SHEET INDEX

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SUPPORTING INFORMATION

SYSTEM USED ON	DESIGN CONTROL	CATEGORY	NO.
5ESS	IH	EQUIPMENT DRAWING	J5D020AJ-5

SHEET INDEX NOTES

1. ONLY THE LATEST ISSUE, OR ISSUES IF CONCURRENT, ARE SHOWN IN THE INDEX.
2. FOR REISSUES, A CHANGED OR NEW SHEET IS ASSIGNED THE SAME ISSUE NUMBER AS SHEET 1.
3. THE ISSUE NUMBER OF SHEET 1 IS RECOGNIZED AS THE ISSUE NUMBER OF THE WHOLE DRAWING.

BT13

5ESS® SWITCHING SYSTEMS
COMMUNICATIONS MODULE UNIT
CIRCUIT

DWG SIZE	ISSUE
C2	6M

Lucent Technologies | SD-5D513-01 | SHEET 47 A1

1 LEAD INDEX

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
+5PWR	PWCON_0		04-020	019	O	SC(+)	B1/F5	
+5PWR	PWCON_0		04-020	045	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	046	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	047	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	048	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	049	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	050	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	051	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	052	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	053	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	054	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	055	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	056	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	145	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	146	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	147	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	148	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	149	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	150	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	151	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	152	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	153	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	154	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	155	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	156	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	245	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	246	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	247	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	248	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	249	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	250	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	251	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	252	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	253	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	254	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	255	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	256	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	345	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	346	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	347	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	348	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	349	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	350	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	351	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	352	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	353	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	354	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	355	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_0		04-020	356	P	VOUT.1(+)	B1/F5	
+5PWR	PWCON_1		04-026	019	O	SC(+)	B2/E3	
+5PWR	PWCON_1		04-026	045	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	046	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	047	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	048	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	049	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	050	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	051	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	052	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	053	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	054	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	055	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	056	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	145	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	146	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	147	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	148	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	149	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	150	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	151	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	152	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	153	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	154	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	155	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	156	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	245	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	246	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	247	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	248	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	249	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	250	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	251	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	252	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	253	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	254	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	255	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	256	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	345	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	346	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	347	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	348	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	349	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	350	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	351	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	352	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	353	P	VOUT.1(+)	B2/E3	

