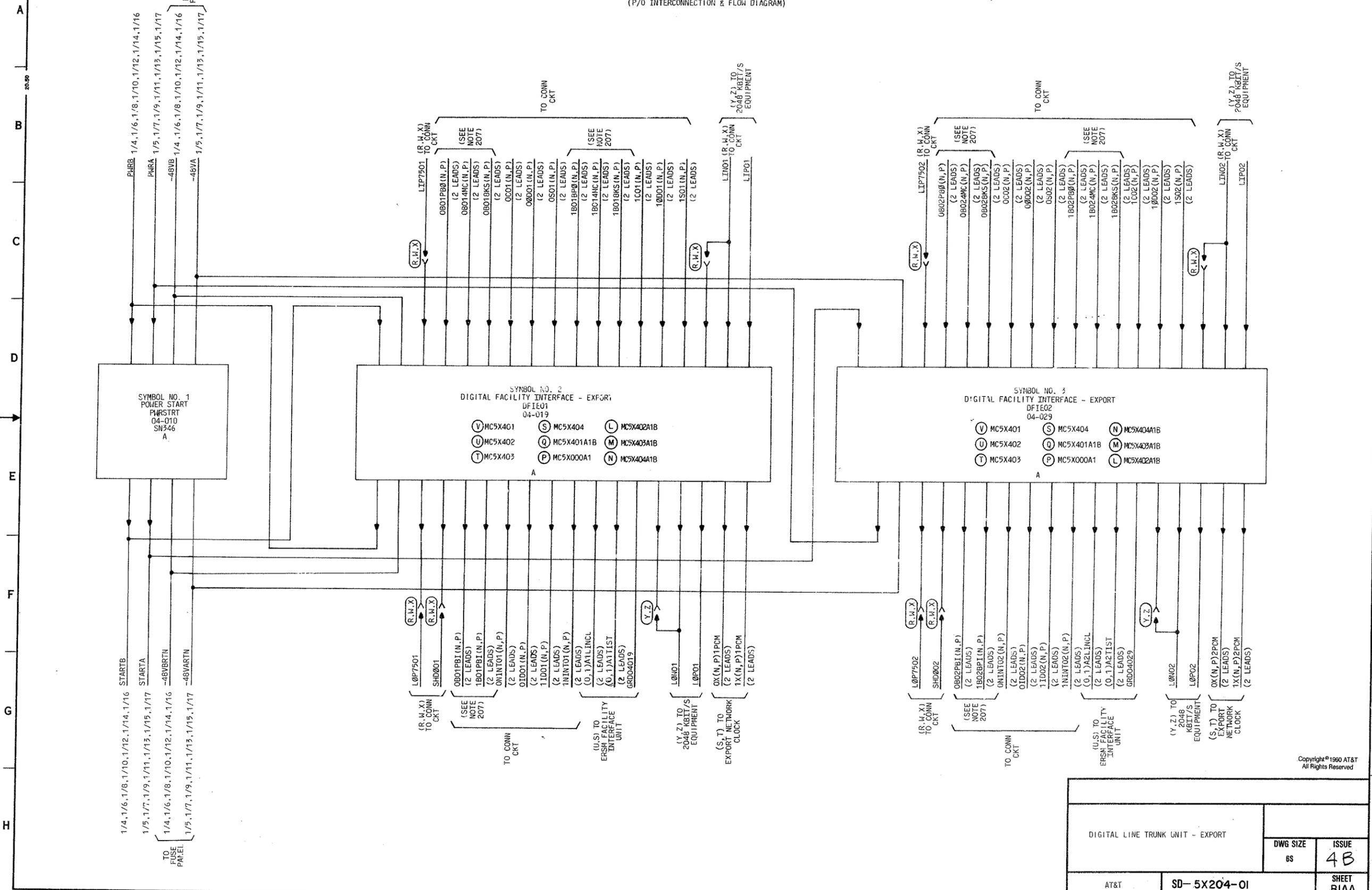
DESIG	FS/SYM	LOCATION CAD	DESIG	FS/SYM	LOCATION CAD	DESIG	FS/SYM	LOCATION CAD	DESIG	FS/SYM	LOCATION CAD	DESIG	FS/SYM	LOCATION CAD	DESIG	FS/SYM	LOCATION CAD	DESIG	FS/SYM	LOCATION CAD
2348 KBIT/S EQUIPMENT (CONT)																				
LOP09	1/10	004,005	OB14PBON	1/15	002	OB148KSP	1/15	002	O1D13N	1/14	003	O0D13P	1/14	003	1B07PBON	1/8	002	1B058KSN	1/6	002
LOP10	1/11	004,005	OB14PBOP	1/15	002	OB154MCN	1/16	002	O1D13P	1/14	003	O0D14N	1/15	003	1B07PBOP	1/8	002	1B058KSP	1/6	002
LOP11	1/12	004,005	OB15PBIN	1/16	002	OB154MCP	1/16	002	O1D14N	1/15	003	O0D14P	1/15	003	1B08PBIN	1/9	002	1B064MCN	1/7	002
LOP12	1/13	004,005	OB15PBIP	1/16	002	OB158KSN	1/16	002	O1D14P	1/15	003	O0D15N	1/16	003	1B08PBIP	1/9	002	1B064MCP	1/7	002
LOP13	1/14	004,005	OB15PBON	1/16	002	OB158KSP	1/16	002	O1D15N	1/16	003	O0D15P	1/16	003	1B08PBON	1/9	002	1B068KSN	1/7	002
LOP14	1/15	004,005	OB15PBOP	1/16	002	OB164MCN	1/17	002	O1D15P	1/16	003	O0D16N	1/17	003	1B08PBOP	1/9	002	1B068KSP	1/7	002
LOP15	1/16	004,005	OB16PBIN	1/17	002	OB164MCP	1/17	002	O1D16N	1/17	003	O0D16P	1/17	003	1B09PBIN	1/10	002	1B074MCN	1/8	002
LOP16	1/17	004,005	OB16PBIP	1/17	002	OB168KSN	1/17	002	O1D16P	1/17	003	OS01N	1/2	003	1B09PBIP	1/10	002	1B074MCP	1/8	002
CONN CKT																				
OB01PBIN	1/2	002	OB018KSN	1/2	002	OC01N	1/2	003	ONINT01N	1/2	003	OS01P	1/2	003	1B09PBON	1/10	002	1B078KSN	1/8	002
OB01PBIP	1/2	002	OB018KSP	1/2	002	OC01P	1/2	003	ONINT01P	1/2	003	OS02N	1/3	003	1B09PBOP	1/10	002	1B078KSP	1/8	002
OB01PBON	1/2	002	OB024MCN	1/3	002	OC02N	1/3	003	ONINT02N	1/3	003	OS02P	1/3	003	1B10PBIN	1/11	002	1B084MCN	1/9	002
OB01PBOP	1/2	002	OB024MCP	1/3	002	OC02N	1/3	003	ONINT02P	1/3	003	OS03N	1/4	003	1B10PBIP	1/11	002	1B084MCP	1/9	002
OB02PBIN	1/3	002	OB028KSN	1/3	002	OC02P	1/3	003	ONINT03N	1/4	003	OS03P	1/4	003	1B10PBON	1/11	002	1B088KSN	1/9	002
OB02PBIP	1/3	002	OB028KSP	1/3	002	OC03N	1/4	003	ONINT03P	1/4	003	OS04N	1/5	003	1B10PBOP	1/11	002	1B088KSP	1/9	002
OB02PBON	1/3	002	OB034MCN	1/4	002	OC03P	1/4	003	ONINT04N	1/5	003	OS04P	1/5	003	1B11PBIN	1/12	002	1B094MCN	1/10	002
OB02PBOP	1/3	002	OB034MCP	1/4	002	OC04N	1/5	003	ONINT04P	1/5	003	OS05N	1/6	003	1B11PBIP	1/12	002	1B094MCP	1/10	002
OB03PBIN	1/4	002	OB038KSN	1/4	002	OC04P	1/5	003	ONINT05N	1/6	003	OS05P	1/6	003	1B11PBON	1/12	002	1B098KSN	1/10	002
OB03PBIP	1/4	002	OB038KSP	1/4	002	OC05N	1/6	003	ONINT05P	1/6	003	OS06N	1/7	003	1B11PBOP	1/12	002	1B098KSP	1/10	002
OB03PBON	1/4	002	OB044MCN	1/5	002	OC05P	1/6	003	ONINT06N	1/7	003	OS06P	1/7	003	1B12PBIN	1/13	002	1B104MCN	1/11	002
OB03PBOP	1/4	002	OB044MCP	1/5	002	OC06N	1/7	003	ONINT06P	1/7	003	OS07N	1/8	003	1B12PBIP	1/13	002	1B104MCP	1/11	002
OB04PBIN	1/5	002	OB048KSN	1/5	002	OC07N	1/8	003	ONINT07N	1/8	003	OS07P	1/8	003	1B12PBON	1/13	002	1B108KSN	1/11	002
OB04PBIP	1/5	002	OB048KSP	1/5	002	OC07P	1/8	003	ONINT07P	1/8	003	OS08N	1/9	003	1B12PBOP	1/13	002	1B108KSP	1/11	002
OB04PBON	1/5	002	OB054MCN	1/6	002	OC08N	1/9	003	ONINT08N	1/9	003	OS08P	1/9	003	1B13PBIN	1/14	002	1B114MCN	1/12	002
OB04PBOP	1/5	002	OB054MCP	1/6	002	OC08P	1/9	003	ONINT08P	1/9	003	OS09N	1/10	003	1B13PBIP	1/14	002	1B114MCP	1/12	002
OB05PBIN	1/6	002	OB058KSN	1/6	002	OC09N	1/10	003	ONINT09N	1/10	003	OS09P	1/10	003	1B13PBON	1/14	002	1B118KSN	1/12	002
OB05PBIP	1/6	002	OB058KSP	1/6	002	OC09P	1/10	003	ONINT09P	1/10	003	OS10N	1/11	003	1B13PBOP	1/14	002	1B118KSP	1/12	002
OB05PBON	1/6	002	OB064MCN	1/7	002	OC10N	1/11	003	ONINT10N	1/11	003	OS10P	1/11	003	1B14PBIN	1/15	002	1B124MCN	1/13	002
OB05PBOP	1/6	002	OB064MCP	1/7	002	OC11N	1/12	003	ONINT10P	1/11	003	OS11N	1/12	003	1B14PBIP	1/15	002	1B124MCP	1/13	002
OB06PBIN	1/7	002	OB068KSN	1/7	002	OC11P	1/12	003	ONINT11N	1/12	003	OS12N	1/13	003	1B14PBON	1/15	002	1B128KSN	1/13	002
OB06PBIP	1/7	002	OB068KSP	1/7	002	OC12N	1/13	003	ONINT11P	1/12	003	OS12P	1/13	003	1B14PBOP	1/15	002	1B128KSP	1/13	002
OB06PBON	1/7	002	OB074MCN	1/8	002	OC12P	1/13	003	ONINT12N	1/13	003	OS13N	1/14	003	1B15PBIN	1/16	002	1B134MCN	1/14	002
OB06PBOP	1/7	002	OB074MCP	1/8	002	OC13N	1/14	003	ONINT12P	1/13	003	OS13P	1/14	003	1B15PBIP	1/16	002	1B134MCP	1/14	002
OB07PBIN	1/8	002	OB078KSN	1/8	002	OC13P	1/14	003	ONINT13N	1/14	003	OS14N	1/15	003	1B15PBON	1/16	002	1B138KSN	1/14	002
OB07PBIP	1/8	002	OB078KSP	1/8	002	OC14N	1/15	003	ONINT13P	1/14	003	OS14P	1/15	003	1B15PBOP	1/16	002	1B138KSP	1/14	002
OB07PBON	1/8	002	OB084MCN	1/9	002	OC14P	1/15	003	ONINT14N	1/15	003	OS15N	1/16	003	1B16PBIN	1/17	002	1B144MCN	1/15	002
OB07PBOP	1/8	002	OB084MCP	1/9	002	OC15N	1/16	003	ONINT14P	1/15	003	OS15P	1/16	003	1B16PBIP	1/17	002	1B144MCP	1/15	002
OB08PBIN	1/9	002	OB088KSN	1/9	002	OC15P	1/16	003	ONINT15N	1/16	003	OS16N	1/17	003	1B16PBON	1/17	002	1B148KSN	1/15	002
OB08PBIP	1/9	002	OB088KSP	1/9	002	OC16N	1/17	003	ONINT15P	1/16	003	OS16P	1/17	003	1B16PBOP	1/17	002	1B148KSP	1/15	002
OB08PBON	1/9	002	OB094MCN	1/10	002	OC16P	1/17	003	ONINT16N	1/17	003	1B01BPIN	1/2	002	1B14MCN	1/2	002	1B154MCN	1/16	002
OB08PBOP	1/9	002	OB094MCP	1/10	002	OC16N	1/17	003	ONINT16P	1/17	003	1B01PBIP	1/2	002	1B14MCP	1/2	002	1B154MCP	1/16	002
OB09PBIN	1/10	002	OB098KSN	1/10	002	O1D01N	1/2	003	O0D01N	1/2	003	1B01PBON	1/2	002	1B018KSN	1/2	002	1B158KSN	1/16	002
OB09PBIP	1/10	002	OB098KSP	1/10	002	O1D01P	1/2	003	O0D01P	1/2	003	1B01PBOP	1/2	002	1B018KSP	1/2	002	1B158KSP	1/16	002
OB09PBON	1/10	002	OB104MCN	1/11	002	O1D02N	1/3	003	O0D02N	1/3	003	1B02PBIN	1/3	002	1B024MCN	1/3	002	1B164MCN	1/17	002
OB09PBOP	1/10	002	OB104MCP	1/11	002	O1D02P	1/3	003	O0D02P	1/3	003	1B02PBIP	1/3	002	1B024MCP	1/3	002	1B164MCP	1/17	002
OB10PBIN	1/11	002	OB108KSN	1/11	002	O1D03N	1/4	003	O0D03N	1/4	003	1B02PBON	1/3	002	1B028KSN	1/3	002	1B168KSN	1/17	002
OB10PBIP	1/11	002	OB108KSP	1/11	002	O1D03P	1/4	003	O0D03P	1/4	003	1B02PBOP	1/3	002	1B028KSP	1/3	002	1B168KSP	1/17	002
OB10PBON	1/11	002	OB114MCN	1/12	002	O1D04N	1/5	003	O0D04N	1/5	003	1B03PBIN	1/4	002	1C01N	1/2	003	1C01N	1/2	003
OB10PBOP	1/11	002	OB114MCP	1/12	002	O1D04P	1/5	003	O0D04P	1/5	003	1B03PBIP	1/4	002	1C01P	1/2	003	1C01P	1/2	003
OB11PBIN	1/12	002	OB118KSN	1/12	002	O1D05N	1/6	003	O0D05N	1/6	003	1B03PBON	1/4	002	1C02N	1/3	003	1C02N	1/3	003
OB11PBIP	1/12	002	OB118KSP	1/12	002	O1D05P	1/6	003	O0D05P	1/6	003	1B03PBOP	1/4	002	1C02P	1/3	003	1C02P	1/3	003
OB11PBON	1/12	002	OB124MCN	1/13	002	O1D06N	1/7	003	O0D06N	1/7	003	1B04PBIN	1/5	002	1C03N	1/4	003	1C03N	1/4	003
OB11PBOP	1/12	002	OB124MCP	1/13	002	O1D06P	1/7	003	O0D06P	1/7	003	1B04PBIP	1/5	002	1C03P	1/4	003	1C03P	1/4	003
OB12PBIN	1/13	002	OB128KSN	1/13	002	O1D07N	1/8	003	O0D07N	1/8	003	1B04PBON	1/5	002	1C04N	1/5	003	1C04N	1/5	003
OB12PBIP	1/13	002	OB128KSP	1/13	002	O1D07P	1/8	003	O0D07P	1/8	003	1B04PBOP	1/5	002	1C04P	1/5	003	1C04P	1/5	003
OB12PBON	1/13	002	OB134MCN	1/14	002	O1D08N	1/9	003	O0D08N	1/9	003	1B05PBIN	1/6	002	1C05N	1/6	003	1C05N	1/6	003
OB12PBOP	1/13	002	OB134MCP	1/14	002	O1D08P	1/9	003	O0D08P	1/9	003	1B05PBIP	1/6	002	1C05P	1/6	003	1C05P	1/6	003
OB13PBIN	1/14	002	OB138KSN	1/14	002	O1D09N	1/10	003	O0D09N	1/10	003	1B05PBON	1/6	002	1C06N	1/7	003	1C06N	1/7	003
OB13PBIP	1/14	002	OB138KSP	1/14	002	O1D09P	1/10	003	O0D09P	1/10	003	1B05PBOP	1/6	002	1C06P	1/7	003	1C06P	1/7	003
OB13PBON	1/14	002	OB144MCN	1/15	002	O1D10N	1/11	003	O0D10N	1/11	003	1B06PBIN	1/7	002	1C07N	1/8	003	1C07N	1/8	003
OB13PBOP	1/14	002	OB144MCP	1/15	002	O1D10P	1/11	003	O0D10P	1/11	003	1								

LEAD INDEX (CONT)

DESIG	FS/SYM	CAD	LOCATION	DESIG	FS/SYM	CAD	LOCATION	DESIG	FS/SYM	CAD	LOCATION	DESIG	FS/SYM	CAD	LOCATION	DESIG	FS/SYM	CAD	LOCATION	DESIG	FS/SYM	CAD	LOCATION								
CONN CKT (CONT)				CONN CKT (CONT)				CONN CKT (CONT)				CONN CKT (CONT)				ERSM FACILITY INTERFACE UNIT (CONT)				EXPORT NETWORK CLOCK (CONT)				EXPORT NETWORK CLOCK (U.S.) TO FIU (CONT)							
1C06N	1/7	003		1NINT06P	1/7	003		1S07N	1/8	003		LOP7514	1/15	006		1A3TIST	1/4	007		1XN3PCM	1/4	008						GRD04119	1/12		
1C06P	1/7	003		1NINT07N	1/8	003		1S07P	1/8	003		LOP7515	1/16	006		1A4LINCL	1/5	007		1XN3PCM	1/4							GRD04119	1/12		
1C07N	1/8	003		1NINT07P	1/8	003		1S08N	1/9	003		LOP7516	1/17	006		1A4TIST	1/5	007		1XN4PCM	1/5	008						GRD04119	1/12		
1C07P	1/8	003		1NINT08N	1/9	003		1S08P	1/9	003		SHD001	1/2	006		1A5LINCL	1/6	007		1XN4PCM	1/5							GRD04119	1/12		
1C08N	1/9	003		1NINT08P	1/9	003		1S09N	1/10	003		SHD002	1/3	006		1A5TIST	1/6	007		1XP1PCM	1/2							GRD04129	1/13		
1C08P	1/9	003		1NINT09N	1/10	003		1S09P	1/10	003		SHD003	1/4	006		1A6LINCL	1/7	007		1XP1PCM	1/2	008						GRD04129	1/13		
1C09N	1/10	003		1NINT09P	1/10	003		1S10N	1/11	003		SHD003	1/4	006		1A6TIST	1/7	007		1XP2PCM	1/3							GRD04129	1/13		
1C09P	1/10	003		1NINT10N	1/11	003		1S10P	1/11	003		SHD004	1/5	006		1A7LINCL	1/8	007		1XP2PCM	1/3							GRD04129	1/13		
1C10N	1/11	003		1NINT10P	1/11	003		1S11N	1/12	003		SHD005	1/6	006		1A7TIST	1/8	007		1XP3PCM	1/4	008						GRD04139	1/14		
1C10P	1/11	003		1NINT11N	1/12	003		1S11P	1/12	003		SHD006	1/7	006		1A8LINCL	1/9	007		1XP3PCM	1/4							GRD04139	1/14		
1C11N	1/12	003		1NINT11P	1/12	003		1S12N	1/13	003		SHD006	1/7	006		1A8TIST	1/9	007		1XP4PCM	1/5	008						GRD04139	1/14	007	
1C11P	1/12	003		1NINT12N	1/13	003		1S12P	1/13	003		SHD007	1/8	006		1A9LINCL	1/10	007		1XP4PCM	1/5							GRD04139	1/14		
1C12N	1/13	003		1NINT12P	1/13	003		1S13N	1/14	003		SHD008	1/9	006		1A9TIST	1/10	007										GRD04149	1/15		
1C12P	1/13	003		1NINT13N	1/14	003		1S13P	1/14	003		SHD008	1/9	006		1A10LINC	1/11	007										GRD04149	1/15		
1C13N	1/14	003		1NINT13P	1/14	003		1S14N	1/15	003		SHD009	1/10	006		1A10TIST	1/11	007										GRD04149	1/15		
1C13P	1/14	003		1NINT14N	1/15	003		1S14P	1/15	003		SHD010	1/11	006		1A11LINC	1/12	007										GRD04149	1/15		
1C14N	1/15	003		1NINT14P	1/15	003		1S15N	1/16	003		SHD011	1/12	006														GRD04019	1/2		
1C14P	1/16	003		1NINT15N	1/16	003		1S15P	1/16	003		SHD012	1/13	006		1A11TIST	1/12	007		GRD04019	1/2							GRD04019	1/2		
1C15N	1/16	003		1NINT15P	1/16	003		1S16N	1/17	003		SHD013	1/14	006		1A12LINC	1/13	007		GRD04019	1/2							GRD04159	1/16		
1C15P	1/15	003		1NINT16N	1/17	003		1S16P	1/17	003		SHD014	1/15	006		1A12TIST	1/13	007		GRD04019	1/2							GRD04159	1/16		
1C16N	1/17	003		1NINT16P	1/17	003		LIN01	1/2	005,006		SHD015	1/15	006		1A13LINC	1/14	007										GRD04159	1/16		
1C16P	1/17	003		1D001N	1/2	003		LIN02	1/3	005,006		SHD015	1/16	006		1A13TIST	1/14	007		GRD04029	1/3							GRD04169	1/17		
1D001N	1/2	003		1D001P	1/2	003		LIN03	1/4	005,006		SHD016	1/17	006		1A14LINC	1/15	007		GRD04029	1/3							GRD04169	1/17		
1D001P	1/2	003		1D002N	1/3	003		LIN04	1/5	005,006		SHD016	1/17	006		1A14TIST	1/15	007		GRD04029	1/3							GRD04169	1/17		
1D002N	1/3	003		1D002P	1/3	003		LIN05	1/6	005,006						1A15LINC	1/16	007										GRD04169	1/17	007,009	
1D002P	1/3	003		1D003N	1/4	003		LIN06	1/7	005,006		ERSM FACILITY INTERFACE UNIT			1A15TIST	1/16	007		GRD04039	1/4											
1D003N	1/4	003		1D003P	1/4	003		LIN07	1/8	005,006						1A16LINC	1/17	007		GRD04039	1/4										
1D003P	1/4	003		1D004N	1/5	003		LIN08	1/9	005,006						1A16TIST	1/17	007		GRD04039	1/4										
1D004N	1/5	003		1D004P	1/5	003		LIN09	1/10	005,006						GRD04019	1/2	007													
1D004P	1/5	003		1D005N	1/6	003		LIN10	1/11	005,006		0A1LINCL	1/2	007		GRD04029	1/3	007		GRD04049	1/5										
1D005N	1/6	003		1D005P	1/6	003		LIN11	1/12	005,006		0A2LINCL	1/3	007		GRD04039	1/4	007		GRD04049	1/5										
1D005P	1/6	003		1D006N	1/7	003		LIN12	1/13	005,006		0A2TIST	1/3	007		GRD04049	1/5	007		GRD04049	1/5										
1D006N	1/7	003		1D006P	1/7	003		LIN13	1/14	005,006		0A3LINCL	1/4	007		GRD04059	1/6	007		GRD04049	1/5										
1D006P	1/7	003		1D007N	1/8	003		LIN14	1/15	005,006		0A3TIST	1/4	007		GRD04069	1/7	007		GRD04059	1/6										
1D007N	1/8	003		1D007P	1/8	003		LIN15	1/16	005,006		0A4LINCL	1/5	007		GRD04079	1/8	007		GRD04059	1/6										
1D007P	1/8	003		1D008N	1/9	003		LIN16	1/17	005,006		0A4TIST	1/5	007		GRD04089	1/9	007		GRD04059	1/6										
1D008N	1/9	003		1D008P	1/9	003		LIP7501	1/2	006		0A5LINCL	1/6	007		GRD04099	1/10	007		GRD04069	1/7										
1D008P	1/9	003		1D009N	1/10	003		LIP7502	1/3	006		0A5TIST	1/6	007		GRD04109	1/11	007		GRD04069	1/7										
1D009N	1/10	003		1D009P	1/10	003		LIP7503	1/4	006		0A6LINCL	1/7	007		GRD04119	1/12	007		GRD04069	1/7										
1D009P	1/10	003		1D010N	1/11	003		LIP7504	1/5	006		0A6TIST	1/7	007		GRD04129	1/13	007		GRD04069	1/7										
1D010N	1/11	003		1D010P	1/11	003		LIP7505	1/6	006		0A7LINCL	1/8	007		GRD04149	1/15	007		GRD04079	1/8										
1D010P	1/11	003		1D011N	1/12	003		LIP7506	1/7	006		0A7TIST	1/8	007						GRD04079	1/8										
1D011N	1/12	003		1D011P	1/12	003		LIP7507	1/8	006		0A8LINCL	1/9	007		GRD04159	1/16	007		GRD04079	1/8										
1D011P	1/12	003		1D012N	1/13	003		LIP7508	1/9	006		0A8TIST	1/9	007						GRD04079	1/8										
1D012N	1/13	003		1D012P	1/13	003		LIP7509	1/10	006																					
1D012P	1/13	003		1D013N	1/14	003		LIP7510	1/11	006		0A9LINCL	1/10	007																	
1D013N	1/14	003		1D013P	1/14	003		LIP7511	1/12	006		0A9TIST	1/10	007																	
1D013P	1/14	003		1D014N	1/15	003		LIP7512	1/13	006		0A10LINC	1/11	007																	
1D014N	1/15	003		1D014P	1/15	003		LIP7513	1/14	006		0A10TIST	1/11	007		0XN1PCM	1/2	008		GRD04089	1/9										
1D014P	1/15	003		1D015N	1/16	003		LIP7514	1/15	006		0A11LINC	1/12	007		0XN1PCM	1/2			GRD04089	1/9										
1D015N	1/16	003		1D015P	1/16	003		LIP7515	1/16	006		0A11TIST	1/12	007		0XN1PCM	1/2			GRD04089	1/9										
1D015P	1/16	003		1D016N	1/17	003		LIP7516	1/17	006		0A12LINC	1/13	007		0XN2PCM	1/3	008		GRD04089	1/9										

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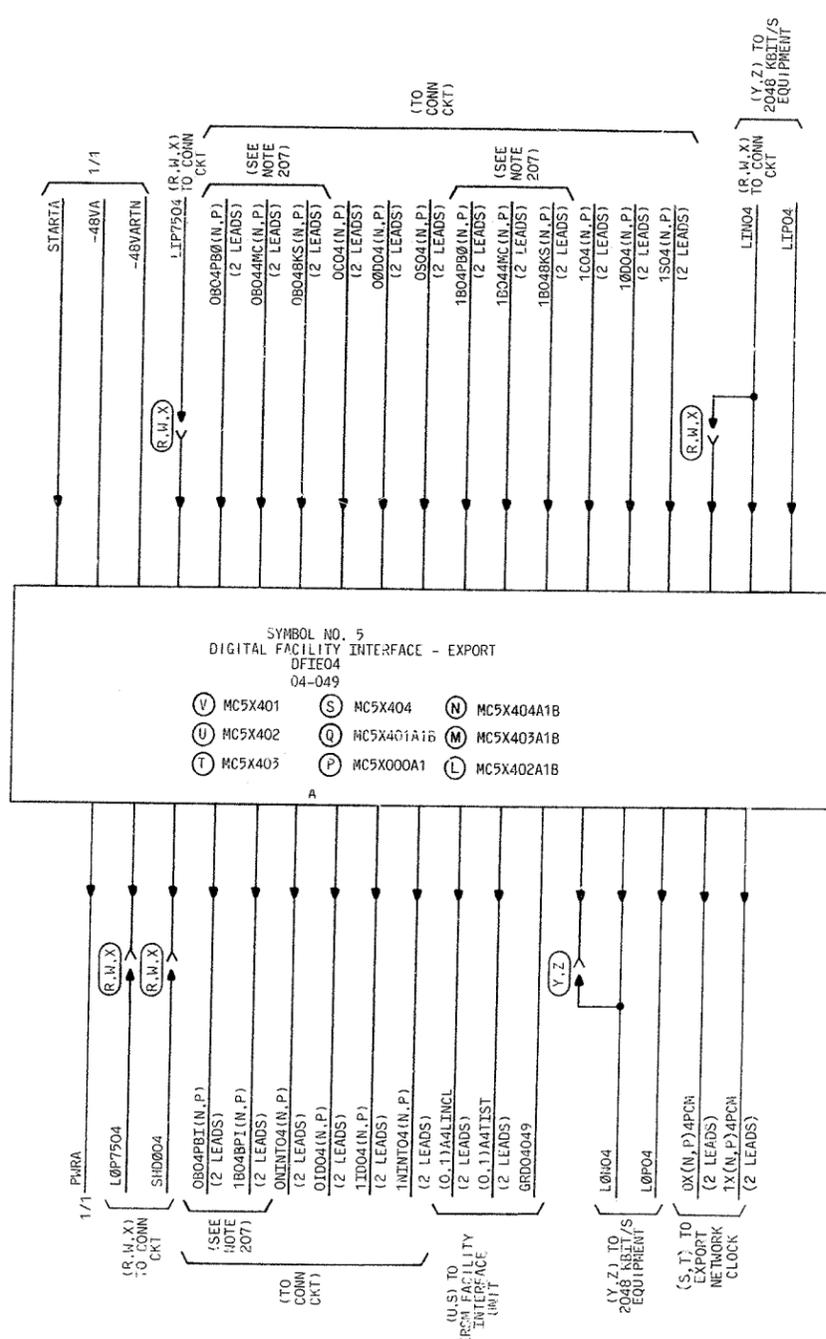
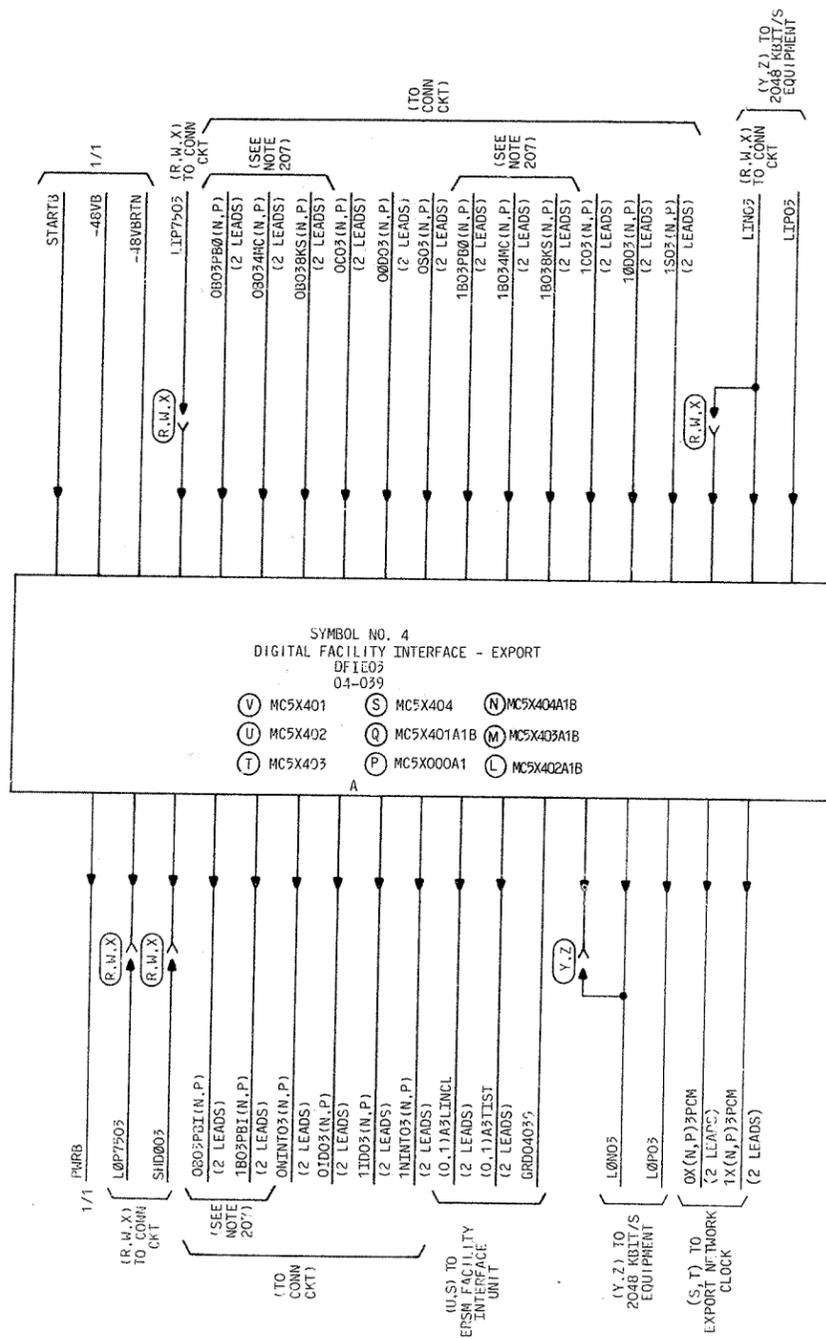
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		6S	4B
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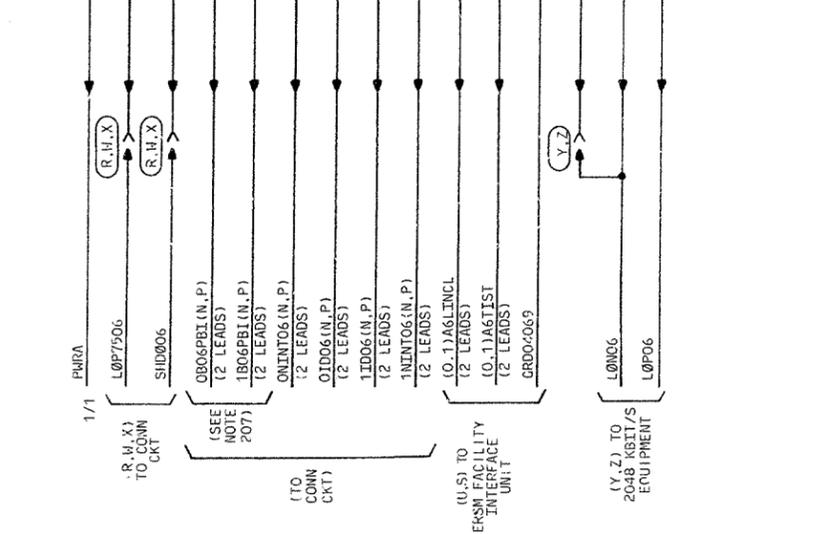
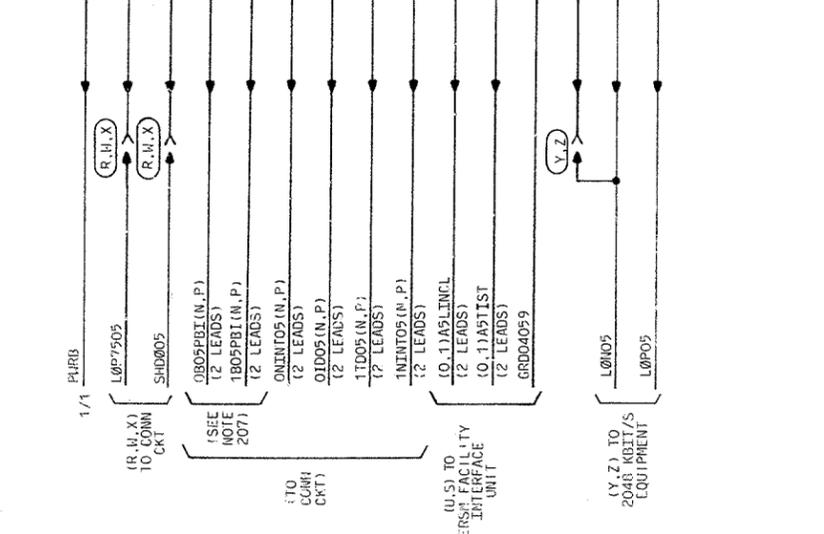
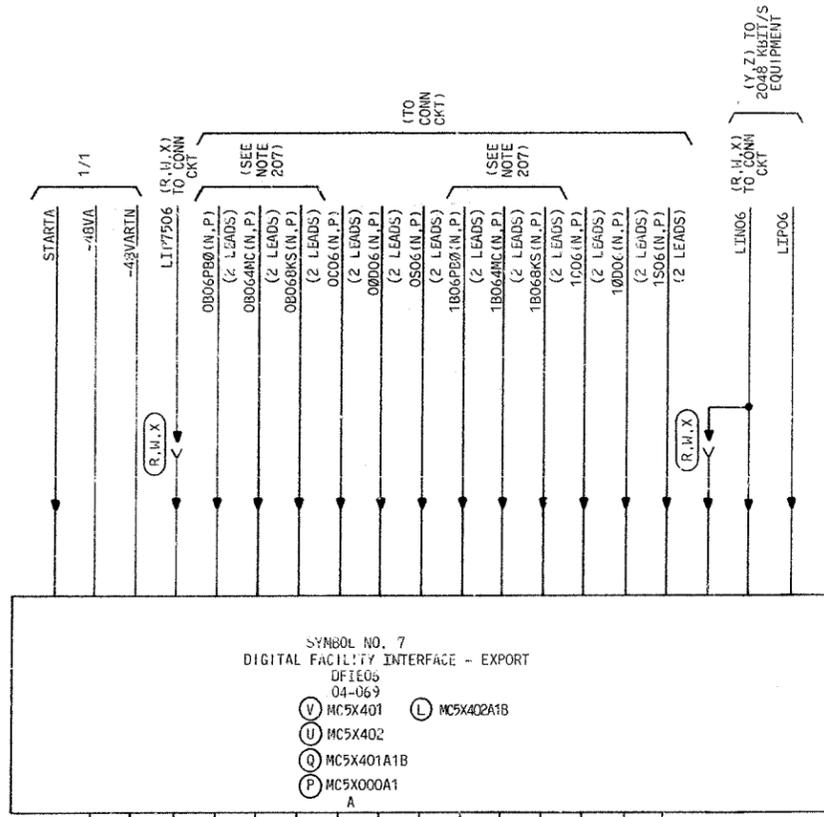
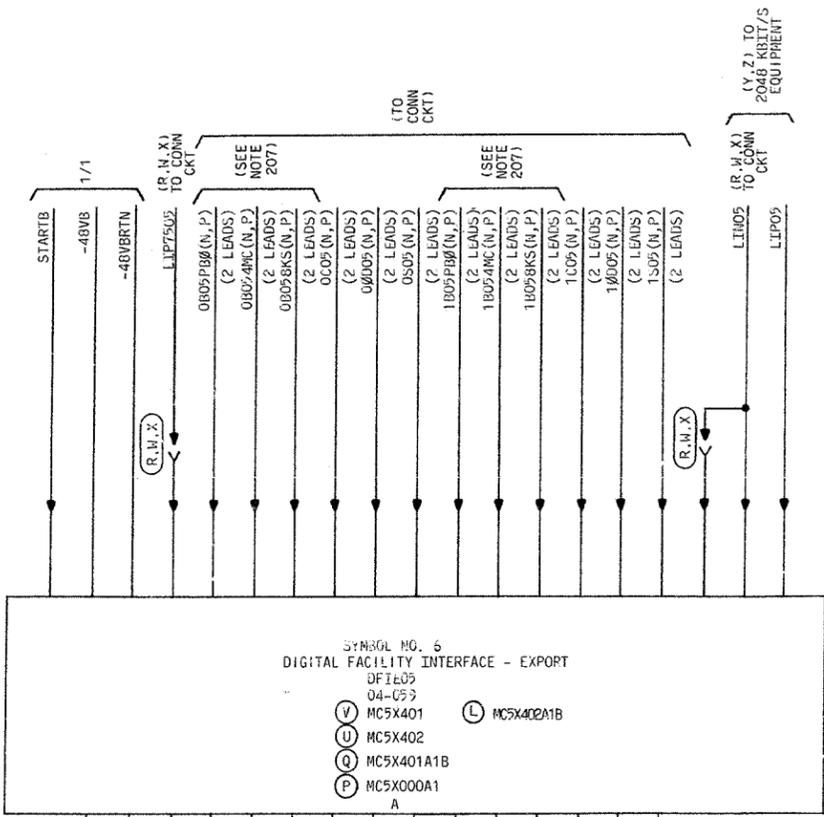
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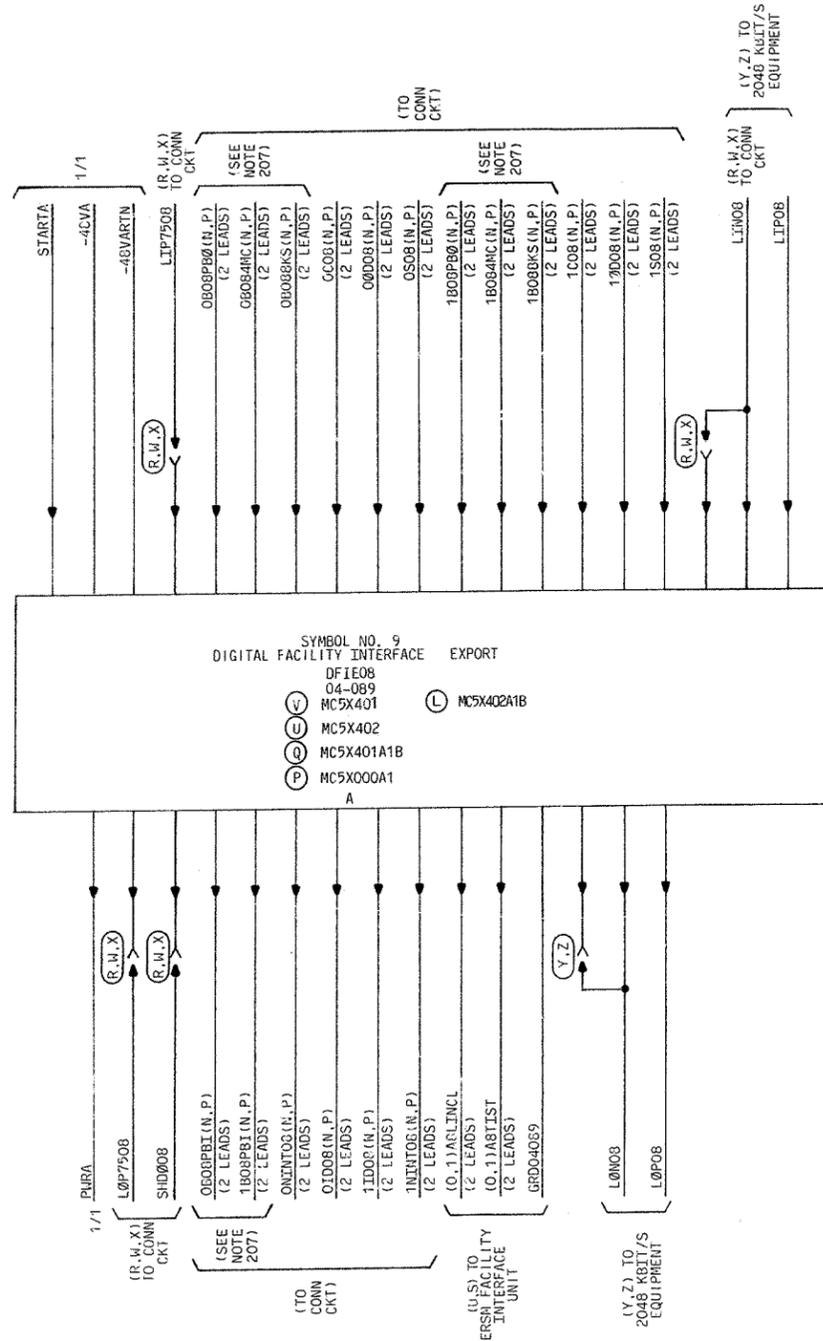
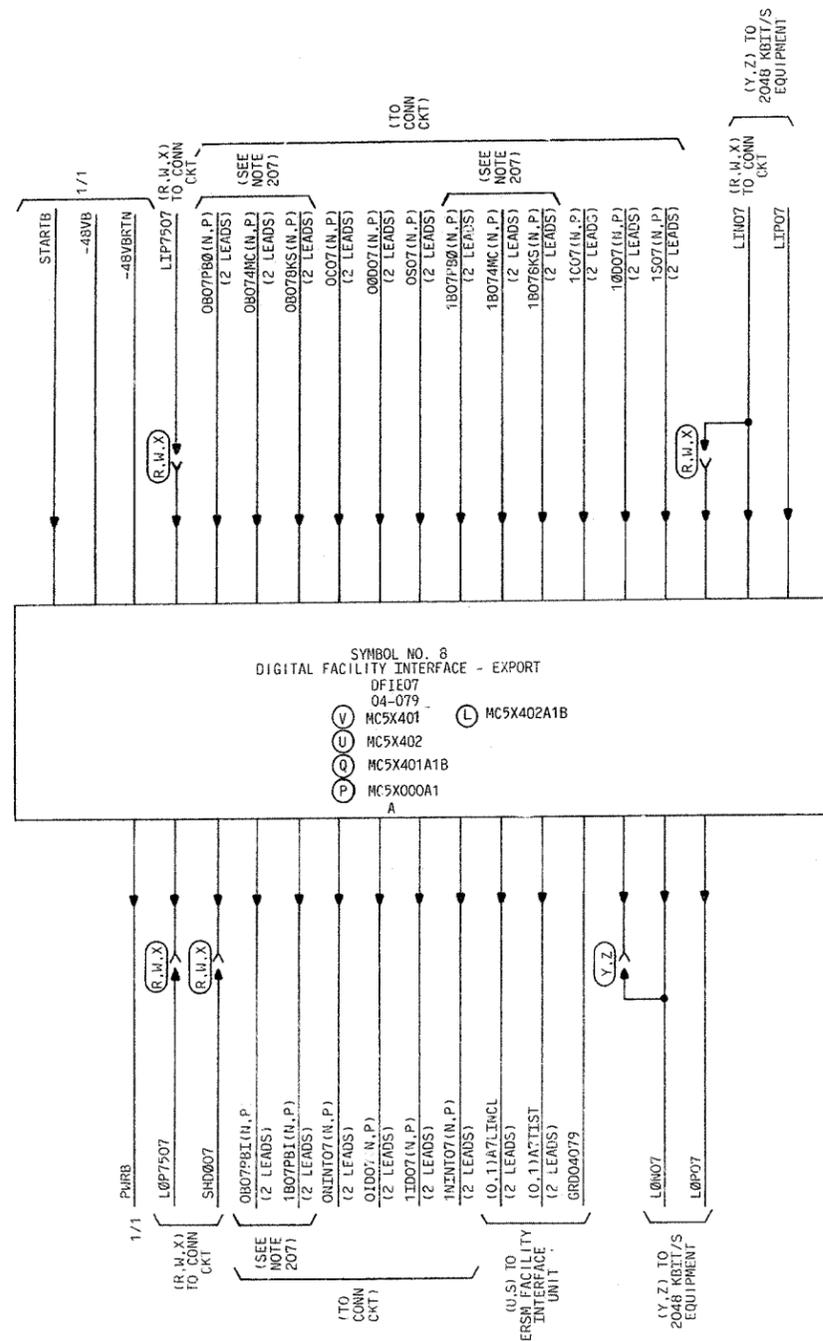
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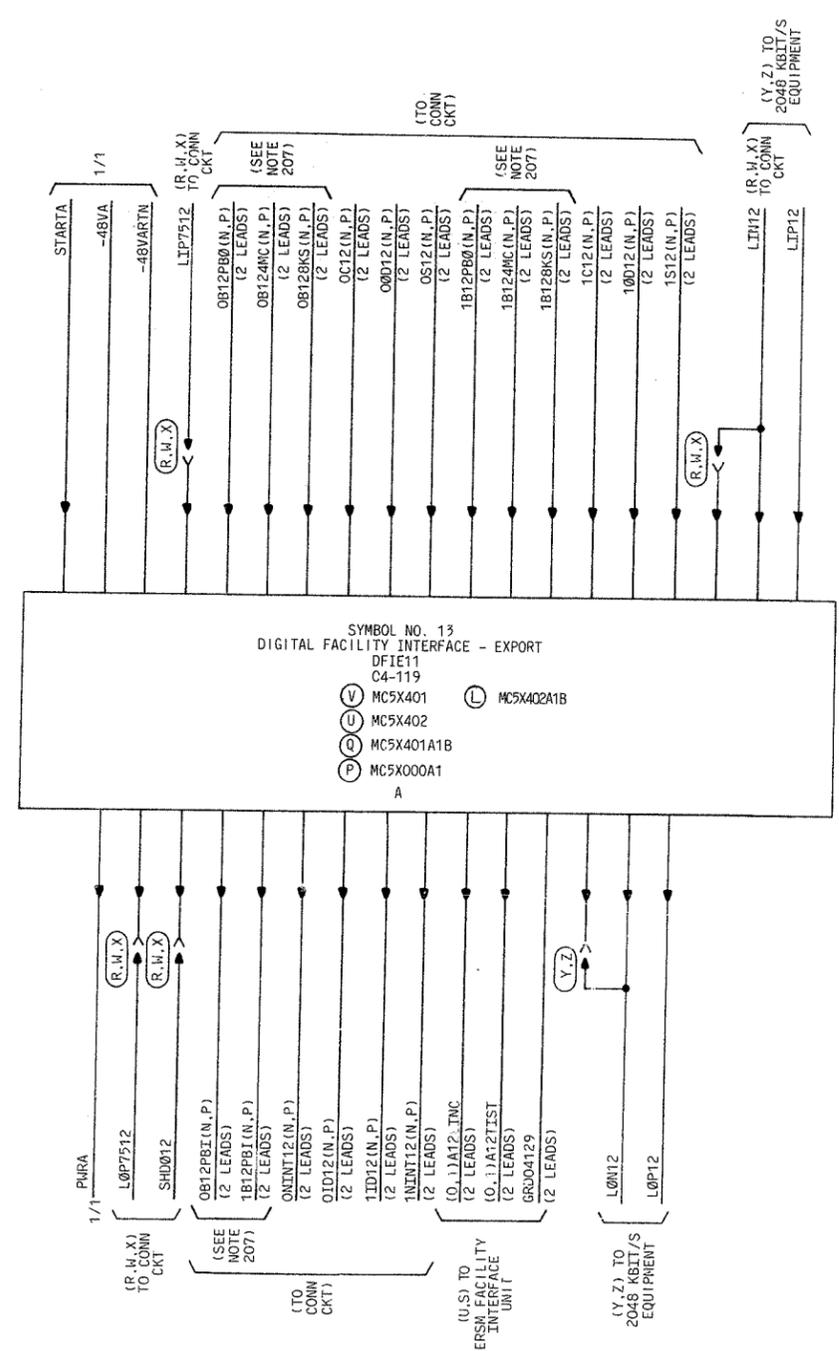
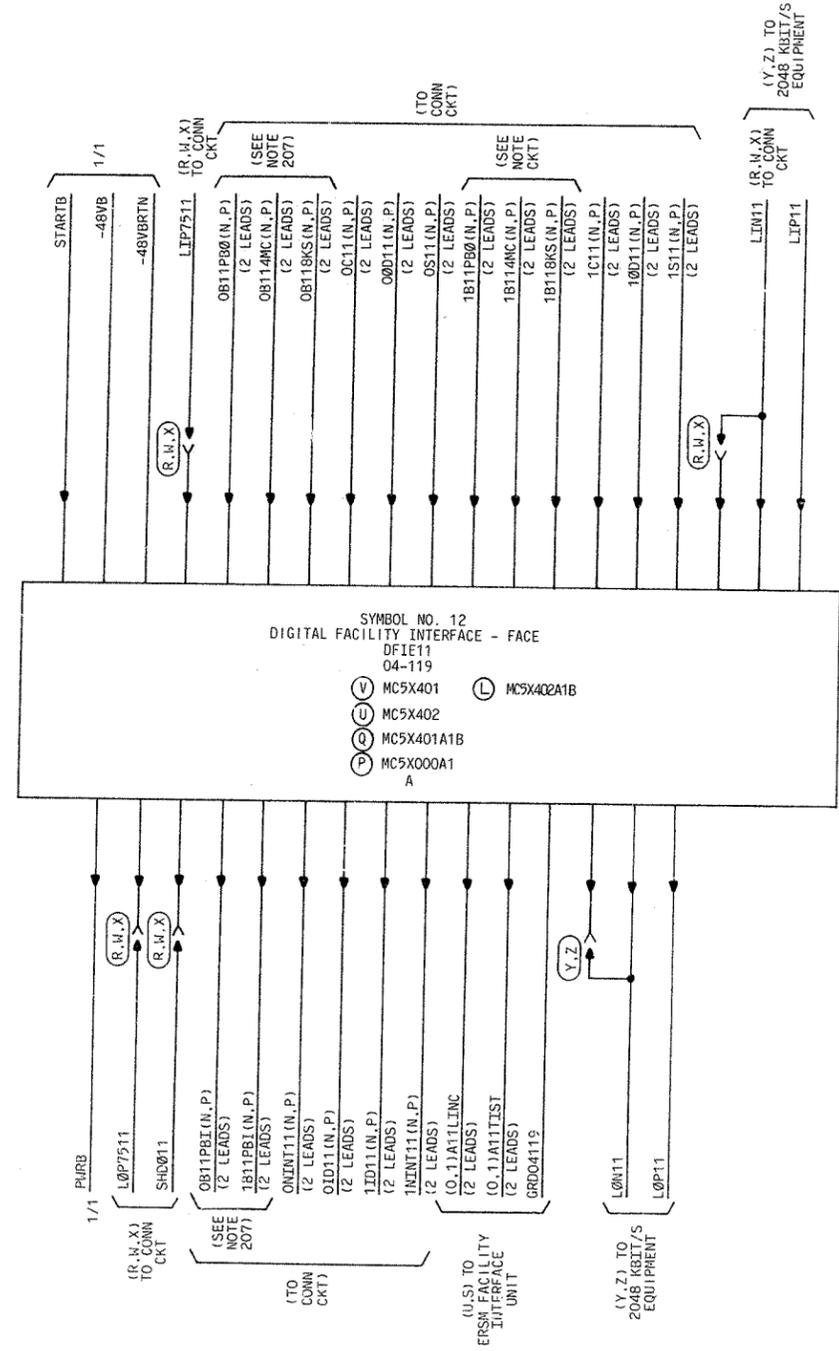