2 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
+5PWR	PWCON_1		04-026	354	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	355	P	VOUT.1(+)	B2/E3	
+5PWR	PWCON_1		04-026	356	P	VOUT.1(+)	B2/E3	
+5PWR	IOP2		04-033	000	I	OOL30	B3/F1	
+5PWR	IOP2		04-033	005	P	VCC	B3/F1	
+5PWR	IOP2		04-033	024	P	VCC	B3/F1	
+5PWR	IOP2		04-033	032	P	VCC	B3/F1	
+5PWR	IOP2		04-033	056	P	VCC	B3/F1	
+5PWR	IOP2		04-033	200	I	OOL10	B3/F1	
+5PWR	IOP2		04-033	205	P	VCC	B3/F1	
+5PWR	IOP2		04-033	224	P	VCC	B3/F1	
+5PWR	IOP2		04-033	256	P	VCC	B3/F1	
+5PWR	IOP2		04-033	400	I	OOL20	B3/F1	
+5PWR	IOP2		04-033	405	P	VCC	B3/F1	
+5PWR	IOP2		04-033	424	P	VCC	B3/F1	
+5PWR	IOP2		04-033	432	P	VCC	B3/F1	
+5PWR	IOP2		04-033	456	P	VCC	B3/F1	
+5PWR	IOP2		04-033	605	P	VCC	B3/F1	
+5PWR	IOP2		04-033	624	P	VCC	B3/F1	
+5PWR	IOP2		04-033	632	P	VCC	B3/F1	
+5PWR	IOP2		04-033	656	P	VCC	B3/F1	
+5PWR	MSPP_044		04-044	000	P	VCC	B4/G3	
+5PWR	MSPP_044		04-044	001	P	VCC	B4/G3	
+5PWR	MSPP_044		04-044	100	P	VCC	B4/G3	
+5PWR	MSPP_044		04-044	101	P	VCC	B4/G3	
+5PWR	MSPP_044		04-044	210	I	+5PWR	B4/G3	
+5PWR	MSPP_044		04-044	215	I	+5PWR	B4/G3	
+5PWR	MSPP_044		04-044	309	I	+5PWR	B4/G3	
+5PWR	MSPP_044		04-044	310	I	+5PWR	B4/G3	
+5PWR	MSPP_044		04-044	315	I	+5PWR	B4/G3	
+5PWR	MSPP_044		04-044	323	I	+5PWR	B4/G3	
+5PWR	MIB_052		04-052	000	P	VCC	B5/F4	
+5PWR	MIB_052		04-052	001	P	VCC	B5/F4	
+5PWR	MIB_052		04-052	100	P	VCC	B5/F4	
+5PWR	MIB_052		04-052	101	P	VCC	B5/F4	
+5PWR	MIB_052		04-052	210	P	VCC	B5/F4	
+5PWR	MIB_052		04-052	310	P	VCC	B5/F4	
+5PWR	MSPP_060		04-060	000	P	VCC	B6/G3	
+5PWR	MSPP_060		04-060	001	P	VCC	B6/G3	
+5PWR	MSPP_060		04-060	100	P	VCC	B6/G3	
+5PWR	MSPP_060		04-060	101	P	VCC	B6/G3	
+5PWR	MSPP_060		04-060	210	I	+5PWR	B6/G3	
+5PWR	MSPP_060		04-060	215	I	+5PWR	B6/G3	
+5PWR	MSPP_060		04-060	309	I	+5PWR	B6/G3	
+5PWR	MSPP_060		04-060	310	I	+5PWR	B6/G3	
+5PWR	MSPP_060		04-060	315	I	+5PWR	B6/G3	
+5PWR	MSPP_060		04-060	323	I	+5PWR	B6/G3	
+5PWR	MIB_068		04-068	000	P	VCC	B7/F3	
+5PWR	MIB_068		04-068	001	P	VCC	B7/F3	
+5PWR	MIB_068		04-068	100	P	VCC	B7/F3	
+5PWR	MIB_068		04-068	101	P	VCC	B7/F3	
+5PWR	MIB_068		04-068	210	P	VCC	B7/F3	
+5PWR	MIB_068		04-068	310	P	VCC	B7/F3	
+5PWR	FPCC		04-074	000	P	VCC	B8/F3	
+5PWR	FPCC		04-074	001	P	VCC	B8/F3	
+5PWR	FPCC		04-074	100	P	VCC	B8/F3	
+5PWR	FPCC		04-074	101	P	VCC	B8/F3	
+5PWR	MSPP_082		04-082	000	P	VCC	B9/G3	
+5PWR	MSPP_082		04-082	001	P	VCC	B9/G3	
+5PWR	MSPP_082		04-082	100	P	VCC	B9/G3	
+5PWR	MSPP_082		04-082	101	P	VCC	B9/G3	
+5PWR	MSPP_082		04-082	210	I	+5PWR	B9/G3	
+5PWR	MSPP_082		04-082	215	I	+5PWR	B9/G3	
+5PWR	MSPP_082		04-082	309	I	+5PWR	B9/G3	
+5PWR	MSPP_082		04-082	310	I	+5PWR	B9/G3	
+5PWR	MSPP_082		04-082	315	I	+5PWR	B9/G3	
+5PWR	MSPP_082		04-082	323	I	+5PWR	B9/G3	
+5PWR	FPC		04-090	000	P	VCC	B10/F3	
+5PWR	FPC		04-090	001	P	VCC	B10/F3	
+5PWR	FPC		04-090	100	P	VCC	B10/F3	
+5PWR	FPC		04-090	101	P	VCC	B10/F3	
+5PWR	MSPP		04-098	000	P	VCC	B11/G3	
+5PWR	MSPP		04-098	001	P	VCC	B11/G3	
+5PWR	MSPP		04-098	100	P	VCC	B11/G3	
+5PWR	MSPP		04-098	101	P	VCC	B11/G3	
+5PWR	MSPP		04-098	210	I	+5PWR	B11/G3	
+5PWR	MSPP		04-098	215	I	+5PWR	B11/G3	
+5PWR	MSPP		04-098	309	I	+5PWR	B11/G3	
+5PWR	MSPP		04-098	310	I	+5PWR	B11/G3	
+5PWR	MSPP		04-098	315	I	+5PWR	B11/G3	
+5PWR	MSPP		04-098	323	I	+5PWR	B11/G3	
+5PWR	NCLK_SYN		04-132	000	P	VCC	B12/F6	
+5PWR	NCLK_SYN		04-132	001	P	VCC	B12/F6	
+5PWR	NCLK_SYN		04-132	100	P	VCC	B12/F6	
+5PWR	NCLK_SYN		04-132	101	P	VCC	B12/F6	
+5PWR	NCK_CONT		04-144	000	P	VCC	B13/F3	
+5PWR	NCK_CONT		04-144	001	P	VCC	B13/F3	
+5PWR	NCK_CONT		04-144	011	P	VCC	B13/F3	
+5PWR	NCK_CONT		04-144	014	I	PVPPIN	B13/F3	
+5PWR	NCK_CONT		04-144	015	I	EPRVCC	B13/F3	
+5PWR	NCK_CONT		04-144	100	P	VCC	B13/F3	
+5PWR	NCK_CONT		04-144	101	P	VCC	B13/F3	
+5PWR	TMS_CONT		04-152	000	P	VCC	B14/F3	
+5PWR	TMS_CONT		04-152	001	P	VCC	B14/F3	
+5PWR	TMS_CONT		04-152	024	P	VTT	B14/F3	