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DIGITAL LINE TRUNK UNIT - EXPORT	DWG SIZE	ISSUE
	6S	4B
AT&T	SD-5X204-01	SHEET BIAD

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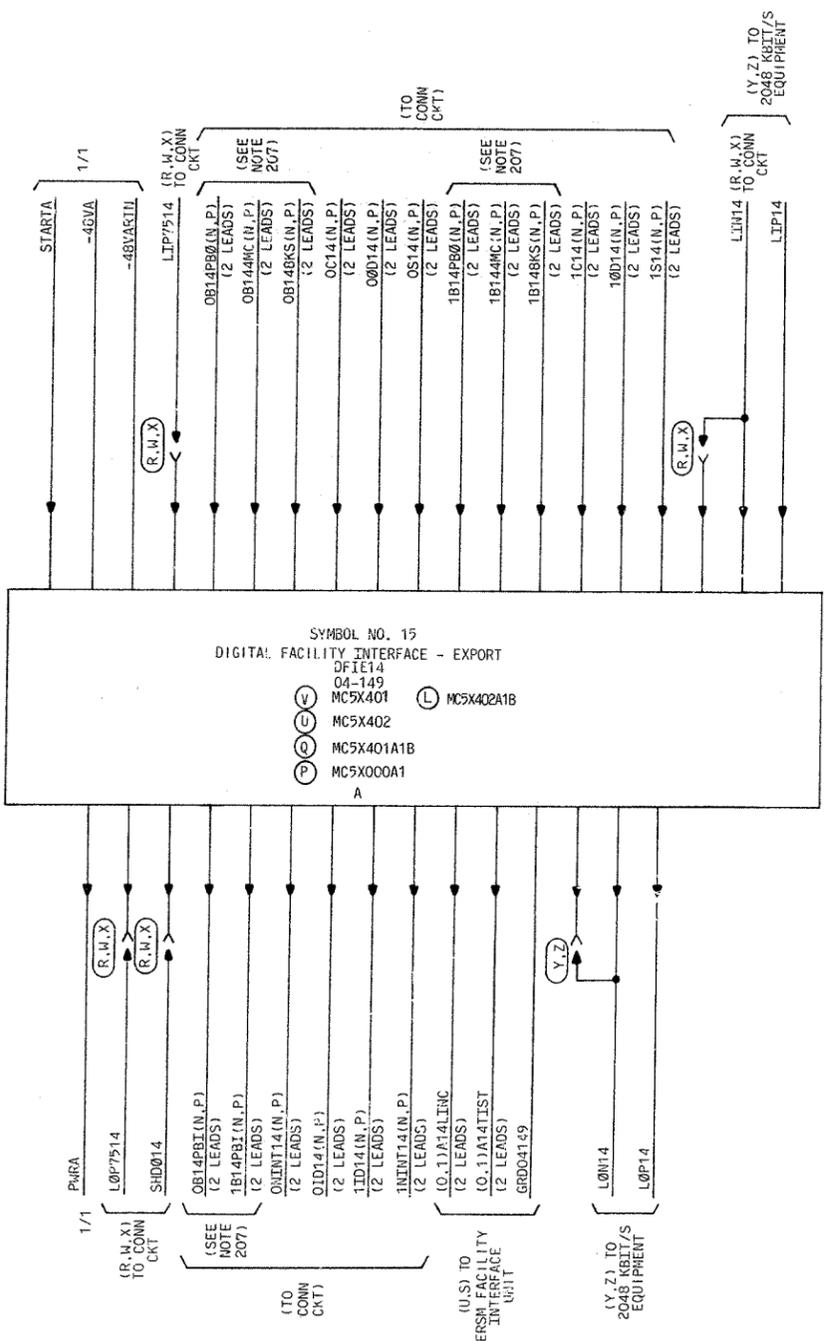
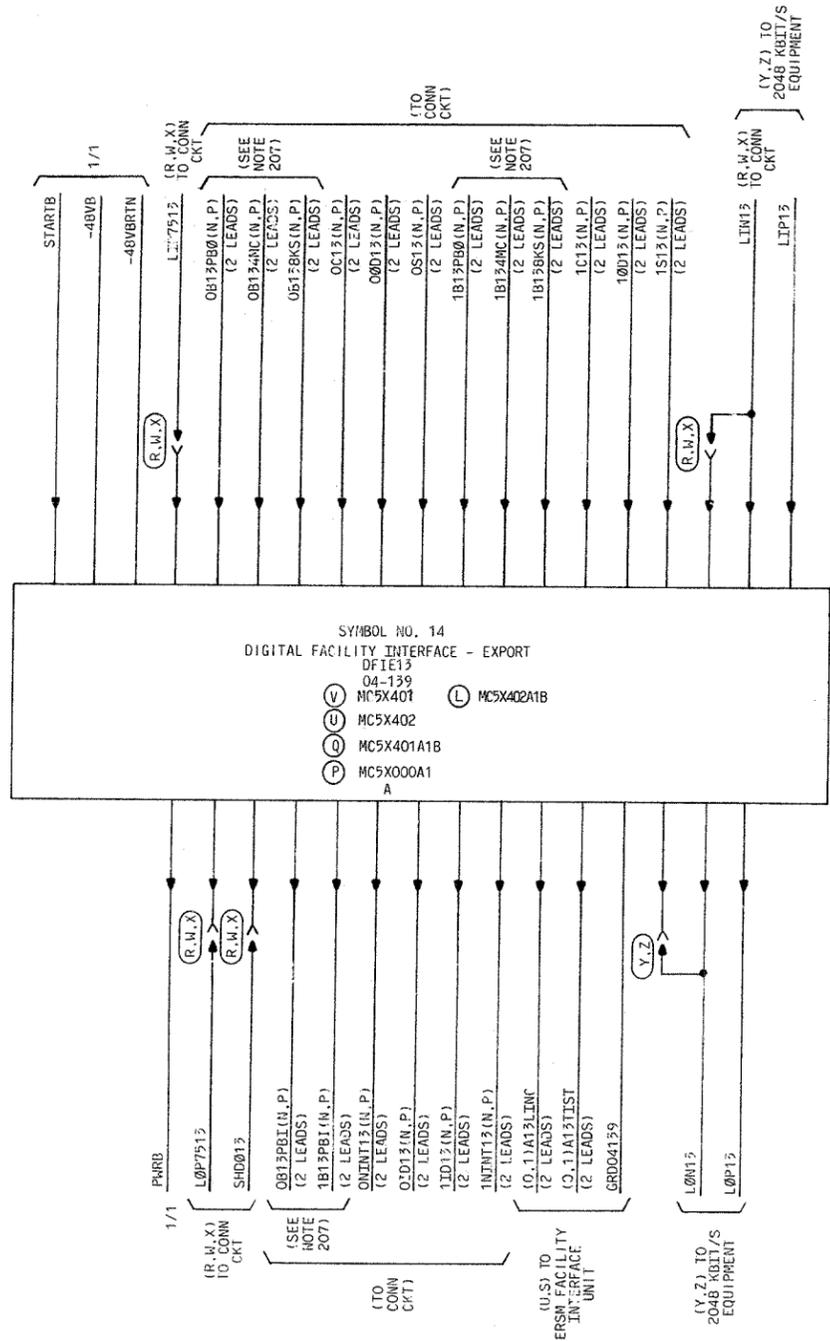
PART OF FS I
DIGITAL FACILITY INTERFACE - EXPORT
(P/O INTERCONNECTION & FLOW DIAGRAM)



DIGITAL LINE TRUNK UNIT - EXPORT		DWG SIZE 6S	ISSUE 4B
AT&T	SD-5X204-01	BIAF	

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PART OF FS I
 DIGITAL FACILITY INTERFACE - EXPORT
 (P/O INTERCONNECTION & FLOW DIAGRAM)

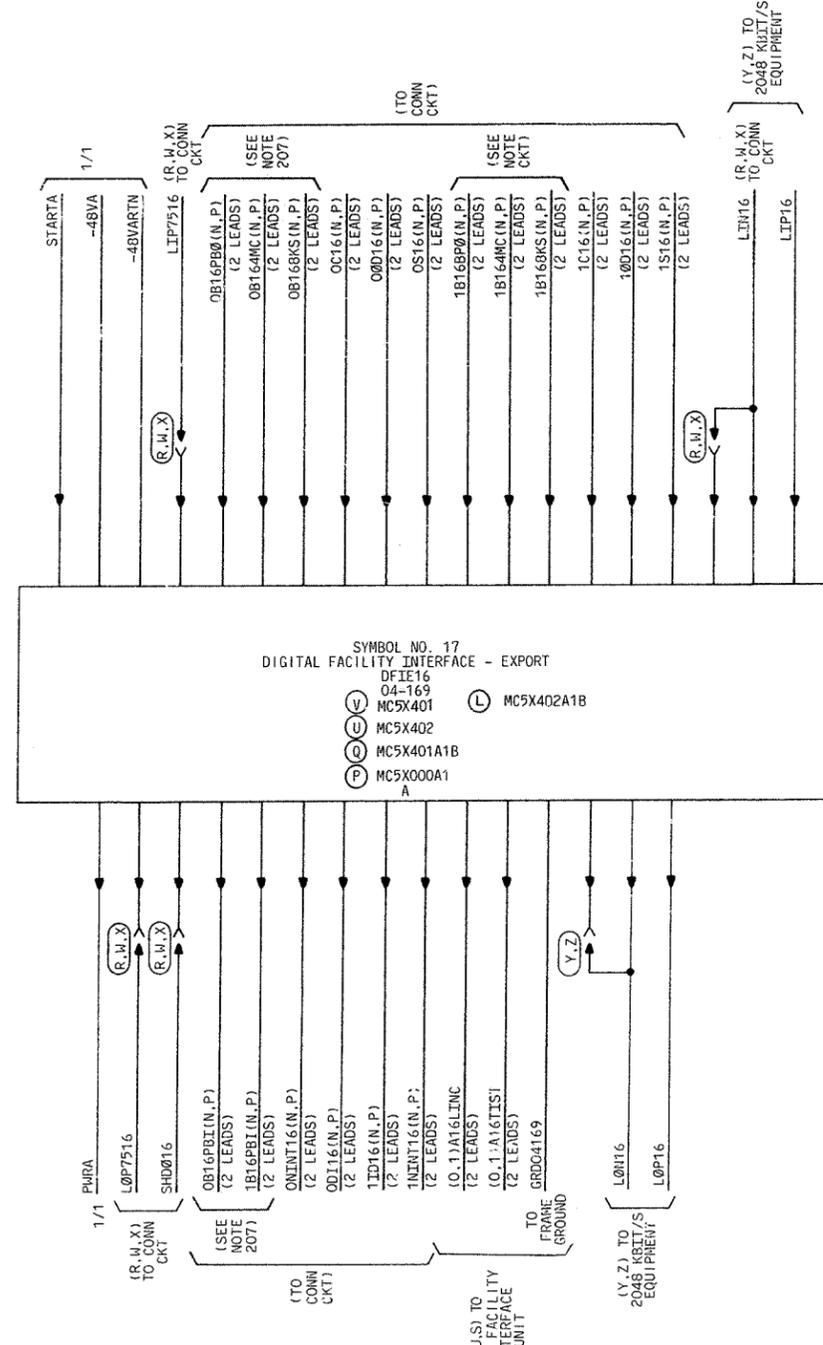
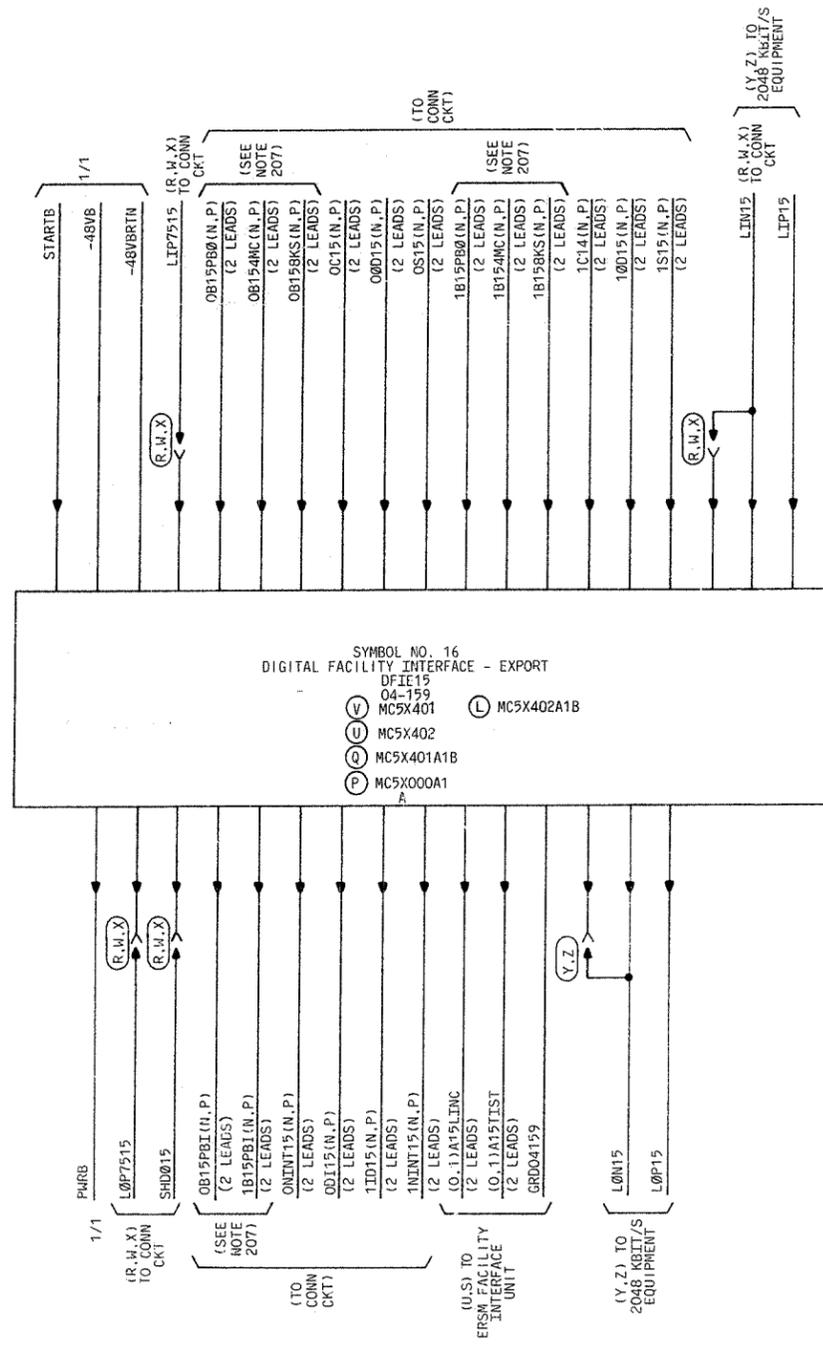


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DIGITAL LINE TRUNK UNIT - EXPORT		DWG SIZE	ISSUE
		BS	4B
AT&T	SD-5X204-01	SHEET B/AG	

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PART OF FS I
DIGITAL FACILITY INTERFACE - EXPORT
(P/O INTERCONNECTION & FLOW DIAGRAM)



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DIGITAL LINE TRUNK UNIT - EXPORT		DWG SIZE 6S	ISSUE 4B
AT&T	SD-5X204-01	SHEET BIAH	

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PART OF FS 1
DIGITAL FACILITY INTERFACE-EXPORT

SYMBOL NO. 1

POWER START

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PWRSTRT	04-010	SN346	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48VA	PWR	-48VA	100		1/1	
	PWR	-48VA	000		1/3, 1/5	
					1/7, 1/9	
					1/11, 1/13	
					1/15, 1/17	
-48VARTN	GRD	-48RTNA	101		1/1	TO FUSE PANEL
						TO FUSE PANEL
					1/3, 1/5	
					1/7, 1/9	
					1/11, 1/13	
					1/15, 1/17	
-48VB	PWR	-48VB	002		1/1	TO FUSE PANEL
	PWR	-48VB	102		1/2, 1/4	
					1/6, 1/8	
					1/10, 1/12	
					1/14, 1/16	
-48VBRTN	GRD	-48RTNB	103		1/1	TO FUSE PANEL
	GRD	-48RTNB	003		1/2, 1/4	
					1/6, 1/8	
					1/10, 1/12	
					1/14, 1/16	
PWRA	I	PWRA	109		1/3, 1/5	
					1/7, 1/9	
					1/11, 1/13	
					1/15, 1/17	
PWRB	I	PWRB	111		1/2, 1/4	
					1/6, 1/8	
					1/10, 1/12	
					1/14, 1/16	
STARTA	O	STARTA	009		1/3, 1/5	
					1/7, 1/9	
					1/11, 1/13	
					1/15, 1/17	
STARTB	O	STARTB	011		1/2, 1/4	
					1/6, 1/8	
					1/10, 1/12	
					1/14, 1/16	

SYMBOL NO. 2

DIGITAL FACILITY INTERFACE EXPORT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE01	04-019	MCSX401	A	(V)3
DFIE01	04-019	MCSX402	A	(U)4
DFIE01	04-019	MCSX403	A	(T)5
DFIE01	04-019	MCSX404	A	(S)6
DFIE01	04-019	MCSX401A1B	A	(Q)7
DFIE01	04-019	MCSX000A1	A	(P)8
DFIE01	04-019	MCSX402A1B	A	(L)9
DFIE01	04-019	MCSX403A1B	A	(M)10
DFIE01	04-019	MCSX404A1B	A	(N)11

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	(V)PWR	+5A	106			
	(U)PWR	+5B				
	(T)PWR	+5A				
	(S)PWR	+5B				
	(Q)PWR	+5				
	(P)PWR	+5				
	(V)PWR	+5B	205			
	(U)PWR	+5A				
	(T)PWR	+5B				
	(S)PWR	+5A				
	(Q)PWR	+5				
	(P)PWR	+5				

SYMBOL NO. 2 (CONT)

DIGITAL FACILITY INTERFACE EXPORT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE01	04-019	MCSX401	A	(V)3
DFIE01	04-019	MCSX402	A	(U)4
DFIE01	04-019	MCSX403	A	(T)5
DFIE01	04-019	MCSX404	A	(S)6
DFIE01	04-019	MCSX401A1B	A	(Q)7
DFIE01	04-019	MCSX000A1	A	(P)8
DFIE01	04-019	MCSX402A1B	A	(L)9
DFIE01	04-019	MCSX403A1B	A	(M)10
DFIE01	04-019	MCSX404A1B	A	(N)11

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(V)PWR	+5A	206			
	(U)PWR	+5A				
	(T)PWR	+5A				
	(S)PWR	+5A				
	(Q)PWR	+5				
	(P)PWR	+5				
	O	CLK2048	010			208
	O	CRCERR	019			208
	O	A8	020			208
	O	A9	021			208
	O	A10	022			208
	O	A11	023			208
	O	PCM20	034			208
	O	XSYNC	111			208
	O	TSTALE	133			208
	O	PCN10	134			208
	I	VPP	007			209
	I	TXCLK	019			209
	I	RXCLK	021			209
	I	PROMOEN	033			209
	I	TP	033			208
	I	PROMCEN	034			209
	I	VDD	107			209
	I	TXDATA	119			209
	I	RESET	119			208
	I	ADB4	120			208
	I	ADB5	121			208
	I	RXDATA	121			209
	I	ADB6	122			208
	I	ADB7	123			208
	I	PGMN	133			209
	I	PRBUSN	134			209
	I	A0	209			209
	I	A1	210			209
	I	MBTSEN	210			208
	I	A2	211			209
	I	A3	212			209
	I	ENALE	212			208
	I	ALE	213			208
	I	A4	213			209
	I	A5	214			209
	I	1CE1	214		U,S	208
	I	A6	216			209
	I	A7	217			209
	I	A8	219			209
	I	A9	220			209
	I	ADB0	220			208
	I	ADB1	221			208
	I	A10	221			209
	I	A11	222			209
	I	ADB2	222			208
	I	ADB3	223			208
	I	A12	223			209
	I	BUSEN	233			209

SYMBOL NO. 2 (CONT)

DIGITAL FACILITY INTERFACE EXPORT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE01	04-019	MCSX401	A	(V)3
DFIE01	04-019	MCSX402	A	(U)4
DFIE01	04-019	MCSX403	A	(T)5
DFIE01	04-019	MCSX404	A	(S)6
DFIE01	04-019	MCSX401A1B	A	(Q)7
DFIE01	04-019	MCSX000A1	A	(P)8
DFIE01	04-019	MCSX402A1B	A	(L)9
DFIE01	04-019	MCSX403A1B	A	(M)10
DFIE01	04-019	MCSX404A1B	A	(N)11

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	ERD	233			208
	I	DBDIR	234			208
	I	BUSEN	235			208
	I	A13	235			209
	I	A14	236			209
	I	2CE2	236			208
	I	2CE1	237			208
	I	A15	237			209
	I	A16	238			209
	I	1CE2	238		U,S	208
	I	DB0	239			209
	I	DB1	240			209
	I	DB2	241			209
	I	DB3	242			209
	I	DB4	243			209
	I	DB5	245			209
	I	DB6	248			209
	I	DB7	249			209
	I	EN2TABN	255			209
	GRD	GRD	020			209
	GRD	GRD	120			209
-48VB	PWR	-481N	000		1/1	
	PWR	-481N	100		1/1	
	PWR	-481N	200		1/1	
-48VBRTN	PWR	-48RTN	001		1/1	
	PWR	-48RTN	101		1/1	
	PWR	-48RTN	201		1/1	
GRD04019	I	LIRST	018			(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU 208
	GRD		015			(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	051			
	GRD		115			(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU
	GRD	GRD	118			(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	215			
	GRD	GRD	218			
	GRD	GRD	244			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			(U) TO ERSM FACILITY INTERFACE UNIT
LIN01	GRD	GRD	256			(Y,Z) TO 2048 KBIT/S
	I	LIN	032		R,W,X	

SYMBOL NO. 2 (CONT)

DIGITAL FACILITY INTERFACE EXPORT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE01	04-019	MCSX401	A	(V)3
DFIE01	04-019	MCSX402	A	(U)4
DFIE01	04-019	MCSX403	A	(T)5
DFIE01	04-019	MCSX404	A	(S)6
DFIE01	04-019	MCSX401A1B	A	(Q)7
DFIE01	04-019	MCSX000A1	A	(P)8
DFIE01	04-019	MCSX402A1B	A	(L)9
DFIE01	04-019	MCSX403A1B	A	(M)10
DFIE01	04-019	MCSX404A1B	A	(N)11

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	L175	232		R,X	
LIP01	I	LIP	132			(Y,Z) TO 2048 KBIT/S EQUIPMENT OR (R,W,X) TO CONN CKT
LIP7501	I	LIP	132			EQUIPMENT (R,W,X) TO CONN CKT
LON01	OT	LON	024		Y,Z	(Y,Z)1/2 (Y,Z) TO 2048 KBIT/S EQUIPMENT
LOP01	OT	LOP120	224		Y,Z	(Y,Z)1/2 (Y,Z) TO 2048 KBIT/S EQUIPMENT
LOP7501	O	LOP75	108			(R,W,X) TO CONN CKT
NET36	(V)PWR	+5B	207			

PART OF FS 1
DIGITAL FACILITY INTERFACE-EXPORT

SYMBOL NO. 2 (CONT) DIGITAL FACILITY INTERFACE EXPORT						SYMBOL NO. 3 DIGITAL FACILITY INTERFACE EXPORT						SYMBOL NO. 3 (CONT) DIGITAL FACILITY INTERFACE EXPORT						SYMBOL NO. 3 (CONT) DIGITAL FACILITY INTERFACE EXPORT					
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT		DESIG	EQPT LOC	CODE	ELEM IDENT	OPT		DESIG	EQPT LOC	CODE	ELEM IDENT	OPT		DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
DFIE01	04-019	MC5X401	A	(V)3		DFIE02	04-029	MC5X401	A	(V)3		DFIE02	04-029	MC5X401	A	(V)3		DFIE02	04-029	MC5X401	A	(V)3	
DFIE01	04-019	MC5X402	A	(U)4		DFIE02	04-029	MC5X402	A	(U)4		DFIE02	04-029	MC5X402	A	(U)4		DFIE02	04-029	MC5X402	A	(U)4	
DFIE01	04-019	MC5X403	A	(T)5		DFIE02	04-029	MC5X403	A	(T)5		DFIE02	04-029	MC5X403	A	(T)5		DFIE02	04-029	MC5X403	A	(T)5	
DFIE01	04-019	MC5X404	A	(S)6		DFIE02	04-029	MC5X404	A	(S)6		DFIE02	04-029	MC5X404	A	(S)6		DFIE02	04-029	MC5X404	A	(S)6	
DFIE01	04-019	MC5X401A1B	A	(Q)7		DFIE02	04-029	MC5X401A1B	A	(Q)7		DFIE02	04-029	MC5X401A1B	A	(Q)7		DFIE02	04-029	MC5X401A1B	A	(Q)7	
DFIE01	04-019	MC5X000A1	A	(P)8		DFIE02	04-029	MC5X000A1	A	(P)8		DFIE02	04-029	MC5X000A1	A	(P)8		DFIE02	04-029	MC5X000A1	A	(P)8	
DFIE01	04-019	MC5X402A1B	A	(L)9		DFIE02	04-029	MC5X402A1B	A	(L)9		DFIE02	04-029	MC5X402A1B	A	(L)9		DFIE02	04-029	MC5X402A1B	A	(L)9	
DFIE01	04-019	MC5X403A1B	A	(M)10		DFIE02	04-029	MC5X403A1B	A	(M)10		DFIE02	04-029	MC5X403A1B	A	(M)10		DFIE02	04-029	MC5X403A1B	A	(M)10	
DFIE01	04-019	MC5X404A1B	A	(N)11		DFIE02	04-029	MC5X404A1B	A	(N)11		DFIE02	04-029	MC5X404A1B	A	(N)11		DFIE02	04-029	MC5X404A1B	A	(N)11	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
01D01N	0	01DN	050	TO CONN CKT		NC	(V)PWR	+5A		106		I	A9			220	209		GRD	GRD		244	
01D01P	0	01DP	150	TO CONN CKT		(U)PWR	+5B					I	ADB0			220	208	GRD	GRD			246	
0NINT01N	0	0NINTN	046	TO CONN CKT		(T)PWR	+5A					I	ADB1			221	208	GRD	GRD			247	
0NINT01P	0	0NINTP	146	TO CONN CKT		(S)PWR	+5B					I	A10			221	209	GRD	GRD			250	
0DD01N	I	0DDN	049	TO CONN CKT		(Q)PWR	+5					I	A11			222	209	GRD	GRD			251	
0DD01P	I	0DDP	149	TO CONN CKT		(V)PWR	+5B		205			I	ADB2			222	208	GRD	GRD			252	
0S01N	I	0SN	047	TO CONN CKT		(U)PWR	+5A					I	ADB3			223	208	GRD	GRD			253	(U)TO ERSM FACILITY INTERFACE UNIT
0S01P	I	0SP	147	TO CONN CKT		(Q)PWR	+5					I	A12			223	209	I	ERD	GRD		256	
0XN1PCM	0	0XNPCM	011	(S)TO EXPORT NETWORK CLOCK		(P)PWR	+5					I	BUSEN			233	209	I	DBD1R	GRD		234	
0XN1PCM	0	0XNPCM	016	(T)TO EXPORT NETWORK CLOCK		(V)PWR	+5A		206			I	BUSEN			233	208	I	BUSEN			235	
0XN1PCM	0	0XNPCM	110	(S)TO EXPORT NETWORK CLOCK		(U)PWR	+5A					I	ERD			233	208	I	DBD1R			234	
0XN1PCM	0	0XNPCM	116	(T)TO EXPORT NETWORK CLOCK		(T)PWR	+5A					I	DBD1R			234	208	I	BUSEN			235	
1A1LINCL	(U)0	LINCLK1	114	(U,S)TO ERSM FACILITY INTERFACE UNIT		(S)PWR	+5A					I	A13			235	209	I	A14			236	
1A1LINCL	(S)0	LINCLK1	114	(U,S)TO ERSM FACILITY INTERFACE UNIT		(Q)PWR	+5					I	A14			236	209	I	2CE2			236	
1A1TIST	(U)0	TIST1	014	(U)TO ERSM FACILITY INTERFACE UNIT		(P)PWR	+5					I	A15			237	208	I	A15			237	
1A1TIST	(S)0	TIST1	014	(U)TO ERSM FACILITY INTERFACE UNIT		(V)PWR	+5A					I	A16			238	209	I	A16			238	
1B01BPIN	0	1PB1N	141	TO CONN CKT	207	(Q)PWR	+5					I	DB0			239	209	I	DB1			240	
1B01PBIP	0	1PB1P	041	TO CONN CKT	207	(S)PWR	+5A					I	DB1			240	209	I	DB2			241	
1B01PBON	I	1PB1N	140	TO CONN CKT	207	(P)PWR	+5					I	DB3			242	209	I	DB3			242	
1B01PBOP	I	1PB1P	040	TO CONN CKT	207	(V)PWR	+5B					I	DB4			243	209	I	DB4			243	
1B014MCN	I	14MCN	143	TO CONN CKT	207	(U)PWR	+5A					I	DB5			245	209	I	DB5			245	
1B014MCP	I	14MCP	043	TO CONN CKT	207	(T)PWR	+5A					I	DB6			248	209	I	DB6			248	
1B018KSN	I	18KSN	142	TO CONN CKT	207	(S)PWR	+5A					I	DB7			249	209	I	DB7			249	
1B018KSP	I	18KSP	042	TO CONN CKT	207	(Q)PWR	+5					I	ENZTABN			255	209	I	ENZTABN			255	
1C01N	I	1CN	054	TO CONN CKT		TP	053					GRD	GRD			020	209	GRD	GRD			120	
1C01P	I	1CP	154	TO CONN CKT		TP	053					GRD	GRD			120	209	PWR	-48IN			000	1/1
11D01N	0	11DN	056	TO CONN CKT		I	PROMCEN		034		209	PWR	-48IN			100	1/1	PWR	-48IN			200	1/1
11D01P	0	11DP	156	TO CONN CKT		I	VDD		107		209	PWR	-48IN			200	1/1	I	VDD2			007	208
1NINT01N	0	1NINTN	052	TO CONN CKT		I	TXDATA		119		209	I	RESET			119	208	(U)I	VDD1			107	208
1NINT01P	0	1NINTP	152	TO CONN CKT		I	ADB4		120		208	I	ADB4			120	208	(S)I	VDD1			107	208
10D01N	I	10DN	055	TO CONN CKT		I	ADB5		121		208	I	ADB5			121	208	OT	PWRON			009	1/1
10D01P	I	10DP	155	TO CONN CKT		I	RXDATA		121		209	I	RXDATA			121	209	0	LO75			208	R,X
1S01N	I	1SN	053	TO CONN CKT		I	ADB6		122		208	I	ADB6			122	208	I	START			109	
1S01P	I	1SP	153	TO CONN CKT		I	ADB7		123		208	I	ADB7			123	208	0	LINCKLO			117	
1XN1PCM	0	1XNPCM	013	(T)TO EXPORT NETWORK CLOCK		I	PGMV		133		209	I	PGMV			133	209	I	START			109	
1XN1PCM	0	1XNPCM	105	(S)TO EXPORT NETWORK CLOCK		I	PRBUSN		134		209	I	PRBUSN			134	209	0	LINCKLO			117	
1XP1PCM	0	1XPPCM	005	(S)TO EXPORT NETWORK CLOCK		I	A0		209		209	I	A0			209	209	(U)0	TIST0			017	
1XP1PCM	0	1XPPCM	113	(T)TO EXPORT NETWORK CLOCK		I	A1		210		209	I	A1			210	209	(S)0	TIST0			017	
						I	MBTSEN		210		208	I	MBTSEN			210	208						
						I	A2		211		209	I	A2			211	209						
						I	A3		212		209	I	A3			212	209						
						I	ENALE		212		208	I	ENALE			212	208						
						I	ALE		213		208	I	ALE			213	208						
						I	A4		213		209	I	A4			213	209						
						I	A5		214		209	I	A5			214	209						
						I	1CE1		214		208	I	1CE1			214	208						
						I	A6		216		209	I	A6			216	209						
						I	A7		217		209	I	A7			217	209						
						I	A8		219		209	I	A8			219	209						

PART OF FS 1
SYMBOL(S) 2 3

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DWG SIZE
C2

ISSUE
4B

AT&T SD-5X204-01 B1CB

PART OF FS 1
DIGITAL FACILITY INTERFACE-EXPORT

SYMBOL NO. 3 (CONT) DIGITAL FACILITY INTERFACE EXPORT						SYMBOL NO. 3 (CONT) DIGITAL FACILITY INTERFACE EXPORT						SYMBOL NO. 4 (CONT) DIGITAL FACILITY INTERFACE EXPORT						SYMBOL NO. 4 (CONT) DIGITAL FACILITY INTERFACE EXPORT					
DESIG	EOPT LOC	CODE	ELEM IDENT	OPT		DESIG	EOPT LOC	CODE	ELEM IDENT	OPT		DESIG	EOPT LOC	CODE	ELEM IDENT	OPT		DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	
DF1E02	04-029	MCSX401	A	(V)3		DF1E02	04-029	MCSX401	A	(V)3		DF1E03	04-039	MCSX401	A	(V)3		DF1E03	04-039	MCSX401	A	(V)3	
DF1E02	04-029	MCSX402	A	(U)4		DF1E02	04-029	MCSX402	A	(U)4		DF1E03	04-039	MCSX402	A	(U)4		DF1E03	04-039	MCSX402	A	(U)4	
DF1E02	04-029	MCSX403	A	(T)5		DF1E02	04-029	MCSX403	A	(T)5		DF1E03	04-039	MCSX403	A	(T)5		DF1E03	04-039	MCSX403	A	(T)5	
DF1E02	04-029	MCSX404	A	(S)6		DF1E02	04-029	MCSX404	A	(S)6		DF1E03	04-039	MCSX404	A	(S)6		DF1E03	04-039	MCSX404	A	(S)6	
DF1E02	04-029	MCSX401A1B	A	(Q)7		DF1E02	04-029	MCSX401A1B	A	(Q)7		DF1E03	04-039	MCSX401A1B	A	(Q)7		DF1E03	04-039	MCSX401A1B	A	(Q)7	
DF1E02	04-029	MCSX000A1	A	(P)8		DF1E02	04-029	MCSX000A1	A	(P)8		DF1E03	04-039	MCSX000A1	A	(P)8		DF1E03	04-039	MCSX000A1	A	(P)8	
DF1E02	04-029	MCSX402A1B	A	(L)9		DF1E02	04-029	MCSX402A1B	A	(L)9		DF1E03	04-039	MCSX402A1B	A	(L)9		DF1E03	04-039	MCSX402A1B	A	(L)9	
DF1E02	04-029	MCSX403A1B	A	(M)10		DF1E02	04-029	MCSX403A1B	A	(M)10		DF1E03	04-039	MCSX403A1B	A	(M)10		DF1E03	04-039	MCSX403A1B	A	(M)10	
DF1E02	04-029	MCSX404A1B	A	(N)11		DF1E02	04-029	MCSX404A1B	A	(N)11		DF1E03	04-039	MCSX404A1B	A	(N)11		DF1E03	04-039	MCSX404A1B	A	(N)11	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0B02PBIN	0	0PBIN	137		INTERFACE UNIT	207
0B02PBIP	0	0PBIP	037		TO CONN CKT	207
0B02PBRN	1	0PBRN	136		TO CONN CKT	207
0B02PBOP	1	0PBOP	036		TO CONN CKT	207
0B024MCN	1	04MCN	139		TO CONN CKT	207
0B024MCP	1	04MCP	039		TO CONN CKT	207
0B028KSN	1	08KSN	138		TO CONN CKT	207
0B028KSP	1	08KSP	038		TO CONN CKT	207
0C02N	1	0CN	048		TO CONN CKT	209
0C02P	1	0CP	148		TO CONN CKT	209
01D02N	0	01DN	050		TO CONN CKT	207
01D02P	0	01DP	150		TO CONN CKT	207
0N1NTO2N	0	0N1NTN	046		TO CONN CKT	207
0N1NTO2P	0	0N1NTP	146		TO CONN CKT	207
00D02N	1	00DN	049		TO CONN CKT	207
00D02P	1	00DP	149		TO CONN CKT	207
0502N	1	05N	047		TO CONN CKT	207
0502P	1	05P	147		TO CONN CKT	207
0XN2PCM	0	0XNPCM	011	(S)	(S) TO EXPORT NETWORK CLOCK	208
	0	0XNPCM	016	(T)	(T) TO EXPORT NETWORK CLOCK	208
0XP2PCM	0	0XPPCM	110	(S)	(S) TO EXPORT NETWORK CLOCK	209
	0	0XPPCM	116	(T)	(T) TO EXPORT NETWORK CLOCK	209
1A2L INCL	(U)0	L INCLK1	114		(U) TO ERSM FACILITY INTERFACE UNIT	208
	(S)0	L INCLK1				
1A2T1ST	(U)0	T1ST1	014		(U) TO ERSM FACILITY INTERFACE UNIT	208
	(S)0	T1ST1				
1B02PBIN	0	1PBIN	141		TO CONN CKT	207
1B02PBIP	0	1PBIP	041		TO CONN CKT	207
1B02PBRN	1	1PBRN	140		TO CONN CKT	207
1B02PBOP	1	1PBOP	040		TO CONN CKT	207
1B024MCN	1	14MCN	143		TO CONN CKT	207
1B024MCP	1	14MCP	043		TO CONN CKT	207
1B028KSN	1	18KSN	142		TO CONN CKT	207
1B028KSP	1	18KSP	042		TO CONN CKT	207
1C02N	1	1CN	054		TO CONN CKT	209
1C02P	1	1CP	154		TO CONN CKT	209
11D02N	0	11DN	056		TO CONN CKT	207
11D02P	0	11DP	156		TO CONN CKT	207
1N1NTO2N	0	1N1NTN	052		TO CONN CKT	207
1N1NTO2P	0	1N1NTP	152		TO CONN CKT	207
10D02N	1	10DN	055		TO CONN CKT	207
10D02P	1	10DP	155		TO CONN CKT	207
1S02N	1	1SN	053		TO CONN CKT	207
1S02P	1	1SP	153		TO CONN CKT	207
1XN2PCM	0	1XNPCM	013	(T)	(T) TO EXPORT NETWORK CLOCK	208
	0	1XNPCM	105	(S)	(S) TO EXPORT NETWORK CLOCK	208