3 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
+5PWR	TMS_CONT		04-152	046	P	VCC	B14/F3	
+5PWR	TMS_CONT		04-152	100	P	VCC	B14/F3	
+5PWR	TMS_CONT		04-152	101	P	VCPP	B14/F3	
+5PWR	TMS_CONT		04-152	109	P	VCC	B14/F3	
+5PWR	TMS_CONT		04-152	124	P	VTT	B14/F3	
+5PWR	TMS_CONT		04-152	146	P	VCC	B14/F3	
+5PWR	TMS_CONT		04-152	246	P	VCC	B14/F3	
+5PWR	TMS_CONT		04-152	339	I	VPPEPRM	B14/F3	
+5PWR	CCI		04-160	000	P	VCC	B15/F2	
+5PWR	CCI		04-160	001	P	VCC	B15/F2	
+5PWR	CCI		04-160	011	P	VCC	B15/F2	
+5PWR	CCI		04-160	024	P	VCC	B15/F2	
+5PWR	CCI		04-160	046	P	VCC	B15/F2	
+5PWR	CCI		04-160	100	P	VCC	B15/F2	
+5PWR	CCI		04-160	101	P	VCC	B15/F2	
+5PWR	CCI		04-160	124	P	VCC	B15/F2	
+5PWR	CCI		04-160	146	P	VCC	B15/F2	
+5PWR	CCI		04-160	309	O	NC5	B15/F2	
+5PWR	CCI		04-160	315	O	NC6	B15/F2	*
+5PWR	CCI		04-160	334	O	NC7	B15/F2	*
+5PWR	CCI		04-160	354	O	NC8	B15/F2	*
+5PWR	LDT162A		04-162A	BC2	P	TX+5V	B15/C0	
+5PWR	LDT162A		04-162A	BL	P	RX+5V	B15/C0	
+5PWR	LDT162B		04-162B	BC	P	TX+5V	B15/C8	
+5PWR	LDT162B		04-162B	BL2	P	RX+5V	B15/C8	
+5PWR	SMLI		04-168	109	P	VCC	B16/F2	
+5PWR	SMLI		04-168	202	P	VCC	B16/F2	
+5PWR	SMLI		04-168	208	P	VCC	B16/F2	
+5PWR	SMLI		04-168	213	P	VCC	B16/F2	
+5PWR	SMLI		04-168	244	P	VCC	B16/F2	
+5PWR	SMLI		04-168	309	P	VCC	B16/F2	
+5PWR	SMLI		04-168	315	P	VCC	B16/F2	
+5PWR	SMLI		04-168	319	P	VCC	B16/F2	
+5PWR	SMLI		04-168	332	P	VCC	B16/F2	
+5PWR	SMLI		04-168	334	P	VCC	B16/F2	
+5PWR	SMLI		04-168	351	P	VCC	B16/F2	
+5PWR	SMLI		04-168	354	P	VCC	B16/F2	
+5PWR	SMLI		04-168	356	P	VCC	B16/F2	
+5PWR	LDT170A		04-170A	BC2	P	TX+5V	B16/G0	
+5PWR	LDT170A		04-170A	BL	P	RX+5V	B16/G0	
+5PWR	LDT170B		04-170B	BC	P	TX+5V	B16/G8	
+5PWR	LDT170B		04-170B	BL2	P	RX+5V	B16/G8	
+5PWR	DMI3		04-176	000	P	VCC	B17/G1	
+5PWR	DMI3		04-176	001	P	VCC	B17/G1	
+5PWR	DMI3		04-176	100	P	VCC	B17/G1	
+5PWR	DMI3		04-176	101	P	VCC	B17/G1	
-48A	02-018		02-018	003	P		B18/A1	*
-48A	-48A		02-018-003	1	P	PWR1	B18/A2	
-48A	-48A		02-018-003	2	P	PWR2	B18/A2	
-48A	-48A		02-018-003	3	P	PWR3	B18/A2	
-48A	-48A		02-018-003	4	P	PWR4	B18/A2	
-48A	CD		04-008	006	P	-48V	B1/E1	
-48A	CD		04-008	007	P	-48V	B1/E1	
-48A	CD		04-008	008	P	-48V	B1/E1	
-48A	CD		04-008	106	P	-48V	B1/E1	
-48A	CD		04-008	107	P	-48V	B1/E1	
-48A	CD		04-008	108	P	-48V	B1/E1	
-48A	PWCON_0		04-020	006	I	VIN(-)	B1/F5	
-48A	PWCON_0		04-020	007	I	VIN(-)	B1/F5	
-48A	PWCON_0		04-020	008	I	VIN(-)	B1/F5	
-48A	PWCON_0		04-020	106	I	VIN(-)	B1/F5	
-48A	PWCON_0		04-020	107	I	VIN(-)	B1/F5	
-48A	PWCON_0		04-020	108	I	VIN(-)	B1/F5	
-48A	PWCON_0		04-020	206	I	VIN(-)	B1/F5	
-48A	PWCON_0		04-020	207	I	VIN(-)	B1/F5	
-48A	PWCON_0		04-020	208	I	VIN(-)	B1/F5	
-48A	PWCON_0		04-020	306	I	VIN(-)	B1/F5	
-48A	PWCON_0		04-020	307	I	VIN(-)	B1/F5	
-48A	PWCON_0		04-020	308	I	VIN(-)	B1/F5	
-48A	PWCON_1		04-026	006	I	VIN(-)	B2/E3	
-48A	PWCON_1		04-026	007	I	VIN(-)	B2/E3	
-48A	PWCON_1		04-026	008	I	VIN(-)	B2/E3	
-48A	PWCON_1		04-026	106	I	VIN(-)	B2/E3	
-48A	PWCON_1		04-026	107	I	VIN(-)	B2/E3	