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1XP2PCM	0	1XPPCM	005	(S)	(S) TO EXPORT NETWORK CLOCK	209
	0	1XPPCM	113	(T)	(T) TO EXPORT NETWORK CLOCK	209

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
I		PROMCEN	034			209
I		VDD	107			209
I		TXDATA	119			209
I		RESET	119			208
I		ADB4	120			208
I		ADB5	121			208
I		RXDATA	121			209
I		ADB6	122			208
I		ADB7	123			208
I		PGMN	133			209
I		PRBUSN	134			209
I		A0	209			209
I		A1	210			209
I		MBTSEN	210			208
I		A2	211			209
I		A3	212			209
I		ENALE	212			208
I		ALE	213			208
I		A4	213			209
I		A5	214			209
I		1CE1	214			208
I		A6	216			209
I		A7	217			209
I		A8	219			209
I		A9	220			209
I		ADB0	220			208
I		ADB1	221			208
I		A10	221			209
I		A11	222			209
I		ADB2	222			208
I		ADB3	223			208
I		A12	223			209
I		ERD	233			208
I		BUSEN	233			209
I		DBDIR	234			209
I		BUSEN	235			208
I		A13	235			209
I		A14	236			209
I		2CE2	236			208
I		2CE1	237			208
I		A15	237			209
I		A16	238			209
I		1CE2	238			208
I		DB0	239			209
I		DB1	240			209
I		DB2	241			209
I		DB3	242			209
I		DB4	243			209
I		DB5	245			209
I		DB6	248			209
I		DB7	249			209
I		EN2TABN	255			209
GRD		GRD	020			209
GRD		GRD	120			209

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	(V)PWR	+5A	106			
	(U)PWR	+5B				
	(T)PWR	+5A				
	(S)PWR	+5B				
	(Q)PWR	+5				
	(P)PWR	+5				
	(V)PWR	+5B	205			
	(U)PWR	+5A				
	(T)PWR	+5B				
	(S)PWR	+5A				
	(Q)PWR	+5				
	(P)PWR	+5				
	(V)PWR	+5A	206			
	(U)PWR	+5A				
	(T)PWR	+5A				
	(S)PWR	+5A				
	(Q)PWR	+5				
	(P)PWR	+5				
	0	CLK2048	010			208
	0	CRCEERR	019			208
	0	A8	020			208
	0	A9	021			208
	0	A10	022			208
	0	A11	023			208
	0	PCM20	034			208
	0	XSYNC	111			208
	0	TSTALE	133			208
	0	PCM10	134			208
	I	VPP	007			209
	I	TXCLK	019			209
	I	RXCLK	021			209
	I	PROMOEN	033			209
	I	TP	033			208

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
-48VB	PWR	-48IN	000		1/1	
	PWR	-48IN	100		1/1	
	PWR	-48IN	200		1/1	
-48VBRTN	PWR	-48RTN	001		1/1	
	PWR	-48RTN	101		1/1	
	PWR	-48RTN	201		1/1	
GRD04039	I	LIRST	018			(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU 208
	GRD		015			(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	051			
	GRD		115			(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU
	GRD	GRD	118			(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	215			(U) TO ERSM FACILITY INTERFACE UNIT
	GRD	GRD	218			
	GRD	GRD	244			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
	GRD	GRD	256			
LIN03	I	LIN	032	R,W,X		(Y,Z) TO 2048 KBIT/S EQUIPMENT OR (R,W,X) TO CONN CKT
LIP03	I	LIP	232	R,X		(Y,Z) TO 2048 KBIT/S EQUIPMENT (R,W,X) TO CONN CKT
	I	LIP	132			
LON03	OT	LON	024	Y,Z		(Y,Z) 1/4

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DIGITAL LINE TRUNK UNIT - EXPORT

AT&T SD-5X204-01 B1CC

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PART OF FS 1
DIGITAL FACILITY INTERFACE-EXPORT

SYMBOL NO. 4 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 4 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 5 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 5 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE03	04-039	MCSX401	A	(V)3
DFIE03	04-039	MCSX402	A	(U)4
DFIE03	04-039	MCSX403	A	(T)5
DFIE03	04-039	MCSX404	A	(S)6
DFIE03	04-039	MCSX401A1B	A	(Q)7
DFIE03	04-039	MCSX000A1	A	(P)8
DFIE03	04-039	MCSX402A1B	A	(L)9
DFIE03	04-039	MCSX403A1B	A	(M)10
DFIE03	04-039	MCSX404A1B	A	(N)11

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE03	04-039	MCSX401	A	(V)3
DFIE03	04-039	MCSX402	A	(U)4
DFIE03	04-039	MCSX403	A	(T)5
DFIE03	04-039	MCSX404	A	(S)6
DFIE03	04-039	MCSX401A1B	A	(Q)7
DFIE03	04-039	MCSX000A1	A	(P)8
DFIE03	04-039	MCSX402A1B	A	(L)9
DFIE03	04-039	MCSX403A1B	A	(M)10
DFIE03	04-039	MCSX404A1B	A	(N)11

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE04	04-049	MCSX401	A	(V)3
DFIE04	04-049	MCSX402	A	(U)4
DFIE04	04-049	MCSX403	A	(T)5
DFIE04	04-049	MCSX404	A	(S)6
DFIE04	04-049	MCSX401A1B	A	(Q)7
DFIE04	04-049	MCSX000A1	A	(P)8
DFIE04	04-049	MCSX402A1B	A	(L)9
DFIE04	04-049	MCSX403A1B	A	(M)10
DFIE04	04-049	MCSX404A1B	A	(N)11

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE04	04-049	MCSX401	A	(V)3
DFIE04	04-049	MCSX402	A	(U)4
DFIE04	04-049	MCSX403	A	(T)5
DFIE04	04-049	MCSX404	A	(S)6
DFIE04	04-049	MCSX401A1B	A	(Q)7
DFIE04	04-049	MCSX000A1	A	(P)8
DFIE04	04-049	MCSX402A1B	A	(L)9
DFIE04	04-049	MCSX403A1B	A	(M)10
DFIE04	04-049	MCSX404A1B	A	(N)11

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
LOP03	OT	LON120	224	Y,Z	(Y,Z) TO 2048 KBIT/S EQUIPMENT	
LOP7503	0	LOP75	108		(Y,Z) TO 2048 KBIT/S EQUIPMENT	
NET35	(V)PWR +5B (U)PWR +5B (T)PWR +5B (S)PWR +5B (Q)PWR +5B (P)PWR +5B	VDD2	007		(R,W,X) TO CONN CKT	208
PWRB SHD003	(U)I (S)I	VDD1 VDD1 PWRON LONE	107 009 008	R,W,X	1/1 (W,X) TO CONN CKT	208
STARTB 0A3LINCL	1 0	START LINCLKO	109 117	R,X	(R,W,X) TO CONN CKT	
0A3T1ST	(U)O (S)O	T1ST0	017		(U,S) TO ERM FACILITY INTERFACE UNIT	
0B03PBIN 0B03PBIP	0 0	0PBIN 0PBIP	137 037		TO CONN CKT	207 207
0B03PBON 0B03PBOP 0B034MCN	1 1 1	0PBON 0PBOP 04MCN	136 036 139		TO CONN CKT	207 207 207
0B034MCP 0B038KSN 0B038KSP	1 1 1	04MCP 08KSN 08KSP	039 138 038		TO CONN CKT	207 207 207
0C03N 0C03P 01D03N	1 1 0	0CN 0CP 01DN	048 148 050		TO CONN CKT	
01D03P 0NINT03N 0NINT03P	0 0 0	01DP 0NINTN 0NINTP	150 046 146		TO CONN CKT	
00D03N 00D03P 0S03N	1 1 1	00DN 00DP 0SN	049 149 047		TO CONN CKT	
0S03P 0XN3PCM	1 0	0SP 0XNPCM	147 011	(S)	TO CONN CKT (S) TO EXPORT NETWORK CLOCK	
0XP3PCM	0	0XPPCM	110	(S)	(S) TO EXPORT NETWORK CLOCK	
1A3LINCL	(U)O (S)O	LINCLK1 LINCLK1	114	(T)	(T) TO EXPORT NETWORK CLOCK (U) TO ERM FACILITY INTERFACE UNIT	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1A3T1ST	(U)O (S)O	T1ST1	014		(U) TO ERM FACILITY INTERFACE UNIT	
1B03PBIN 1B03PBIP	0 0	1PBIN 1PBIP	141 041		TO CONN CKT	207 207
1B03PBON 1B03PBOP 1B034MCN	1 1 1	1PBON 1PBOP 14MCN	140 040 143		TO CONN CKT	207 207 207
1B034MCP 1B038KSN 1B038KSP	1 1 1	14MCP 18KSN 18KSP	043 142 042		TO CONN CKT	207 207 207
1C03N 1C03P 11D03N	1 1 0	1CN 1CP 11DN	054 154 056		TO CONN CKT	
11D03P 1NINT03N 1NINT03P	0 0 0	11DP 1NINTN 1NINTP	156 052 152		TO CONN CKT	
10D03N 10D03P 1S03N	1 1 1	10DN 10DP 1SN	055 155 053		TO CONN CKT	
1S03P 1XN3PCM	1 0	1SP 1XNPCM	153 013	(T)	TO CONN CKT (T) TO EXPORT NETWORK CLOCK	
1XP3PCM	0	1XPPCM	105	(S)	(S) TO EXPORT NETWORK CLOCK	
1XP3PCM	0	1XPPCM	005 113	(S) (T)	(S) TO EXPORT NETWORK CLOCK (T) TO EXPORT NETWORK CLOCK	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
(P)PWR +5 (V)PWR +5A (U)PWR +5A (T)PWR +5A (S)PWR +5A (Q)PWR +5 (P)PWR +5		CLK2048 CRCERR A8	010 019 020			208 208 208
0 0 0		A9 A10 A11	021 022 023			208 208 208
0 0 0		PCN20 XSYNC TSIALE	034 111 133			208 208 208
0 1 1		PCM10 VPP TXCLK	134 007 019			208 209 209
1 1 1		RXCLK PROMOEN TP	021 033 033			209 209 208
1 1 1		PROMCEN VDD TXDATA	034 107 119			209 209 209
1 1 1		RESET ADB4 ADB5	119 120 121			208 208 208
1 1 1		RXDATA ADB6 ADB7	121 122 123			209 208 208
1 1 1		PGMN PRBUSN A0	133 134 209			209 209 209
1 1 1		A1 MBTSEN A2	210 210 211			209 208 209
1 1 1		A3 ENALE ALE	212 212 213			209 208 208
1 1 1		A4 A5 1CE1	213 214 214			209 209 208
1 1 1		A6 A7 A8	216 217 219			209 209 209
1 1 1		A9 ADB0 ADB1	220 220 221			209 208 208
1 1 1		A10 A11 ADB2	221 222 222			209 209 208
1 1 1		ADB3 A12 BUSEN	223 223 233			208 209 209

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
I		ERD	233			208
I		DBDIR	234			208
I		BUSEN	235			208
I		A13	235			209
I		A14	236			209
I		2CE2	236			208
I		2CE1	237			208
I		A15	237			209
I		A16	238			209
I		1CE2	238			208
I		DB0	239			209
I		DB1	240			209
I		DB2	241			209
I		DB3	242			209
I		DB4	243			209
I		DB5	245			209
I		DB6	248			209
I		DB7	249			209
I		EN2TABN	255			209
GRD		GRD	020			209
GRD		GRD	120			209
-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	
GRD04049	I	1IRST	018		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	208
GRD		GRD	015		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
GRD	GRD	GRD	035			
GRD	GRD	GRD	044			
GRD	GRD	GRD	051			
GRD	GRD	GRD	115		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
GRD	GRD	GRD	118		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
GRD	GRD	GRD	135			
GRD	GRD	GRD	144			
GRD	GRD	GRD	151			
GRD	GRD	GRD	215			

SYMBOL NO. 5
DIGITAL FACILITY INTERFACE EXPORT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE04	04-049	MCSX401	A	(V)3
DFIE04	04-049	MCSX402	A	(U)4
DFIE04	04-049	MCSX403	A	(T)5
DFIE04	04-049	MCSX404	A	(S)6
DFIE04	04-049	MCSX401A1B	A	(Q)7
DFIE04	04-049	MCSX000A1	A	(P)8
DFIE04	04-049	MCSX402A1B	A	(L)9
DFIE04	04-049	MCSX403A1B	A	(M)10
DFIE04	04-049	MCSX404A1B	A	(N)11

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	(V)PWR +5A (U)PWR +5B (T)PWR +5A (S)PWR +5B (Q)PWR +5 (P)PWR +5 (V)PWR +5B (U)PWR +5A (T)PWR +5B (S)PWR +5A (Q)PWR +5		106			
						205

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DIGITAL LINE TRUNK UNIT - EXPORT

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DIGITAL FACILITY INTERFACE-EXPORT

SYMBOL NO. 5 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 5 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 6
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 6 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE04	04-049	MC5X401	A	(V)3
DFIE04	04-049	MC5X402	A	(U)4
DFIE04	04-049	MC5X403	A	(T)5
DFIE04	04-049	MC5X404	A	(S)6
DFIE04	04-049	MC5X401A1B	A	(Q)7
DFIE04	04-049	MC5X000A1	A	(P)8
DFIE04	04-049	MC5X402A1B	A	(L)9
DFIE04	04-049	MC5X403A1B	A	(M)10
DFIE04	04-049	MC5X404A1B	A	(N)11

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE04	04-049	MC5X401	A	(V)3
DFIE04	04-049	MC5X402	A	(U)4
DFIE04	04-049	MC5X403	A	(T)5
DFIE04	04-049	MC5X404	A	(S)6
DFIE04	04-049	MC5X401A1B	A	(Q)7
DFIE04	04-049	MC5X000A1	A	(P)8
DFIE04	04-049	MC5X402A1B	A	(L)9
DFIE04	04-049	MC5X403A1B	A	(M)10
DFIE04	04-049	MC5X404A1B	A	(N)11

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE05	04-059	MC5X401	A	(V)3
DFIE05	04-059	MC5X402	A	(U)4
DFIE05	04-059	MC5X401A1B	A	(Q)7
DFIE05	04-059	MC5X000A1	A	(P)8
DFIE05	04-059	MC5X402A1B	A	(L)9

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE05	04-059	MC5X401	A	(V)3
DFIE05	04-059	MC5X402	A	(U)4
DFIE05	04-059	MC5X401A1B	A	(Q)7
DFIE05	04-059	MC5X000A1	A	(P)8
DFIE05	04-059	MC5X402A1B	A	(L)9

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	218			
	GRD	GRD	244			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253		(U) TO ERS FACILITY INTERFACE UNIT	
LIN04	GRD	GRD	256			
	I	LIN	032	R,W,X	(Y,Z) TO 2048 KBIT/S EQUIPMENT OR (R,W,X) TO CONN CKT	
LIP04	I	LIP	132	R,X	(Y,Z) TO 2048 KBIT/S EQUIPMENT (R,W,X) TO CONN CKT	
LIP7504	I	LIP	132			
LON04	OT	LON	024	Y,Z	(Y,Z)1/5 (Y,Z) TO 2048 KBIT/S EQUIPMENT (Y,Z)1/5 TO 2048 KBIT/S EQUIPMENT	
LOP04	OT	LOP	124	Y,Z		
LOP7504	0	LOP	108		(R,W,X) TO CONN CKT	
NET31	(V)PWR	+5B	207			
	(U)PWR	+5B				
	(T)PWR	+5B				
	(S)PWR	+5B				
	(Q)PWR	+5B				
	(P)PWR	+5B				
	I	VDD2	007			208
	(U)I	VDD1	107			208
	(S)I	VDD1				
PWRA	OT	PWRON	009		1/1	
SHD004	0	LOWN	008	R,W,X		
	0	LOWN	208	R,X	(R,W,X) TO CONN CKT	
STARTA	I	START	109		1/1	
OA4LINCL	0	LINCLKO	117		(U,S) TO ERS FACILITY INTERFACE UNIT	
OA4TIST	(U)O	TISTO	017		(U,S) TO ERS FACILITY INTERFACE UNIT	
	(S)O	TISTO				
OB04PBIN	0	OBPIN	137		TO CONN CKT	207
OB04PBIP	0	OBPIP	037		TO CONN CKT	207
OB04PBON	I	OBPON	136		TO CONN CKT	207
OB04PBOP	I	OBPOP	036		TO CONN CKT	207
OB044MCN	I	04MCN	139		TO CONN CKT	207
OB044MCP	I	04MCP	039		TO CONN CKT	207
OB048KSN	I	08KSN	138		TO CONN CKT	207
OB048KSP	I	08KSP	038		TO CONN CKT	207

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
OC04N	I	OCN	048		TO CONN CKT	
OC04P	I	OCN	148		TO CONN CKT	
01D04N	0	01DN	050		TO CONN CKT	
01D04P	0	01DP	150		TO CONN CKT	
0NINT04N	0	0NINTN	046		TO CONN CKT	
0NINT04P	0	0NINTP	146		TO CONN CKT	
0OD04N	I	0ODN	049		TO CONN CKT	
0OD04P	I	0ODP	149		TO CONN CKT	
0S04N	I	0SN	047		TO CONN CKT	
0S04P	I	0SP	147		TO CONN CKT	
0XN4PCM	0	0XNPCM	011	(S)	(S) TO EXPORT NETWORK CLOCK	
	0	0XNPCM	016	(T)	(T) TO EXPORT NETWORK CLOCK	
0XP4PCM	0	0XPPCM	110	(S)	(S) TO EXPORT NETWORK CLOCK	
	0	0XPPCM	116	(T)	(T) TO EXPORT NETWORK CLOCK	
1A4LINCL	(U)O	LINCLK1	114		(U) TO ERS FACILITY INTERFACE UNIT	
	(S)O	LINCLK1				
1A4TIST	(U)O	TIST1	014		(U) TO ERS FACILITY INTERFACE UNIT	
	(S)O	TIST1				
1B04PBIN	0	1PBIN	141		TO CONN CKT	207
1B04PBIP	0	1PBIP	041		TO CONN CKT	207
1B04PBON	I	1PBON	140		TO CONN CKT	207
1B04PBOP	I	1PBOP	040		TO CONN CKT	207
1B044MCN	I	14MCN	143		TO CONN CKT	207
1B044MCP	I	14MCP	043		TO CONN CKT	207
1B048KSN	I	18KSN	142		TO CONN CKT	207
1B048KSP	I	18KSP	042		TO CONN CKT	207
1C04N	I	1CN	054		TO CONN CKT	
1C04P	I	1CP	154		TO CONN CKT	
11D04N	0	11DN	056		TO CONN CKT	
11D04P	0	11DP	156		TO CONN CKT	
1NINT04N	0	1NINTN	052		TO CONN CKT	
1NINT04P	0	1NINTP	152		TO CONN CKT	
1OD04N	I	1ODN	055		TO CONN CKT	
1OD04P	I	1ODP	155		TO CONN CKT	
1S04N	I	1SN	053		TO CONN CKT	
1S04P	I	1SP	153		TO CONN CKT	
1XN4PCM	0	1XNPCM	013	(T)	(T) TO EXPORT NETWORK CLOCK	
	0	1XNPCM	105	(S)	(S) TO EXPORT NETWORK CLOCK	
1XP4PCM	0	1XPPCM	005	(S)	(S) TO EXPORT NETWORK CLOCK	
	0	1XPPCM	113	(T)	(T) TO EXPORT NETWORK CLOCK	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	(V)PWR	+5A	106			
	(U)PWR	+5B				
	(Q)PWR	+5				
	(P)PWR	+5				
	(V)PWR	+5B	205			
	(U)PWR	+5A				
	(Q)PWR	+5				
	(P)PWR	+5				
	(V)PWR	+5A	206			
	(U)PWR	+5A				
	(Q)PWR	+5				
	(P)PWR	+5				
	0	CLK2048	010			208
	0	CRCERR	019			208
	0	A8	020			208
	0	A9	021			208
	0	A10	022			208
	0	A11	023			208
	0	PCM20	034			208
	0	XSYNC	111			208
	0	TSTALE	133			208
	0	PCM10	134			208
	I	VPP	007			209
	I	TXCLK	019			209
	I	RXCLK	021			209
	I	PROMOEN	033			209
	I	TP	033			208
	I	PROMCEN	034			209
	I	VDD	107			209
	I	TXDATA	119			209
	I	RESET	119			208
	I	ADB4	120			208
	I	ADB5	121			208
	I	RXDATA	121			209
	I	ADB6	122			208
	I	ADB7	123			208
	I	PGMN	133			209
	I	PRBUSN	134			209
	I	A0	209			209
	I	A1	210			209
	I	MBTSEN	210			208
	I	A2	211			209
	I	A3	212			209
	I	ENALE	212			208
	I	ALE	213			208
	I	A4	213			209
	I	A5	214			209
	I	1CE1	214			208
	I	A6	216			209
	I	A7	217			209
	I	A8	219			209
	I	A9	220			209
	I	ADB0	220			208
	I	ADB1	221			208
	I	A10	221			209
	I	A11	222			209
	I	ADB2	222			208
	I	ADB3	223			208
	I	A12	223			209
	I	ERD	233			208

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	BUSEN	233			209
	I	DBDIR	234			209
	I	DBDIR	235			208
	I	A13	235			209
	I	A14	236			209
	I	ZCE2	236			208
	I	ZCE1	237			208
	I	A15	237			209
	I	A16	238			209
	I	1CE2	238			208
	I	DB0	239			209
	I	DB1	240			209
	I	DB2	241			209
	I	DB3	242			209
	I	DB4	243			209
	I	DB5	245			209
	I	DB6	248			209
	I	DB7	249			209
	I	ENZTABN	255			209
	GRD	GRD	020			209
	GRD	GRD	120			209
-48VB	PWR	-48IN	000			1/1
	PWR	-48IN	100			1/1
	PWR	-48IN	200			1/1
-48VBRTN	PWR	-48RTN	001			1/1
	PWR	-48RTN	101			1/1
	PWR	-48RTN	201			1/1
GRD04059	I	LIRST	018			(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU
	GRD		015			(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	051			
	GRD	GRD	115			(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU
	GRD	GRD	118			(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	215			
	GRD	GRD	218			
	GRD	GRD	244			
	GRD	GRD	246			

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SYMBOL(S) 5 6

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DIGITAL LINE TRUNK UNIT - EXPORT	DWG SIZE CZ	ISSUE 4B
AT&T	SD-5X204-01	B1CE

PART OF FS 1
DIGITAL FACILITY INTERFACE-EXPORT

SYMBOL NO. 7 (CONT) DIGITAL FACILITY INTERFACE EXPORT						SYMBOL NO. 7 (CONT) DIGITAL FACILITY INTERFACE EXPORT						SYMBOL NO. 8 (CONT) DIGITAL FACILITY INTERFACE EXPORT						SYMBOL NO. 8 (CONT) DIGITAL FACILITY INTERFACE EXPORT					
DESIG	EOPT LOC	CODE	ELEM IDENT	OPT		DESIG	EOPT LOC	CODE	ELEM IDENT	OPT		DESIG	EOPT LOC	CODE	ELEM IDENT	OPT		DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	
DFIE06	04-069	MCSX401	A	(V)3		DFIE06	04-069	MCSX401	A	(V)3		DFIE07	04-079	MCSX401	A	(V)3		DFIE07	04-079	MCSX401	A	(V)3	
DFIE06	04-069	MCSX402	A	(U)4		DFIE06	04-069	MCSX402	A	(U)4		DFIE07	04-079	MCSX402	A	(U)4		DFIE07	04-079	MCSX402	A	(U)4	
DFIE06	04-069	MCSX401A1B	A	(Q)7		DFIE06	04-069	MCSX401A1B	A	(Q)7		DFIE07	04-079	MCSX401A1B	A	(Q)7		DFIE07	04-079	MCSX401A1B	A	(Q)7	
DFIE06	04-069	MCSX000A1	A	(P)8		DFIE06	04-069	MCSX000A1	A	(P)8		DFIE07	04-079	MCSX000A1	A	(P)8		DFIE07	04-079	MCSX000A1	A	(P)8	
DFIE06	04-069	MCSX402A1B	A	(L)9		DFIE06	04-069	MCSX402A1B	A	(L)9		DFIE07	04-079	MCSX402A1B	A	(L)9		DFIE07	04-079	MCSX402A1B	A	(L)9	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
LIP7506	I	LIP	132		(R,W,X)TO CONN CKT	
LON06	OT	LON	024	Y,Z	(Y,Z)1/7 (Y,Z)TO 2048 KBIT/S EQUIPMENT	
LOP06	OT	LON120	224	Y,Z	(Y,Z)1/7 (Y,Z)TO 2048 KBIT/S EQUIPMENT	
LOP7506	O	LOP75	108		(R,W,X)TO CONN CKT	
NET26	(V)PWR (U)PWR (Q)PWR (P)PWR I	+5B +5B +5B +5B VDD2	207			208
PWRA SHD006	(U)I OT O	VDD1 PWRON LONE	107 009 008		1/1 (W,X)TO CONN CKT	208
STARTA 0A6LINCL	I O	LON75 START LINCKO	208 109 117	R,X	(R,W,X)TO CONN CKT 1/1 (U,S)TO ERSM FACILITY INTERFACE UNIT	
0A6T1ST	(T)O	T1ST0	017		(U,S)TO ERSM FACILITY INTERFACE UNIT	
0B06PBIN	O	0PBIN	137		TO CONN CKT	207
0B06PBIP	O	0PBIP	037		TO CONN CKT	207
0B06PBON	I	0PBON	136		TO CONN CKT	207
0B06PBOP	I	0PBOP	036		TO CONN CKT	207
0B064MCN	I	04MCN	139		TO CONN CKT	207
0B064MCP	I	04MCP	039		TO CONN CKT	207
0B068KSN	I	08KSN	138		TO CONN CKT	207
0B068KSP	I	08KSP	038		TO CONN CKT	207
0C06N	I	0CN	048		TO CONN CKT	
0C06P	I	0CP	148		TO CONN CKT	
0D06N	O	0DN	050		TO CONN CKT	
0D06P	O	0DP	150		TO CONN CKT	
0N1NT06N	O	0N1NTN	046		TO CONN CKT	
0N1NT06P	O	0N1NTP	146		TO CONN CKT	
0OD06N	I	0ODN	049		TO CONN CKT	
0OD06P	I	0ODP	149		TO CONN CKT	
0S06N	I	0SN	047		TO CONN CKT	
0S06P	I	0SP	147		TO CONN CKT	
1A6LINCL	(U)O	LINCLK1	114		(U)TO ERSM FACILITY INTERFACE UNIT	
1A6T1ST	(T)O	T1ST1	014		(U)TO ERSM FACILITY INTERFACE UNIT	
1B06PBIN	O	1PBIN	141		TO CONN CKT	207
1B06PBIP	O	1PBIP	041		TO CONN CKT	207
1B06PBON	I	1PBON	140		TO CONN CKT	207
1B06PBOP	I	1PBOP	040		TO CONN CKT	207
1B064MCN	I	14MCN	143		TO CONN CKT	207
1B064MCP	I	14MCP	043		TO CONN CKT	207

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1B068KSN	I	18KSN	142		TO CONN CKT	207
1B068KSP	I	18KSP	042		TO CONN CKT	207
1C06N	I	1CN	054		TO CONN CKT	
1C06P	I	1CP	154		TO CONN CKT	
1D06N	O	1DN	056		TO CONN CKT	
1D06P	O	1DP	156		TO CONN CKT	
1N1NT06N	O	1N1NTN	052		TO CONN CKT	
1N1NT06P	O	1N1NTP	152		TO CONN CKT	
1OD06N	I	1ODN	055		TO CONN CKT	
1OD06P	I	1ODP	155		TO CONN CKT	
1S06N	I	1SN	053		TO CONN CKT	
1S06P	I	1SP	153		TO CONN CKT	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	
DFIE07	04-079	MCSX401	A	(V)3	
DFIE07	04-079	MCSX402	A	(U)4	
DFIE07	04-079	MCSX401A1B	A	(Q)7	
DFIE07	04-079	MCSX000A1	A	(P)8	
DFIE07	04-079	MCSX402A1B	A	(L)9	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	(V)PWR (U)PWR (Q)PWR (P)PWR I	+5A +5B +5 +5	106			
	(V)PWR (U)PWR (Q)PWR (P)PWR I	+5B +5A +5 +5	205			
	(V)PWR (U)PWR (Q)PWR (P)PWR I	+5A +5A +5 +5	206			
	(V)PWR (U)PWR (Q)PWR (P)PWR I	+5A +5A +5 +5	206			
	O	CLK2048	010			208
	O	CRERR	019			208
	O	A8	020			208
	O	A9	021			208
	O	A10	022			208
	O	A11	023			208
	O	PCM20	034			208
	O	XSYNC	111			208
	O	TSTALE	133			208
	I	PCM10	134			208
	I	VPP	007			209
	I	TXCLK	019			209
	I	RXCLK	021			209
	I	PROMOE	033			209
	I	TP	033			208
	I	PROMCEN	034			209
	I	VDD	107			209
	I	TXDATA	119			209

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
I	RESET		119			208
I	ADB4		120			208
I	ADB5		121			208
I	RXDATA		121			209
I	ADB6		122			208
I	ADB7		123			208
I	PGMN		133			209
I	PRBUSN		134			209
I	A0		209			209
I	A1		210			209
I	MBTSEN		210			208
I	A2		211			209
I	A3		212			209
I	ENALE		212			208
I	ALE		213			208
I	A4		213			209
I	A5		214			209
I	1CE1		214			208
I	A6		216			209
I	A7		217			209
I	A8		219			209
I	A9		220			209
I	ADB0		220			208
I	ADB1		221			208
I	A10		221			209
I	A11		222			209
I	ADB2		222			208
I	ADB3		223			208
I	A12		223			209
I	BUSEN		233			209
I	ERD		233			208
I	DBDIR		234			208
I	BUSEN		235			208
I	A13		235			209
I	A14		236			209
I	2CE2		236			208
I	2CE1		237			208
I	A15		237			209
I	A16		238			209
I	1CE2		238			208
I	DB0		239			209
I	DB1		240			209
I	DB2		241			209
I	DB3		242			209
I	DB4		243			209
I	DB5		245			209
I	DB6		248			209
I	DB7		249			209
I	EN2TABN		255			209
GRD	GRD		020			209
GRD	GRD		120			209
-48VB	PWR	-48IN	000		1/1	
	PWR	-48IN	100		1/1	
	PWR	-48IN	200		1/1	
-48VBRTN	PWR	-48RTN	001		1/1	
	PWR	-48RTN	101		1/1	
	PWR	-48RTN	201		1/1	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRD04079	I	LIRST	018		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	208
	GRD		015		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	051			
	GRD	GRD	115		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	118		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	215			
	GRD	GRD	218			
	GRD	GRD	244			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253		(U)TO ERSM FACILITY INTERFACE UNIT	
LIN07	GRD	GRD	256			
	I	LIN	032	R,W,X	(Y,Z)TO 2048 KBIT/S EQUIPMENT OR (R,W,X) TO CONN CKT	
LIP07	I	LIP75	232	R,X	(Y,Z)TO 2048 KBIT/S EQUIPMENT (R,W,X)TO CONN CKT	
	I	LIP	132			
LIP7507	I	LIP	132		(Y,Z)1/8 (Y,Z)TO 2048 KBIT/S EQUIPMENT (R,W,X)TO CONN CKT	
LON07	OT	LON	024	Y,Z	(Y,Z)1/8 (Y,Z)TO 2048 KBIT/S EQUIPMENT	
	OT	LON120	224	Y,Z	(Y,Z)1/8 (Y,Z)TO 2048 KBIT/S EQUIPMENT	
LOP07	O	LOP120	124		(Y,Z)TO 2048 KBIT/S EQUIPMENT	
LOP7507	O	LOP75	108		(R,W,X)TO CONN CKT	
NET27	(V)PWR (U)PWR	+5B +5B	207			

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SYMBOL(S) 7 & 8

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DIGITAL LINE TRUNK UNIT - EXPORT

AT&T SD-5X204-01 B1CG

LWG SIZE 4B

ISSUE 4B

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PART OF FS 1
DIGITAL FACILITY INTERFACE-EXPORT

SYMBOL NO. 8 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 9
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 9 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 9 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DFIE07	04-079	MCSX401	A	(V)3
DFIE07	04-079	MCSX402	A	(U)4
DFIE07	04-079	MCSX401A1B	A	(Q)7
DFIE07	04-079	MCSX000A1	A	(P)8
DFIE07	04-079	MCSX402A1B	A	(L)9

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DFIE08	04-089	MCSX401	A	(V)3
DFIE08	04-089	MCSX402	A	(U)4
DFIE08	04-089	MCSX401A1B	A	(Q)7
DFIE08	04-089	MCSX000A1	A	(P)8
DFIE08	04-089	MCSX402A1B	A	(L)9

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DFIE08	04-089	MCSX401	A	(V)3
DFIE08	04-089	MCSX402	A	(U)4
DFIE08	04-089	MCSX401A1B	A	(Q)7
DFIE08	04-089	MCSX000A1	A	(P)8
DFIE08	04-089	MCSX402A1B	A	(L)9

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DFIE08	04-089	MCSX401	A	(V)3
DFIE08	04-089	MCSX402	A	(U)4
DFIE08	04-089	MCSX401A1B	A	(Q)7
DFIE08	04-089	MCSX000A1	A	(P)8
DFIE08	04-089	MCSX402A1B	A	(L)9

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	(Q)PWR	+5B			
	(P)PWR	+5B			
	I	VDD2	007		208
	(U)I	VDD1	107		208
PWRB SHD007	OT	PWRON	009	R,W,X	
	O	LONE	008		
	O	LON75	208	R,X	(R,W,X)TO CONN CKT
STARTB	I	START	109		
0A7LINCL	O	LINCLKO	117		1/1 (U,S)TO ERSM FACILITY INTERFACE UNIT
0A7T1ST	(T)O	T1STO	017		(U,S)TO ERSM FACILITY INTERFACE UNIT
0B07PB1N	O	0PB1N	137		TO CONN CKT
0B07PB1P	O	0PB1P	037		TO CONN CKT
0B07PBON	I	0PBON	136		TO CONN CKT
0B07PBOP	I	0PBOP	036		TO CONN CKT
0B074MCN	I	04MCN	139		TO CONN CKT
0B074MCP	I	04MCP	039		TO CONN CKT
0B078KSN	I	08KSN	138		TO CONN CKT
0B078KSP	I	08KSP	038		TO CONN CKT
0C07N	I	0CN	048		TO CONN CKT
0C07P	I	0CP	148		TO CONN CKT
01D07N	O	01DN	050		TO CONN CKT
01D07P	O	01DP	150		TO CONN CKT
0NINT07N	O	0NINTN	046		TO CONN CKT
0NINT07P	O	0NINTP	146		TO CONN CKT
00D07N	I	00DN	049		TO CONN CKT
00D07P	I	00DP	149		TO CONN CKT
0S07N	I	0SN	047		TO CONN CKT
0S07P	I	0SP	147		TO CONN CKT
1A7LINCL	(U)O	LINCLK1	114		(U)TO ERSM FACILITY INTERFACE UNIT
1A7T1ST	(T)O	T1ST1	014		(U)TO ERSM FACILITY INTERFACE UNIT
1B07PB1N	O	1PB1N	141		TO CONN CKT
1B07PB1P	O	1PB1P	041		TO CONN CKT
1B07PBON	I	1PBON	140		TO CONN CKT
1B07PBOP	I	1PBOP	040		TO CONN CKT
1B074MCN	I	14MCN	143		TO CONN CKT
1B074MCP	I	14MCP	043		TO CONN CKT
1B078KSN	I	18KSN	142		TO CONN CKT
1B078KSP	I	18KSP	042		TO CONN CKT
1C07N	I	1CN	054		TO CONN CKT
1C07P	I	1CP	154		TO CONN CKT
11D07N	O	11DN	056		TO CONN CKT
11D07P	O	11DP	156		TO CONN CKT
1NINT07N	O	1NINTN	052		TO CONN CKT
1NINT07P	O	1NINTP	152		TO CONN CKT
10D07N	I	10DN	055		TO CONN CKT
10D07P	I	10DP	155		TO CONN CKT
1S07N	I	1SN	053		TO CONN CKT
1S07P	I	1SP	153		TO CONN CKT

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
NC	(V)PWR	+5A			
	(U)PWR	+5B			
	(Q)PWR	+5			
	(P)PWR	+5			
	(V)PWR	+5B	205		
	(U)PWR	+5A			
	(Q)PWR	+5			
	(P)PWR	+5			
	(V)PWR	+5A	206		
	(U)PWR	+5A			
	(Q)PWR	+5			
	(P)PWR	+5			
	O	CLK2048	010		208
	O	CRCERR	019		208
	O	A8	020		208
	O	A9	021		208
	O	A10	022		208
	O	A11	023		208
	O	PCM20	034		208
	O	XSYNCL	111		208
	O	TSTALE	133		208
	O	PCM10	134		208
	I	VPP	007		209
	I	TXCLK	019		209
	I	RXCLK	021		209
	I	PROMDEN	033		209
	I	TP	033		208
	I	PROMCEN	034		209
	I	VDD	107		209
	I	TXDATA	119		209
	I	RESET	119		208
	I	ADB4	120		208
	I	ADB5	121		208
	I	RXDATA	121		209
	I	ADB6	122		208
	I	ADB7	123		208
	I	PGMN	133		209
	I	PRBUSN	134		209
	I	A0	209		209
	I	A1	210		209
	I	MBTSEN	210		208
	I	A2	211		209
	I	A3	212		209
	I	ENALE	212		208
	I	ALE	213		208
	I	A4	213		209
	I	A5	214		209
	I	1CE1	214		208
	I	A6	216		209
	I	A7	217		209
	I	A8	219		209
	I	A9	220		209
	I	ADB0	220		208
	I	ADB1	221		208
	I	A10	221		209
	I	A11	222		209
	I	ADB2	222		208
	I	ADB3	223		208
	I	A12	223		209
	I	ERD	233		208

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	I	BUSEN	233		209
	I	DBDIR	234		208
	I	BUSEN	235		208
	I	A13	235		209
	I	A14	236		209
	I	2CE2	236		208
	I	2CE1	237		208
	I	A15	237		209
	I	A16	238		209
	I	1CE2	238		208
	I	DB0	239		209
	I	DB1	240		209
	I	DB2	241		209
	I	DB3	242		209
	I	DB4	243		209
	I	DB5	245		209
	I	DB6	248		209
	I	DB7	249		209
	I	EN2TABN	255		209
	I	GRD	020		209
	I	GRD	120		209
-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
GRD04089	I	L1RST	018		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU
	GRD		015		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU
	GRD	GRD	035		
	GRD	GRD	044		
	GRD	GRD	051		
	GRD	GRD	115		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU
	GRD	GRD	118		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU
	GRD	GRD	135		
	GRD	GRD	144		
	GRD	GRD	151		
	GRD	GRD	215		(U)TO ERSM FACILITY INTERFACE UNIT
	GRD	GRD	218		
	GRD	GRD	244		
	GRD	GRD	246		
	GRD	GRD	247		
	GRD	GRD	250		
	GRD	GRD	251		
	GRD	GRD	252		
	GRD	GRD	253		
	GRD	GRD	256		
LIN08	I	LIN	032		R,W,X (Y,Z)TO 2048 KBIT/S EQUIPMENT OR (R,W,X) TO CONN CKT

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
LIP08	I	L175	232	R,X	(Y,Z)TO 2048 KBIT/S EQUIPMENT (R,W,X)TO CONN CKT
LIP7508	I	LIP	132		
LON08	OT	LON	024	Y,Z	(Y,Z)1/9 (Y,Z)TO 2048 KBIT/S EQUIPMENT (Y,Z)1/9 (Y,Z)TO 2048 KBIT/S EQUIPMENT
LOP08	O	LON120	224	Y,Z	
	O	LOP120	124		
LOP7508	O	LOP75	108		(R,W,X)TO CONN CKT
NET22	(V)PWR	+5B	207		
	(U)PWR	+5B			
	(Q)PWR	+5B			
	(P)PWR	+5B			
	I	VDD2	007		208
PWRA SHD008	(U)I	VDD1	107		208
	OT	PWRON	009		
	O	LONE	008	R,W,X	1/1 (W,X)TO CONN CKT
	O	LON75	208	R,X	(R,W,X)TO CONN CKT
STARTA	I	START	109		1/1
0A8LINCL	O	LINCLKO	117		(U,S)TO ERSM FACILITY INTERFACE UNIT
0A8T1ST	(T)O	T1STO	017		(U,S)TO ERSM FACILITY INTERFACE UNIT
0B08PB1N	O	0PB1N	137		TO CONN CKT
0B08PB1P	O	0PB1P	037		TO CONN CKT
0B08PBON	I	0PBON	136		TO CONN CKT
0B08PBOP	I	0PBOP	036		TO CONN CKT
0B084MCN	I	04MCN	139		TO CONN CKT
0B084MCP	I	04MCP	039		TO CONN CKT
0B088KSN	I	08KSN	138		TO CONN CKT
0B088KSP	I	08KSP	038		TO CONN CKT
0C08N	I	0CN	048		TO CONN CKT
0C08P	I	0CP	148		TO CONN CKT
01D08N	O	01DN	050		TO CONN CKT
01D08P	O	01DP	150		TO CONN CKT
0NINT08N	O	0NINTN	046		TO CONN CKT
0NINT08P	O	0NINTP	146		TO CONN CKT
00D08N	I	00DN	049		TO CONN CKT
00D08P	I	00DP	149		TO CONN CKT
0S08N	I	0SN	047		TO CONN CKT

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DIGITAL LINE TRUNK UNIT - EXPORT	DWG SIZE C2
AT&T	ISSUE 4B
SD-5X204-01	B1CH

PART OF FS 1
DIGITAL FACILITY INTERFACE-EXPORT

SYMBOL NO. 9 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 10 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 10 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 10 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE08	04-089	MC5X401	A	(V)3
DFIE08	04-089	MC5X402	A	(U)4
DFIE08	04-089	MC5X401A1B	A	(Q)7
DFIE08	04-089	MC5X000A1	A	(P)8
DFIE08	04-089	MC5X402A1B	A	(L)9

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE09	04-099	MC5X401	A	(V)3
DFIE09	04-099	MC5X402	A	(U)4
DFIE09	04-099	MC5X401A1B	A	(Q)7
DFIE09	04-099	MC5X000A1	A	(P)8
DFIE09	04-099	MC5X402A1B	A	(L)9

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE09	04-099	MC5X401	A	(V)3
DFIE09	04-099	MC5X402	A	(U)4
DFIE09	04-099	MC5X401A1B	A	(Q)7
DFIE09	04-099	MC5X000A1	A	(P)8
DFIE09	04-099	MC5X402A1B	A	(L)9

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE09	04-099	MC5X401	A	(V)3
DFIE09	04-099	MC5X402	A	(U)4
DFIE09	04-099	MC5X401A1B	A	(Q)7
DFIE09	04-099	MC5X000A1	A	(P)8
DFIE09	04-099	MC5X402A1B	A	(L)9

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0S08P	I	OSP	147		TO CONN CKT	
1A8LINCL	(U)O	LINCLK1	114		(U)TO ERSM FACILITY INTERFACE UNIT	
1A8TIST	(T)O	TIST1	014		(U)TO ERSM FACILITY INTERFACE UNIT	
1B08PBIN	0	1PBIN	141		TO CONN CKT	207
1B08PBIP	0	1PBIP	041		TO CONN CKT	207
1B08PBON	I	1PBON	140		TO CONN CKT	207
1B08PBOP	I	1PBOP	040		TO CONN CKT	207
1B084MCN	I	14MCN	143		TO CONN CKT	207
1B084MCP	I	14MCP	043		TO CONN CKT	207
1B088KSN	I	18KSN	142		TO CONN CKT	207
1B088KSP	I	18KSP	042		TO CONN CKT	207
1C08N	I	1CN	054		TO CONN CKT	207
1C08P	I	1CP	154		TO CONN CKT	207
1D08N	0	1DN	056		TO CONN CKT	207
1D08P	0	1DP	156		TO CONN CKT	207
1NINT08N	0	1NINTN	052		TO CONN CKT	207
1NINT08P	0	1NINTP	152		TO CONN CKT	207
1O08N	I	1ON	055		TO CONN CKT	207
1O08P	I	1OP	155		TO CONN CKT	207
1S08N	I	1SN	053		TO CONN CKT	207
1S08P	I	1SP	153		TO CONN CKT	207

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0		PCM20	034			208
0		XSYNC	111			208
0		TSTALE	133			208
0		PCM10	134			208
I		VPP	007			209
I		TXCLK	019			209
I		RXCLK	021			209
I		PROMDEN	033			209
I		TP	033			208
I		PROMCEN	034			209
I		VDD	107			209
I		TXDATA	119			209
I		RESET	119			208
I		ADB4	120			208
I		ADB5	121			208
I		RXDATA	121			209
I		ADB6	122			208
I		ADB7	123			208
I		PGMN	133			209
I		PRBUSN	134			209
I		A0	209			209
I		A1	210			209
I		MBTSEM	210			208
I		A2	211			209
I		A3	212			209
I		ENALE	212			208
I		ALE	213			208
I		A4	213			209
I		A5	214			209
I		1CE1	214			208
I		A6	216			209
I		A7	217			209
I		A8	219			209
I		A9	220			209
I		ADB0	220			208
I		ADB1	221			208
I		A10	221			209
I		A11	222			209
I		ADB2	222			208
I		ADB3	223			208
I		A12	223			209
I		ERD	233			209
I		BUSEN	233			209
I		DBDIR	234			208
I		BUSEN	235			208
I		A13	235			209
I		A14	236			209
I		2CE2	236			208
I		2CE1	237			208
I		A15	237			209
I		A16	238			209
I		1CE2	238			208
I		DB0	239			209
I		DB1	240			209
I		DB2	241			209
I		DB3	242			209
I		DB4	243			209

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
I		DB5	245			209
I		DB6	248			209
I		DB7	249			209
I		ENZTABN	255			209
GRD		GRD	020			209
GRD		GRD	120			209
-48VB	PWR	-48IN	000		1/1	
	PWR	-48IN	100		1/1	
	PWR	-48IN	200		1/1	
-48VBRTN	PWR	-48RTN	001		1/1	
	PWR	-48RTN	101		1/1	
	PWR	-48RTN	201		1/1	
GRD04099	I	LIRST	018		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	208
GRD		GRD	015		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
GRD	GRD	GRD	035			
GRD	GRD	GRD	044			
GRD	GRD	GRD	051			
GRD	GRD	GRD	115		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
GRD	GRD	GRD	118		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
GRD	GRD	GRD	135			
GRD	GRD	GRD	144			
GRD	GRD	GRD	151			
GRD	GRD	GRD	215		(U)TO ERSM FACILITY INTERFACE UNIT	
GRD	GRD	GRD	218			
GRD	GRD	GRD	244			
GRD	GRD	GRD	246			
GRD	GRD	GRD	247			
GRD	GRD	GRD	250			
GRD	GRD	GRD	251			
GRD	GRD	GRD	252			
GRD	GRD	GRD	253			
GRD	GRD	GRD	256			
LIN09	I	LIN	032		R,W,X (Y,Z)TO 2048 KBIT/S EQUIPMENT OR (R,W,X) TO CONN CKT	
LIP09	I	LIP	132		R,X (Y,Z)TO 2048 KBIT/S EQUIPMENT (R,W,X)TO CONN CKT	
LIP7509	I	LIP	132			
LON09	OT	LON	024		Y,Z (Y,Z)1/10 (Y,Z)TO 2048 KBIT/S EQUIPMENT	
LOP09	OT	LON120	224		Y,Z (Y,Z)1/10 (Y,Z)TO 2048 KBIT/S EQUIPMENT	
	0	LOP120	124			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
LOP7509	0	LOP75	108		(R,W,X)TO CONN CKT	
NET23	(V)PWR	+5B	207			
	(U)PWR	+5B				
	(O)PWR	+5B				
	(P)PWR	+5B				
	I	VDD2	007			208
	(U)I	VDD1	107			208
PWRB SHD009	OT	PWRON	009		1/1	
	0	LONE	008		R,W,X	
	0	LON75	208		R,X	(R,W,X)TO CONN CKT
STARTB 0A9LINCL	I	START	109		1/1	
	0	LINCLK0	117		(U,S)TO ERSM FACILITY INTERFACE UNIT	
0A9TIST	(T)O	TIST0	017		(U,S)TO ERSM FACILITY INTERFACE UNIT	
0B09PBIN	0	0PBIN	137		TO CONN CKT	207
0B09PBIP	0	0PBIP	037		TO CONN CKT	207
0B09PBON	I	0PBON	136		TO CONN CKT	207
0B09PBOP	I	0PBOP	036		TO CONN CKT	207
0B094MCN	I	04MCN	139		TO CONN CKT	207
0B094MCP	I	04MCP	039		TO CONN CKT	207
0B098KSN	I	08KSN	138		TO CONN CKT	207
0B098KSP	I	08KSP	038		TO CONN CKT	207
0C09N	I	0CN	048		TO CONN CKT	
0C09P	I	0CP	148		TO CONN CKT	
01D09N	0	01DN	050		TO CONN CKT	
01D09P	0	01DP	150		TO CONN CKT	
0NINT09N	0	0NINTN	046		TO CONN CKT	
0NINT09P	0	0NINTP	146		TO CONN CKT	
00D09N	I	00DN	049		TO CONN CKT	
00D09P	I	00DP	149		TO CONN CKT	
0S09N	I	0SN	047		TO CONN CKT	
0S09P	I	0SP	147		TO CONN CKT (U)TO ERSM FACILITY INTERFACE UNIT	
1A9LINCL	(U)O	LINCLK1	114		(U)TO ERSM FACILITY INTERFACE UNIT	
1A9TIST	(T)O	TIST1	014		(U)TO ERSM FACILITY INTERFACE UNIT	
1B09PBIN	0	1PBIN	141		TO CONN CKT	207
1B09PBIP	0	1PBIP	041		TO CONN CKT	207
1B09PBON	I	1PBON	140		TO CONN CKT	207
1B09PBOP	I	1PBOP	040		TO CONN CKT	207
1B094MCN	I	14MCN	143		TO CONN CKT	207
1B094MCP	I	14MCP	043		TO CONN CKT	207
1B098KSN	I	18KSN	142		TO CONN CKT	207

SYMBOL NO. 10
DIGITAL FACILITY INTERFACE EXPORT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE09	04-099	MC5X401	A	(V)3
DFIE09	04-099	MC5X402	A	(U)4
DFIE09	04-099	MC5X401A1B	A	(Q)7
DFIE09	04-099	MC5X000A1	A	(P)8
DFIE09	04-099	MC5X402A1B	A	(L)9

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	(V)PWR	+5A	106			
	(U)PWR	+5B				
	(O)PWR	+5				
	(P)PWR	+5				
	(V)PWR	+5B	205			
	(U)PWR	+5A				
	(O)PWR	+5				
	(P)PWR	+5				
	(V)PWR	+5A	206			
	(U)PWR	+5A				
	(O)PWR	+5				
	(P)PWR	+5				
0	CLK2048	010				208
0	CRCERR	019				208
0	A8	020				208
0	A9	021				208
0	A10	022				208
0	A11	023				208

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DIGITAL LINE TRUNK UNIT - EXPORT

DWG SIZE: C2
ISSUE: 4B

AT&T SD-5X204-01 B1CJ

PART OF FS 1
DIGITAL FACILITY INTERFACE-EXPORT

SYMBOL NO. 10 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE09	04-099	MCSX401	A	(V)3
DFIE09	04-099	MCSX402	A	(U)4
DFIE09	04-099	MCSX401A1B	A	(Q)7
DFIE09	04-099	MCSX000A1	A	(P)8
DFIE09	04-099	MCSX402A1B	A	(L)9

SYMBOL NO. 11 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE10	04-109	MCSX401	A	(V)3
DFIE10	04-109	MCSX402	A	(U)4
DFIE10	04-109	MCSX401A1B	A	(Q)7
DFIE10	04-109	MCSX000A1	A	(P)8
DFIE10	04-109	MCSX402A1B	A	(L)9

SYMBOL NO. 11 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE10	04-109	MCSX401	A	(V)3
DFIE10	04-109	MCSX402	A	(U)4
DFIE10	04-109	MCSX401A1B	A	(Q)7
DFIE10	04-109	MCSX000A1	A	(P)8
DFIE10	04-109	MCSX402A1B	A	(L)9

SYMBOL NO. 11 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE10	04-109	MCSX401	A	(V)3
DFIE10	04-109	MCSX402	A	(U)4
DFIE10	04-109	MCSX401A1B	A	(Q)7
DFIE10	04-109	MCSX000A1	A	(P)8
DFIE10	04-109	MCSX402A1B	A	(L)9

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1B098KSP	I	18KSP	042		TO CONN CKT	207
1C09N	I	1CN	054		TO CONN CKT	
1C09P	I	1CP	154		TO CONN CKT	
11D09N	0	11DN	056		TO CONN CKT	
11D09P	0	11DP	156		TO CONN CKT	
1NINT09N	0	1NINTN	052		TO CONN CKT	
1NINT09P	0	1NINTP	152		TO CONN CKT	
10D09N	I	10DN	055		TO CONN CKT	
10D09P	I	10DP	155		TO CONN CKT	
1S09N	I	1SN	053		TO CONN CKT	
1S09P	I	1SP	153		TO CONN CKT	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	RESET	119			208
	I	ADB4	120			208
	I	ADB5	121			208
	I	RXDATA	121			209
	I	ADB6	122			208
	I	ADB7	123			208
	I	PGMN	133			209
	I	PRBUSN	134			209
	I	A0	209			209
	I	A1	210			209
	I	MBTSEN	210			208
	I	A2	211			209
	I	A3	212			209
	I	ENALE	212			208
	I	ALE	213			208
	I	A4	213			209
	I	A5	214			209
	I	1CE1	214			208
	I	A6	216			209
	I	A7	217			209
	I	A8	219			209
	I	A9	220			209
	I	ADB0	220			208
	I	ADB1	221			208
	I	A10	221			209
	I	A11	222			209
	I	ADB2	222			208
	I	ADB3	223			208
	I	A12	223			209
	I	ERD	233			208
	I	BUSEN	233			209
	I	DBDIR	234			208
	I	BUSEN	235			208
	I	A13	235			209
	I	A14	236			209
	I	2CE2	236			208
	I	2CE1	237			208
	I	A15	237			209
	I	A16	238			209
	I	1CE2	238			208
	I	DB0	239			209
	I	DB1	240			209
	I	DB2	241			209
	I	DB3	242			209
	I	DB4	243			209
	I	DB5	245			209
	I	DB6	248			209
	I	DB7	249			209
	I	ENZTABN	255			209
	GRD	GRD	020			209
	GRD	GRD	120			209

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRD04109	I	LIRST	018		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	208
	GRD		015		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	051			
	GRD		115		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	118		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	135			
	GRD	GRD	144		(U) TO ERSM FACILITY INTERFACE UNIT	
	GRD	GRD	151			
	GRD	GRD	215			
	GRD	GRD	218			
	GRD	GRD	244			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
	GRD	GRD	256			
LIN10	I	LIN	032	R,W,X	(Y,Z) TO 2048 KBIT/S EQUIPMENT OR (R,W,X) TO CONN CKT	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
0A10T1ST	(T)O	T1STO	017		(U,S) TO ERSM FACILITY INTERFACE UNIT	
0B10PBIN	0	0PBIN	137		TO CONN CKT	207
0B10PBIP	0	0PBIP	037		TO CONN CKT	207
0B10PBON	I	0PBON	136		TO CONN CKT	207
0B10PBOP	I	0PBOP	036		TO CONN CKT	207
0B104MCN	I	04MCN	139		TO CONN CKT	207
0B104MCP	I	04MCP	039		TO CONN CKT	207
0B108KSN	I	08KSN	138		TO CONN CKT	207
0B108KSP	I	08KSP	038		TO CONN CKT	207
0C10N	I	0CN	048		TO CONN CKT	
0C10P	I	0CP	148		TO CONN CKT	
0ID10N	0	0IDN	050		TO CONN CKT	
0ID10P	0	0IDP	150		TO CONN CKT	
0NINT10N	0	0NINTN	046		TO CONN CKT	
0NINT10P	0	0NINTP	146		TO CONN CKT	
0OD10N	I	0ODN	049		TO CONN CKT	
0OD10P	I	0ODP	149		TO CONN CKT	
0S10N	I	0SN	047		TO CONN CKT	
0S10P	I	0SP	147		TO CONN CKT	
1A10LINC	(U)O	LINCCLK1	114		(U) TO ERSM FACILITY INTERFACE UNIT	
1A10T1ST	(T)O	T1ST1	014		(U) TO ERSM FACILITY INTERFACE UNIT	
1B10PBIN	0	1PBIN	141		TO CONN CKT	207
1B10PBIP	0	1PBIP	041		TO CONN CKT	207
1B10PBON	I	1PBON	140		TO CONN CKT	207
1B10PBOP	I	1PBOP	040		TO CONN CKT	207
1B104MCN	I	14MCN	143		TO CONN CKT	207
1B104MCP	I	14MCP	043		TO CONN CKT	207
1B108KSN	I	18KSN	142		TO CONN CKT	207
1B108KSP	I	18KSP	042		TO CONN CKT	207
1C10N	I	1CN	054		TO CONN CKT	
1C10P	I	1CP	154		TO CONN CKT	
1ID10N	0	1IDN	056		TO CONN CKT	
1ID10P	0	1IDP	156		TO CONN CKT	
1NINT10N	0	1NINTN	052		TO CONN CKT	
1NINT10P	0	1NINTP	152		TO CONN CKT	
10D10N	I	10DN	055		TO CONN CKT	
10D10P	I	10DP	155		TO CONN CKT	
1S10N	I	1SN	053		TO CONN CKT	
1S10P	I	1SP	153		TO CONN CKT	

SYMBOL NO. 11
DIGITAL FACILITY INTERFACE EXPORT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE10	04-109	MCSX401	A	(V)3
DFIE10	04-109	MCSX402	A	(U)4
DFIE10	04-109	MCSX401A1B	A	(Q)7
DFIE10	04-109	MCSX000A1	A	(P)8
DFIE10	04-109	MCSX402A1B	A	(L)9

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	(V)PWR	+5A	106			
	(U)PWR	+5B				
	(Q)PWR	+5				
	(P)PWR	+5				
	(V)PWR	+5B	205			
	(U)PWR	+5A				
	(Q)PWR	+5				
	(P)PWR	+5				
	(V)PWR	+5A	206			
	(U)PWR	+5A				
	(Q)PWR	+5				
	(P)PWR	+5				
0	CLK2048	010				208
0	ERCERR	019				208
0	A8	020				208
0	A9	021				208
0	A10	022				208
0	A11	023				208
0	PCM20	034				208
0	XSYNC	111				208
0	TSTALE	133				208
0	PCM10	134				208
I	VPP	007				209
I	TXCLK	019				209
I	RXCLK	021				209
I	PROMOEN	033				209
I	TP	033				208
I	PROMCEN	034				209
I	VDD	107				209
I	TXDATA	119				209

	I	A10	221			209
	I	A11	222			209
	I	ADB2	222			208
	I	ADB3	223			208
	I	A12	223			209
	I	ERD	233			208
	I	BUSEN	233			209
	I	DBDIR	234			208
	I	BUSEN	235			208
	I	A13	235			209
	I	A14	236			209
	I	2CE2	236			208
	I	2CE1	237			208
	I	A15	237			209
	I	A16	238			209
	I	1CE2	238			208
	I	DB0	239			209
	I	DB1	240			209
	I	DB2	241			209
	I	DB3	242			209
	I	DB4	243			209
	I	DB5	245			209
	I	DB6	248			209
	I	DB7	249			209
	I	ENZTABN	255			209
	GRD	GRD	020			209
	GRD	GRD	120			209
-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	

	GRD	GRD	151			
	GRD	GRD	215			
	GRD	GRD	218			
	GRD	GRD	244			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
	GRD	GRD	256			
LIN10	I	LIN	032	R,W,X	(Y,Z) TO 2048 KBIT/S EQUIPMENT OR (R,W,X) TO CONN CKT	
LIP10	I	LIP	132	R,X	(Y,Z) TO 2048 KBIT/S EQUIPMENT (R,W,X) TO CONN CKT	
LIP7510	I					

PART OF FS 1
DIGITAL FACILITY INTERFACE-EXPORT

SYMBOL NO. 12
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 12 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 12 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 12 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE11	04-119	MC5X401	A	(V)3
DFIE11	04-119	MC5X402	A	(U)4
DFIE11	04-119	MC5X401A1B	A	(Q)7
DFIE11	04-119	MC5X000A1	A	(P)8
DFIE11	04-119	MC5X402A1B	A	(L)9

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE11	04-119	MC5X401	A	(V)3
DFIE11	04-119	MC5X402	A	(U)4
DFIE11	04-119	MC5X401A1B	A	(Q)7
DFIE11	04-119	MC5X000A1	A	(P)8
DFIE11	04-119	MC5X402A1B	A	(L)9

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE11	04-119	MC5X401	A	(V)3
DFIE11	04-119	MC5X402	A	(U)4
DFIE11	04-119	MC5X401A1B	A	(Q)7
DFIE11	04-119	MC5X000A1	A	(P)8
DFIE11	04-119	MC5X402A1B	A	(L)9

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE11	04-119	MC5X401	A	(V)3
DFIE11	04-119	MC5X402	A	(U)4
DFIE11	04-119	MC5X401A1B	A	(Q)7
DFIE11	04-119	MC5X000A1	A	(P)8
DFIE11	04-119	MC5X402A1B	A	(L)9

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	(V)PWR	+5A	106			
	(U)PWR	+5B				
	(Q)PWR	+5				
	(P)PWR	+5				
	(V)PWR	+5B	205			
	(U)PWR	+5A				
	(Q)PWR	+5				
	(P)PWR	+5				
	(V)PWR	+5A	206			
	(U)PWR	+5A				
	(Q)PWR	+5				
	(P)PWR	+5				
	0	CLK2048	010			208
	0	CRCERR	019			208
	0	A8	020			208
	0	A9	021			208
	0	A10	022			208
	0	A11	023			208
	0	PCM20	034			208
	0	XSYNC	111			208
	0	TSTALE	133			208
	0	PCM10	134			208
	I	VPP	007			209
	I	TXCLK	019			209
	I	RXCLK	021			209
	I	TP	033			208
	I	PROMDEN	033			209
	I	PROMCEN	034			209
	I	VDD	107			209
	I	RESET	119			208
	I	TXDATA	119			209
	I	ADB4	120			208
	I	RXDATA	121			209
	I	ADB5	121			208
	I	ADB6	122			208
	I	ADB7	123			208
	I	PGMN	133			209
	I	PRBUSN	134			209
	I	A0	209			209
	I	MBTSEN	210			208
	I	A1	210			209
	I	A2	211			209
	I	ENALE	212			208
	I	A3	212			209
	I	ALE	213			208
	I	A4	213			209
	I	A5	214			209
	I	1CE1	214			208
	I	A6	216			209
	I	A7	217			209
	I	A8	219			209
	I	ADB0	220			208
	I	A9	220			209
	I	ADB1	221			208
	I	A10	221			209
	I	ADB2	222			208
	I	A11	222			209
	I	ADB3	223			208
	I	A12	223			209
	I	ERD	233			208

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	BUSEN	233			209
	I	DBDIR	234			209
	I	A15	235			209
	I	BUSEN	235			208
	I	A14	236			209
	I	ZCE2	236			208
	I	A15	237			209
	I	ZCE1	237			208
	I	A16	238			209
	I	1CE2	238			208
	I	DB0	239			209
	I	DB1	240			209
	I	DB2	241			209
	I	DB3	242			209
	I	DB4	243			209
	I	DB5	245			209
	I	DB6	248			209
	I	DB7	249			209
	I	ENZTABN	255			209
	GRD	GRD	020			209
	GRD	GRD	120			209
-48VB	PWR	-481N	000		1/1	
	PWR	-481N	100		1/1	
	PWR	-481N	200		1/1	
-48VBRTN	PWR	-48RTN	001		1/1	
	PWR	-48RTN	101		1/1	
	PWR	-48RTN	201		1/1	
GRD04119	I	LIRST	018		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	208
	GRD		015		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	051			
	GRD		115		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	118		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	135			
	GRD	GRC	144			
	GRD	GRD	151		(U) TO ERSM FACILITY INTERFACE UNIT	
	GRD	GRD	215			
	GRD	GRD	218			
	GRD	GRD	244			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
	GRD	GRD	256			
LIN11	I	LIN	032		R,W,X (Y,Z) TO 2048 KBIT/S EQUIPMENT OR (R,W,X) TO CONN CKT	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
LIP11	I	L175	232		R,X (Y,Z) TO 2048 KBIT/S EQUIPMENT (R,W,X) TO CONN CKT	
	I	L1P	132			
LIP7511	I	L1P	132			
LON11	OT	LON	024		Y,Z (Y,Z) 1/12 (Y,Z) TO 2048 KBIT/S EQUIPMENT (Y,Z) 1/12 (Y,Z) TO 2048 KBIT/S EQUIPMENT	
	O	LON120	224		Y,Z	
	O	LOP120	124			
LOP11	O	LOP120	124			
LOP7511	O	LOP75	108		(R,W,X) TO CONN CKT	
NET19	(V)PWR	+5B	207			
	(U)PWR	+5B				
	(Q)PWR	+5B				
	(P)PWR	+5B				
	I	VDD2	007			208
	(U)I	VDD1	107			208
PWRB SHD011	OT	PWRON	009		1/1	
	O	LONE	008		R,W,X	
	O	LON75	208		R,X (R,W,X) TO CONN CKT 1/1 (U,S) TO ERSM FACILITY INTERFACE UNIT	
STARTB	I	START	109			
0A11LINC	O	LINCLKO	117			
0A11TIST	(T)O	TIST0	017		(U,S) TO ERSM FACILITY INTERFACE UNIT TO CONN CKT	207
0B11PBIN	O	0PBIN	137			207
0B11PBIP	O	0PBIP	037			207
0B11PBON	I	0PBON	136			207
0B11PBOP	I	0PBOP	036			207
0B114MCN	I	04MCN	139			207
0B114MCP	I	04MCP	039			207
0B118KSN	I	08KSN	138			207
0B118KSP	I	08KSP	038			207
0C11N	I	0CN	048			TO CONN CKT
0C11P	I	0CP	148			TO CONN CKT
0ID11N	O	0IDN	050			TO CONN CKT
0ID11P	O	0IDP	150			TO CONN CKT
0NINT11N	O	0NINTN	046			TO CONN CKT
0NINT11P	O	0NINTP	146			TO CONN CKT
0OD11N	I	0ODN	049			TO CONN CKT
0OD11P	I	0ODP	149			TO CONN CKT
0S11N	I	0SN	047			TO CONN CKT
0S11P	I	0SP	147			TO CONN CKT
1A11LINC	(U)O	LINCLK1	114		(U) TO ERSM FACILITY INTERFACE UNIT	
1A11TIST	(T)O	TIST1	014		(U) TO ERSM FACILITY INTERFACE UNIT	
1B11PBIN	O	1PBIN	141			TO CONN CKT
1B11PBIP	O	1PBIP	041			TO CONN CKT
1B11PBON	I	1PBON	140			TO CONN CKT
1B11PBOP	I	1PBOP	040			TO CONN CKT
1B114MCN	I	14MCN	143			TO CONN CKT
1B114MCP	I	14MCP	043			TO CONN CKT

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1B118KSN	I	18KSN	142		TO CONN CKT	207
1B118KSP	I	18KSP	042		TO CONN CKT	207
1C11N	I	1CN	054		TO CONN CKT	
1C11P	I	1CP	154		TO CONN CKT	
1ID11N	O	1IDN	056		TO CONN CKT	
1ID11P	O	1IDP	156		TO CONN CKT	
1NINT11N	O	1NINTN	052		TO CONN CKT	
1NINT11P	O	1NINTP	152		TO CONN CKT	
1OD11N	I	1ODN	055		TO CONN CKT	
1OD11P	I	1ODP	155		TO CONN CKT	
1S11N	I	1SN	053		TO CONN CKT	
1S11P	I	1SP	153		TO CONN CKT	

PART OF FS 1
SYMBOL(S) 12

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DIGITAL LINE TRUNK UNIT - EXPORT

DWG SIZE: C2
ISSUE: 4B

AT&T SD-5X204-01 B1CL

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PART OF FS 1
DIGITAL FACILITY INTERFACE-EXPORT

SYMBOL NO. 13
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 13 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 13 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 13 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE12	04-129	MC5X401	A	(V)3
DFIE12	04-129	MC5X402	A	(U)4
DFIE12	04-129	MC5X401A1B	A	(Q)7
DFIE12	04-129	MC5X000A1	A	(P)8
DFIE12	04-129	MC5X402A1B	A	(L)9

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE12	04-129	MC5X401	A	(V)3
DFIE12	04-129	MC5X402	A	(U)4
DFIE12	04-129	MC5X401A1B	A	(Q)7
DFIE12	04-129	MC5X000A1	A	(P)8
DFIE12	04-129	MC5X402A1B	A	(L)9

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE12	04-129	MC5X401	A	(V)3
DFIE12	04-129	MC5X402	A	(U)4
DFIE12	04-129	MC5X401A1B	A	(Q)7
DFIE12	04-129	MC5X000A1	A	(P)8
DFIE12	04-129	MC5X402A1B	A	(L)9

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE12	04-129	MC5X401	A	(V)3
DFIE12	04-129	MC5X402	A	(U)4
DFIE12	04-129	MC5X401A1B	A	(Q)7
DFIE12	04-129	MC5X000A1	A	(P)8
DFIE12	04-129	MC5X402A1B	A	(L)9

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	(V)PWR	+5A	106			
	(U)PWR	+5B				
	(Q)PWR	+5				
	(P)PWR	+5				
	(V)PWR	+5B	205			
	(U)PWR	+5A				
	(Q)PWR	+5				
	(P)PWR	+5				
	(V)PWR	+5A	206			
	(U)PWR	+5A				
	(Q)PWR	+5				
	(P)PWR	+5				
	0	CLK2048	010			208
	0	DRCERR	019			208
	0	A8	020			208
	0	A9	021			208
	0	A10	022			208
	0	A11	023			208
	0	PCM20	034			208
	0	XSYNG	111			208
	0	TSTALE	133			208
	0	PCM10	134			208
	1	VPP	007			209
	1	TXCLK	019			209
	1	RXCLK	021			209
	1	PROMDEN	033			209
	1	TP	033			208
	1	PROMCEN	034			209
	1	VDD	107			209
	1	TXDATA	119			209
	1	RESET	119			208
	1	ADB4	120			208
	1	ADB5	121			208
	1	RXDATA	121			209
	1	ADB6	122			208
	1	ADB7	123			208
	1	PGMN	133			209
	1	PRBUSN	134			209
	1	A0	209			209
	1	A1	210			209
	1	MBTSEN	210			208
	1	A2	211			209
	1	A3	212			209
	1	ENALE	212			208
	1	ALE	213			208
	1	A4	213			209
	1	A5	214			209
	1	1CE1	214			208
	1	A6	216			209
	1	A7	217			209
	1	A8	219			209
	1	A9	220			209
	1	ADB0	220			208
	1	ADB1	221			208
	1	A10	221			209
	1	A11	222			209
	1	ADB2	222			208
	1	ADB3	223			208
	1	A12	223			209
	1	BUSEN	233			209

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	1	ERD	235			208
	1	DBDIR	234			208
	1	BUSEN	235			208
	1	A13	235			209
	1	A14	236			209
	1	2CE2	236			208
	1	2CE1	237			208
	1	A15	237			209
	1	A16	238			209
	1	1CE2	238			208
	1	DB0	239			209
	1	DB1	240			209
	1	DB2	241			209
	1	DB3	242			209
	1	DB4	243			209
	1	DB5	245			209
	1	DB6	248			209
	1	DB7	249			209
	1	EN2TABN	255			209
	GRD	GRD	020			209
	GRD	GRD	120			209
-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	
GRD04129	1	LIRST	018		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	208
	GRD		015		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	051		(U) TO ERSM FACILITY INTERFACE UNIT (T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD		115		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	118		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	215			
	GRD	GRD	218			
	GRD	GRD	244			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
	GRD	GRD	256			
LIN12	1	LIN	032		R,W,X (Y,Z) TO 2048 KBIT/S EQUIPMENT OR (R,W,X) TO CONN CKT	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
LIP12	1	L175	232		R,X (Y,Z) TO 2048 KBIT/S EQUIPMENT (R,W,X) TO CONN CKT	
LIP7512	1	LIP	132			
LON12	OT	LON	024		Y,Z (Y,Z)1/13 (Y,Z) TO 2048 KBIT/S EQUIPMENT (Y,Z)1/13 (Y,Z) TO 2048 KBIT/S EQUIPMENT	
LOP12	OT	LON120	224		Y,Z	
	0	LOP120	124			
LOP7512	0	LOP75	108		(R,W,X) TO CONN CKT	
NET14	(V)PWR	+5B	207			
	(U)PWR	+5B				
	(Q)PWR	+5B				
	(P)PWR	+5B				
	1	VDD2	007			208
PWRA	(U)1	VDD1	107			208
SHD012	OT	PWRON	009		1/1	
	0	LONE	008		R,W,X	
	0	LON75	208		R,X (R,W,X) TO CONN CKT	
STARTA	1	START	109		1/1	
0A12LINC	0	LINCLK0	117		(U,S) TO ERSM FACILITY INTERFACE UNIT	
0A12T1ST	(T)0	T1ST0	017		(U,S) TO ERSM FACILITY INTERFACE UNIT	
0B12PBIN	0	0PBIN	137		TO CONN CKT	207
0B12PBIP	0	0PRIP	037		TO CONN CKT	207
0B12PBON	1	0PBON	136		TO CONN CKT	207
0B12PBOP	1	0PBOP	036		TO CONN CKT	207
0B124MCN	1	04MCN	139		TO CONN CKT	207
0B124MCP	1	04MCP	039		TO CONN CKT	207
0B128KSN	1	08KSN	138		TO CONN CKT	207
0B128KSP	1	08KSP	038		TO CONN CKT	207
0C12N	1	0CN	048		TO CONN CKT	
0C12P	1	0CP	148		TO CONN CKT	
0ID12N	0	0IDN	050		TO CONN CKT	
0ID12P	0	0IDP	150		TO CONN CKT	
0NINT12N	0	0NINTN	046		TO CONN CKT	
0NINT12P	0	0NINTP	146		TO CONN CKT	
0OD12N	1	0ODN	049		TO CONN CKT	
0OD12P	1	0ODP	149		TO CONN CKT	
0S12N	1	0SN	047		TO CONN CKT	
0S12P	1	0SP	147		TO CONN CKT	
1A12LINC	(U)0	LINCLK1	114		(U) TO ERSM FACILITY INTERFACE UNIT (U) TO ERSM FACILITY INTERFACE UNIT	
1A12T1ST	(T)0	T1ST1	014		(U) TO ERSM FACILITY INTERFACE UNIT	
1B12PBIN	0	1PBIN	141		TO CONN CKT	207
1B12PBIP	0	1PBIP	041		TO CONN CKT	207
1B12PBON	1	1PBON	140		TO CONN CKT	207
1B12PBOP	1	1PBOP	040		TO CONN CKT	207
1B124MCN	1	14MCN	143		TO CONN CKT	207
1B124MCP	1	14MCP	043		TO CONN CKT	207

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1B128KSN	1	18KSN	142		TO CONN CKT	207
1B128KSP	1	18KSP	042		TO CONN CKT	207
1C12N	1	1CN	054		TO CONN CKT	
1C12P	1	1CP	154		TO CONN CKT	
1ID12N	0	1IDN	056		TO CONN CKT	
1ID12P	0	1IDP	156		TO CONN CKT	
1NINT12N	0	1NINTN	052		TO CONN CKT	
1NINT12P	0	1NINTP	152		TO CONN CKT	
1OD12N	1	1ODN	055		TO CONN CKT	
1OD12P	1	1ODP	155		TO CONN CKT	
1S12N	1	1SN	053		TO CONN CKT	
1S12P	1	1SP	153		TO CONN CKT	

PART OF FS 1
SYMBOL(S) 13

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DIGITAL LINE TRUNK UNIT - EXPORT		DWG SIZE C2
AT&T		ISSUE 4B
SD-5X204-01		B1CM

PART OF FS 1
DIGITAL FACILITY INTERFACE-EXPORT

SYMBOL NO. 14
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 14 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 14 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 14 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE13	04-139	MC5X401	A	(V)3
DFIE13	04-139	MC5X402	A	(U)4
DFIE13	04-139	MC5X401A1B	A	(Q)7
DFIE13	04-139	MC5X000A1	A	(P)8
DFIE13	04-139	MC5X402A1B	A	(L)9

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE13	04-139	MC5X401	A	(V)3
DFIE13	04-139	MC5X402	A	(U)4
DFIE13	04-139	MC5X401A1B	A	(Q)7
DFIE13	04-139	MC5X000A1	A	(P)8
DFIE13	04-139	MC5X402A1B	A	(L)9

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE13	04-139	MC5X401	A	(V)3
DFIE13	04-139	MC5X402	A	(U)4
DFIE13	04-139	MC5X401A1B	A	(Q)7
DFIE13	04-139	MC5X000A1	A	(P)8
DFIE13	04-139	MC5X402A1B	A	(L)9

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE13	04-139	MC5X401	A	(V)3
DFIE13	04-139	MC5X402	A	(U)4
DFIE13	04-139	MC5X401A1B	A	(Q)7
DFIE13	04-139	MC5X000A1	A	(P)8
DFIE13	04-139	MC5X402A1B	A	(L)9

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	(V)PWR	+5A	106			
	(U)PWR	+5B				
	(Q)PWR	+5				
	(P)PWR	+5				
	(V)PWR	+5B	205			
	(U)PWR	+5A				
	(Q)PWR	+5				
	(P)PWR	+5				
	(V)PWR	+5A	206			
	(U)PWR	+5A				
	(Q)PWR	+5				
	(P)PWR	+5				
	0	CLK2048	010			208
	0	CRCERR	019			208
	0	A8	020			208
	0	A9	021			208
	0	A10	022			208
	0	A11	023			208
	0	PCM20	034			208
	0	XSYWC	111			208
	0	TSTALE	133			208
	0	PCM10	134			208
	1	VPP	007			209
	1	TXCLK	019			209
	1	RXCLK	021			209
	1	PROMDEN	033			209
	1	TP	033			208
	1	PROMCEN	034			209
	1	VDD	107			209
	1	TXDATA	119			209
	1	RESET	119			208
	1	ADB4	120			208
	1	ADB5	121			208
	1	RXDATA	121			209
	1	ADB6	122			208
	1	ADB7	123			208
	1	PGMN	133			209
	1	PRBUSN	134			209
	1	A0	209			209
	1	A1	210			209
	1	BTSEN	210			208
	1	AZ	211			205
	1	A3	212			209
	1	ENALE	212			208
	1	ALE	213			208
	1	A4	213			209
	1	A5	214			209
	1	1CE1	214			208
	1	A6	216			209
	1	A7	217			209
	1	A8	219			209
	1	A9	220			209
	1	ADB0	220			208
	1	ADB1	221			208
	1	A10	221			209
	1	A11	222			209
	1	ADB2	222			208
	1	ADB3	223			208
	1	A12	223			209
	1	BUSEN	233			209

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	1	ERD	233			208
	1	DBDIR	234			208
	1	BUSEN	235			208
	1	A13	235			209
	1	A14	236			209
	1	2CE2	236			208
	1	2CE1	237			208
	1	A15	237			209
	1	A16	238			209
	1	1CE2	238			208
	1	DB0	239			209
	1	DB1	240			209
	1	DB2	241			209
	1	DB3	242			209
	1	DB4	243			209
	1	DB5	245			209
	1	DB6	248			209
	1	DB7	249			209
	1	EN2TABN	255			209
	GRD	GRD	020			209
	GRD	GRD	120			209
-48VB	PWR	-48IN	000		1/1	
	PWR	-48IN	100		1/1	
	PWR	-48IN	200		1/1	
-48VBRTN	PWR	-48RTN	001		1/1	
	PWR	-48RTN	101		1/1	
	PWR	-48RTN	201		1/1	
GRD04139	1	LIRST	018		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	208
	GRD	GRD	015		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	035		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	044			
	GRD	GRD	051			
	GRD	GRD	115		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	118		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	215			
	GRD	GRD	218			
	GRD	GRD	244			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
	GRD	GRD	256			
LIN13	1	LIN	032		R,W,X (Y,Z) TO 2048 KBIT/S EQUIPMENT OR (R,W,X) TO CONN CKT	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
LIP13	1	LIP75	232		R,X	
	1	LIP	132		(Y,Z) TO 2048 KBIT/S EQUIPMENT (R,W,X) TO CONN CKT	
LIP7513	1	LIP	132			
LON13	OT	LON	024		Y,Z	(Y,Z) 1/14 (Y,Z) TO 2048 KBIT/S EQUIPMENT (Y,Z) 1/14 (Y,Z) TO 2048 KBIT/S EQUIPMENT
LOP13	OT	LON120	224		Y,Z	
	0	LOP120	124			
LOP7513	0	LOP75	108			(R,W,X) TO CONN CKT
NET15	(V)PWR	+5B	207			
	(U)PWR	+5B				
	(Q)PWR	+5B				
	(P)PWR	+5B				
	1	VDD2	007			208
	(U)1	VDD1	107			208
PWRB	OT	PWRON	009		1/1	
SHD013	0	LONE	008		R,W,X	
	0	LON75	208		R,X	(R,W,X) TO CONN CKT
STARTB	1	START	109			1/1
0A13LINC	0	LINELKO	117			(U,S) TO ERSM FACILITY INTERFACE UNIT
0A13T1ST	(T)0	T1ST0	017			(U,S) TO ERSM FACILITY INTERFACE UNIT
0B13PBIN	0	0PBIN	137			TO CONN CKT
0B13PBIP	0	0PBIP	037			TO CONN CKT
0B13PBON	1	0PBON	136			TO CONN CKT
0B13PBOP	1	0PBOP	036			TO CONN CKT
0B134MCN	1	04MCN	139			TO CONN CKT
0B134MCP	1	04MCP	039			TO CONN CKT
0B138KSN	1	08KSN	138			TO CONN CKT
0B138KSP	1	08KSP	038			TO CONN CKT
0C13N	1	0CN	048			TO CONN CKT
0C13P	1	0CP	148			TO CONN CKT
01D13N	0	01DN	050			TO CONN CKT
01D13P	0	01DP	150			TO CONN CKT
0N1NT13N	0	0N1NTN	046			TO CONN CKT
0N1NT13P	0	0N1NTP	146			TO CONN CKT
0OD13N	1	0ODN	049			TO CONN CKT
0OD13P	1	0ODP	149			TO CONN CKT
0S13N	1	0SN	047			TO CONN CKT
0S13P	1	0SP	147			TO CONN CKT
1A13LINC	(U)0	LINELK1	114			(U) TO ERSM FACILITY INTERFACE UNIT
1A13T1ST	(T)0	T1ST1	014			(U) TO ERSM FACILITY INTERFACE UNIT
1B13PBIN	0	1PBIN	141			TO CONN CKT
1B13PBIP	0	1PBIP	041			TO CONN CKT
1B13PBON	1	1PBON	140			TO CONN CKT
1B13PBOP	1	1PBOP	040			TO CONN CKT
1B134MCN	1	14MCN	143			TO CONN CKT
1B134MCP	1	14MCP	043			TO CONN CKT

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1B138KSN	1	18KSN	142			TO CONN CKT
1B138KSP	1	18KSP	042			TO CONN CKT
1C13N	1	1CN	054			TO CONN CKT
1C13P	1	1CP	154			TO CONN CKT
11D13N	0	11DN	056			TO CONN CKT
11D13P	0	11DP	156			TO CONN CKT
1N1NT13N	0	1N1NTN	052			TO CONN CKT
1N1NT13P	0	1N1NTP	152			TO CONN CKT
10D13N	1	10DN	055			TO CONN CKT
10D13P	1	10DP	155			TO CONN CKT
1S13N	1	1SN	053			TO CONN CKT
1S13P	1	1SP	153			TO CONN CKT

PART OF FS 1
SYMBOL(S) 14

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DIGITAL LINE TRUNK UNIT - EXPORT

AT&T SD-5X204-01 B1CN

DWG SIZE: 4B
ISSUE: 4B

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PART OF FS 1
DIGITAL FACILITY INTERFACE-EXPORT

SYMBOL NO. 15
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 15 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 15 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 15 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DFIE14	04-149	MCSX401	A	(V)3
DFIE14	04-149	MCSX402	A	(U)4
DFIE14	04-149	MCSX401A1B	A	(Q)7
DFIE14	04-149	MCSX000A1	A	(P)8
DFIE14	04-149	MCSX402A1B	A	(L)9

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DFIE14	04-149	MCSX401	A	(V)3
DFIE14	04-149	MCSX402	A	(U)4
DFIE14	04-149	MCSX401A1B	A	(Q)7
DFIE14	04-149	MCSX000A1	A	(P)8
DFIE14	04-149	MCSX402A1B	A	(L)9

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DFIE14	04-149	MCSX401	A	(V)3
DFIE14	04-149	MCSX402	A	(U)4
DFIE14	04-149	MCSX401A1B	A	(Q)7
DFIE14	04-149	MCSX000A1	A	(P)8
DFIE14	04-149	MCSX402A1B	A	(L)9

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DFIE14	04-149	MCSX401	A	(V)3
DFIE14	04-149	MCSX402	A	(U)4
DFIE14	04-149	MCSX401A1B	A	(Q)7
DFIE14	04-149	MCSX000A1	A	(P)8
DFIE14	04-149	MCSX402A1B	A	(L)9

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	(V)PWR	+5A	106			
	(U)PWR	+5B				
	(Q)PWR	+5				
	(P)PWR	+5				
	(V)PWR	+5B	205			
	(U)PWR	+5A				
	(Q)PWR	+5				
	(P)PWR	+5				
	(V)PWR	+5A	206			
	(U)PWR	+5A				
	(Q)PWR	+5				
	(P)PWR	+5				
	0	ELK2048	010			208
	0	CRERR	019			208
	0	A8	020			208
	0	A9	021			208
	0	A10	022			208
	0	A11	023			208
	0	PCM20	034			208
	0	XYINC	111			208
	0	TSIALE	133			208
	0	PCM10	134			208
	I	VPP	007			209
	I	TXCLK	019			209
	I	RXCLK	021			209
	I	PROMOEN	033			209
	I	TP	033			208
	I	PROMCEN	034			209
	I	VDD	107			209
	I	TXDATA	119			209
	I	RESET	119			208
	I	ADB4	120			208
	I	ADB5	121			208
	I	RXDATA	121			209
	I	ADB6	122			208
	I	ADB7	123			208
	I	PGMN	133			209
	I	PRBUSN	134			209
	I	A0	209			209
	I	A1	210			209
	I	MBTSEN	210			208
	I	A2	211			209
	I	A3	212			209
	I	ENALE	212			208
	I	ALE	213			208
	I	A4	213			209
	I	A5	214			209
	I	1CE1	214			208
	I	A6	216			209
	I	A7	217			209
	I	A8	219			209
	I	A9	220			209
	I	ADB0	220			208
	I	ADB1	221			208
	I	A10	221			209
	I	A11	222			209
	I	ADB2	222			208
	I	ADB3	223			208
	I	A12	223			209
	I	ERD	233			208

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	BUSEN	233			209
	I	DBDIR	234			208
	I	BUSEN	235			208
	I	A13	235			209
	I	A14	236			209
	I	2CE2	236			208
	I	2CE1	237			208
	I	A15	237			209
	I	A16	238			209
	I	1CE2	238			208
	I	DB0	239			209
	I	DB1	240			209
	I	DB2	241			209
	I	DB3	242			209
	I	DB4	243			209
	I	DB5	245			209
	I	DB6	248			209
	I	DB7	249			209
	I	EN2TABN	255			209
	GRD	GRD	020			209
	GRD	GRD	120			209
-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		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	208
	GRD	GRD	015		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	035		(U,S) TO ERSM FACILITY INTERFACE UNIT	
	GRD	GRD	044			
	GRD	GRD	051			
	GRD	GRD	115		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	118		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	135			
	GRD	GRD	144			
	GRD	GRD	151			
	GRD	GRD	215			
	GRD	GRD	218			
	GRD	GRD	244			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
	GRD	GRD	256			
LIN14	I	LIN	032		R,W,X (Y,Z) TO 2048 KBIT/S EQUIPMENT OR (R,W,X) TO CONN CKT	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	
LIP14	I	LIP	132		R,X		
LIP7514	I	LIP	132		(Y,Z) TO 2048 KBIT/S EQUIPMENT (R,W,X) TO CONN CKT		
LON14	OT	LON	024		Y,Z	(Y,Z) 1/15 (Y,Z) TO 2048 KBIT/S EQUIPMENT (Y,Z) TO 2048 KBIT/S EQUIPMENT	
LOP14	OT	LON120	224		Y,Z	(Y,Z) 1/15 (Y,Z) TO 2048 KBIT/S EQUIPMENT	
LOP7514	0	LOP75	108			(R,W,X) TO CONN CKT	
NET10	(V)PWR	+5B	207				
	(U)PWR	+5B					
	(Q)PWR	+5B					
	(P)PWR	+5B					
	I	VDD2	007				208
	(U)I	VDD1	107				208
PWRA SHD014	OT	PWRON	009		R,W,X	1/1 (W,X) TO CONN CKT	
	0	LON75	208		R,X	(R,W,X) TO CONN CKT	
STARTA 0A14LINC	I	START	109			1/1 (U,S) TO ERSM FACILITY INTERFACE UNIT	
	0	LINCLKO	117				
0A14TIST	(T)0	TIST0	017			(U,S) TO ERSM FACILITY INTERFACE UNIT	
0B14PBIN	0	0PBIN	137			TO CONN CKT	207
0B14PBIP	0	0PBIP	037			TO CONN CKT	207
0B14PBON	I	0PBON	136			TO CONN CKT	207
0B14PBOP	I	0PBOP	036			TO CONN CKT	207
0B14MCP	I	04MCP	139			TO CONN CKT	207
0B144MCP	I	04MCP	039			TO CONN CKT	207
0B148KSN	I	08KSN	138			TO CONN CKT	207
0B148KSP	I	08KSP	038			TO CONN CKT	207
0C14N	I	0CN	048			TO CONN CKT	
0C14P	I	0CP	148			TO CONN CKT	
0ID14N	0	0IDN	050			TO CONN CKT	
0ID14P	0	0IDP	150			TO CONN CKT	
0NINT14N	0	0NINTN	046			TO CONN CKT	
0NINT14P	0	0NINTP	146			TO CONN CKT	
0OD14N	I	0ODN	049			TO CONN CKT	
0OD14P	I	0ODP	149			TO CONN CKT	
0S14N	I	0SN	047			TO CONN CKT	
0S14P	I	0SP	147			TO CONN CKT (U) TO ERSM FACILITY INTERFACE UNIT (U) TO ERSM FACILITY INTERFACE UNIT	
1A14LINC	(U)0	LINCLK1	114				
1A14TIST	(T)0	TIST1	014				
1B14PBIN	0	1PBIN	141			TO CONN CKT	207
1B14PBIP	0	1PBIP	041			TO CONN CKT	207
1B14PBON	I	1PBON	140			TO CONN CKT	207

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1B14PBOP	I	1PBOP	040		TO CONN CKT	207
1B144MCN	I	14MCN	143		TO CONN CKT	207
1B144MCP	I	14MCP	043		TO CONN CKT	207
1B148KSN	I	18KSN	142		TO CONN CKT	207
1B148KSP	I	18KSP	042		TO CONN CKT	207
1C14N	I	1CN	054		TO CONN CKT	
1C15P	I	1CP	154		TO CONN CKT	
1ID14N	0	1IDN	056		TO CONN CKT	
1ID14P	0	1IDP	156		TO CONN CKT	
1NINT14N	0	1NINTN	052		TO CONN CKT	
1NINT14P	0	1NINTP	152		TO CONN CKT	
1OD14N	I	1ODN	055		TO CONN CKT	
1OD14P	I	1ODP	155		TO CONN CKT	
1S14N	I	1SN	053		TO CONN CKT	
1S14P	I	1SP	153		TO CONN CKT	

PART OF FS 1
SYMBOL(S) 15

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DIGITAL LINE TRUNK UNIT - EXPORT		DWG SIZE C2
AT&T		ISSUE 4B
SD-5X204-01		B1CP

PART OF FS 1
DIGITAL FACILITY INTERFACE-EXPORT

SYMBOL NO. 16
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 16 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 16 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 16 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DFIE15	04-159	MCSX401	A	(V)3
DFIE15	04-159	MCSX402	A	(U)4
DFIE15	04-159	MCSX401A1B	A	(Q)7
DFIE15	04-159	MCSX000A1	A	(P)8
DFIE15	04-159	MCSX402A1B	A	(L)9

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DFIE15	04-159	MCSX401	A	(V)3
DFIE15	04-159	MCSX402	A	(U)4
DFIE15	04-159	MCSX401A1B	A	(Q)7
DFIE15	04-159	MCSX000A1	A	(P)8
DFIE15	04-159	MCSX402A1B	A	(L)9

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DFIE15	04-159	MCSX401	A	(V)3
DFIE15	04-159	MCSX402	A	(U)4
DFIE15	04-159	MCSX401A1B	A	(Q)7
DFIE15	04-159	MCSX000A1	A	(P)8
DFIE15	04-159	MCSX402A1B	A	(L)9

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DFIE15	04-159	MCSX401	A	(V)3
DFIE15	04-159	MCSX402	A	(U)4
DFIE15	04-159	MCSX401A1B	A	(Q)7
DFIE15	04-159	MCSX000A1	A	(P)8
DFIE15	04-159	MCSX402A1B	A	(L)9

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	(V)PWR	+5A	106			
	(U)PWR	+5B				
	(Q)PWR	+5				
	(P)PWR	+5				
	(V)PWR	+5B	205			
	(U)PWR	+5A				
	(Q)PWR	+5				
	(P)PWR	+5				
	(V)PWR	+5A	206			
	(U)PWR	+5A				
	(Q)PWR	+5				
	(P)PWR	+5				
	0	CLK2048	010			208
	0	CRCERR	019			208
	0	A8	020			208
	0	A9	021			208
	0	A10	022			208
	0	A11	023			208
	0	PCM20	034			208
	0	XSYNC	111			208
	0	TSTALE	133			208
	0	PCM10	134			208
	1	VPP	007			209
	1	TXCLK	019			209
	1	RXCLK	021			209
	1	PROMOEN	053			209
	1	TP	053			208
	1	PROMCEN	034			209
	1	VDD	107			209
	1	RESET	119			208
	1	TXDATA	119			209
	1	ADB4	120			208
	1	ADB5	121			208
	1	RXDATA	121			209
	1	ADB6	122			208
	1	ADB7	123			208
	1	PGMN	133			209
	1	PRBUSN	134			209
	1	A0	209			209
	1	A1	210			209
	1	MBTSEN	210			208
	1	A2	211			209
	1	A3	212			209
	1	ENALE	212			208
	1	A4	213			209
	1	ALE	213			208
	1	1CE1	214			208
	1	A5	214			209
	1	A6	216			209
	1	A7	217			209
	1	A8	219			209
	1	A9	220			209
	1	ADB0	220			208
	1	ADB1	221			208
	1	A10	221			209
	1	A11	222			209
	1	ADB2	222			208
	1	ADB3	223			208
	1	A12	223			209
	1	BUSEN	233			209

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	1	ERD	233			208
	1	DBD1R	234			208
	1	A13	235			209
	1	BUSEN	235			208
	1	2CE2	236			208
	1	A14	236			209
	1	A15	237			209
	1	2CE1	237			208
	1	1CE2	238			208
	1	A16	238			209
	1	DB0	239			209
	1	DB1	240			209
	1	DB2	241			209
	1	DB3	242			209
	1	DB4	243			209
	1	DB5	245			209
	1	DB6	248			209
	1	DB7	249			209
	1	ENZTABN	255			209
	GRD	GRD	020			209
	GRD	GRD	120			209
-48VB	PWR	-48IN	000		1/1	
	PWR	-48IN	100		1/1	
	PWR	-48IN	200		1/1	
-48VBRTN	PWR	-48RTN	001		1/1	
	PWR	-48RTN	101		1/1	
	PWR	-48RTN	201		1/1	
GRD04159	I	LIRST	018		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	208
	GRD		015		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	035			
	GRD	GRD	044			
	GRD	GRD	051			
	GRD	GRD	115		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	118		(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	135			
	GRD	GRD	144		(U) TO ERSM FACILITY INTERFACE UNIT	
	GRD	GRD	151			
	GRD	GRD	215			
	GRD	GRD	218			
	GRD	GRD	244			
	GRD	GRD	246			
	GRD	GRD	247			
	GRD	GRD	250			
	GRD	GRD	251			
	GRD	GRD	252			
	GRD	GRD	253			
	GRD	GRD	256			
LIN15	I	LIN	032		R,W,X (Y,Z) TO 2048 KBIT/S EQUIPMENT OR (R,W,X) TO CONN CKT	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
LIP15	I	L175	232		R,X	
	I	LIP	132		(Y,Z) TO 2048 KBIT/S EQUIPMENT (R,W,X) TO CONN CKT	
LIP7515	I	LIP	132			
LON15	OT	LON	024		Y,Z	(Y,Z) TO 2048 KBIT/S EQUIPMENT (R,W,X) TO CONN CKT
LOP15	OT	LON120	224		Y,Z	(Y,Z) TO 2048 KBIT/S EQUIPMENT (R,W,X) TO CONN CKT
	0	LOP120	124			
LOP7515	0	LOP75	108			(R,W,X) TO CONN CKT
NET11	(V)PWR	+5B	207			
	(U)PWR	+5B				
	(Q)PWR	+5B				
	(P)PWR	+5B				
	I	VDD2	007			208
	(U)I	VDD1	107			208
PWRB SHD015	OT	PWRON	009		1/1	
	0	LONE	008		R,W,X	
	0	LON75	208		R,X	(R,W,X) TO CONN CKT 1/1
STARTB	I	START	109			(U,S) TO ERSM FACILITY INTERFACE UNIT
0A15LINC	0	LINCLK0	117			
0A15T1ST	(T)0	T1ST0	017			(U,S) TO ERSM FACILITY INTERFACE UNIT
0B15PBIN	0	0PBIN	137			TO CONN CKT 207
0B15PBIP	0	0PBIP	037			TO CONN CKT 207
0B15PBON	I	0PBON	136			TO CONN CKT 207
0B15PBOP	I	0PBOP	036			TO CONN CKT 207
0B154MCN	I	04MCN	139			TO CONN CKT 207
0B154MCP	I	04MCP	039			TO CONN CKT 207
0B158KSN	I	08KSN	138			TO CONN CKT 207
0B158KSP	I	08KSP	038			TO CONN CKT 207
0C15N	I	0CN	048			TO CONN CKT
0C15P	I	0CP	148			TO CONN CKT
01D15N	0	01DN	050			TO CONN CKT
01D15P	0	01DP	150			TO CONN CKT
0N1NT15N	0	0N1NTN	046			TO CONN CKT
0N1NT15P	0	0N1NTP	146			TO CONN CKT
0OD15N	I	0ODN	049			TO CONN CKT
0OD15P	I	0ODP	149			TO CONN CKT
0S15N	I	0SN	047			TO CONN CKT
0S15P	I	0SP	147			TO CONN CKT (U) TO ERSM FACILITY INTERFACE UNIT
1A15LINC	(U)0	LINCLK1	114			(U) TO ERSM FACILITY INTERFACE UNIT
1A15T1ST	(T)0	T1ST1	014			(U) TO ERSM FACILITY INTERFACE UNIT
1B15PBIN	0	1PBIN	141			TO CONN CKT 207
1B15PBIP	0	1PBIP	041			TO CONN CKT 207
1B15PBON	I	1PBON	140			TO CONN CKT 207
1B15PBOP	I	1PBOP	040			TO CONN CKT 207
1B154MCN	I	14MCN	143			TO CONN CKT 207
1B154MCP	I	14MCP	043			TO CONN CKT 207

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
1B158KSN	I	18KSN	142			TO CONN CKT 207
1B158KSP	I	18KSP	042			TO CONN CKT 207
1C14P	I	1CP	154			TO CONN CKT
1C15N	I	1CN	054			TO CONN CKT
11D15N	0	11DN	056			TO CONN CKT
11D15P	0	11DP	156			TO CONN CKT
1N1NT15N	0	1N1NTN	052			TO CONN CKT
1N1NT15P	0	1N1NTP	152			TO CONN CKT
10D15N	I	10DN	055			TO CONN CKT
10D15P	I	10DP	155			TO CONN CKT
1S15N	I	1SN	053			TO CONN CKT
1S15P	I	1SP	153			TO CONN CKT

PART OF FS 1
SYMBOL(S) 16

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DIGITAL LINE TRUNK UNIT - EXPORT	DWG SIZE C2	ISSUE 4B
AT&T	SD-5X204-01	B1CR

PART OF FS 1
DIGITAL FACILITY INTERFACE-EXPORT

SYMBOL NO. 17
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 17 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 17 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

SYMBOL NO. 17 (CONT)
DIGITAL FACILITY INTERFACE EXPORT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE16	04-169	MCSX401	A	(V)3
DFIE16	04-169	MCSX402	A	(U)4
DFIE16	04-169	MCSX401A1B	A	(Q)7
DFIE16	04-169	MCSX000A1	A	(P)8
DFIE16	04-169	MCSX402A1B	A	(L)9

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE16	04-169	MCSX401	A	(V)3
DFIE16	04-169	MCSX402	A	(U)4
DFIE16	04-169	MCSX401A1B	A	(Q)7
DFIE16	04-169	MCSX000A1	A	(P)8
DFIE16	04-169	MCSX402A1B	A	(L)9

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE16	04-169	MCSX401	A	(V)3
DFIE16	04-169	MCSX402	A	(U)4
DFIE16	04-169	MCSX401A1B	A	(Q)7
DFIE16	04-169	MCSX000A1	A	(P)8
DFIE16	04-169	MCSX402A1B	A	(L)9

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DFIE16	04-169	MCSX401	A	(V)3
DFIE16	04-169	MCSX402	A	(U)4
DFIE16	04-169	MCSX401A1B	A	(Q)7
DFIE16	04-169	MCSX000A1	A	(P)8
DFIE16	04-169	MCSX402A1B	A	(L)9

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
NC	(V)PWR	+5A	106		
	(U)PWR	+5B			
	(Q)PWR	+5			
	(P)PWR	+5			
	(V)PWR	+5B	205		
	(U)PWR	+5A			
	(Q)PWR	+5			
	(P)PWR	+5			
	(V)PWR	+5A	206		
	(U)PWR	+5A			
	(Q)PWR	+5			
	(P)PWR	+5			
	0	CLK2048	010		208
	0	CRCERR	019		208
	0	A8	020		208
	0	A9	021		208
	0	A10	022		208
	0	A11	023		208
	0	PCM20	034		208
	0	XSYNC	111		208
	0	TSTALE	133		208
	0	PCM10	134		208
	1	VPP	007		209
	1	TXCLK	019		209
	1	RXCLK	021		209
	1	PROMOEN	033		209
	1	TP	033		208
	1	PROMCEN	034		209
	1	VDD	107		209
	1	TXDATA	119		209
	1	RESET	119		208
	1	ADB4	120		208
	1	ADB5	121		208
	1	RXDATA	121		209
	1	ADB6	122		208
	1	ADB7	123		208
	1	PGMN	133		209
	1	PRBUSN	134		209
	1	A0	209		209
	1	A1	210		209
	1	MBTSEN	210		208
	1	A2	211		209
	1	A3	212		209
	1	ENALE	212		208
	1	ALE	213		208
	1	A4	213		209
	1	A5	214		209
	1	1CE1	214		208
	1	A6	216		209
	1	A7	217		209
	1	A8	219		209
	1	A9	220		209
	1	ADB0	220		208
	1	ADB1	221		208
	1	A10	221		209
	1	A11	222		209
	1	ADB2	222		208
	1	ADB3	223		208
	1	A12	223		209
	1	BUSEN	233		209

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	I	ERD	233		208
	I	DBDIR	234		208
	I	BUSEN	235		208
	I	A13	235		209
	I	A14	236		209
	I	2CE2	236		208
	I	2CE1	237		208
	I	A15	237		209
	I	A16	238		209
	I	1CE2	238		208
	I	DB0	239		209
	I	DB1	240		209
	I	DB2	241		209
	I	DB3	242		209
	I	DB4	243		209
	I	DB5	245		209
	I	DB6	248		209
	I	DB7	249		209
	I	ENZTABN	255		209
	GRD	GRD	020		209
	GRD	GRD	120		209
-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	(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	208
	GRD		015	(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	035		
	GRD	GRD	044		
	GRD	GRD	051		
	GRD	GRD	115	(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	118	(T) TO EXPORT NETWORK CLOCK (U,S) TO FIU	
	GRD	GRD	135		
	GRD	GRD	144		
	GRD	GRD	151		
	GRD	GRD	215		
	GRD	GRD	218		
	GRD	GRD	244		
	GRD	GRD	246		
	GRD	GRD	247		
	GRD	GRD	250		
	GRD	GRD	251		
	GRD	GRD	252		
	GRD	GRD	253		
	GRD	GRD	256		
LIN16	I	LIN	032	R,W,X (Y,Z) TO 2048 KBIT/S EQUIPMENT OR (R,W,X) TO CONN CKT	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
LIP16	I	L175	232	R,X	
	I	L1P	132		(Y,Z) TO 2048 KBIT/S EQUIPMENT (R,W,X) TO CONN CKT
LIP7516	I	L1P	132		
LON16	OT	LON	024	Y,Z	(Y,Z) 1/17 (Y,Z) TO 2048 KBIT/S EQUIPMENT (Y,Z) 1/17 (Y,Z) TO 2048 KBIT/S EQUIPMENT
LOP16	OT	LON120	224	Y,Z	
	0	LOP120	124		
LOP7516	0	LOP75	108		(R,W,X) TO CONN CKT
NET7	(V)PWR	+5B	207		
	(U)PWR	+5B			
	(Q)PWR	+5B			
	(P)PWR	+5B			
	I	VDD2	007		208
PWRA	(U)I	VDD1	107		208
SHD016	OT	PWRON	009		
	0	LONE	008	R,W,X	1/1 (W,X) TO CONN CKT
	0	LON75	208	R,X	(R,W,X) TO CONN CKT
STARTA	I	START	109		1/1 (U,S) TO ERSM FACILITY INTERFACE UNIT
0A16LINC	0	LINCLK0	117		
0A16TIST	(T)0	TIST0	017		(U,S) TO ERSM FACILITY INTERFACE UNIT
0B16PBIN	0	0PBIN	137		TO CONN CKT 207
0B16PBIP	0	0PBIP	037		TO CONN CKT 207
0B16PBON	I	0PBON	136		TO CONN CKT 207
0B16PBOP	I	0PBOP	036		TO CONN CKT 207
0B16MCP	I	04MCP	139		TO CONN CKT 207
0B168KSN	I	08KSN	138		TO CONN CKT 207
0B168KSP	I	08KSP	038		TO CONN CKT 207
0C16N	I	0CN	048		TO CONN CKT
0C16P	I	0CP	148		TO CONN CKT
0ID16N	0	0IDN	050		TO CONN CKT
0ID16P	0	0IDP	150		TO CONN CKT
0NINT16N	0	0NINTN	046		TO CONN CKT
0NINT16P	0	0NINTP	146		TO CONN CKT
0OD16N	I	0ODN	049		TO CONN CKT
0OD16P	I	0ODP	149		TO CONN CKT
0S16N	I	0SN	047		TO CONN CKT
0S16P	I	0SP	147		TO CONN CKT (U) TO ERSM FACILITY INTERFACE UNIT
1A16LINC	(U)0	LINCLK1	114		
1A16TIST	(T)0	TIST1	014		(U) TO ERSM FACILITY INTERFACE UNIT
1B16PBIN	0	1PBIN	141		TO CONN CKT 207
1B16PBIP	0	1PBIP	041		TO CONN CKT 207
1B16PBON	I	1PBON	140		TO CONN CKT 207

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
1B16PBOP	I	1PBOP	040		TO CONN CKT 207
1B16MCP	I	14MCP	143		TO CONN CKT 207
1B16MCP	I	14MCP	043		TO CONN CKT 207
1B168KSN	I	18KSN	142		TO CONN CKT 207
1B168KSP	I	18KSP	042		TO CONN CKT 207
1C16N	I	1CN	054		TO CONN CKT
1C16P	I	1CP	154		TO CONN CKT
1ID16N	0	1IDN	056		TO CONN CKT
1ID16P	0	1IDP	156		TO CONN CKT
1NINT16N	0	1NINTN	052		TO CONN CKT
1NINT16P	0	1NINTP	152		TO CONN CKT
1OD16N	I	1ODN	055		TO CONN CKT
1OD16P	I	1ODP	155		TO CONN CKT
1S16N	I	1SN	053		TO CONN CKT
1S16P	I	1SP	153		TO CONN CKT

PART OF FS 1
SYMBOL(S) 17

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DIGITAL LINE TRUNK UNIT - EXPORT		DWG SIZE C2
AT&T		ISSUE 4B
SD-5X204-01		B1CT

0 1 2 3 4 5 6 7 8 9

A
B
C
D
E
F
G
H

APP FIG. 1

WIRING AS PER FS 1

20.90

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DIGITAL LINE TRUNK UNIT - EXPORT		DWG SIZE 6S	ISSUE 2M
AT&T	SD-5X204-01	SHEET C1	

0 1 2 3 4 5 6 7 8 9

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(7) APP FIG. 7

CIRCUIT PACK		04-019		04-029		04-039		04-049		04-059		04-069		04-079		04-089		04-099		04-109		04-119		04-129		04-139		EQPT LOC	
DESIG	DFIE01	DESIG	DFIE02	DESIG	DFIE03	DESIG	DFIE04	DESIG	DFIE05	DESIG	DFIE06	DESIG	DFIE07	DESIG	DFIE08	DESIG	DFIE09	DESIG	DFIE10	DESIG	DFIE11	DESIG	DFIE12	DESIG	DFIE13	DESIG	DFIE14	DESIG	DFIE15
CODE	MCSX401A1B	CODE	MCSX401A1B	CODE	MCSX401A1B	CODE	MCSX401A1B	CODE	MCSX401A1B	CODE	MCSX401A1B	CODE	MCSX401A1B	CODE	MCSX401A1B	CODE	MCSX401A1B	CODE	MCSX401A1B	CODE	MCSX401A1B	CODE	MCSX401A1B	CODE	MCSX401A1B	CODE	MCSX401A1B	CODE	MCSX401A1B
OPTION	0	OPTION	0	OPTION	0	OPTION	0	OPTION	0	OPTION	0	OPTION	0	OPTION	0	OPTION	0	OPTION	0	OPTION	0	OPTION	0	OPTION	0	OPTION	0	OPTION	0
ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT
A		1/2		1/3		1/4		1/5		1/6		1/7		1/8		1/9		1/10		1/11		1/12		1/13		1/14		A	

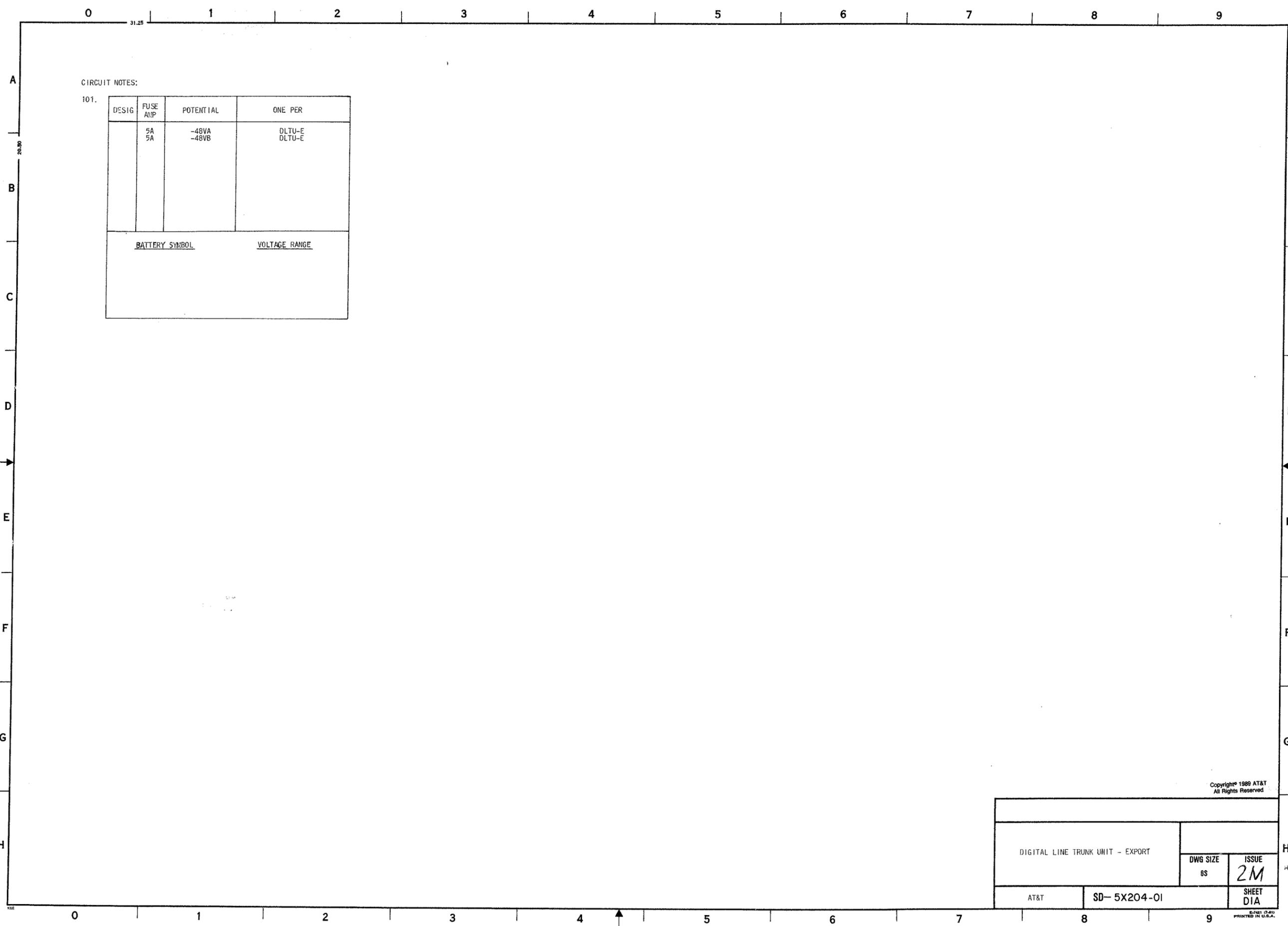
CIRCUIT PACK		04-149		04-159		04-169		EQPT LOC	
DESIG	DFIE14	DESIG	DFIE15	DESIG	DFIE16	DESIG	DFIE17	DESIG	DFIE18
CODE	MCSX401A1B	CODE	MCSX401A1B	CODE	MCSX401A1B	CODE	MCSX401A1B	CODE	MCSX401A1B
OPTION	0	OPTION	0	OPTION	0	OPTION	0	OPTION	0
ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT
A		1/15		1/16		1/17		A	

(8) APP FIG. 8

CIRCUIT PACK		04-019		04-029		04-039		04-049		04-059		04-069		04-079		04-089		04-099		04-109		04-119		04-129		04-139		EQPT LOC	
DESIG	DFIE01	DESIG	DFIE02	DESIG	DFIE03	DESIG	DFIE04	DESIG	DFIE05	DESIG	DFIE06	DESIG	DFIE07	DESIG	DFIE08	DESIG	DFIE09	DESIG	DFIE10	DESIG	DFIE11	DESIG	DFIE12	DESIG	DFIE13	DESIG	DFIE14	DESIG	DFIE15
CODE	MCSX000A1	CODE	MCSX000A1	CODE	MCSX000A1	CODE	MCSX000A1	CODE	MCSX000A1	CODE	MCSX000A1	CODE	MCSX000A1	CODE	MCSX000A1	CODE	MCSX000A1	CODE	MCSX000A1	CODE	MCSX000A1	CODE	MCSX000A1	CODE	MCSX000A1	CODE	MCSX000A1	CODE	MCSX000A1
OPTION	P	OPTION	P	OPTION	P	OPTION	P	OPTION	P	OPTION	P	OPTION	P	OPTION	P	OPTION	P	OPTION	P	OPTION	P	OPTION	P	OPTION	P	OPTION	P	OPTION	P
ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT
A		1/2		1/3		1/4		1/5		1/6		1/7		1/8		1/9		1/10		1/11		1/12		1/13		1/14		A	

CIRCUIT PACK		04-149		04-159		04-169		EQPT LOC	
DESIG	DFIE14	DESIG	DFIE15	DESIG	DFIE16	DESIG	DFIE17	DESIG	DFIE18
CODE	MCSX000A1	CODE	MCSX000A1	CODE	MCSX000A1	CODE	MCSX000A1	CODE	MCSX000A1
OPTION	P	OPTION	P	OPTION	P	OPTION	P	OPTION	P
ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT
A		1/15		1/16		1/17		A	

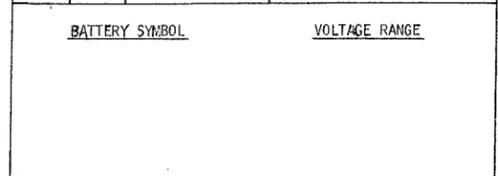
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DIGITAL LINE TRUNK UNIT - EXPORT		DWG SIZE C2
AT&T		ISSUE 4B
SD-5X204-01		C4



CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
	5A 5A	-48VA -48VB	DLTU-E DLTU-E



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DIGITAL LINE TRUNK UNIT - EXPORT		DWG SIZE 6S	ISSUE 2M
AT&T	SD- 5X204-01	SHEET D1A	

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EQUIPMENT NOTES:

- 201. UNLESS OTHERWISE SPECIFIED, ALL BACKPLANE WIRING WILL BE AUTOMATIC MACHINE WIRING (A-D4) 30 GAUGE, WHICH HAS BEEN PROCESSED BY THE MESWRAP PROGRAMS.
- 202. ALL PRINTED WIRING CONNECTIONS ARE SPECIFIED BY ED-5D203.
- 203. THE FOLLOWING WIRE TYPES SHALL BE USED AT THE BACKPLANE:
 - A. TWISTED PAIR PER KS-21337, L1 30 GA.
 - B. SHIELDED TWISTED PAIR PER
 - C. 75 OHM COAX PER KS-19224, L1
- 204. THE HORIZONTAL PART OF THE RUN FOR TWISTED PAIR CONNECTIONS TO I/O CONNECTORS J1 AND J2 SHOULD BE RUN ACROSS THE MIDDLE AND TOP OF THE BACKPLANE, RESPECTIVELY.
- 205. BACKPLANE STRAPS, INTRA-UNIT CABLES, AND INTER-UNIT CABLES ARE REQUIRED FOR THE DLTU-EXPORT. J5D003BA LIST NUMBERS AS FOLLOWS.

LIST NO	TYPE OF 2048KBIT/S INTERFACE	FOR ANN6, ANN7 OR ANN6B OR ANN36, ANN8 OR ANN9		FOR ANN7 ONLY ALSO USE CAD	FOR ANN8 ONLY ALSO USE CAD	FOR ANN9 ONLY ALSO USE CAD
		STRAPS PER CAD	CABLES PER CAD			
1	TWISTED PR, UNSHIELDED	011	002,003,004	007	008	007,009
2	TWISTED PR, WITH INPUT AND OUTPUT SHIELD GROUNDED AT DLTU-E BACKPLANE	011	002,003,005	007	008	007,009
3	75 OHM COAXIAL CABLE, INPUT SHIELD NOT GROUNDED	012	002,003,006	007	008	007,009
4	75 OHM COAXIAL CABLE, INPUT SHIELD GROUNDED	014	002,003,006	007	008	007,009
5	75Ω COAXIAL CABLE, INPUT AND OUTPUT SHIELD NOT GROUNDED	016	002,003,006	007	008	007,009

- 206. CODES FOR INPUT AND OUTPUT CABLES TO THE DLTU-E SHALL BE AS FOLLOWS:
 - A. PIDB CABLES IN CAD 2 SHALL RE BERK-TEK CODE BTF-9M26-3M4D.
 - B. PICB CABLES IN CAD 3 SHALL BE BERK-TEK CODE BTF-9M26-3M5D.
 - C. UNSHIELDED INDIVIDUAL TWISTED PAIR FOR THE 2048 KBIT/SEC INTERFACE IN CAD 4 SHALL BE IN ONE AT&T CODE 609B CABLE.
 - D. SHIELDED INDIVIDUAL TWISTED PAIR FOR THE 2048 KBIT/SEC INTERFACE IN CAD 5 SHALL BE IN TWO AT&T CODE 752A (6 PR) CABLES AND ONE AT&T CODE 758A (4 PR) CABLES FOR EASE OF HANDLING.
 - E. THE 75 OHM COAXIAL CABLE FOR CAD 006 SHALL BE KS-19224, L1.
 - F. THE RSM-FIU CABLES IN CAD 007 SHALL BE BERK-TEK CODE BTF-9M26-3M4D.
 - G. THE NETWORK CLOCK SYNCHRONIZATION CABLES IN CADS 008 AND 009 SHALL BE AT&T CODE 750A.
- 207. IF EQUIPPAGE FOR (Q) ANN6B OR (P) ANN36 DETERMINED BY TABLE IN NOTE 306, THEN CONNECTING CIRCUIT FOR PIDB'S SHALL BE "DATA INTERFACE (DI) SIDE 1".
- 208. THESE PIN ASSIGNMENTS ARE FOR (V) ANN6, (U) ANN7, (T) ANN8, (S) ANN9, (Q) ANN6B, (N) ANN9B, (M) ANN8B, AND (L) ANN7B ONLY.
- 209. THESE PIN ASSIGNMENTS ARE FOR (P) ANN36 ONLY.
- 210. (N) ANN9B, (M) ANN8B, (L) ANN7B HAVE AN OPERATIONAL VOLTAGE RANGE FROM -39.5V TO -60V.

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DIGITAL LINE TRUNK UNIT - EXPORT		DWG SIZE	ISSUE
AT&T		6S	4B
SD-5X204-01		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	APP OR WRG	QUANTITY
BACKPLANE AND WIRING	1		1 PER DLTU-E
POWER START			1 PER DLTU-E
DIGITAL FACILITY INTERFACE	2	Z	1 PER DLTU-E
		Y	
		X	
		W	
		R	
FOR EXPORT (ANN6)(ANN6S)	3-6	V,P	MINIMUM 1 PER DLTU-E MAXIMUM 16 PER DLTU-E (NOTE 305)
FOR REMOTE SWITCHING MODULE FOR EXPORT (ANN7)(ANN7B)		U,L	
FOR NETWORK CLOCK SYNCHRONIZATION FOR EXPORT (ANN8)(ANN8B)		T,M	
FOR NETWORK CLOCK SYNCHRONIZATION FOR EXPORT-RSM (ANN9)(ANN9B)		S,N	
FOR TIME SLOT SKEW ADJUSTMENT (ANN6B) (ANN36)	7,8	Q,P	NOTE 305 & 306

303. RECORD OF APP FIGURES, WIRING AND APPARATUS CHANGES

CHANGES ON ISSUE	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT		
				STD	A&M	MD
3B	Q	V				
	P					
				AVAIL		DA
4B SEE NOTE X						

NOTE X - PRIOR TO ISSUE 4B, COLUMNS HEADED "STD", "MD", ECT., CONVEYED APPLICATION INFORMATION. AT ISSUE 4B, COLUMNS HEADED "AVAIL" AND "DA" NOW INDICATE THE AVAILABILITY OF THE PRODUCT.

INFORMATION NOTES: (CONT)

304.

CIRCUIT PACK CODE OR MICROCODE	COMMON LANGUAGE EQUIPMENT IDENT CODE (CLEI)
MC5X401A1 (ANN6)	E5DT001AXX
MC5X402A1 (ANN7)	E5DTA00AXX
MC5X402A1B (ANN7B)	E5MC99BAAA
MC5X403A1 (ANN8)	E5MQ61AAXX
MC5X403A1B (ANN8B)	E5MQ99CAAA
MC5X404A1 (ANN9)	E5MQ61DAXX
MC5X404A1B (ANN9B)	E5MQ99DAAA
SN346	E5PQ0BEAXX
MC5X401A1B (ANN6B)	E5MQABEAXX
MC5X000A1 (ANN36)	E5MQ41KAXX

305. APPARATUS FIGURE 3 AND 4 IDENTIFY THE GROWTH SEQUENCE.
V ANN6 OR U ANN7 OR Q ANN6B OR P ANN36 OR L ANN7B MAY BE EQUIPPED IN ANY OF THE FOLLOWING SHELF POSITIONS.

APPARATUS FIGURE	EQUIPMENT LOCATION
3, 4, 7, 8	04-019
	04-029
	04-039
	04-049
	04-059
	04-069
	04-079
	04-089
	04-099
	04-109
	04-119
	04-129
	04-139
	04-149
04-159	
04-169	

T ANN8 OR S ANN9 OR M ANN8B OR N ANN9B MAY BE EQUIPPED ONLY IN THE FOLLOWING POSITIONS:

APPARATUS FIGURE	EQUIPMENT LOCATION
5, 6	04-019
5, 6	04-029
5, 6	04-039
5, 6	04-049

306. QUANTITIES OF Q ANN6B OR P ANN36 ARE DEPENDENT UPON THE NUMBER OF ACTIVE PROTOCOL HANDLERS (PH) AND IF THE ANN6B'S OR ANN36'S ARE TO BE CONFIGURED IN 30-CH OR 31-CH MODES AS SHOWN IN THE TABLE BELOW:

ACTIVE PH'S	30-CH	31-CH
1	0	1
2	1	2
3	1	3
4	2	4
5	2	5

P ANN36 MAY ALSO BE SUBSTITUTED FOR Q ANN6B OR V ANN6, BUT NOT VICEVERSA.

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DIGITAL LINE TRUNK UNIT - EXPORT		DWG SIZE 8S	ISSUE 4B
AT&T	SD-5X204-01	SHEET D3A	

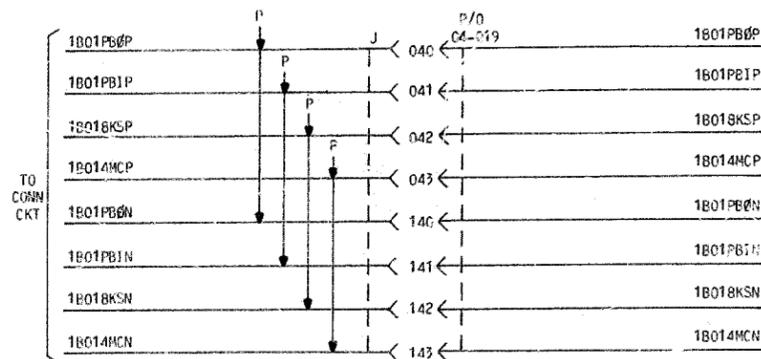
NOTES:

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

CAD 002

PERIPHERAL INTERFACE DATA BUS (NOTES 205,207)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				04-019	JACK/CP				
TO CONN CKT	1B01PB0P		P000	040	1B01PB0P				
	1B01PB1P		P001	041	1B01PB1P				
	1B01BKSP		P002	042	1B01BKSP				
	1B014MCP		P003	043	1B014MCP				
	1B01PB0N		P000	140	1B01PB0N				
	1B01PB1N		P001	141	1B01PB1N				
	1B01BKSN		P002	142	1B01BKSN				
	1B014MCN		P003	143	1B014MCN				

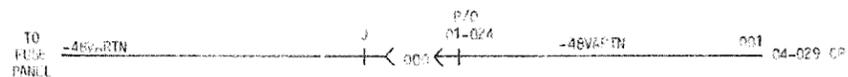


2. THE FOLLOWING SHOWS THE SYMBOLIC EQUIVALENT OF THE TABULAR PRESENTATION.

CAD 010

POWER AND GROUND ACCESS

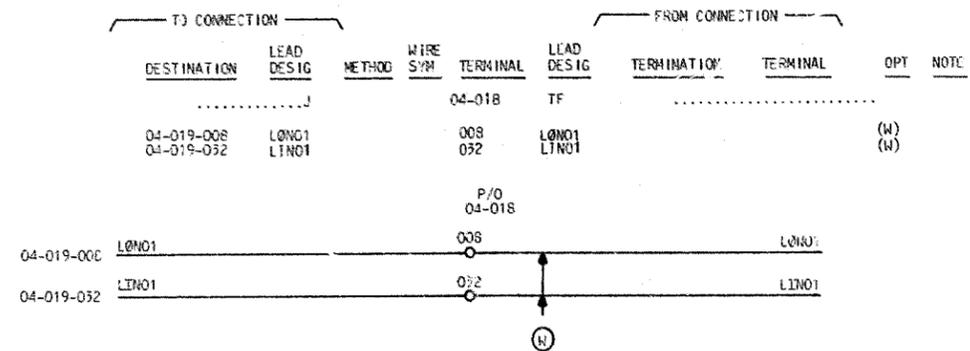
TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				01-024	LUG				
TO FUSE PANEL	-48VARTN		000	000	-48VARTN	04-029	CP	001	



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

CAD 014

BACKPLANE STRAPS FOR LIST 4 (NOTE 205)



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DIGITAL LINE TRUNK UNIT - EXPORT		DWG SIZE	ISSUE
		8S	3B
AT&T	SD-5X204-01	SHEET	
		GB1	

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CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER						ELEMENT IDENTIFIER (CONT)						ELEMENT IDENTIFIER (CONT)						ELEMENT IDENTIFIER (CONT)					
A						A						A						A					
PERIPHERAL INTERFACE						PERIPHERAL INTERFACE						PERIPHERAL INTERFACE						PERIPHERAL INTERFACE					
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
\$LIN01		06-000-27				GRD04089	I	04-089-018	04-089-018	1/9	(S,U)	LIN10		06-115-032				LIP7509	I	06-105-133	04-099-132	1/10	R,W,X
\$LIN02		06-000-5				GRD04089	I	04-089-115	04-089-018	1/9	(S,U)	LIN10		06-000-40				LIP7510	I	06-115-133	04-109-132	1/11	R,W,X
\$LIN03		06-000-5				GRD04089	G	04-099-015	04-099-115	1/10	(S,U)	LIN11		06-000-41				LIP7511	I	06-125-133	04-119-132	1/12	R,W,X
\$LIN04		06-000-30				GRD04099	G	04-099-018	04-099-115	1/10	(S,U)	LIN11		06-125-032				LIP7512	I	06-135-133	04-129-132	1/13	R,W,X
\$LIN05		06-000-8				GRD04099	G	04-099-115	04-099-115	1/10	(S,U)	LIN11		06-000-41				LIP7513	I	06-145-133	04-139-132	1/14	R,W,X
\$LIN06		06-000-33				GRD04099	G	04-099-118	04-099-115	1/10	(S,U)	LIN12		06-000-43				LIP7514	I	06-155-133	04-149-132	1/15	R,W,X
\$LIN07		06-000-11				GRD04109	G	04-109-015	04-109-115	1/11	(S,U)	LIN12		06-135-032				LIP7515	I	06-165-133	04-159-132	1/16	R,W,X
\$LIN08		06-000-36				GRD04109	G	04-109-118	04-109-115	1/11	(S,U)	LIN12		06-000-43				LIP7516	I	06-175-133	04-169-132	1/17	R,W,X
\$LIN09		06-000-14				GRD04109	G	04-109-118	04-109-115	1/11	(S,U)	LIN15		06-000-44				LON01		02-000-26			
\$LIN10		06-000-39				GRD04109	G	04-109-015	04-109-115	1/11	(S,U)	LIN13		06-145-032				LON01		02-000-26			
\$LIN11		06-000-17				GRD04109	G	04-109-018	04-109-115	1/11	(S,U)	LIN13		06-000-44				LON02		02-000-28			
\$LIN12		06-000-42				GRD04109	G	04-109-115	04-109-115	1/11	(S,U)	LIN14		06-000-46				LON02		02-000-28			
\$LIN13		06-000-20				GRD04119	G	04-119-015	04-119-115	1/12	(S,U)	LIN14		06-155-032				LON03		02-000-29			
\$LIN14		06-000-45				GRD04119	G	04-119-118	04-119-115	1/12	(S,U)	LIN14		06-000-46				LON03		02-000-29			
\$LIN15		06-000-23				GRD04119	G	04-119-018	04-119-115	1/12	(S,U)	LIN15		06-000-47				LON04		02-000-31			
\$LON01		02-000-2				GRD04129	G	04-129-015	04-129-115	1/13	(S,U)	LIN15		06-165-032				LON05		02-000-32			
\$LON02		02-000-27				GRD04129	G	04-129-115	04-129-115	1/13	(S,U)	LIN16		06-000-47				LON05		02-000-32			
\$LON03		02-000-5				GRD04129	G	04-129-118	04-129-115	1/13	(S,U)	LIN16		06-000-49				LON06		02-000-34			
\$LON04		02-000-30				GRD04139	G	04-139-015	04-139-115	1/14	(S,U)	LIN16		06-175-032				LON06		02-000-34			
\$LON05		02-000-8				GRD04139	G	04-139-018	04-139-115	1/14	(S,U)	LIP01	I	06-000-1	04-019-132	1/2		LON07		02-000-35			
\$LON06		02-000-33				GRD04139	G	04-139-115	04-139-115	1/14	(S,U)	LIP01	I	06-000-1	04-019-132	1/2		LON07		02-000-35			
\$LON07		02-000-11				GRD04149	I	04-149-018	04-149-115	1/15	(S,U)	LIP02	I	06-000-3	04-029-132	1/3		LON08		02-000-37			
\$LON08		02-000-36				GRD04149	I	04-149-018	04-149-115	1/15	(S,U)	LIP02	I	06-000-3	04-029-132	1/3		LON08		02-000-37			
\$LON09		02-000-14				GRD04149	I	04-149-115	04-149-115	1/15	(S,U)	LIP03	I	06-000-4	04-039-132	1/4		LON09		02-000-38			
\$LON10		02-000-39				GRD04149	I	04-149-118	04-149-115	1/15	(S,U)	LIP03	I	06-000-4	04-039-132	1/4		LON09		02-000-38			
\$LON11		02-000-17				GRD04159	G	04-159-015	04-159-115	1/16	(S,U)	LIP04	I	06-000-6	04-049-132	1/5		LON10		02-000-40			
\$LON12		02-000-42				GRD04159	G	04-159-115	04-159-115	1/16	(S,U)	LIP04	I	06-000-6	04-049-132	1/5		LON11		02-000-41			
\$LON13		02-000-20				GRD04159	G	04-159-118	04-159-115	1/16	(S,U)	LIP05	I	06-000-7	04-059-132	1/6		LON11		02-000-41			
\$LON14		02-000-45				GRD04159	G	04-159-118	04-159-115	1/16	(S,U)	LIP05	I	06-000-7	04-059-132	1/6		LON12		02-000-43			
\$LON15		02-000-23				GRD04169	I	02-180-011	04-169-018	1/17	(S,U)	LIP06	I	06-000-9	04-069-132	1/7		LON12		02-000-43			
\$LON16		02-000-48				GRD04169	I	04-169-015	04-169-018	1/17	(S,U)	LIP06	I	06-000-9	04-069-132	1/7		LON13		02-000-44			
-48VA	P	02-015-000	04-010-000	1/1		GRD04169	I	04-169-018	04-169-018	1/17	(S,U)	LIP07	I	06-000-10	04-079-132	1/8		LON14		02-000-46			
-48VARTN	G	02-025-000	04-010-101	1/1		GRD04169	I	04-169-015	04-169-018	1/17	(S,U)	LIP07	I	06-000-10	04-079-132	1/8		LON14		02-000-46			
-48VB	P	02-175-001	04-010-002	1/1		GRD04169	I	04-169-018	04-169-018	1/17	(S,U)	LIP08	I	06-000-12	04-089-132	1/9		LON15		02-000-47			
-48VBRTN	G	02-180-001	04-010-103	1/1		GRD04169	I	04-169-115	04-169-018	1/17	(S,U)	LIP08	I	06-000-12	04-089-132	1/9		LON15		02-000-47			
GRD04019	G	04-019-015	04-019-115	1/2	(S,U)	LIN01		06-000-26				LIP09	I	06-000-13	04-099-132	1/10		LON16		02-000-49			
GRD04019	G	04-019-018	04-019-115	1/2	(S,U)	LIN01		06-000-26				LIP09	I	06-000-13	04-099-132	1/10		LON16		02-000-49			
GRD04019	G	04-019-115	04-019-115	1/2	(S,U)	LIN02		06-000-28				LIP10	I	06-000-15	04-109-132	1/11		LON16		02-000-49			
GRD04019	G	04-019-118	04-019-115	1/2	(S,U)	LIN02		06-000-28				LIP11	I	06-000-16	04-119-132	1/12		LON17		02-000-51			
GRD04029	G	04-029-015	04-029-115	1/3	(S,U)	LIN02		06-000-28				LIP11	I	06-000-16	04-119-132	1/12		LON17		02-000-51			
GRD04029	G	04-029-018	04-029-115	1/3	(S,U)	LIN03		06-000-29				LIP12	I	06-000-18	04-129-132	1/13		LON18		02-000-53			
GRD04029	G	04-029-115	04-029-115	1/3	(S,U)	LIN03		06-000-29				LIP12	I	06-000-18	04-129-132	1/13		LON18		02-000-53			
GRD04029	G	04-029-118	04-029-115	1/3	(S,U)	LIN03		06-000-29				LIP13	I	06-000-19	04-139-132	1/14		LON19		02-000-55			
GRD04039	I	04-039-015	04-039-018	1/4	(S,U)	LIN03		06-000-29				LIP13	I	06-000-19	04-139-132	1/14		LON19		02-000-55			
GRD04039	I	04-039-018	04-039-018	1/4	(S,U)	LIN04		06-000-31				LIP14	I	06-000-21	04-149-132	1/15		LON20		02-000-57			
GRD04039	I	04-039-115	04-039-018	1/4	(S,U)	LIN04		06-000-31				LIP14	I	06-000-21	04-149-132	1/15		LON20		02-000-57			
GRD04039	I	04-039-118	04-039-018	1/4	(S,U)	LIN04		06-000-31				LIP15	I	06-000-22	04-159-132	1/16		LON21		02-000-59			
GRD04049	G	04-049-015	04-049-115	1/5	(S,U)	LIN05		06-000-32				LIP15	I	06-000-22	04-159-132	1/16		LON21		02-000-59			
GRD04049	G	04-049-018	04-049-115	1/5	(S,U)	LIN05		06-000-32				LIP16	I	06-000-24	04-169-132	1/17		LON22		02-000-61			
GRD04049	G	04-049-115	04-049-115	1/5	(S,U)	LIN06		06-000-34				LIP16	I	06-000-24	04-169-132	1/17		LON22		02-000-61			
GRD04049	G	04-049-118	04-049-115	1/5	(S,U)	LIN06		06-000-34				LIP7501	I	06-000-24	04-019-132	1/2	R,W,X						
GRD04059	G	04-059-015	04-059-115	1/6	(S,U)	LIN06		06-000-34				LIP7501	I	06-000-24	04-019-132	1/2	R,W,X						
GRD04059	G	04-059-018	04-059-115	1/6	(S,U)	LIN07		06-000-35				LIP7502	I	06-035-133	04-029-132	1/3	J4						
GRD04059	G	04-059-115	04-059-115	1/6	(S,U)	LIN07		06-000-35				LIP7502	I	06-035-133	04-029-132	1/3	R,W,X						
GRD04059	G	04-059-118	04-059-115	1/6	(S,U)	LIN07		06-000-35				LIP7503	I	06-045-133	04-039-132	1/4	J8						
GRD04069	I	04-069-015	04-069-018	1/7	(S,U)	LIN08		06-000-37				LIP7503	I	06-045-133	04-039-132	1/4	R,W,X						
GRD04069	I	04-069-018	04-069-018	1/7	(S,U)	LIN08		06-000-37				LIP7504	I	06-055-133	04-049-132	1/5	J10						
GRD04069	I	04-069-115	04-069-018	1/7	(S,U)	LIN08		06-000-37				LIP7504	I	06-055-133	04-049-132	1/5	R,W,X						
GRD04069	I	04-069-118	04-069-018	1/7	(S,U)	LIN09		06-000-38				LIP7505	I	06-065-133	04-059-132	1/6	J12						
GRD04079	G	04-079-015	04-079-115	1/8	(S,U)	LIN09		06-000-38				LIP7505	I	06-065-133	04-059-132	1/6	R,W,X						
GRD04079	G	04-079-018	04-079-115	1/8	(S,U)																		

CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER (CONT)						ELEMENT IDENTIFIER (CONT)						ELEMENT IDENTIFIER (CONT)						ELEMENT IDENTIFIER (CONT)										
A						A						A						A										
PERIPHERAL INTERFACE						PERIPHERAL INTERFACE						PERIPHERAL INTERFACE						PERIPHERAL INTERFACE										
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE					
LOP05	0	02-000-7	04-059-124	1/6		SHD015	0	02-165-007	04-169-008	1/17	R,W,X	OB04BKSP	I	04-049-038	04-049-038	1/5		OB12BKSP	I	04-129-038	04-129-038	1/13						
LOP06	0	02-000-9	04-069-124	1/7		SHD016	0	02-175-007	04-169-008	1/17	R,W,X	OB05PBIN	O	04-059-137	04-059-137	1/6		OB13PBIN	O	04-139-137	04-139-137	1/14						
LOP07	0	02-000-10	04-079-124	1/8		OA1LINCL	O	04-019-117	04-019-117	1/2	(S,U)	OB05PBIP	O	04-059-037	04-059-037	1/6		OB13PBIP	O	04-139-037	04-139-037	1/14						
LOP08	0	02-000-12	04-089-124	1/9		OA11TIST	O	04-019-017	04-019-017	1/2	(S,U)	OB05PBON	I	04-059-136	04-059-136	1/6		OB13PBON	I	04-139-136	04-139-136	1/14						
LOP09	0	02-000-13	04-099-124	1/10		OA10LINC	O	04-109-117	04-109-117	1/11	(S,U)	OB054MCP	I	04-059-036	04-059-036	1/6		OB13PBOP	I	04-139-036	04-139-036	1/14						
LOP10	0	02-000-15	04-109-124	1/11		OA10TIST	O	04-109-017	04-109-017	1/11	(S,U)	OB054MCP	I	04-059-039	04-059-039	1/6		OB134MCP	I	04-139-039	04-139-039	1/14						
LOP11	0	02-000-16	04-119-124	1/12		OA11LINC	O	04-119-117	04-119-117	1/12	(S,U)	OB058KSN	I	04-059-138	04-059-138	1/6		OB138KSN	I	04-139-138	04-139-138	1/14						
LOP12	0	02-000-18	04-129-124	1/13		OA11TIST	O	04-119-017	04-119-017	1/12	(S,U)	OB058KSP	I	04-059-038	04-059-038	1/6		OB138KSP	I	04-139-038	04-139-038	1/14						
LOP13	0	02-000-19	04-139-124	1/14		OA12LINC	O	04-129-117	04-129-117	1/13	(S,U)	OB06PBIN	O	04-069-137	04-069-137	1/7		OB14PBIN	O	04-149-137	04-149-137	1/15						
LOP14	0	02-000-21	04-149-124	1/15		OA13TIST	O	04-139-017	04-139-017	1/14	(S,U)	OB06PBOP	O	04-069-037	04-069-037	1/7		OB14PBIP	O	04-149-037	04-149-037	1/15						
LOP15	0	02-000-22	04-159-124	1/16		OA14LINC	O	04-149-117	04-149-117	1/15	(S,U)	OB06PBON	I	04-069-136	04-069-136	1/7		OB14PBON	I	04-149-136	04-149-136	1/15						
LOP16	0	02-000-24	04-169-124	1/17		OA14TIST	O	04-149-017	04-149-017	1/15	(S,U)	OB064MCP	I	04-069-139	04-069-139	1/7		OB144MCP	I	04-149-139	04-149-139	1/15						
LOP7501	0	02-025-108	04-019-108	1/2	R,W,X	OA15LINC	O	04-159-117	04-159-117	1/16	(S,U)	OB064MCP	I	04-069-039	04-069-039	1/7		OB144MCP	I	04-149-039	04-149-039	1/15						
LOP7502	0	02-035-108	04-029-108	1/3	J3	OA16LINC	O	04-169-117	04-169-117	1/17	(S,U)	OB068KSN	I	04-069-138	04-069-138	1/7		OB148KSN	I	04-149-138	04-149-138	1/15						
LOP7503	0	02-045-108	04-039-108	1/4	J5	OA16TIST	O	04-169-017	04-169-017	1/17	(S,U)	OB07PBIN	O	04-079-137	04-079-137	1/8		OB148KSP	I	04-149-038	04-149-038	1/15						
LOP7504	0	02-055-108	04-049-108	1/5	J7	OA2LINCL	O	04-029-117	04-029-117	1/3	(S,U)	OB07PBIP	O	04-079-037	04-079-037	1/8		OB15PBIN	O	04-159-137	04-159-137	1/16						
LOP7505	0	02-065-108	04-059-108	1/6	J9	OA2TIST	O	04-029-017	04-029-017	1/3	(S,U)	OB07PBON	I	04-079-136	04-079-136	1/8		OB15PBIP	I	04-159-037	04-159-037	1/16						
LOP7506	0	02-075-108	04-069-108	1/7	J11	OA3LINCL	O	04-039-117	04-039-117	1/4	(S,U)	OB07PBOP	I	04-079-036	04-079-036	1/8		OB15PBON	I	04-159-136	04-159-136	1/16						
LOP7507	0	02-085-108	04-079-108	1/8	J13	OA3TIST	O	04-039-017	04-039-017	1/4	(S,U)	OB074MCP	I	04-079-139	04-079-139	1/8		OB154MCP	I	04-159-139	04-159-139	1/16						
LOP7508	0	02-095-108	04-089-108	1/9	J15	OA4LINCL	O	04-049-117	04-049-117	1/5	(S,U)	OB078KSN	I	04-079-138	04-079-138	1/8		OB154MCP	I	04-159-039	04-159-039	1/16						
LOP7509	0	02-105-108	04-099-108	1/10	J17	OA4TIST	O	04-049-017	04-049-017	1/5	(S,U)	OB078KSP	I	04-079-038	04-079-038	1/8		OB158KSN	I	04-159-138	04-159-138	1/16						
LOP7510	0	02-115-108	04-109-108	1/11	J19	OA6TIST	O	04-069-017	04-069-017	1/7	(S,U)	OB08PBIN	O	04-089-137	04-089-137	1/9		OB16PBIN	O	04-169-137	04-169-137	1/17						
LOP7511	0	02-125-108	04-119-108	1/12	J21	OA7LINCL	O	04-079-117	04-079-117	1/8	(S,U)	OB08PBIP	O	04-089-037	04-089-037	1/9		OB16PBIP	O	04-169-037	04-169-037	1/17						
LOP7512	0	02-135-108	04-129-108	1/13	J23	OA7TIST	O	04-079-017	04-079-017	1/8	(S,U)	OB08PBON	I	04-089-136	04-089-136	1/9		OB16PBON	O	04-169-037	04-169-037	1/17						
LOP7513	0	02-145-108	04-139-108	1/14	J25	OA8LINCL	O	04-089-117	04-089-117	1/9	(S,U)	OB084MCP	I	04-089-139	04-089-139	1/9		OB164MCP	I	04-169-136	04-169-136	1/17						
LOP7514	0	02-155-108	04-149-108	1/15	J27	OA8TIST	O	04-089-017	04-089-017	1/9	(S,U)	OB084MCP	I	04-089-039	04-089-039	1/9		OB164MCP	I	04-169-039	04-169-039	1/17						
LOP7515	0	02-165-108	04-159-108	1/16	J29	OA9LINCL	O	04-099-117	04-099-117	1/10	(S,U)	OB088KSN	I	04-089-138	04-089-138	1/9		OB168KSN	I	04-169-138	04-169-138	1/17						
LOP7516	0	02-175-108	04-169-108	1/17	J31	OA9TIST	O	04-099-017	04-099-017	1/10	(S,U)	OB088KSP	I	04-089-038	04-089-038	1/9		OB168KSP	I	04-169-038	04-169-038	1/17						
SHD001	02-025-007				R,W,X	OB01PBIN	O	04-019-137	04-019-137	1/2		OB09PBIN	O	04-099-037	04-099-037	1/10		OC01N	I	04-019-048	04-019-048	1/2						
SHD002	02-035-007				R,W,X	OB01PBIP	O	04-019-037	04-019-037	1/2		OB09PBON	I	04-099-136	04-099-136	1/10		OC01P	I	04-019-148	04-019-148	1/2						
SHD003	02-045-007	04-039-008	1/4		R,W,X	OB01PBON	I	04-019-036	04-019-036	1/2		OB09PBOP	I	04-099-036	04-099-036	1/10		OC02N	I	04-029-048	04-029-048	1/3						
SHD004	02-055-007				R,W,X	OB014MCP	I	04-019-139	04-019-139	1/2		OB094MCP	I	04-099-139	04-099-139	1/10		OC03N	I	04-039-048	04-039-048	1/4						
SHD005	02-065-007				R,W,X	OB018KSN	I	04-019-138	04-019-138	1/2		OB094MCP	I	04-099-039	04-099-039	1/10		OC03P	I	04-039-148	04-039-148	1/4						
SHD006	02-075-007	04-069-008	1/7		R,W,X	OB018KSP	I	04-019-038	04-019-038	1/2		OB098KSN	I	04-099-138	04-099-138	1/10		OC04N	I	04-049-048	04-049-048	1/5						
SHD007	02-085-007				R,W,X	OB02PBIN	O	04-029-137	04-029-137	1/3		OB098KSP	I	04-099-038	04-099-038	1/10		OC04P	I	04-049-148	04-049-148	1/5						
SHD008	02-095-007	04-089-008	1/9		R,W,X	OB02PBIP	O	04-029-037	04-029-037	1/3		OB10PBIN	O	04-109-137	04-109-137	1/11		OC05N	I	04-059-048	04-059-048	1/6						
SHD009	02-105-007				R,W,X	OB02PBON	I	04-029-136	04-029-136	1/3		OB10PBIP	O	04-109-037	04-109-037	1/11		OC06N	I	04-069-048	04-069-048	1/7						
SHD010	02-115-007				R,W,X	OB024MCP	I	04-029-036	04-029-036	1/3		OB104MCP	I	04-109-139	04-109-139	1/11		OC06P	I	04-069-148	04-069-148	1/7						
SHD011	02-125-007				R,W,X	OB024MCP	I	04-029-139	04-029-139	1/3		OB104MCP	I	04-109-039	04-109-039	1/11		OC07N	I	04-079-048	04-079-048	1/8						
SHD012	02-135-007				R,W,X	OB028KSN	I	04-029-138	04-029-138	1/3		OB108KSN	I	04-109-138	04-109-138	1/11		OC07P	I	04-079-148	04-079-148	1/8						
SHD013	02-145-007				R,W,X	OB028KSP	I	04-029-038	04-029-038	1/3		OB108KSP	I	04-109-038	04-109-038	1/11		OC08N	I	04-089-048	04-089-048	1/9						
SHD014	02-155-007	04-149-008	1/15		R,W,X	OB03PBIN	O	04-039-137	04-039-137	1/4		OB11PBIN	O	04-119-137	04-119-137	1/12		OC08P	I	04-089-148	04-089-148	1/9						
						OB03PBIP	O	04-039-037	04-039-037	1/4		OB11PBIP	O	04-119-037	04-119-037	1/12		OC09N	I	04-099-048	04-099-048	1/10						
						OB03PBON	I	04-039-136	04-039-136	1/4		OB11PBON	I	04-119-136	04-119-136	1/12		OC09P	I	04-099-148	04-099-148	1/10						
						OB034MCP	I	04-039-036	04-039-036	1/4		OB114MCP	I	04-119-139	04-119-139	1/12		OC10N	I	04-109-048	04-109-048	1/11						
						OB038KSN	I	04-039-138	04-039-138	1/4		OB114MCP	I	04-119-039	04-119-039	1/12		OC10P	I	04-109-148	04-109-148	1/						

CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER (CONT)					ELEMENT IDENTIFIER (CONT)					ELEMENT IDENTIFIER (CONT)					ELEMENT IDENTIFIER (CONT)								
A					A					A					A								
PERIPHERAL INTERFACE					PERIPHERAL INTERFACE					PERIPHERAL INTERFACE					PERIPHERAL INTERFACE								
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
OC13N	I	04-139-048	04-139-048	1/14		ONINT13P	O	04-139-146	04-139-146	1/14		OS13P	I	04-139-147	04-139-147	1/14		1B03PBON	I	04-039-140	04-039-140	1/4	
OC13P	I	04-139-148	04-139-148	1/14		ONINT14N	O	04-149-046	04-149-046	1/15		OS14N	I	04-149-047	04-149-047	1/15		1B03PBOP	I	04-039-040	04-039-040	1/4	
OC14N	I	04-149-048	04-149-048	1/15		ONINT14P	O	04-149-146	04-149-146	1/15		OS14P	I	04-149-147	04-149-147	1/15		1B034MCN	I	04-039-143	04-039-143	1/4	
OC14P	I	04-149-148	04-149-148	1/15		ONINT15N	O	04-159-046	04-159-046	1/16		OS15N	I	04-159-047	04-159-047	1/16		1B034MCP	I	04-039-043	04-039-043	1/4	
OC15N	I	04-159-048	04-159-048	1/16		ONINT15P	O	04-159-146	04-159-146	1/16		OS15P	I	04-159-147	04-159-147	1/16		1B038KSN	I	04-039-142	04-039-142	1/4	
OC15P	I	04-159-148	04-159-148	1/16		ONINT16N	O	04-169-046	04-169-046	1/17		OS16N	I	04-169-047	04-169-047	1/17		1B038KSP	I	04-039-042	04-039-042	1/4	
OC16N	I	04-169-048	04-169-048	1/17		ONINT16P	O	04-169-146	04-169-146	1/17		OS16P	I	04-169-147	04-169-147	1/17		1B04PBIN	O	04-049-141	04-049-141	1/5	
OC16P	I	04-169-148	04-169-148	1/17		ODD01N	I	04-019-049	04-019-049	1/2		OXN1PCM	O	04-019-016	04-019-016	1/2	(T)	1B04PBIP	O	04-049-041	04-049-041	1/5	
O1D01N	O	04-019-050	04-019-050	1/2		ODD01P	I	04-019-149	04-019-149	1/2		OXN2PCM	O	04-029-016	04-029-016	1/3	(T)	1B04PBDP	I	04-049-040	04-049-040	1/5	
O1D01P	O	04-019-150	04-019-150	1/2		ODD02N	I	04-029-049	04-029-049	1/3		OXN3PCM	O	04-039-016	04-039-016	1/4	(T)	1B044MCN	I	04-049-143	04-049-143	1/5	
O1D02N	O	04-029-050	04-029-050	1/3		ODD03N	I	04-039-049	04-039-049	1/4		OXN4PCM	O	04-049-016	04-049-016	1/5	(T)	1B044MCP	I	04-049-043	04-049-043	1/5	
O1D02P	O	04-029-150	04-029-150	1/3		ODD03P	I	04-039-149	04-039-149	1/4		OXN5PCM	O	04-049-116	04-049-116	1/2	(T)	1B048KSN	I	04-049-142	04-049-142	1/5	
O1D03N	O	04-039-050	04-039-050	1/4		ODD04N	I	04-049-049	04-049-049	1/5		OXN6PCM	O	04-049-116	04-049-116	1/5	(T)	1B048KSP	I	04-049-042	04-049-042	1/5	
O1D03P	O	04-039-150	04-039-150	1/4		ODD04P	I	04-049-149	04-049-149	1/5		OXN7PCM	O	04-049-116	04-049-116	1/5	(T)	1B05PBIN	O	04-059-141	04-059-141	1/6	
O1D04N	O	04-049-050	04-049-050	1/5		ODD05N	I	04-059-049	04-059-049	1/6		OXN8PCM	O	04-049-116	04-049-116	1/5	(T)	1B05PBIP	O	04-059-041	04-059-041	1/6	
O1D04P	O	04-049-150	04-049-150	1/5		ODD06N	I	04-069-049	04-069-049	1/7		1A11LINC	O	04-019-114	04-019-114	1/2	(S,U)	1B05PBON	I	04-059-140	04-059-140	1/6	
O1D05N	O	04-059-050	04-059-050	1/6		ODD06P	I	04-069-149	04-069-149	1/7		1A11TIST	O	04-019-014	04-019-014	1/2	(S,U)	1B05PBOP	I	04-059-040	04-059-040	1/6	
O1D05P	O	04-059-150	04-059-150	1/6		ODD07N	I	04-079-049	04-079-049	1/8		1A10LINC	O	04-109-114	04-109-114	1/11	(S,U)	1B054MCN	I	04-059-143	04-059-143	1/6	
O1D06N	O	04-069-050	04-069-050	1/7		ODD07P	I	04-079-149	04-079-149	1/8		1A10TIST	O	04-109-014	04-109-014	1/11	(S,U)	1B054MCP	I	04-059-043	04-059-043	1/6	
O1D06P	O	04-069-150	04-069-150	1/7		ODD08N	I	04-089-049	04-089-049	1/9		1A11LINC	O	04-119-114	04-119-114	1/12	(S,U)	1B058KSN	I	04-059-142	04-059-142	1/6	
O1D07N	O	04-079-050	04-079-050	1/8		ODD08P	I	04-089-149	04-089-149	1/9		1A11TIST	O	04-119-014	04-119-014	1/12	(S,U)	1B058KSP	I	04-059-042	04-059-042	1/6	
O1D07P	O	04-079-150	04-079-150	1/8		ODD09N	I	04-099-049	04-099-049	1/10		1A12LINC	O	04-129-114	04-129-114	1/13	(S,U)	1B06PBIN	O	04-069-141	04-069-141	1/7	
O1D08N	O	04-089-050	04-089-050	1/9		ODD09P	I	04-099-149	04-099-149	1/10		1A12TIST	O	04-129-014	04-129-014	1/13	(S,U)	1B06PBIP	O	04-069-041	04-069-041	1/7	
O1D08P	O	04-089-150	04-089-150	1/9		ODD10N	I	04-109-049	04-109-049	1/11		1A13LINC	O	04-139-114	04-139-114	1/14	(S,U)	1B06PBDP	I	04-069-040	04-069-040	1/7	
O1D09N	O	04-099-050	04-099-050	1/10		ODD10P	I	04-109-149	04-109-149	1/11		1A13TIST	O	04-139-014	04-139-014	1/14	(S,U)	1B064MCN	I	04-069-143	04-069-143	1/7	
O1D09P	O	04-099-150	04-099-150	1/10		ODD11N	I	04-119-049	04-119-049	1/12		1A14LINC	O	04-149-114	04-149-114	1/15	(S,U)	1B064MCP	I	04-069-043	04-069-043	1/7	
O1D10N	O	04-109-050	04-109-050	1/11		ODD11P	I	04-119-149	04-119-149	1/12		1A14TIST	O	04-149-014	04-149-014	1/15	(S,U)	1B068KSN	I	04-069-142	04-069-142	1/7	
O1D10P	O	04-109-150	04-109-150	1/11		ODD12N	I	04-129-049	04-129-049	1/13		1A15LINC	O	04-159-114	04-159-114	1/16	(S,U)	1B068KSP	I	04-069-042	04-069-042	1/7	
O1D11N	O	04-119-050	04-119-050	1/12		ODD12P	I	04-129-149	04-129-149	1/13		1A15TIST	O	04-159-014	04-159-014	1/16	(S,U)	1B07PBIN	O	04-079-141	04-079-141	1/8	
O1D11P	O	04-119-150	04-119-150	1/12		ODD13N	I	04-139-049	04-139-049	1/14		1A16LINC	O	04-169-114	04-169-114	1/17	(S,U)	1B07PBIP	O	04-079-041	04-079-041	1/8	
O1D12N	O	04-129-050	04-129-050	1/13		ODD13P	I	04-139-149	04-139-149	1/14		1A16TIST	O	04-169-014	04-169-014	1/17	(S,U)	1B07PBDP	I	04-079-040	04-079-040	1/8	
O1D12P	O	04-129-150	04-129-150	1/13		ODD14N	I	04-149-049	04-149-049	1/15		1A2L INCL	O	04-029-114	04-029-114	1/3	(S,U)	1B074MCN	I	04-079-143	04-079-143	1/8	
O1D13N	O	04-139-050	04-139-050	1/14		ODD14P	I	04-149-149	04-149-149	1/15		1A2TIST	O	04-029-014	04-029-014	1/3	(S,U)	1B074MCP	I	04-079-043	04-079-043	1/8	
O1D13P	O	04-139-150	04-139-150	1/14		ODD15N	I	04-159-049	04-159-049	1/16		1A3L INCL	O	04-039-114	04-039-114	1/4	(S,U)	1B078KSN	I	04-079-142	04-079-142	1/8	
O1D14N	O	04-149-050	04-149-050	1/15		ODD15P	I	04-159-149	04-159-149	1/16		1A3TIST	O	04-039-014	04-039-014	1/4	(S,U)	1B078KSP	I	04-079-042	04-079-042	1/8	
O1D14P	O	04-149-150	04-149-150	1/15		ODD16N	I	04-169-049	04-169-049	1/17		1A4L INCL	O	04-049-114	04-049-114	1/5	(S,U)	1B08PBIN	O	04-089-141	04-089-141	1/9	
O1D15N	O	04-159-050	04-159-050	1/16		ODD16P	I	04-169-149	04-169-149	1/17		1A4TIST	O	04-049-014	04-049-014	1/5	(S,U)	1B08PBIP	O	04-089-041	04-089-041	1/9	
O1D15P	O	04-159-150	04-159-150	1/16		OS01N	I	04-019-047	04-019-047	1/2		1A5L INCL	O	04-059-114	04-059-114	1/6	(S,U)	1B08PBDP	I	04-089-040	04-089-040	1/9	
O1D16N	O	04-169-050	04-169-050	1/17		OS01P	I	04-019-147	04-019-147	1/2		1A5TIST	O	04-059-014	04-059-014	1/6	(S,U)	1B084MCN	I	04-089-043	04-089-043	1/9	
O1D16P	O	04-169-150	04-169-150	1/17		OS02N	I	04-029-047	04-029-047	1/3		1A6L INCL	O	04-069-114	04-069-114	1/7	(S,U)	1B088KSN	I	04-089-142	04-089-142	1/9	
ONINT01N	O	04-019-046	04-019-046	1/2		OS02P	I	04-029-147	04-029-147	1/3		1A6TIST	O	04-069-014	04-069-014	1/7	(S,U)	1B088KSP	I	04-089-042	04-089-042	1/9	
ONINT01P	O	04-019-146	04-019-146	1/2		OS03N	I	04-039-047	04-039-047	1/4		1A7L INCL	O	04-079-114	04-079-114	1/8	(S,U)	1B09PBIN	O	04-099-141	04-099-141	1/10	
ONINT02N	O	04-029-046	04-029-046	1/3		OS03P	I	04-039-147	04-039-147	1/4		1A7TIST	O	04-079-014	04-079-014	1/8	(S,U)	1B09PBIP	O	04-099-041	04-099-041	1/10	
ONINT02P	O	04-029-146	04-029-146	1/3		OS04N	I	04-049-047	04-049-047	1/5		1A8L INCL	O	04-089-114	04-089-114	1/9	(S,U)	1B09PBDP	I	04-099-040	04-099-040	1/10	
ONINT03N	O	04-039-046	04-039-046	1/4		OS04P	I	04-049-147	04-049-147	1/5		1A8TIST	O	04-089-014	04-089-014	1/9	(S,U)	1B094MCN	I	04-099-143	04-099-143	1/10	
ONINT03P	O	04-039-146	04-039-146	1/4		OS05N	I	04-059-047	04-059-047	1/6		1A9L INCL	O	04-099-114	04-099-114	1/10	(S,U)	1B094MCP	I	04-099-043	04-099-043	1/10	
ONINT04N	O	04-049-046	04-049-046	1/5		OS05P	I	04-059-147	04-059-147	1/6		1A9TIST	O	04-099-014	04-099-014	1/10	(S,U)	1B098KSN	I	04-099-142	04-099-142	1/10	
ONINT04P	O	04-049-146	04-049-146	1/5		OS06N	I	04-069-047	04-069-047	1/7		1B01BPIN	O	04-019-141	04-019-141	1/2		1B098KSP	I	04-099-042	04-099-042	1/10	
ONINT05N	O	04-059-046	04-059-046	1/6		OS06P	I	04-069-147	04-069-147	1/7		1B01PBON	I	04-019-140	04-019-140	1/2		1B10PBIN	O	04-109-141	04-109-141	1/11	
ONINT05P	O	04-059-146	04-059-146	1/6		OS07N	I	04-079-047	04-079-047	1/8		1B01PBOP	I	04-019-040	04-019-040	1/2		1B10PBDP	I	04-109-041	04-109-041	1/11	

CAD 1
UNIT SYMBOL

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ELEMENT IDENTIFIER (CONT)

A

PERIPHERAL INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
1B10PBON	I	04-109-140	04-109-140	1/11	
1B10PBOP	I	04-109-040	04-109-040	1/11	
1B104MCN	I	04-109-143	04-109-143	1/11	
1B104MCP	I	04-109-043	04-109-043	1/11	
1B108KSN	I	04-109-142	04-109-142	1/11	
1B108KSP	I	04-109-042	04-109-042	1/11	
1B11PBIN	O	04-119-141	04-119-141	1/12	
1B11PBIP	O	04-119-041	04-119-041	1/12	
1B11PBON	I	04-119-140	04-119-140	1/12	
1B11PBOP	I	04-119-040	04-119-040	1/12	
1B114MCN	I	04-119-143	04-119-143	1/12	
1B114MCP	I	04-119-043	04-119-043	1/12	
1B118KSN	I	04-119-142	04-119-142	1/12	
1B118KSP	I	04-119-042	04-119-042	1/12	
1B12PBIN	O	04-129-141	04-129-141	1/13	
1B12PBIP	O	04-129-041	04-129-041	1/13	
1B12PBON	I	04-129-140	04-129-140	1/13	
1B12PBOP	I	04-129-040	04-129-040	1/13	
1B124MCN	I	04-129-143	04-129-143	1/13	
1B124MCP	I	04-129-043	04-129-043	1/13	
1B128KSN	I	04-129-142	04-129-142	1/13	
1B128KSP	I	04-129-042	04-129-042	1/13	
1B13PBIN	O	04-139-141	04-139-141	1/14	
1B13PBIP	O	04-139-041	04-139-041	1/14	
1B13PBON	I	04-139-140	04-139-140	1/14	
1B13PBOP	I	04-139-040	04-139-040	1/14	
1B134MCN	I	04-139-143	04-139-143	1/14	
1B134MCP	I	04-139-043	04-139-043	1/14	
1B138KSN	I	04-139-142	04-139-142	1/14	
1B138KSP	I	04-139-042	04-139-042	1/14	
1B14PBIN	O	04-149-141	04-149-141	1/15	
1B14PBIP	O	04-149-041	04-149-041	1/15	
1B14PBON	I	04-149-140	04-149-140	1/15	
1B14PBOP	I	04-149-040	04-149-040	1/15	
1B144MCN	I	04-149-143	04-149-143	1/15	
1B144MCP	I	04-149-043	04-149-043	1/15	
1B148KSN	I	04-149-142	04-149-142	1/15	
1B148KSP	I	04-149-042	04-149-042	1/15	
1B15PBIN	O	04-159-141	04-159-141	1/16	
1B15PBIP	O	04-159-041	04-159-041	1/16	
1B15PBON	I	04-159-140	04-159-140	1/16	
1B15PBOP	I	04-159-040	04-159-040	1/16	
1B154MCN	I	04-159-143	04-159-143	1/16	
1B154MCP	I	04-159-043	04-159-043	1/16	
1B158KSN	I	04-159-142	04-159-142	1/16	
1B158KSP	I	04-159-042	04-159-042	1/16	
1B16PBIN	O	04-169-141	04-169-141	1/17	
1B16PBIP	O	04-169-041	04-169-041	1/17	
1B16PBON	I	04-169-140	04-169-140	1/17	
1B16PBOP	I	04-169-040	04-169-040	1/17	
1B164MCN	I	04-169-143	04-169-143	1/17	
1B164MCP	I	04-169-043	04-169-043	1/17	
1B168KSN	I	04-169-142	04-169-142	1/17	
1B168KSP	I	04-169-042	04-169-042	1/17	
1C01N	I	04-019-054	04-019-054	1/2	
1C01P	I	04-019-154	04-019-154	1/2	
1C02N	I	04-029-054	04-029-054	1/3	
1C02P	I	04-029-154	04-029-154	1/3	
1C03N	I	04-039-054	04-039-054	1/4	
1C03P	I	04-039-154	04-039-154	1/4	
1C04N	I	04-049-054	04-049-054	1/5	
1C04P	I	04-049-154	04-049-154	1/5	
1C05N	I	04-059-054	04-059-054	1/6	
1C05P	I	04-059-154	04-059-154	1/6	
1C06N	I	04-069-054	04-069-054	1/7	

ELEMENT IDENTIFIER (CONT)

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PERIPHERAL INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
1C06P	I	04-069-154	04-069-154	1/7	
1C07N	I	04-079-054	04-079-054	1/8	
1C07P	I	04-079-154	04-079-154	1/8	
1C08N	I	04-089-054	04-089-054	1/9	
1C08P	I	04-089-154	04-089-154	1/9	
1C09N	I	04-099-054	04-099-054	1/10	
1C09P	I	04-099-154	04-099-154	1/10	
1C10N	I	04-109-054	04-109-054	1/11	
1C10P	I	04-109-154	04-109-154	1/11	
1C11N	I	04-119-054	04-119-054	1/12	
1C11P	I	04-119-154	04-119-154	1/12	
1C12N	I	04-129-054	04-129-054	1/13	
1C12P	I	04-129-154	04-129-154	1/13	
1C13N	I	04-139-054	04-139-054	1/14	
1C13P	I	04-139-154	04-139-154	1/14	
1C14N	I	04-149-054	04-149-054	1/15	
1C14P	I	04-149-154	04-149-154	1/16	
1C15N	I	04-159-054	04-159-054	1/16	
1C15P	I	04-149-154	04-149-154	1/15	
1C16N	I	04-169-054	04-169-054	1/17	
1C16P	I	04-169-154	04-169-154	1/17	
1D01N	O	04-019-056	04-019-056	1/2	
1D01P	O	04-019-156	04-019-156	1/2	
1D02N	O	04-029-056	04-029-056	1/3	
1D02P	O	04-029-156	04-029-156	1/3	
1D03N	O	04-039-056	04-039-056	1/4	
1D03P	O	04-039-156	04-039-156	1/4	
1D04N	O	04-049-056	04-049-056	1/5	
1D04P	O	04-049-156	04-049-156	1/5	
1D05N	O	04-059-056	04-059-056	1/6	
1D05P	O	04-059-156	04-059-156	1/6	
1D06N	O	04-069-056	04-069-056	1/7	
1D06P	O	04-069-156	04-069-156	1/7	
1D07N	O	04-079-056	04-079-056	1/8	
1D07P	O	04-079-156	04-079-156	1/8	
1D08N	O	04-089-056	04-089-056	1/9	
1D08P	O	04-089-156	04-089-156	1/9	
1D09N	O	04-099-056	04-099-056	1/10	
1D09P	O	04-099-156	04-099-156	1/10	
1D10N	O	04-109-056	04-109-056	1/11	
1D10P	O	04-109-156	04-109-156	1/11	
1D11N	O	04-119-056	04-119-056	1/12	
1D11P	O	04-119-156	04-119-156	1/12	
1D12N	O	04-129-056	04-129-056	1/13	
1D12P	O	04-129-156	04-129-156	1/13	
1D13N	O	04-139-056	04-139-056	1/14	
1D13P	O	04-139-156	04-139-156	1/14	
1D14N	O	04-149-056	04-149-056	1/15	
1D14P	O	04-149-156	04-149-156	1/15	
1D15N	O	04-159-056	04-159-056	1/16	
1D15P	O	04-159-156	04-159-156	1/16	
1D16N	O	04-169-056	04-169-056	1/17	
1D16P	O	04-169-156	04-169-156	1/17	
1NINT01N	O	04-019-052	04-019-052	1/2	
1NINT01P	O	04-019-152	04-019-152	1/2	
1NINT02N	O	04-029-052	04-029-052	1/3	
1NINT02P	O	04-029-152	04-029-152	1/3	
1NINT03N	O	04-039-052	04-039-052	1/4	
1NINT03P	O	04-039-152	04-039-152	1/4	
1NINT04N	O	04-049-052	04-049-052	1/5	
1NINT04P	O	04-049-152	04-049-152	1/5	
1NINT05N	O	04-059-052	04-059-052	1/6	
1NINT05P	O	04-059-152	04-059-152	1/6	
1NINT06N	O	04-069-052	04-069-052	1/7	
1NINT06P	O	04-069-152	04-069-152	1/7	

ELEMENT IDENTIFIER (CONT)

A

PERIPHERAL INTERFACE

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
1NINT07N	O	04-079-052	04-079-052	1/8	
1NINT07P	O	04-079-152	04-079-152	1/8	
1NINT08N	O	04-089-052	04-089-052	1/9	
1NINT08P	O	04-089-152	04-089-152	1/9	
1NINT09N	O	04-099-052	04-099-052	1/10	
1NINT09P	O	04-099-152	04-099-152	1/10	
1NINT10N	O	04-109-052	04-109-052	1/11	
1NINT10P	O	04-109-152	04-109-152	1/11	
1NINT11N	O	04-119-052	04-119-052	1/12	
1NINT11P	O	04-119-152	04-119-152	1/12	
1NINT12N	O	04-129-052	04-129-052	1/13	
1NINT12P	O	04-129-152	04-129-152	1/13	
1NINT13N	O	04-139-052	04-139-052	1/14	
1NINT13P	O	04-139-152	04-139-152	1/14	
1NINT14N	O	04-149-052	04-149-052	1/15	
1NINT14P	O	04-149-152	04-149-152	1/15	
1NINT15N	O	04-159-052	04-159-052	1/16	
1NINT15P	O	04-159-152	04-159-152	1/16	
1NINT16N	O	04-169-052	04-169-052	1/17	
1NINT16P	O	04-169-152	04-169-152	1/17	
1D001N	I	04-019-055	04-019-055	1/2	
1D001P	I	04-019-155	04-019-155	1/2	
1D002N	I	04-029-055	04-029-055	1/3	
1D002P	I	04-029-155	04-029-155	1/3	
1D003N	I	04-039-055	04-039-055	1/4	
1D003P	I	04-039-155	04-039-155	1/4	
1D004N	I	04-049-055	04-049-055	1/5	
1D004P	I	04-049-155	04-049-155	1/5	
1D005N	I	04-059-055	04-059-055	1/6	
1D005P	I	04-059-155	04-059-155	1/6	
1D006N	I	04-069-055	04-069-055	1/7	
1D006P	I	04-069-155	04-069-155	1/7	
1D007N	I	04-079-055	04-079-055	1/8	
1D007P	I	04-079-155	04-079-155	1/8	
1D008N	I	04-089-055	04-089-055	1/9	
1D008P	I	04-089-155	04-089-155	1/9	
1D009N	I	04-099-055	04-099-055	1/10	
1D009P	I	04-099-155	04-099-155	1/10	
1D010N	I	04-109-055	04-109-055	1/11	
1D010P	I	04-109-155	04-109-155	1/11	
1D011N	I	04-119-055	04-119-055	1/12	
1D011P	I	04-119-155	04-119-155	1/12	
1D012N	I	04-129-055	04-129-055	1/13	
1D012P	I	04-129-155	04-129-155	1/13	
1D013N	I	04-139-055	04-139-055	1/14	
1D013P	I	04-139-155	04-139-155	1/14	
1D014N	I	04-149-055	04-149-055	1/15	
1D014P	I	04-149-155	04-149-155	1/15	
1D015N	I	04-159-055	04-159-055	1/16	
1D015P	I	04-159-155	04-159-155	1/16	
1D016N	I	04-169-055	04-169-055	1/17	
1D016P	I	04-169-155	04-169-155	1/17	
1S01N	I	04-019-053	04-019-053	1/2	
1S01P	I	04-019-153	04-019-153	1/2	
1S02N	I	04-029-053	04-029-053	1/3	
1S02P	I	04-029-153	04-029-153	1/3	
1S03N	I				

CAD 002
PERIPHERAL INTERFACE DATA BUS (NOTE 205 & 207)

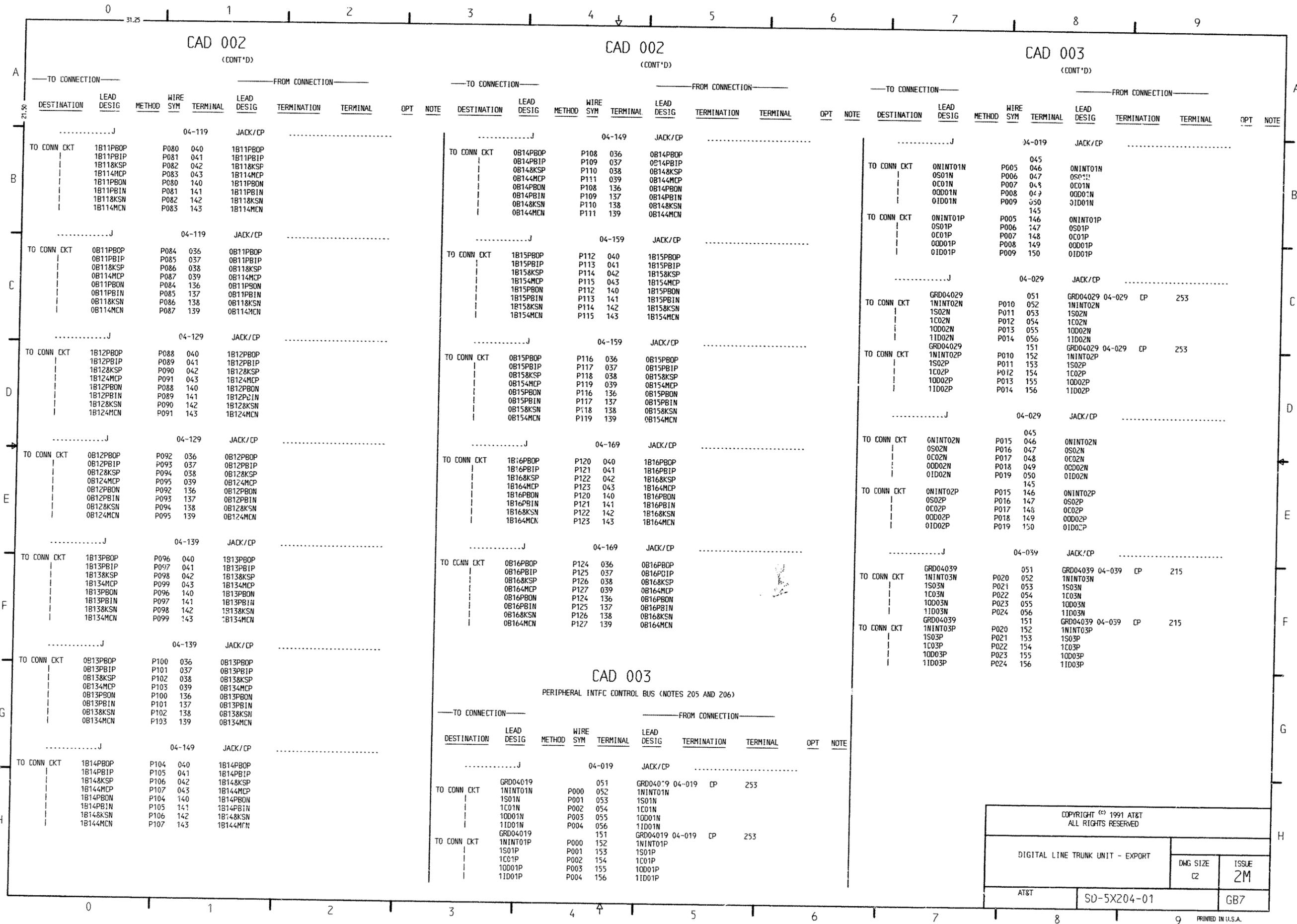
CAD 002
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CAD 002
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TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J 04-019 JACK/CP							
TO CONN CKT	1B01PBOP	P000	040	1B01PBOP			
	1B01PBIP	P001	041	1B01PBIP			
	1B018KSP	P002	042	1B018KSP			
	1B014MCP	P003	043	1B014MCP			
	1B01PBON	P000	140	1B01PBON			
	1B01PBIN	P001	141	1B01PBIN			
	1B018KSN	P002	142	1B018KSN			
	1B014MCN	P003	143	1B014MCN			
.....J 04-019 JACK/CP							
TO CONN CKT	0B01PBOP	P004	036	0B01PBOP			
	0B01PBIP	P005	037	0B01PBIP			
	0B018KSP	P006	038	0B018KSP			
	0B014MCP	P007	039	0B014MCP			
	0B01PBON	P004	136	0B01PBON			
	0B01PBIN	P005	137	0B01PBIN			
	0B018KSN	P006	138	0B018KSN			
	0B014MCN	P007	139	0B014MCN			
.....J 04-029 JACK/CP							
TO CONN CKT	1B02PBOP	P008	040	1B02PBOP			
	1B02PBIP	P009	041	1B02PBIP			
	1B028KSP	P010	042	1B028KSP			
	1B024MCP	P011	043	1B024MCP			
	1B02PBON	P008	140	1B02PBON			
	1B02PBIN	P009	141	1B02PBIN			
	1B028KSN	P010	142	1B028KSN			
	1B024MCN	P011	143	1B024MCN			
.....J 04-029 JACK/CP							
TO CONN CKT	0B02PBOP	P012	036	0B02PBOP			
	0B02PBIP	P013	037	0B02PBIP			
	0B028KSP	P014	038	0B028KSP			
	0B024MCP	P015	039	0B024MCP			
	0B02PBON	P012	136	0B02PBON			
	0B02PBIN	P013	137	0B02PBIN			
	0B028KSN	P014	138	0B028KSN			
	0B024MCN	P015	139	0B024MCN			
.....J 04-039 JACK/CP							
TO CONN CKT	1B03PBOP	P016	040	1B03PBOP			
	1B03PBIP	P017	041	1B03PBIP			
	1B038KSP	P018	042	1B038KSP			
	1B034MCP	P019	043	1B034MCP			
	1B03PBON	P016	140	1B03PBON			
	1B03PBIN	P017	141	1B03PBIN			
	1B038KSN	P018	142	1B038KSN			
	1B034MCN	P019	143	1B034MCN			
.....J 04-039 JACK/CP							
TO CONN CKT	0B03PBOP	P020	036	0B03PBOP			
	0B03PBIP	P021	037	0B03PBIP			
	0B038KSP	P022	038	0B038KSP			
	0B034MCP	P023	039	0B034MCP			
	0B03PBON	P020	136	0B03PBON			
	0B03PBIN	P021	137	0B03PBIN			
	0B038KSN	P022	138	0B038KSN			
	0B034MCN	P023	139	0B034MCN			
.....J 04-049 JACK/CP							
TO CONN CKT	1B04PBOP	P024	040	1B04PBOP			
	1B04PBIP	P025	041	1B04PBIP			
	1B048KSP	P026	042	1B048KSP			
	1B044MCP	P027	043	1B044MCP			
	1B04PBON	P024	140	1B04PBON			
	1B04PBIN	P025	141	1B04PBIN			
	1B048KSN	P026	142	1B048KSN			
	1B044MCN	P027	143	1B044MCN			

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J 04-049 JACK/CP							
TO CONN CKT	0B04PBOP	P028	036	0B04PBOP			
	0B04PBIP	P029	037	0B04PBIP			
	0B048KSP	P030	038	0B048KSP			
	0B044MCP	P031	039	0B044MCP			
	0B04PBON	P028	136	0B04PBON			
	0B04PBIN	P029	137	0B04PBIN			
	0B048KSN	P030	138	0B048KSN			
	0B044MCN	P031	139	0B044MCN			
.....J 04-059 JACK/CP							
TO CONN CKT	1B05PBOP	P032	040	1B05PBOP			
	1B05PBIP	P033	041	1B05PBIP			
	1B058KSP	P034	042	1B058KSP			
	1B054MCP	P035	043	1B054MCP			
	1B05PBON	P032	140	1B05PBON			
	1B05PBIN	P033	141	1B05PBIN			
	1B058KSN	P034	142	1B058KSN			
	1B054MCN	P035	143	1B054MCN			
.....J 04-059 JACK/CP							
TO CONN CKT	0B05PBOP	P036	036	0B05PBOP			
	0B05PBIP	P037	037	0B05PBIP			
	0B058KSP	P038	038	0B058KSP			
	0B054MCP	P039	039	0B054MCP			
	0B05PBON	P036	136	0B05PBON			
	0B05PBIN	P037	137	0B05PBIN			
	0B058KSN	P038	138	0B058KSN			
	0B054MCN	P039	139	0B054MCN			
.....J 04-069 JACK/CP							
TO CONN CKT	1B06PBOP	P040	040	1B06PBOP			
	1B06PBIP	P041	041	1B06PBIP			
	1B068KSP	P042	042	1B068KSP			
	1B064MCP	P043	043	1B064MCP			
	1B06PBON	P040	140	1B06PBON			
	1B06PBIN	P041	141	1B06PBIN			
	1B068KSN	P042	142	1B068KSN			
	1B064MCN	P043	143	1B064MCN			
.....J 04-069 JACK/CP							
TO CONN CKT	0B06PBOP	P044	036	0B06PBOP			
	0B06PBIP	P045	037	0B06PBIP			
	0B068KSP	P046	038	0B068KSP			
	0B064MCP	P047	039	0B064MCP			
	0B06PBON	P044	136	0B06PBON			
	0B06PBIN	P045	137	0B06PBIN			
	0B068KSN	P046	138	0B068KSN			
	0B064MCN	P047	139	0B064MCN			
.....J 04-079 JACK/CP							
TO CONN CKT	1B07PBOP	P048	040	1B07PBOP			
	1B07PBIP	P049	041	1B07PBIP			
	1B078KSP	P050	042	1B078KSP			
	1B074MCP	P051	043	1B074MCP			
	1B07PBON	P048	140	1B07PBON			
	1B07PBIN	P049	141	1B07PBIN			
	1B078KSN	P050	142	1B078KSN			
	1B074MCN	P051	143	1B074MCN			
.....J 04-079 JACK/CP							
TO CONN CKT	0B07PBOP	P052	036	0B07PBOP			
	0B07PBIP	P053	037	0B07PBIP			
	0B078KSP	P054	038	0B078KSP			
	0B074MCP	P055	039	0B074MCP			
	0B07PBON	P052	136	0B07PBON			
	0B07PBIN	P053	137	0B07PBIN			
	0B078KSN	P054	138	0B078KSN			
	0B074MCN	P055	139	0B074MCN			

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J 04-089 JACK/CP							
TO CONN CKT	1B08PBOP	P056	040	1B08PBOP			
	1B08PBIP	P057	041	1B08PBIP			
	1B088KSP	P058	042	1B088KSP			
	1B084MCP	P059	043	1B084MCP			
	1B08PBON	P056	140	1B08PBON			
	1B08PBIN	P057	141	1B08PBIN			
	1B088KSN	P058	142	1B088KSN			
	1B084MCN	P059	143	1B084MCN			
.....J 04-089 JACK/CP							
TO CONN CKT	0B08PBOP	P060	036	0B08PBOP			
	0B08PBIP	P061	037	0B08PBIP			
	0B088KSP	P062	038	0B088KSP			
	0B084MCP	P063	039	0B084MCP			
	0B08PBON	P060	136	0B08PBON			
	0B08PBIN	P061	137	0B08PBIN			
	0B088KSN	P062	138	0B088KSN			
	0B084MCN	P063	139	0B084MCN			
.....J 04-099 JACK/CP							
TO CONN CKT	1B09PBOP	P064	040	1B09PBOP			
	1B09PBIP	P065	041	1B09PBIP			
	1B098KSP	P066	042	1B098KSP			
	1B094MCP	P067	043	1B094MCP			
	1B09PBON	P064	140	1B09PBON			
	1B09PBIN	P065	141	1B09PBIN			
	1B098KSN	P066	142	1B098KSN			
	1B094MCN	P067	143	1B094MCN			
.....J 04-099 JACK/CP							
TO CONN CKT	0B09PBOP	P068	036	0B09PBOP			
	0B09PBIP	P069	037	0B09PBIP			
	0B098KSP	P070	038	0B098KSP			
	0B094MCP	P071	039	0B094MCP			
	0B09PBON	P068	136	0B09PBON			
	0B09PBIN	P069	137	0B09PBIN			
	0B098KSN	P070	138	0B098KSN			
	0B094MCN	P071	139	0B094MCN			
.....J 04-109 JACK/CP							
TO CONN CKT	1B10PBOP	P072	040	1B10PBOP			
	1B10PBIP	P073	041	1B10PBIP			
	1B108KSP	P074	042	1B108KSP			
	1B104MCP	P075	043	1B104MCP			
	1B10PBON	P072	140	1B10PBON			
	1B10PBIN	P073	141	1B10PBIN			
	1B108KSN	P074	142	1B108KSN			
	1B104MCN	P075	143	1B104MCN			
.....J 04-109 JACK/CP							
TO CONN CKT	0B10PBOP	P076	036	0B10PBOP			
	0B10PBIP	P077	037	0B10PBIP			
	0B108KSP	P078	038	0B108KSP			
	0B104MCP	P079	039	0B104MCP			
	0B10PBON	P076	136	0B10PBON			
	0B10PBIN						



CAD 002
(CONT'D)

CAD 002
(CONT'D)

CAD 003
(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
-----J-----							
TO CONN CKT	1B11PBOP	P080	040	1B11PBOP	JACK/CP		
	1B11PBIP	P081	041	1B11PBIP			
	1B118KSP	P082	042	1B118KSP			
	1B114MCP	P083	043	1B114MCP			
	1B11PBON	P080	140	1B11PBON			
	1B11PBIN	P081	141	1B11PBIN			
	1B118KSN	P082	142	1B118KSN			
	1B114MCN	P083	143	1B114MCN			
-----J-----							
TO CONN CKT	0B11PBOP	P084	036	0B11PBOP	JACK/CP		
	0B11PBIP	P085	037	0B11PBIP			
	0B118KSP	P086	038	0B118KSP			
	0B114MCP	P087	039	0B114MCP			
	0B11PBON	P084	136	0B11PBON			
	0B11PBIN	P085	137	0B11PBIN			
	0B118KSN	P086	138	0B118KSN			
	0B114MCN	P087	139	0B114MCN			
-----J-----							
TO CONN CKT	1B12PBOP	P088	040	1B12PBOP	JACK/CP		
	1B12PBIP	P089	041	1B12PBIP			
	1B128KSP	P090	042	1B128KSP			
	1B124MCP	P091	043	1B124MCP			
	1B12PBON	P088	140	1B12PBON			
	1B12PBIN	P089	141	1B12PBIN			
	1B128KSN	P090	142	1B128KSN			
	1B124MCN	P091	143	1B124MCN			
-----J-----							
TO CONN CKT	0B12PBOP	P092	036	0B12PBOP	JACK/CP		
	0B12PBIP	P093	037	0B12PBIP			
	0B128KSP	P094	038	0B128KSP			
	0B124MCP	P095	039	0B124MCP			
	0B12PBON	P092	136	0B12PBON			
	0B12PBIN	P093	137	0B12PBIN			
	0B128KSN	P094	138	0B128KSN			
	0B124MCN	P095	139	0B124MCN			
-----J-----							
TO CONN CKT	1B13PBOP	P096	040	1B13PBOP	JACK/CP		
	1B13PBIP	P097	041	1B13PBIP			
	1B138KSP	P098	042	1B138KSP			
	1B134MCP	P099	043	1B134MCP			
	1B13PBON	P096	140	1B13PBON			
	1B13PBIN	P097	141	1B13PBIN			
	1B138KSN	P098	142	1B138KSN			
	1B134MCN	P099	143	1B134MCN			
-----J-----							
TO CONN CKT	0B13PBOP	P100	036	0B13PBOP	JACK/CP		
	0B13PBIP	P101	037	0B13PBIP			
	0B138KSP	P102	038	0B138KSP			
	0B134MCP	P103	039	0B134MCP			
	0B13PBON	P100	136	0B13PBON			
	0B13PBIN	P101	137	0B13PBIN			
	0B138KSN	P102	138	0B138KSN			
	0B134MCN	P103	139	0B134MCN			
-----J-----							
TO CONN CKT	1B14PBOP	P104	040	1B14PBOP	JACK/CP		
	1B14PBIP	P105	041	1B14PBIP			
	1B148KSP	P106	042	1B148KSP			
	1B144MCP	P107	043	1B144MCP			
	1B14PBON	P104	140	1B14PBON			
	1B14PBIN	P105	141	1B14PBIN			
	1B148KSN	P106	142	1B148KSN			
	1B144MCN	P107	143	1B144MCN			

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
-----J-----							
TO CONN CKT	0B14PBOP	P108	036	0B14PBOP	JACK/CP		
	0B14PBIP	P109	037	0B14PBIP			
	0B148KSP	P110	038	0B148KSP			
	0B144MCP	P111	039	0B144MCP			
	0B14PBON	P108	136	0B14PBON			
	0B14PBIN	P109	137	0B14PBIN			
	0B148KSN	P110	138	0B148KSN			
	0B144MCN	P111	139	0B144MCN			
-----J-----							
TO CONN CKT	1B15PBOP	P112	040	1B15PBOP	JACK/CP		
	1B15PBIP	P113	041	1B15PBIP			
	1B158KSP	P114	042	1B158KSP			
	1B154MCP	P115	043	1B154MCP			
	1B15PBON	P112	140	1B15PBON			
	1B15PBIN	P113	141	1B15PBIN			
	1B158KSN	P114	142	1B158KSN			
	1B154MCN	P115	143	1B154MCN			
-----J-----							
TO CONN CKT	0B15PBOP	P116	036	0B15PBOP	JACK/CP		
	0B15PBIP	P117	037	0B15PBIP			
	0B158KSP	P118	038	0B158KSP			
	0B154MCP	P119	039	0B154MCP			
	0B15PBON	P116	136	0B15PBON			
	0B15PBIN	P117	137	0B15PBIN			
	0B158KSN	P118	138	0B158KSN			
	0B154MCN	P119	139	0B154MCN			
-----J-----							
TO CONN CKT	1B16PBOP	P120	040	1B16PBOP	JACK/CP		
	1B16PBIP	P121	041	1B16PBIP			
	1B168KSP	P122	042	1B168KSP			
	1B164MCP	P123	043	1B164MCP			
	1B16PBON	P120	140	1B16PBON			
	1B16PBIN	P121	141	1B16PBIN			
	1B168KSN	P122	142	1B168KSN			
	1B164MCN	P123	143	1B164MCN			
-----J-----							
TO CONN CKT	0B16PBOP	P124	036	0B16PBOP	JACK/CP		
	0B16PBIP	P125	037	0B16PBIP			
	0B168KSP	P126	038	0B168KSP			
	0B164MCP	P127	039	0B164MCP			
	0B16PBON	P124	136	0B16PBON			
	0B16PBIN	P125	137	0B16PBIN			
	0B168KSN	P126	138	0B168KSN			
	0B164MCN	P127	139	0B164MCN			

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
-----J-----							
TO CONN CKT	0NINT01N	P005	045	0NINT01N	JACK/CP		
	0S01N	P006	047	0S01N			
	0C01N	P007	048	0C01N			
	0OD01N	P008	049	0OD01N			
	0ID01N	P009	050	0ID01N			
-----J-----							
TO CONN CKT	0NINT01P	P005	146	0NINT01P	JACK/CP		
	0S01P	P006	147	0S01P			
	0C01P	P007	148	0C01P			
	0OD01P	P008	149	0OD01P			
	0ID01P	P009	150	0ID01P			
-----J-----							
TO CONN CKT	GRD04029	P010	051	GRD04029	04-029	CP	253
	1NINT02N	P011	052	1NINT02N			
	1S02N	P012	053	1S02N			
	1C02N	P013	054	1C02N			
	1OD02N	P014	055	1OD02N			
	1ID02N	P014	056	1ID02N			
-----J-----							
TO CONN CKT	GRD04029	P010	151	GRD04029	04-029	CP	253
	1NINT02P	P011	152	1NINT02P			
	1S02P	P012	153	1S02P			
	1C02P	P013	154	1C02P			
	1OD02P	P013	155	1OD02P			
	1ID02P	P014	156	1ID02P			
-----J-----							
TO CONN CKT	0NINT02N	P015	046	0NINT02N	JACK/CP		
	0S02N	P016	047	0S02N			
	0C02N	P017	048	0C02N			
	0OD02N	P018	049	0OD02N			
	0ID02N	P019	050	0ID02N			
-----J-----							
TO CONN CKT	0NINT02P	P015	146	0NINT02P	JACK/CP		
	0S02P	P016	147	0S02P			
	0C02P	P017	148	0C02P			
	0OD02P	P018	149	0OD02P			
	0ID02P	P019	150	0ID02P			
-----J-----							
TO CONN CKT	GRD04039	P020	051	GRD04039	04-039	CP	215
	1NINT03N	P021	052	1NINT03N			
	1S03N	P022	053	1S03N			
	1C03N	P023	054	1C03N			
	1OD03N	P024	055	1OD03N			
	1ID03N	P024	056	1ID03N			
-----J-----							
TO CONN CKT	GRD04039	P020	151	GRD04039	04-039	CP	215
	1NINT03P	P021	152	1NINT03P			
	1S03P	P022	153	1S03P			
	1C03P	P023	154	1C03P			
	1OD03P	P023	155	1OD03P			
	1ID03P	P024	156	1ID03P			

CAD 003

PERIPHERAL INTFC CONTROL BUS (NOTES 205 AND 206)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
-----J-----							
TO CONN CKT	GRD04019	P000	051	GRD04019	04-019	CP	253
	1NINT01N	P001	052	1NINT01N			
	1S01N	P002	053	1S01N			
	1C01N	P003	054	1C01N			
	1OD01N	P004	055	1OD01N			
	1ID01N	P004	056	1ID01N			
-----J-----							
TO CONN CKT	GRD04019	P000	151	GRD04019	04-019	CP	253
	1NINT01P	P001	152	1NINT01P			
	1S01P	P002	153	1S01P			
	1C01P	P003	154	1C01P			
	1OD01P	P003	155	1OD01P			
	1ID01P	P004	156	1ID01P			

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DIGITAL LINE TRUNK UNIT - EXPORT

DWG SIZE: C2 ISSUE: 2M

AT&T SD-5X204-01 GB7

CAD 003 (CONT'D)															CAD 003 (CONT'D)															CAD 003 (CONT'D)														
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION																			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE															
.....J 04-039 JACK/CPJ 04-069 JACK/CPJ 04-089 JACK/CP														
TO CONN CKT	ONINT03N	P025	046	045	ONINT03N					TO CONN CKT	11D06N	P054	056	056	11D06N	04-069	CP	035		TO CONN CKT	0C08P	P077	148	148	0C08P																			
	0S03N	P026	047	046	0S03N						GRD04069	P050	151	151	GRD04069	04-069	CP	035			0D08P	P078	149	149	0D08P																			
	0C03N	P027	048	047	0C03N						1S06P	P051	153	153	1S06P							01D08P	P079	150	150	01D08P																		
	0D03N	P028	049	048	0D03N						1C06P	P052	154	154	1C06P																													
	01D03N	P029	050	049	01D03N						1D06P	P053	155	155	1D06P																													
TO CONN CKT	ONINT03P	P025	146	145	ONINT03P					TO CONN CKT	11D06P	P054	156	156	11D06P						TO CONN CKT	GRD04099																						
	0S03P	P026	147	146	0S03P																	051	051	GRD04099	04-099	CP	215																	
	0C03P	P027	148	147	0C03P																	1S09N	P080	052	1S09N																			
	0D03P	P028	149	148	0D03P																	1C09N	P081	053	1C09N																			
	01D03P	P029	150	149	01D03P																	1D09N	P082	054	1D09N																			
TO CONN CKT	ONINT04N	P030	052	051	ONINT04N	04-049	CP	253		TO CONN CKT	ONINT06N	P055	046	046	ONINT06N						TO CONN CKT	GRD04099																						
	1S04N	P031	053	052	1S04N						0S06N	P056	047	047	0S06N							1S09N	P080	052	1S09N																			
	1C04N	P032	054	053	1C04N						0C06N	P057	048	048	0C06N							1C09N	P081	053	1C09N																			
	1D04N	P033	055	054	1D04N						0D06N	P058	049	049	0D06N							1D09N	P082	054	1D09N																			
	1D04N	P034	056	055	1D04N						01D06N	P059	050	050	01D06N							1D09N	P083	055	1D09N																			
TO CONN CKT	GRD04049			151	GRD04049	04-049	CP	253		TO CONN CKT	ONINT06P	P055	146	146	ONINT06P						TO CONN CKT	GRD04099																						
	1NINT04P	P030	152	151	1NINT04P						0S06P	P056	147	147	0S06P							1S09P	P080	152	1S09P	04-099	CP	215																
	1S04P	P031	153	152	1S04P						0C06P	P057	148	148	0C06P							1C09P	P081	153	1C09P																			
	1C04P	P032	154	153	1C04P						0D06P	P058	149	149	0D06P							1D09P	P082	154	1D09P																			
	1D04P	P033	155	154	1D04P						01D06P	P059	150	150	01D06P							1D09P	P083	155	1D09P																			
	1D04P	P034	156	155	1D04P																		P084	156																				
.....J 04-049 JACK/CPJ 04-079 JACK/CPJ 04-099 JACK/CP														
TO CONN CKT	ONINT04N	P035	046	045	ONINT04N					TO CONN CKT	GRD04079	P060	051	051	GRD04079	04-079	CP	253		TO CONN CKT	ONINT09N	P085	046	046	ONINT09N																			
	0S04N	P036	047	046	0S04N						1NINT07N	P061	052	052	1NINT07N							0S09N	P086	047	0S09N																			
	0C04N	P037	048	047	0C04N						1S07N	P062	053	053	1S07N							0C09N	P087	048	0C09N																			
	0D04N	P038	049	048	0D04N						1C07N	P063	054	054	1C07N							0D09N	P088	049	0D09N																			
	01D04N	P039	050	049	01D04N						1D07N	P064	055	055	1D07N							01D09N	P089	050	01D09N																			
TO CONN CKT	ONINT04P	P035	146	145	ONINT04P					TO CONN CKT	GRD04079	P060	151	151	GRD04079	04-079	CP	253		TO CONN CKT	ONINT09P	P085	146	146	ONINT09P																			
	0S04P	P036	147	146	0S04P						1S07P	P061	152	152	1S07P							0S09P	P086	147	0S09P																			
	0C04P	P037	148	147	0C04P						1C07P	P062	153	153	1C07P							0C09P	P087	148	0C09P																			
	0D04P	P038	149	148	0D04P						1D07P	P063	154	154	1D07P							0D09P	P088	149	0D09P																			
	01D04P	P039	150	149	01D04P						01D07P	P064	155	155	01D07P							01D09P	P089	150	01D09P																			
.....J 04-059 JACK/CPJ 04-079 JACK/CPJ 04-109 JACK/CP														
TO CONN CKT	GRD04059			051	GRD04059	04-059	CP	253		TO CONN CKT	ONINT07N	P065	046	046	ONINT07N						TO CONN CKT	GRD04109																						
	1NINT05N	P040	052	051	1NINT05N						0S07N	P066	047	047	0S07N							1NINT10N	P090	052	1NINT10N	04-109	CP	144																
	1S05N	P041	053	052	1S05N						0C07N	P067	048	048	0C07N							1S10N	P091	053	1S10N																			
	1C05N	P042	054	053	1C05N						0D07N	P068	049	049	0D07N							1C10N	P092	054	1C10N																			
	1D05N	P043	055	054	1D05N						01D07N	P069	050	050	01D07N							1D10N	P093	055	1D10N																			
	1D05N	P044	056	055	1D05N																	1D10N	P094	056	1D10N																			
TO CONN CKT	GRD04059			151	GRD04059	04-059	CP	253		TO CONN CKT	ONINT07P	P065	146	146	ONINT07P						TO CONN CKT	GRD04109																						
	1NINT05P	P040	152	151	1NINT05P						0S07P	P066	147	147	0S07P							1S10P	P090	152	1S10P	04-109	CP	144																
	1S05P	P041	153	152	1S05P						0C07P	P067	148	148	0C07P							1C10P	P091	153	1C10P																			
	1C05P	P042	154	153	1C05P						0D07P	P068	149	149	0D07P							1D10P	P092	154	1D10P																			
	1D05P	P043	155	154	1D05P						01D07P	P069	150	150	01D07P							1D10P	P093	155	1D10P																			
	1D05P	P044	156	155	1D05P																	1D10P	P094	156	1D10P																			
.....J 04-059 JACK/CPJ 04-089 JACK/CPJ 04-109 JACK/CP														
TO CONN CKT	ONINT05N	P045	046	045	ONINT05N					TO CONN CKT	GRD04089	P070	051	051	GRD04089	04-089	CP	215		TO CONN CKT	ONINT10N	P095	046	046	ONINT10N																			
	0S05N	P046	047	046	0S05N						1NINT08N	P071	052	052	1NINT08N							0S10N	P096	047	0S10N																			
	0C05N	P047	048	047	0C05N						1S08N	P072	053	053	1S08N							0C10N	P096	048	0C10N																			
	0D05N	P048	049	048	0D05N						1C08N	P073	054	054	1C08N							0D10N	P098	049	0D10N																			
	01D05N	P049	050	049	01D05N						1D08N	P074	055	055	1D08N							01D10N	P099	050	01D10N																			
TO CONN CKT	ONINT05P	P045	146	145	ONINT05P					TO CONN CKT	GRD04089				GRD04089	04-089	CP	215		TO CONN CKT	ONINT10P	P095	146	146	ONINT10P																			
	0S05P	P046	147	146	0S05P						1S08P	P070	152	152	1S08P							0S10P	P096	14																				

(Z) CAD 004 (CONT'D)										(Y) CAD 005 (CONT'D)										(R) (W,X) CAD 006 2.048MHZ INTERFACE 750HM COAX CABLE(NOTES 205,206)									
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
(Z) TO 2048 KBIT/S EQUIPMENT 01T1 P185 1 LIP01 04-019 CP 132 01R1 P185 26 LIP01 04-019 CP 032 02T1 P186 3 LIP02 04-029 CP 132 02R1 P186 28 LIP02 04-029 CP 032 03T1 P187 4 LIP03 04-039 CP 132 03R1 P187 29 LIP03 04-039 CP 032 04T1 P188 6 LIP04 04-049 CP 132 04R1 P188 31 LIP04 04-049 CP 032 05T1 P189 7 LIP05 04-059 CP 132 05R1 P189 32 LIP05 04-059 CP 032 06T1 P190 9 LIP06 04-069 CP 132 06R1 P190 34 LIP06 04-069 CP 032 07T1 P191 10 LIP07 04-079 CP 132 07R1 P191 35 LIP07 04-079 CP 032 08T1 P192 12 LIP08 04-089 CP 132 08R1 P192 37 LIP08 04-089 CP 032 09T1 P193 13 LIP09 04-099 CP 132 09R1 P193 38 LIP09 04-099 CP 032 10T1 P194 15 LIP10 04-109 CP 132 10R1 P194 40 LIP10 04-109 CP 032 11T1 P195 16 LIP11 04-119 CP 132 11R1 P195 41 LIP11 04-119 CP 032 12T1 P196 18 LIP12 04-129 CP 132 12R1 P196 43 LIP12 04-129 CP 032 13T1 P197 19 LIP13 04-139 CP 132 13R1 P197 44 LIP13 04-139 CP 032 14T1 P198 21 LIP14 04-149 CP 132 14R1 P198 46 LIP14 04-149 CP 032 15T1 P199 22 LIP15 04-159 CP 132 15R1 P199 47 LIP15 04-159 CP 032 16T1 P200 24 LIP16 04-169 CP 132 16R1 P200 49 LIP16 04-169 CP 032										(Y) TO 2048 KBIT/S EQUIPMENT 01R1 P225 26 LIN01 04-019 CP 032 01T1 P225 1 LIP01 04-019 CP 132 01S1 P225 2 SLIN01 04-018 TF 032 02R1 P226 28 LIN02 04-029 CP 032 02T1 P226 3 LIP02 04-029 CP 132 02S1 P226 27 SLIN02 04-028 TF 032 03R1 P227 29 LIN03 04-039 CP 032 03T1 P227 4 LIP03 04-039 CP 132 03S1 P227 5 SLIN03 04-038 TF 032 04R1 P228 31 LIN04 04-049 CP 032 04T1 P228 6 LIP04 04-049 CP 132 04S1 P228 30 SLIN04 04-048 TF 032 05R1 P229 32 LIN05 04-059 CP 032 05T1 P229 7 LIP05 04-059 CP 132 05S1 P229 8 SLIN05 04-058 TF 032 06R1 P230 34 LIN06 04-069 CP 032 06T1 P230 9 LIP06 04-069 CP 132 06S1 P230 33 SLIN06 04-068 TF 032 07R1 P231 35 LIN07 04-079 CP 032 07T1 P231 10 LIP07 04-079 CP 132 07S1 P231 11 SLIN07 04-078 TF 032 08R1 P232 37 LIN08 04-089 CP 032 08T1 P232 12 LIP08 04-089 CP 132 08S1 P232 36 SLIN08 04-088 TF 032 09R1 P233 38 LIN09 04-099 CP 032 09T1 P233 13 LIP09 04-099 CP 132 09S1 P233 14 SLIN09 04-098 TF 032 10R1 P234 40 LIN10 04-109 CP 032 10T1 P234 15 LIP10 04-109 CP 132 10S1 P234 39 SLIN10 04-108 TF 032 11R1 P235 41 LIN11 04-119 CP 032 11T1 P235 16 LIP11 04-119 CP 132 11S1 P235 17 SLIN11 04-118 TF 032 12R1 P236 43 LIN12 04-129 CP 032 12T1 P236 18 LIP12 04-129 CP 132 12S1 P236 42 SLIN12 04-128 TF 032 13R1 P237 44 LIN13 04-139 CP 032 13T1 P237 19 LIP13 04-139 CP 132 13S1 P237 20 SLIN13 04-138 TF 032 14R1 P239 46 LIN14 04-149 CP 032 14T1 P239 21 LIP14 04-149 CP 132 14S1 P239 45 SLIN14 04-148 TF 032 15R1 P240 47 LIN15 04-159 CP 032 15T1 P240 22 LIP15 04-159 CP 132 15S1 P240 23 SLIN15 04-158 TF 032 16R1 P241 49 LIN16 04-169 CP 032 16T1 P241 24 LIP16 04-169 CP 132 16S1 P241 48 SLIN16 04-168 TF 032										(R) (W,X) TO CONN CKT SHD001 LOP7501 007 SHD001 04-019 CP 208 R,W,X CX1 108 LOP7501 04-019 CP 108 R,W,X J3 LIN01 LIP7501 032 LIN01 04-019 CP 032 R,W,X J4 CX2 133 LIP7501 04-019 CP 132 SHD002 LOP7502 007 SHD002 04-029 CP 208 R,W,X J5 CX3 108 LOP7502 04-029 CP 108 LIN02 LIP7502 032 LIN02 04-029 CP 032 R,W,X J6 CX4 133 LIP7502 04-029 CP 132 SHD003 LOP7503 007 SHD003 04-039 CP 008 R,W,X J7 CX5 108 LOP7503 04-039 CP 108 LIN03 LIP7503 032 LIN03 04-039 CP 032 R,W,X J8 CX6 133 LIP7503 04-039 CP 132 SHD004 LOP7504 007 SHD004 04-049 CP 208 R,W,X J9 CX7 108 LOP7504 04-049 CP 108 LIN04 LIP7504 032 LIN04 04-049 CP 032 R,W,X J10 CX8 133 LIP7504 04-049 CP 132 SHD005 LOP7505 007 SHD005 04-059 CP 208 R,W,X J11 CX9 108 LOP7505 04-059 CP 108 LIN05 LIP7505 032 LIN05 04-059 CP 032 R,W,X J12 CX10 133 LIP7505 04-059 CP 132 SHD006 LOP7506 007 SHD006 04-069 CP 008 R,W,X J13 CX11 108 LOP7506 04-069 CP 108 LIN06 LIP7506 032 LIN06 04-069 CP 032 R,W,X J14 CX12 133 LIP7506 04-069 CP 132									
(Y) CAD 005 2048 KBIT/S SHIELDED PAIR (NOTES 205 & 206)																													

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DIGITAL LINE TRUNK UNIT - EXPORT		DWG SIZE C2	ISSUE 2M
AT&T	SD-5X204-01		

PRINTED IN U.S.A.

(R) (W,X) CAD 006 (CONT'D)										(R) (W,X) CAD 006 (CONT'D)										(S,U) CAD 007 (CONT'D)											
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
(R,W,X)TO CONN CKT	SHD007 LOP7507	CX13	02-085	007 108	JACK/CP	SHD007 04-079 CP	208 108	R,W,X	R,W,X J15	(R,W,X)TO CONN CKT	SHD014 LOP7514	CX27	02-155	007 108	JACK/CP	SHD014 04-149 CP	008 108	R,W,X	R,W,X J29	(S,U)TO ERSM FACILITY INTERFACE UNIT	1A3TIST GRD04039	P009 013	04-039	1A3TIST GRD04039	04-039 CP	215	(S,U)	(S,U)			
(R,W,X)TO CONN CKT	LIN07 LIP7507	CX14	06-085	032 133	JACK/CP	LIN07 04-079 CP	032 132	R,W,X	J16	(R,W,X)TO CONN CKT	LIN14 LIP7514	CX28	06-155	032 133	JACK/CP	LIN14 04-149 CP	032 132	R,W,X	J30	(S,U)TO ERSM FACILITY INTERFACE UNIT	1A3LINCL GRD04039	P010 113	04-039	1A3LINCL GRD04039	04-039 CP	215	(S,U)	(S,U)			
(R,W,X)TO CONN CKT	SHD008 LOP7508	CX15	02-095	007 108	JACK/CP	SHD008 04-089 CP	008 108	R,W,X	R,W,X J17	(R,W,X)TO CONN CKT	SHD015 LOP7515	CX29	02-165	007 108	JACK/CP	SHD015 04-159 CP	208 108	R,W,X	R,W,X J31	(S,U)TO ERSM FACILITY INTERFACE UNIT	0A3TIST GRD04039	P011 016	04-039	0A3TIST GRD04039	04-039 CP	215	(S,U)	(S,U)			
(R,W,X)TO CONN CKT	LIN08 LIP7508	CX16	06-095	032 133	JACK/CP	LIN08 04-089 CP	032 132	R,W,X	J18	(R,W,X)TO CONN CKT	LIN15 LIP7515	CX30	06-165	032 133	JACK/CP	LIN15 04-159 CP	032 132	R,W,X	J32	(S,U)TO ERSM FACILITY INTERFACE UNIT	0A3LINCL GRD04039	P012 116	04-039	0A3LINCL GRD04039	04-039 CP	215	(S,U)	(S,U)			
(R,W,X)TO CONN CKT	SHD009 LOP7509	CX17	02-105	007 108	JACK/CP	SHD009 04-099 CP	208 108	R,W,X	R,W,X J19	(R,W,X)TO CONN CKT	SHD016 LOP7516	CX31	02-175	007 108	JACK/CP	SHD016 04-169 CP	008 108	R,W,X	R,W,X J33	(S,U)TO ERSM FACILITY INTERFACE UNIT	1A4TIST GRD04049	P013 013	04-049	1A4TIST GRD04049	04-049 CP	253	(S,U)	(S,U)			
(R,W,X)TO CONN CKT	LIN09 LIP7509	CX18	06-105	032 133	JACK/CP	LIN09 04-099 CP	032 132	R,W,X	J20	(R,W,X)TO CONN CKT	LIN16 LIP7516	CX32	06-175	032 133	JACK/CP	LIN16 04-169 CP	032 132	R,W,X	J34	(S,U)TO ERSM FACILITY INTERFACE UNIT	1A4LINCL GRD04049	P014 113	04-049	1A4LINCL GRD04049	04-049 CP	253	(S,U)	(S,U)			
(R,W,X)TO CONN CKT	SHD010 LOP7510	CX19	02-115	007 108	JACK/CP	SHD010 04-109 CP	208 108	R,W,X	R,W,X J21	(S,U)TO ERSM FACILITY INTERFACE UNIT	0A4TIST GRD04049	P015 016	04-049	0A4TIST GRD04049	04-049 CP	253	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)
(R,W,X)TO CONN CKT	LIN10 LIP7510	CX20	06-115	032 133	JACK/CP	LIN10 04-109 CP	032 132	R,W,X	J22	(S,U)TO ERSM FACILITY INTERFACE UNIT	0A4LINCL GRD04049	P016 116	04-049	0A4LINCL GRD04049	04-049 CP	253	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)
(R,W,X)TO CONN CKT	SHD011 LOP7511	CX21	02-125	007 108	JACK/CP	SHD011 04-119 CP	208 108	R,W,X	R,W,X J23	(S,U)TO ERSM FACILITY INTERFACE UNIT	1A5TIST GRD04059	P017 013	04-059	1A5TIST GRD04059	04-059 CP	253	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)
(R,W,X)TO CONN CKT	LIN11 LIP7511	CX22	06-125	032 133	JACK/CP	LIN11 04-119 CP	032 132	R,W,X	J24	(S,U)TO ERSM FACILITY INTERFACE UNIT	1A5LINCL GRD04059	P018 113	04-059	1A5LINCL GRD04059	04-059 CP	253	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)
(R,W,X)TO CONN CKT	SHD012 LOP7512	CX23	02-135	007 108	JACK/CP	SHD012 04-129 CP	208 108	R,W,X	R,W,X J25	(S,U)TO ERSM FACILITY INTERFACE UNIT	0A5TIST GRD04059	P019 016	04-059	0A5TIST GRD04059	04-059 CP	253	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)
(R,W,X)TO CONN CKT	LIN12 LIP7512	CX24	06-135	032 133	JACK/CP	LIN12 04-129 CP	032 132	R,W,X	J26	(S,U)TO ERSM FACILITY INTERFACE UNIT	0A5LINCL GRD04059	P020 116	04-059	0A5LINCL GRD04059	04-059 CP	253	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)
(R,W,X)TO CONN CKT	SHD013 LOP7513	CX25	02-145	007 108	JACK/CP	SHD013 04-139 CP	208 108	R,W,X	R,W,X J27	(S,U)TO ERSM FACILITY INTERFACE UNIT	1A6TIST GRD04069	P021 013	04-069	1A6TIST GRD04069	04-069 CP	035	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)
(R,W,X)TO CONN CKT	LIN13 LIP7513	CX26	06-145	032 133	JACK/CP	LIN13 04-139 CP	032 132	R,W,X	J28	(S,U)TO ERSM FACILITY INTERFACE UNIT	1A6LINCL GRD04069	P022 113	04-069	1A6LINCL GRD04069	04-069 CP	035	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)	(S,U)

(S,U) CAD 007

ERSM - FACILITY INTERFACE UNIT (NOTES 205 AND 206)

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DIGITAL LINE TRUNK UNIT - EXPORT

AT&T SD-5X204-01

DWG SIZE: 2Z ISSUE: 2M

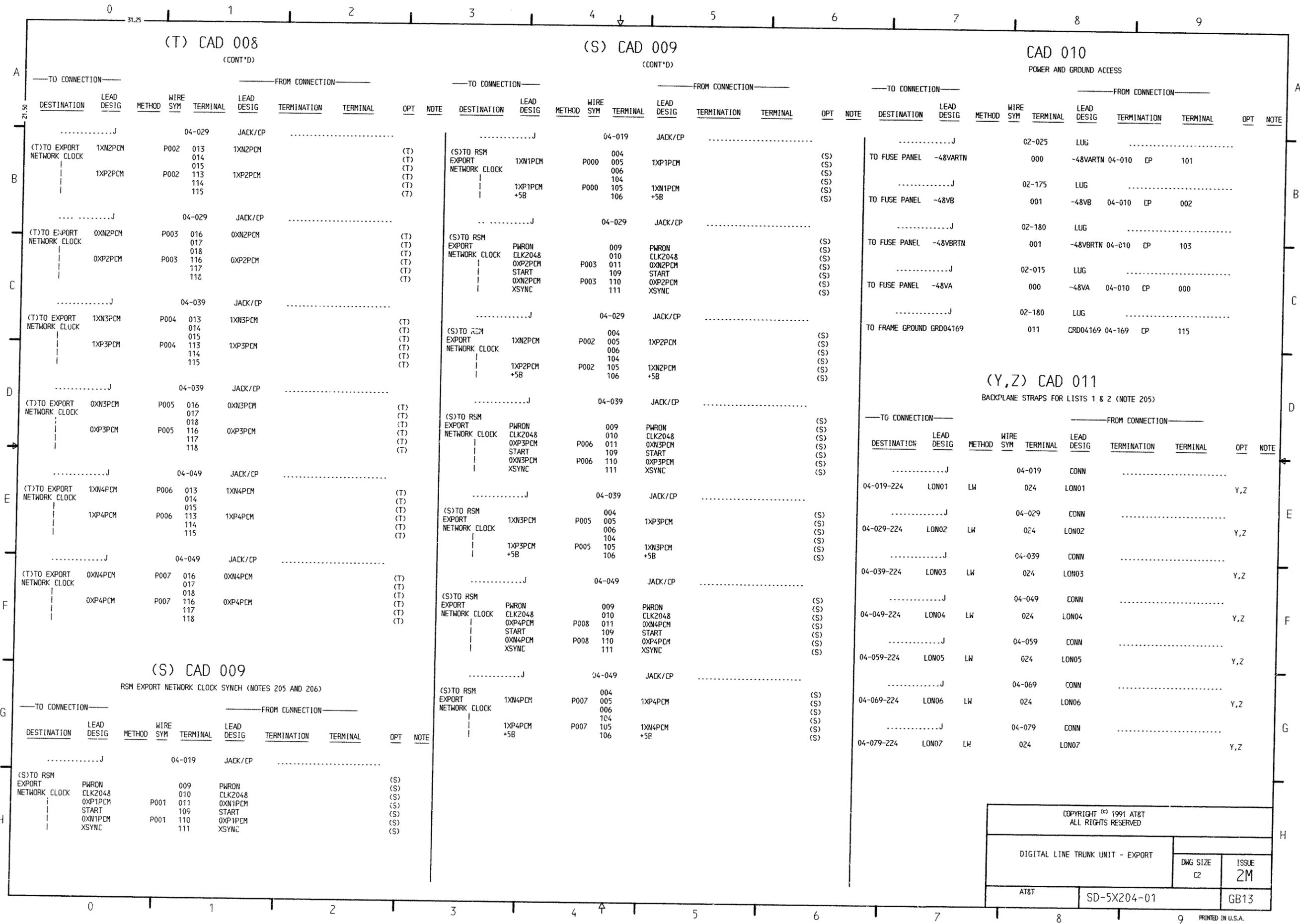
GB11

PRINTED IN U.S.A.

(S,U) CAD 007 (CONT'D)										(S,U) CAD 007 (CONT'D)										(S,U) CAD 007 (CONT'D)												
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION							
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE			
.....J					04-069	JACK/CP				J					04-109 (CONT'D)	JACK/CP				J					04-159	JACK/CP				
(S,U) TO ERSM FACILITY INTERFACE UNIT	0A6TIST GRD04069	P023	016	016	0A6TIST GRD04069	04-069	CP	035	(S,U)	(S,U) TO ERSM FACILITY INTERFACE UNIT	1A11TIST GRD04109	P040	018	018	1A11TIST GRD04109	04-109	CP	144	(S,U)	(S,U) TO ERSM FACILITY INTERFACE UNIT	1A15TIST GRD04159	P057	014	014	1A15TIST GRD04159	04-159	CP	144	(S,U)			
	0A6LINCL GRD04069	P024	018	018	0A6LINCL GRD04069	04-069	CP	035	(S,U)		1A11LINC GRD04109	P041	015	015	1A11LINC GRD04109	04-109	CP	144	(S,U)		1A15LINC GRD04159	P058	015	015	1A15LINC GRD04159	04-159	CP	144	(S,U)			
		P024	116	116								P042	113	113								P058	114	114								
		P024	118	118								P042	115	115								P058	115	115								
.....J					04-079	JACK/CP				J					04-119	JACK/CP				J					04-159	JACK/CP				
(S,U) TO ERSM FACILITY INTERFACE UNIT	1A7TIST GRD04079	P025	013	013	1A7TIST GRD04079	04-079	CP	253	(S,U)	(S,U) TO ERSM FACILITY INTERFACE UNIT	1A11TIST GRD04119	P041	014	014	1A11TIST GRD04119	04-119	CP	151	(S,U)	(S,U) TO ERSM FACILITY INTERFACE UNIT	0A15TIST GRD04159	P059	017	017	0A15TIST GRD04159	04-159	CP	144	(S,U)			
	1A7LINCL GRD04079	P026	014	014	1A7LINCL GRD04079	04-079	CP	253	(S,U)		1A11LINC GRD04119	P042	015	015	1A11LINC GRD04119	04-119	CP	151	(S,U)		0A15LINC GRD04159	P060	018	018	0A15LINC GRD04159	04-159	CP	144	(S,U)			
		P026	113	113								P042	114	114								P060	116	116								
		P026	115	115								P042	115	115								P060	118	118								
.....J					04-079	JACK/CP				J					04-119	JACK/CP				J					04-159	JACK/CP				
(S,U) TO ERSM FACILITY INTERFACE UNIT	0A7TIST GRD04079	P027	016	016	0A7TIST GRD04079	04-079	CP	253	(S,U)	(S,U) TO ERSM FACILITY INTERFACE UNIT	0A11TIST GRD04119	P043	016	016	0A11TIST GRD04119	04-119	CP	151	(S,U)	(S,U) TO ERSM FACILITY INTERFACE UNIT	1A16TIST GRD04169	P061	014	014	1A16TIST GRD04169	04-169	CP	115	(S,U)			
	0A7LINCL GRD04079	P028	017	017	0A7LINCL GRD04079	04-079	CP	253	(S,U)		0A11LINC GRD04119	P044	017	017	0A11LINC GRD04119	04-119	CP	151	(S,U)		1A16LINC GRD04169	P062	015	015	1A16LINC GRD04169	04-169	CP	115	(S,U)			
		P028	116	116								P044	117	117								P062	113	113								
		P028	118	118								P044	118	118								P062	114	114								
.....J					04-089	JACK/CP				J					04-129	JACK/CP				J					04-169	JACK/CP				
(S,U) TO ERSM FACILITY INTERFACE UNIT	1A8TIST GRD04089	P029	013	013	1A8TIST GRD04089	04-089	CP	215	(S,U)	(S,U) TO ERSM FACILITY INTERFACE UNIT	1A12TIST GRD04129	P045	014	014	1A12TIST GRD04129	04-129	CP	051	(S,U)	(S,U) TO ERSM FACILITY INTERFACE UNIT	0A16TIST GRD04169	P063	017	017	0A16TIST GRD04169	04-169	CP	115	(S,U)			
	1A8LINCL GRD04089	P030	014	014	1A8LINCL GRD04089	04-089	CP	215	(S,U)		1A12LINC GRD04129	P046	015	015	1A12LINC GRD04129	04-129	CP	051	(S,U)		0A16LINC GRD04169	P064	018	018	0A16LINC GRD04169	04-169	CP	115	(S,U)			
		P030	113	113								P046	114	114								P064	116	116								
		P030	115	115								P046	115	115								P064	118	118								
.....J					04-089	JACK/CP				J					04-129	JACK/CP				J					04-169	JACK/CP				
(S,U) TO ERSM FACILITY INTERFACE UNIT	0A8TIST GRD04089	P031	016	016	0A8TIST GRD04089	04-089	CP	215	(S,U)	(S,U) TO ERSM FACILITY INTERFACE UNIT	0A12TIST GRD04129	P047	016	016	0A12TIST GRD04129	04-129	CP	051	(S,U)	(S,U) TO ERSM FACILITY INTERFACE UNIT	1A16TIST GRD04169	P061	014	014	1A16TIST GRD04169	04-169	CP	115	(S,U)			
	0A8LINCL GRD04089	P032	017	017	0A8LINCL GRD04089	04-089	CP	215	(S,U)		0A12LINC GRD04129	P048	017	017	0A12LINC GRD04129	04-129	CP	051	(S,U)		1A16LINC GRD04169	P062	015	015	1A16LINC GRD04169	04-169	CP	115	(S,U)			
		P032	116	116								P048	117	117								P062	113	113								
		P032	118	118								P048	118	118								P062	114	114								
.....J					04-099	JACK/CP				J					04-139	JACK/CP				J					04-169	JACK/CP				
(S,U) TO ERSM FACILITY INTERFACE UNIT	1A9TIST GRD04099	P033	013	013	1A9TIST GRD04099	04-099	CP	215	(S,U)	(S,U) TO ERSM FACILITY INTERFACE UNIT	1A13TIST GRD04139	P049	014	014	1A13TIST GRD04139	04-139	CP	015	(S,U)	(S,U) TO ERSM FACILITY INTERFACE UNIT	0A16TIST GRD04169	P063	017	017	0A16TIST GRD04169	04-169	CP	115	(S,U)			
	1A9LINCL GRD04099	P034	014	014	1A9LINCL GRD04099	04-099	CP	215	(S,U)		1A13LINC GRD04139	P050	015	015	1A13LINC GRD04139	04-139	CP	015	(S,U)		0A16LINC GRD04169	P064	018	018	0A16LINC GRD04169	04-169	CP	115	(S,U)			
		P034	113	113								P050	114	114								P064	116	116								
		P034	115	115								P050	115	115								P064	118	118								
.....J					04-099	JACK/CP				J					04-139	JACK/CP				J					04-169	JACK/CP				
(S,U) TO ERSM FACILITY INTERFACE UNIT	0A9TIST GRD04099	P035	016	016	0A9TIST GRD04099	04-099	CP	215	(S,U)	(S,U) TO ERSM FACILITY INTERFACE UNIT	0A13TIST GRD04139	P051	016	016	0A13TIST GRD04139	04-139	CP	015	(S,U)	(S,U) TO ERSM FACILITY INTERFACE UNIT	1A16TIST GRD04169	P061	014	014	1A16TIST GRD04169	04-169	CP	115	(S,U)			
	0A9LINCL GRD04099	P036	017	017	0A9LINCL GRD04099	04-099	CP	215	(S,U)		0A13LINC GRD04139	P052	017	017	0A13LINC GRD04139	04-139	CP	015	(S,U)		1A16LINC GRD04169	P062	015	015	1A16LINC GRD04169	04-169	CP	115	(S,U)			
		P036	116	116								P052	117	117								P062	113	113								
		P036	118	118								P052	118	118								P062	114	114								
.....J					04-109	JACK/CP				J					04-149	JACK/CP				J					04-169	JACK/CP				
(S,U) TO ERSM FACILITY INTERFACE UNIT	1A10TIST GRD04109	P037	013	013	1A10TIST GRD04109	04-109	CP	144	(S,U)	(S,U) TO ERSM FACILITY INTERFACE UNIT	1A14TIST GRD04149	P053	014	014	1A14TIST GRD04149	04-149	CP	035	(S,U)	(S,U) TO ERSM FACILITY INTERFACE UNIT	0A16TIST GRD04169	P063	017	017	0A16TIST GRD04169	04-169	CP	115	(S,U)			
	1A10LINC GRD04109	P038	014	014	1A10LINC GRD04109	04-109	CP	144	(S,U)		1A14LINC GRD04149	P054	015	015	1A14LINC GRD04149	04-149	CP	035	(S,U)		0A16LINC GRD04169	P064	018	018	0A16LINC GRD04169	04-169	CP	115	(S,U)			
		P038	113	113								P054	114	114								P064	116	116								
		P038	115	115								P054	115	115								P064	118	118								
.....J					04-109	JACK/CP				J					04-149	JACK/CP				J					04-169	JACK/CP				
(S,U) TO ERSM FACILITY INTERFACE UNIT	0A10TIST GRD04109	P039	016	016	0A10TIST GRD04109	04-109	CP	144	(S,U)	(S,U) TO ERSM FACILITY INTERFACE UNIT	0A14TIST GRD04149	P055	017	017	0A14TIST GRD04149	04-149	CP	035	(S,U)	(S,U) TO ERSM FACILITY INTERFACE UNIT	1A16TIST GRD04169	P061	014	014	1A16TIST GRD04169	04-169	CP	115	(S,U)			
	0A10LINC	P040	017	017	0A10LINC							P055	018	018	0A14LINC GRD04149	04-149	CP	035	(S,U)		1A16LINC GRD04169	P062	015	015	1A16LINC GRD04169	04-169	CP	115	(S,U)			
		P040	116	116								P056	117	117								P062	113	113								
		P040	117	117								P056	118	118								P062	114	114								

(T) CAD 008
EXPORT NETWORK CLOCK SYNC (NOTES 205 & 206)

TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
.....J					04-019	JACK/CP				
(T) TO EXPORT NETWORK CLOCK	1XN1PCM	P000	013	013	1XN1PCM				(T)	
	1XP1PCM	P000	015	015	1XP1PCM				(T)	
			113	113					(T)	
			114	114					(T)	
			115	115					(T)	
.....J					04-019	JACK/CP				
(T) TO EXPORT NETWORK CLOCK	0XN1PCM	P001	016	016	0XN1PCM				(T)	
	0XP1PCM	P001	017	017	0XP1PCM				(T)	
			018	018					(T)	
			116	116					(T)	
			117	117					(T)	
			118	118					(T)	



(T) CAD 008
(CONT'D)

(S) CAD 009
(CONT'D)

CAD 010
POWER AND GROUND ACCESS

(Y,Z) CAD 011
BACKPLANE STRAPS FOR LISTS 1 & 2 (NOTE 205)

TO CONNECTION										FROM CONNECTION									
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
(T) TO EXPORT NETWORK CLOCK	1XN2PCM	P002		04-029	JACK/CP				(T)	(S) TO RSM EXPORT NETWORK CLOCK	1XN1PCM	P000		04-019	JACK/CP				(S)
	1XP2PCM	P002		013	1XN2PCM				(T)		1XP1PCM	P000		004	1XP1PCM				(S)
				014					(T)					005					(S)
				015					(T)					006					(S)
				113	1XP2PCM				(T)					104					(S)
				114					(T)					105	1XN1PCM				(S)
				115					(T)					106	+5B				(S)
(T) TO EXPORT NETWORK CLOCK	0XN2PCM	P003		04-029	JACK/CP				(T)	(S) TO RSM EXPORT NETWORK CLOCK	PWRON CLK2048			04-029	JACK/CP				(S)
	0XP2PCM	P003		016	0XN2PCM				(T)		0XP2PCM	P003		009	PWRON				(S)
				017					(T)					010	CLK2048				(S)
				018					(T)					011	0XN2PCM				(S)
				116	0XP2PCM				(T)					109	START				(S)
				117					(T)					110	0XP2PCM				(S)
				118					(T)					111	XSYNC				(S)
(T) TO EXPORT NETWORK CLOCK	1XN3PCM	P004		04-039	JACK/CP				(T)	(S) TO RSM EXPORT NETWORK CLOCK	1XN2PCM	P002		04-029	JACK/CP				(S)
	1XP3PCM	P004		013	1XN3PCM				(T)		1XP2PCM	P002		004	1XP2PCM				(S)
				014					(T)					005					(S)
				015					(T)					006					(S)
				113	1XP3PCM				(T)					104					(S)
				114					(T)					105	1XN2PCM				(S)
				115					(T)					106	+5B				(S)
(T) TO EXPORT NETWORK CLOCK	0XN3PCM	P005		04-039	JACK/CP				(T)	(S) TO RSM EXPORT NETWORK CLOCK	PWRON CLK2048			04-039	JACK/CP				(S)
	0XP3PCM	P005		016	0XN3PCM				(T)		0XP3PCM	P006		009	PWRON				(S)
				017					(T)					010	CLK2048				(S)
				018					(T)					011	0XN3PCM				(S)
				116	0XP3PCM				(T)					109	START				(S)
				117					(T)					110	0XN3PCM				(S)
				118					(T)					111	XSYNC				(S)
(T) TO EXPORT NETWORK CLOCK	1XN4PCM	P006		04-049	JACK/CP				(T)	(S) TO RSM EXPORT NETWORK CLOCK	1XN3PCM	P005		04-039	JACK/CP				(S)
	1XP4PCM	P006		013	1XN4PCM				(T)		1XP3PCM	P005		004	1XP3PCM				(S)
				014					(T)					005					(S)
				015					(T)					006					(S)
				113	1XP4PCM				(T)					104					(S)
				114					(T)					105	1XN3PCM				(S)
				115					(T)					106	+5B				(S)
(T) TO EXPORT NETWORK CLOCK	0XN4PCM	P007		04-049	JACK/CP				(T)	(S) TO RSM EXPORT NETWORK CLOCK	PWRON CLK2048			04-049	JACK/CP				(S)
	0XP4PCM	P007		016	0XN4PCM				(T)		0XP4PCM	P008		009	PWRON				(S)
				017					(T)					010	CLK2048				(S)
				018					(T)					011	0XN4PCM				(S)
				116	0XP4PCM				(T)					109	START				(S)
				117					(T)					110	0XP4PCM				(S)
				118					(T)					111	XSYNC				(S)
(S) TO RSM EXPORT NETWORK CLOCK	PWRON CLK2048			04-019	JACK/CP				(S)	(S) TO RSM EXPORT NETWORK CLOCK	1XN4PCM	P007		04-049	JACK/CP				(S)
	0XP1PCM	P001		009	PWRON				(S)		1XP4PCM	P007		004	1XP4PCM				(S)
	START			010	CLK2048				(S)					005					(S)
	0XN1PCM	P001		011	0XN1PCM				(S)					006					(S)
	XSYNC			109					(S)					104					(S)
				110	0XP1PCM				(S)					105	1XN4PCM				(S)
				111	XSYNC				(S)					106	+5B				(S)

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DIGITAL LINE TRUNK UNIT - EXPORT

DWG SIZE: C2
ISSUE: 2M

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(Y,Z) CAD 011 (CONT'D)										(X) CAD 012 (CONT'D)										(X) CAD 012 (CONT'D)													
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION								
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE				
04-089-224	J LON08	LW		024	04-089 CONN				Y,Z	04-069-032	J LIN06	LW		232	04-069 CONN					04-078-008	J SHD007	LW		008	04-079 CONN	04-079 CP	208		(X)				
04-099-224	J LON09	LW		024	04-099 CONN				Y,Z	04-079-032	J LIN07	LW		232	04-079 CONN						04-088-008	J SHD008	LW		008	04-089 CONN	04-089 CP	208		(X)			
04-109-224	J LON10	LW		024	04-109 CONN				Y,Z	04-089-032	J LIN08	LW		232	04-089 CONN						04-098-008	J SHD009	LW		008	04-099 CONN	04-099 CP	008		(X)			
04-119-224	J LON11	LW		024	04-119 CONN				Y,Z	04-099-032	J LIN09	LW		232	04-099 CONN						04-108-008	J SHD010	LW		008	04-109 CONN	04-109 CP	208		(X)			
04-129-224	J LON12	LW		024	04-129 CONN				Y,Z	04-109-032	J LIN10	LW		232	04-109 CONN						04-118-008	J SHD011	LW		008	04-119 CONN	04-119 CP	008		(X)			
04-139-224	J LON13	LW		024	04-139 CONN				Y,Z	04-119-032	J LIN11	LW		232	04-119 CONN						04-128-008	J SHD012	LW		008	04-129 CONN	04-129 CP	208		(X)			
04-149-224	J LON14	LW		024	04-149 CONN				Y,Z	04-129-032	J LIN12	LW		232	04-129 CONN						04-138-008	J SHD013	LW		008	04-139 CONN	04-139 CP	208		(X)			
04-159-224	J LON15	LW		024	04-159 CONN				Y,Z	04-139-032	J LIN13	LW		232	04-139 CONN						04-148-008	J SHD014	LW		008	04-149 CONN	04-149 CP	008		(X)			
04-169-224	J LON16	LW		024	04-169 CONN				Y,Z	04-149-032	J LIN14	LW		232	04-149 CONN						04-158-008	J SHD015	LW		008	04-159 CONN	04-159 CP	208		(X)			
(X) CAD 012 BACKPLANE STRAPS FOR LIST 3 (NOTE 205)										04-159-032	J LIN15	LW		232	04-159 CONN					04-168-008	J SHD016	LW		008	04-169 CONN	04-169 CP	208		(X)				
										04-169-032	J LIN16	LW		232	04-169 CONN						04-019-008	J SHD001	LW		208	04-019 CONN	04-019 CP	208		(X)			
										04-018-008	J SHD001	LW		008	04-019 CONN	04-019 CP	208					04-029-008	J SHD002	LW		208	04-029 CONN	04-029 CP	208		(X)		
										04-028-008	J SHD002	LW		008	04-029 CONN	04-029 CP	208						04-039-008	J SHD003	LW		208	04-039 CONN	04-039 CP	208		(X)	
										04-038-008	J SHD003	LW		008	04-039 CONN	04-039 CP	208						04-049-008	J SHD004	LW		208	04-049 CONN	04-049 CP	208		(X)	
										04-048-008	J SHD004	LW		008	04-049 CONN	04-049 CP	208						04-059-008	J SHD005	LW		208	04-059 CONN	04-059 CP	208		(X)	
										04-058-008	J SHD005	LW		008	04-059 CONN	04-059 CP	208						04-069-008	J SHD006	LW		008	04-069 CONN	04-069 CP	008		(X)	
										04-068-008	J SHD006	LW		008	04-069 CONN	04-069 CP	008																

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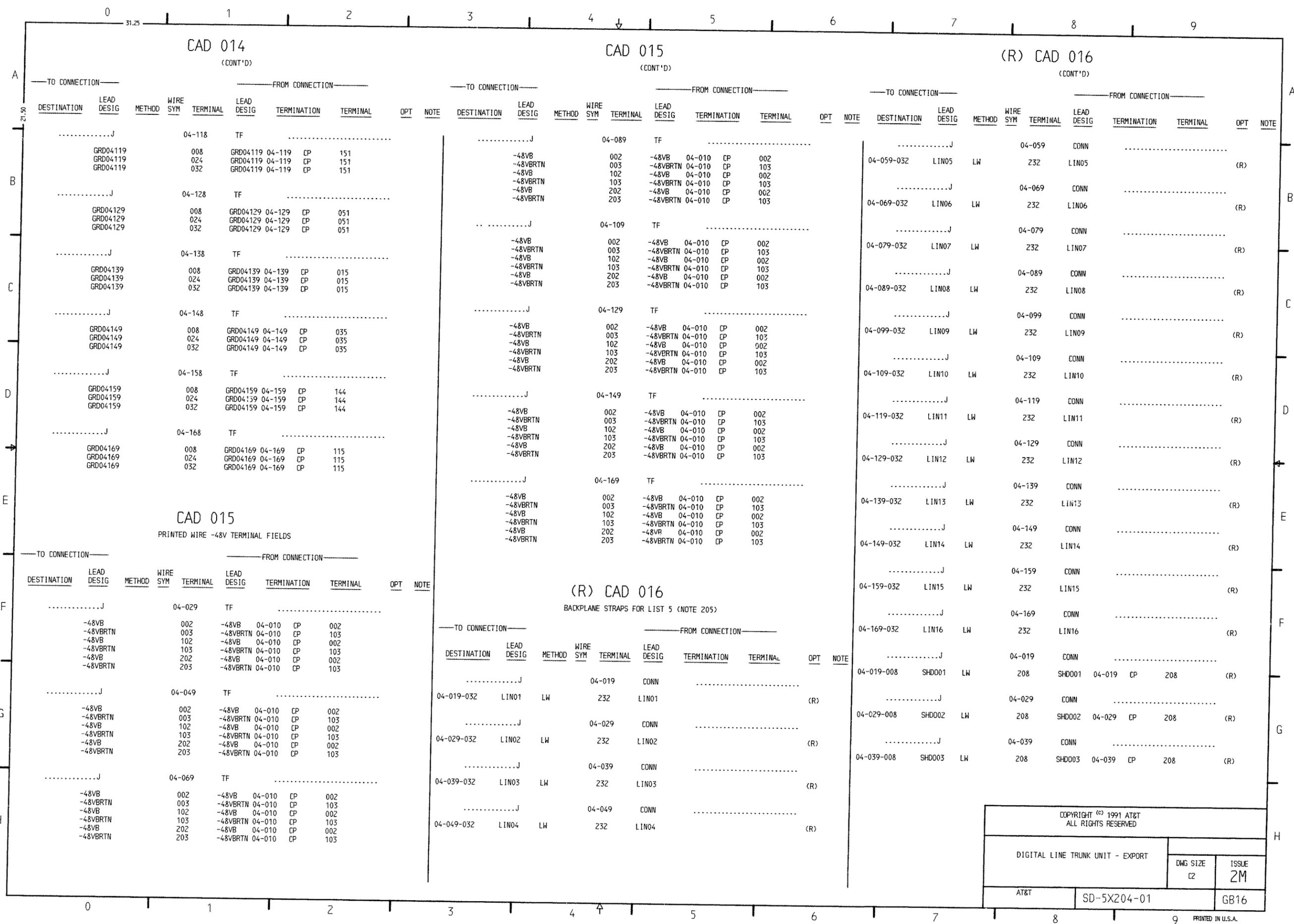
(X) CAD 012 (CONT'D)										(R,W,X) CAD 013 (CONT'D)										CAD 014 PRINTED WIRE GROUND TERMINAL FIELDS																
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION											
DESTINATION	LEAD DESIG	METHD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE							
04-069-008	SHD006	LW		04-069	CONN	04-069	CP	008	(X)	04-048	TF																									
04-079-008	SHD007	LW		04-079	CONN	04-079	CP	208	(X)	04-058	TF																									
04-089-008	SHD008	LW		04-089	CONN	04-089	CP	208	(X)	04-068	TF																									
04-099-008	SHD009	LW		04-099	CONN	04-099	CP	008	(X)	04-078	TF																									
04-109-008	SHD010	LW		04-109	CONN	04-109	CP	208	(X)	04-088	TF																									
04-119-008	SHD011	LW		04-119	CONN	04-119	CP	008	(X)	04-098	TF																									
04-129-008	SHD012	LW		04-129	CONN	04-129	CP	208	(X)	04-108	TF																									
04-139-008	SHD013	LW		04-139	CONN	04-139	CP	208	(X)	04-118	TF																									
04-149-008	SHD014	LW		04-149	CONN	04-149	CP	008	(X)	04-128	TF																									
04-159-008	SHD015	LW		04-159	CONN	04-159	CP	208	(X)	04-138	TF																									
04-169-008	SHD016	LW		04-169	CONN	04-169	CP	208	(X)	04-148	TF																									
(R,W,X) CAD 013 BACKPLANE STRAPS FOR LIST 4 (NOTE 205)																																				
04-019-008	LON01			04-018	TF					04-158	TF																									
04-029-008	LON02			04-028	TF					04-168	TF																									
04-039-008	LON03			04-038	TF																															

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DWG SIZE C2	ISSUE 2M
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CAD 014
(CONT'D)

CAD 015
(CONT'D)

(R) CAD 016
(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				04-118	TF				
GRD04119				008	GRD04119 04-119	CP	151		
GRD04119				024	GRD04119 04-119	CP	151		
GRD04119				032	GRD04119 04-119	CP	151		
.....J				04-128	TF				
GRD04129				008	GRD04129 04-129	CP	051		
GRD04129				024	GRD04129 04-129	CP	051		
GRD04129				032	GRD04129 04-129	CP	051		
.....J				04-138	TF				
GRD04139				008	GRD04139 04-139	CP	015		
GRD04139				024	GRD04139 04-139	CP	015		
GRD04139				032	GRD04139 04-139	CP	015		
.....J				04-148	TF				
GRD04149				008	GRD04149 04-149	CP	035		
GRD04149				024	GRD04149 04-149	CP	035		
GRD04149				032	GRD04149 04-149	CP	035		
.....J				04-158	TF				
GRD04159				008	GRD04159 04-159	CP	144		
GRD04159				024	GRD04159 04-159	CP	144		
GRD04159				032	GRD04159 04-159	CP	144		
.....J				04-168	TF				
GRD04169				008	GRD04169 04-169	CP	115		
GRD04169				024	GRD04169 04-169	CP	115		
GRD04169				032	GRD04169 04-169	CP	115		

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				04-089	TF				
				002	-48VB 04-010	CP	002		
				003	-48VBRTN 04-010	CP	103		
				102	-48VB 04-010	CP	002		
				103	-48VBRTN 04-010	CP	103		
				202	-48VB 04-010	CP	002		
				203	-48VBRTN 04-010	CP	103		
.....J				04-109	TF				
				002	-48VB 04-010	CP	002		
				003	-48VBRTN 04-010	CP	103		
				102	-48VB 04-010	CP	002		
				103	-48VBRTN 04-010	CP	103		
				202	-48VB 04-010	CP	002		
				203	-48VBRTN 04-010	CP	103		
.....J				04-129	TF				
				002	-48VB 04-010	CP	002		
				003	-48VBRTN 04-010	CP	103		
				102	-48VB 04-010	CP	002		
				103	-48VBRTN 04-010	CP	103		
				202	-48VB 04-010	CP	002		
				203	-48VBRTN 04-010	CP	103		
.....J				04-149	TF				
				002	-48VB 04-010	CP	002		
				003	-48VBRTN 04-010	CP	103		
				102	-48VB 04-010	CP	002		
				103	-48VBRTN 04-010	CP	103		
				202	-48VB 04-010	CP	002		
				203	-48VBRTN 04-010	CP	103		
.....J				04-169	TF				
				002	-48VB 04-010	CP	002		
				003	-48VBRTN 04-010	CP	103		
				102	-48VB 04-010	CP	002		
				103	-48VBRTN 04-010	CP	103		
				202	-48VB 04-010	CP	002		
				203	-48VBRTN 04-010	CP	103		

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				04-059	CONN				
04-059-032	LIN05	LW		232	LIN05				(R)
.....J				04-069	CONN				
04-069-032	LIN06	LW		232	LIN06				(R)
.....J				04-079	CONN				
04-079-032	LIN07	LW		232	LIN07				(R)
.....J				04-089	CONN				
04-089-032	LIN08	LW		232	LIN08				(R)
.....J				04-099	CONN				
04-099-032	LIN09	LW		232	LIN09				(R)
.....J				04-109	CONN				
04-109-032	LIN10	LW		232	LIN10				(R)
.....J				04-119	CONN				
04-119-032	LIN11	LW		232	LIN11				(R)
.....J				04-129	CONN				
04-129-032	LIN12	LW		232	LIN12				(R)
.....J				04-139	CONN				
04-139-032	LIN13	LW		232	LIN13				(R)
.....J				04-149	CONN				
04-149-032	LIN14	LW		232	LIN14				(R)
.....J				04-159	CONN				
04-159-032	LIN15	LW		232	LIN15				(R)
.....J				04-169	CONN				
04-169-032	LIN16	LW		232	LIN16				(R)
.....J				04-019	CONN				
04-019-008	SHD001	LW		208	SHD001	04-019	CP	208	(R)
.....J				04-029	CONN				
04-029-008	SHD002	LW		208	SHD002	04-029	CP	208	(R)
.....J				04-039	CONN				
04-039-008	SHD003	LW		208	SHD003	04-039	CP	208	(R)

CAD 015
PRINTED WIRE -48V TERMINAL FIELDS

(R) CAD 016
BACKPLANE STRAPS FOR LIST 5 (NOTE 205)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				04-029	TF				
-48VB				002	-48VB 04-010	CP	002		
-48VBRTN				003	-48VBRTN 04-010	CP	103		
-48VB				102	-48VB 04-010	CP	002		
-48VBRTN				103	-48VBRTN 04-010	CP	103		
-48VB				202	-48VB 04-010	CP	002		
-48VBRTN				203	-48VBRTN 04-010	CP	103		
.....J				04-049	TF				
-48VB				002	-48VB 04-010	CP	002		
-48VBRTN				003	-48VBRTN 04-010	CP	103		
-48VB				102	-48VB 04-010	CP	002		
-48VBRTN				103	-48VBRTN 04-010	CP	103		
-48VB				202	-48VB 04-010	CP	002		
-48VBRTN				203	-48VBRTN 04-010	CP	103		
.....J				04-069	TF				
-48VB				002	-48VB 04-010	CP	002		
-48VBRTN				003	-48VBRTN 04-010	CP	103		
-48VB				102	-48VB 04-010	CP	002		
-48VBRTN				103	-48VBRTN 04-010	CP	103		
-48VB				202	-48VB 04-010	CP	002		
-48VBRTN				203	-48VBRTN 04-010	CP	103		

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				04-019	CONN				
04-019-032	LIN01	LW		232	LIN01				(R)
.....J				04-029	CONN				
04-029-032	LIN02	LW		232	LIN02				(R)
.....J				04-039	CONN				
04-039-032	LIN03	LW		232	LIN03				(R)
.....J				04-049	CONN				
04-049-032	LIN04	LW		232	LIN04				(R)

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(R) CAD 016

(CONT'D)

TO CONNECTION		FROM CONNECTION							
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				04-049	CONN	.....		
04-049-008	SHD004	LW		208	SHD004	04-049 CP	208		(R)
.....J				04-059	CONN	.....		
04-059-008	SHD005	LW		208	SHD005	04-059 CP	208		(R)
.....J				04-069	CONN	.....		
04-069-008	SHD006	LW		208	SHD006	04-069 CP	008		(R)
.....J				04-079	CONN	.....		
04-079-008	SHD007	LW		208	SHD007	04-079 CP	208		(R)
.....J				04-089	CONN	.....		
04-089-008	SHD008	LW		208	SHD008	04-089 CP	208		(R)
.....J				04-099	CONN	.....		
04-099-008	SHD009	LW		208	SHD009	04-099 CP	008		(R)
.....J				04-109	CONN	.....		
04-109-008	SHD010	LW		208	SHD010	04-109 CP	208		(R)
.....J				04-119	CONN	.....		
04-119-008	SHD011	LW		208	SHD011	04-119 CP	008		(R)
.....J				04-129	CONN	.....		
04-129-008	SHD012	LW		208	SHD012	04-129 CP	208		(R)
.....J				04-139	CONN	.....		
04-139-008	SHD013	LW		208	SHD013	04-139 CP	208		(R)
.....J				04-149	CONN	.....		
04-149-008	SHD014	LW		208	SHD014	04-149 CP	008		(R)
.....J				04-159	CONN	.....		
04-159-008	SHD015	LW		208	SHD015	04-159 CP	208		(R)
.....J				04-169	CONN			
04-169-008	SHD016	LW		208	SHD016	04-169 CP	208		(R)

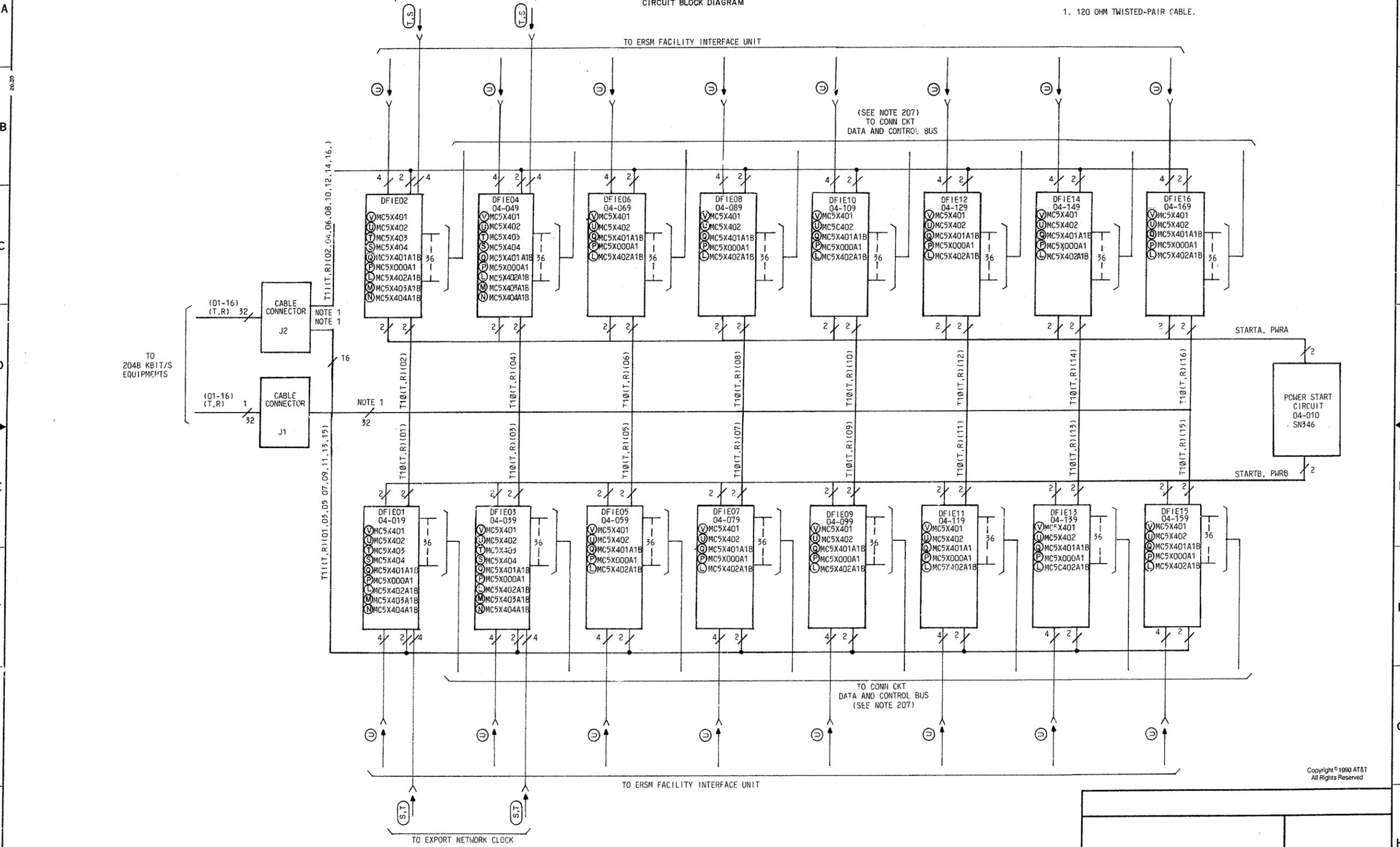
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		ISSUE 2M
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BD I

CIRCUIT BLOCK DIAGRAM

NOTES:
1. 120 OHM TWISTED-PAIR CABLE.

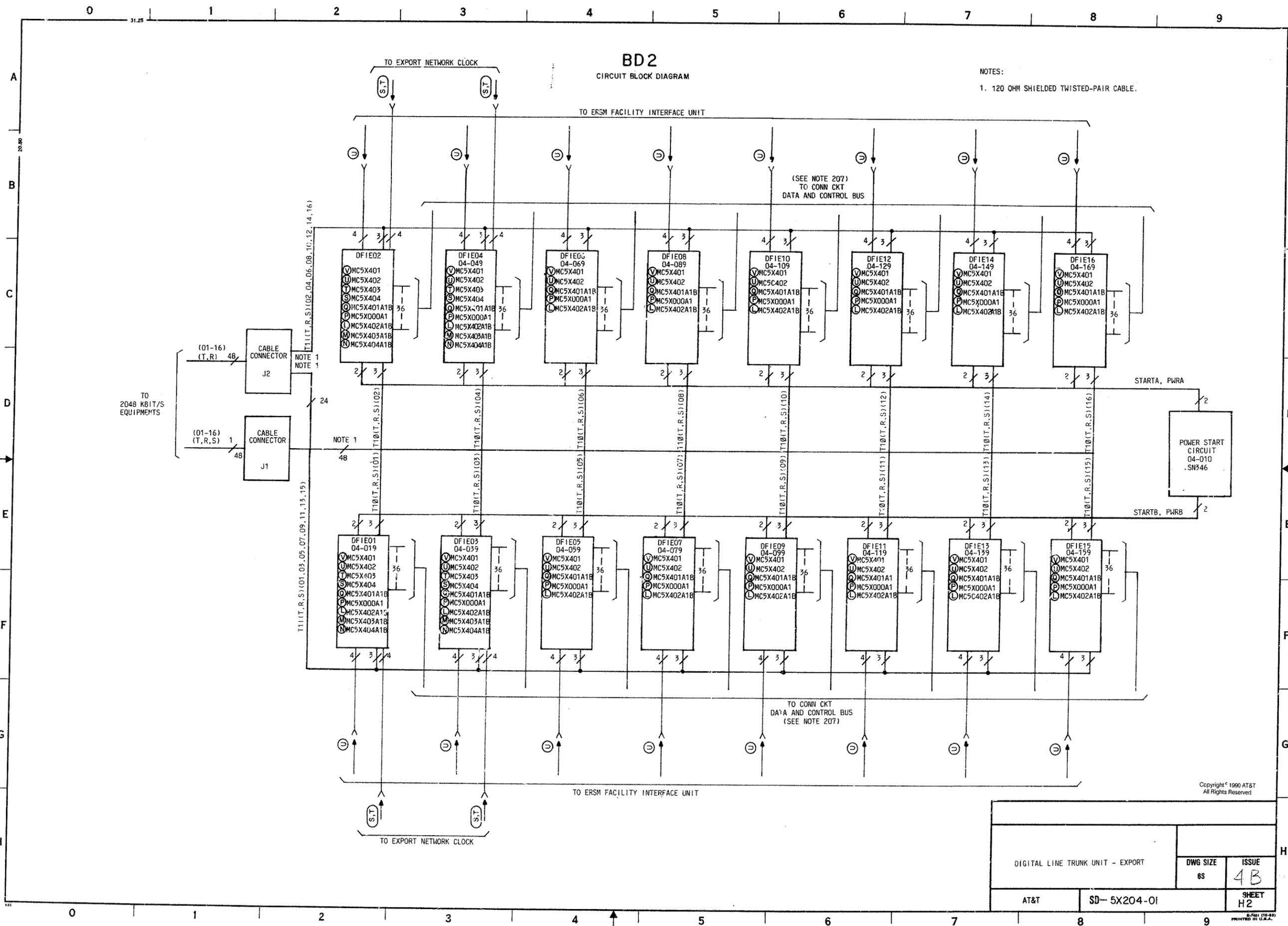


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		HI	

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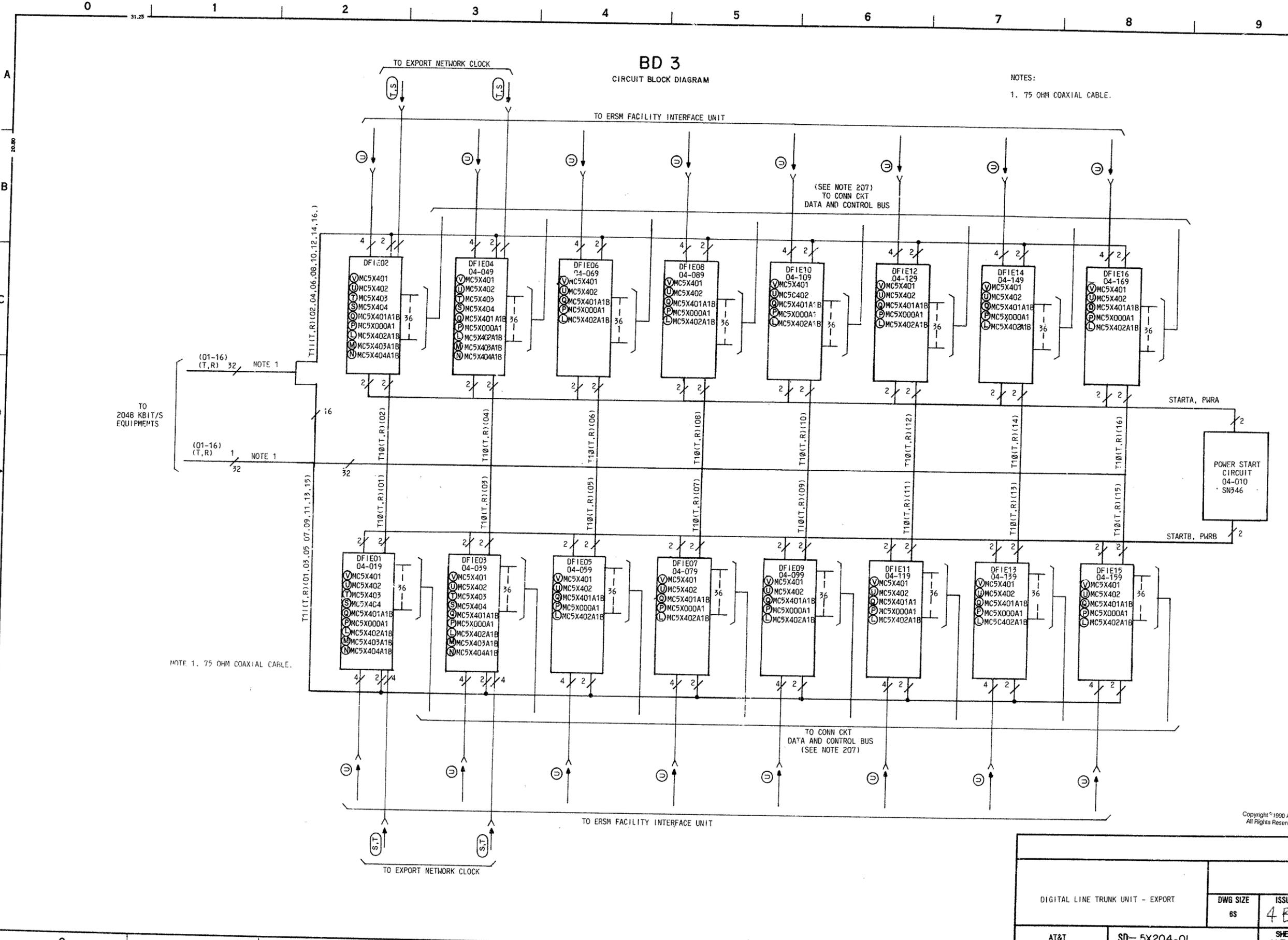
DIGITAL LINE TRUNK UNIT - EXPORT		DWG SIZE	ISSUE
		6S	4B
AT&T	SD-5X204-01	SHEET H2	

BD 3

CIRCUIT BLOCK DIAGRAM

NOTES:

1. 75 OHM COAXIAL CABLE.



TO 2048 KBIT/S EQUIPMENTS

NOTE 1. 75 OHM COAXIAL CABLE.

TO CONN CKT DATA AND CONTROL BUS (SEE NOTE 207)

POWER START CIRCUIT 04-010 SN346

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