COMMUNICATIONS MODULE UNIT

DWG SIZE	ISSUE
C2	6M

Lucent Technologies	SD-5D513-01	SHEET
		A2

4 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
-48A	PWCON_1		04-026	108	I	VIN(-)	B2/E3	
-48A	PWCON_1		04-026	206	I	VIN(-)	B2/E3	
-48A	PWCON_1		04-026	207	I	VIN(-)	B2/E3	
-48A	PWCON_1		04-026	208	I	VIN(-)	B2/E3	
-48A	PWCON_1		04-026	306	I	VIN(-)	B2/E3	
-48A	PWCON_1		04-026	307	I	VIN(-)	B2/E3	
-48A	PWCON_1		04-026	308	I	VIN(-)	B2/E3	
-48AR	02-014		02-014	003	P		B18/B1	*
-48AR	-48AR		02-014-003	1	G	GRD1	B18/B2	
-48AR	-48AR		02-014-003	2	G	GRD2	B18/B2	
-48AR	-48AR		02-014-003	3	G	GRD3	B18/B2	
-48AR	-48AR		02-014-003	4	G	GRD4	B18/B2	
-48AR	CD		04-008	000	G	48RTN	B1/E1	
-48AR	CD		04-008	002	I	WDELEN0	B1/E1	
-48AR	CD		04-008	003	G	48RTN	B1/E1	
-48AR	CD		04-008	005	O	ARST0	B1/E1	
-48AR	CD		04-008	101	I	YDELEN0	B1/E1	
-48AR	CD		04-008	102	G	48RTN	B1/E1	
-48AR	CD		04-008	103	G	48RTN	B1/E1	
-48AR	CD		04-008	104	G	48RTN	B1/E1	
-48AR	CD		04-008	105	I	PRSTINH0	B1/E1	
-48AR	CD		04-008	149	I	ZRTN	B1/E1	
-48AR	PWCON_0		04-020	003	I	VIN(+)	B1/F5	
-48AR	PWCON_0		04-020	004	I	VIN(+)	B1/F5	
-48AR	PWCON_0		04-020	005	I	VIN(+)	B1/F5	
-48AR	PWCON_0		04-020	102	I	VIN(+)	B1/F5	
-48AR	PWCON_0		04-020	103	I	VIN(+)	B1/F5	
-48AR	PWCON_0		04-020	104	I	VIN(+)	B1/F5	
-48AR	PWCON_0		04-020	203	I	VIN(+)	B1/F5	
-48AR	PWCON_0		04-020	204	I	VIN(+)	B1/F5	
-48AR	PWCON_0		04-020	205	I	VIN(+)	B1/F5	
-48AR	PWCON_0		04-020	302	I	VIN(+)	B1/F5	
-48AR	PWCON_0		04-020	303	I	VIN(+)	B1/F5	
-48AR	PWCON_0		04-020	304	I	VIN(+)	B1/F5	
-48AR	PWCON_1		04-026	003	I	VIN(+)	B2/E3	
-48AR	PWCON_1		04-026	004	I	VIN(+)	B2/E3	
-48AR	PWCON_1		04-026	005	I	VIN(+)	B2/E3	
-48AR	PWCON_1		04-026	102	I	VIN(+)	B2/E3	
-48AR	PWCON_1		04-026	103	I	VIN(+)	B2/E3	
-48AR	PWCON_1		04-026	104	I	VIN(+)	B2/E3	
-48AR	PWCON_1		04-026	203	I	VIN(+)	B2/E3	
-48AR	PWCON_1		04-026	204	I	VIN(+)	B2/E3	
-48AR	PWCON_1		04-026	205	I	VIN(+)	B2/E3	
-48AR	PWCON_1		04-026	302	I	VIN(+)	B2/E3	
-48AR	PWCON_1		04-026	303	I	VIN(+)	B2/E3	
-48AR	PWCON_1		04-026	304	I	VIN(+)	B2/E3	
-48B	02-108		02-108	003	P		B18/A6	*
-48B	-48B		02-108-003	1	P	PWR1	B18/A7	
-48B	-48B		02-108-003	2	P	PWR2	B18/A7	
-48B	-48B		02-108-003	3	P	PWR3	B18/A7	
-48B	-48B		02-108-003	4	P	PWR4	B18/A7	
-48B	NCLK_OSC		04-122	000	I	-48VIN1	B12/E1	
-48B	NCLK_OSC		04-122	100	I	-48VIN2	B12/E1	
-48BR	02-104		02-104	003	P		B18/B6	*
-48BR	-48BR		02-104-003	1	G	GRD1	B18/B7	
-48BR	-48BR		02-104-003	2	G	GRD2	B18/B7	
-48BR	-48BR		02-104-003	3	G	GRD3	B18/B7	
-48BR	-48BR		02-104-003	4	G	GRD4	B18/B7	
-48BR	NCLK_OSC		04-122	001	I	-48VRTN1	B12/E1	
-48BR	NCLK_OSC		04-122	101	I	-48VRTN2	B12/E1	
0ACCDALR	FPCC		04-074	423	O	0ACCDALR	B8/F3	*
0ACTCDAL	FPCC		04-074	523	O	0ACTCDAL	B8/F3	*
0CLK	DMI3		04-176	435	I	0CLK	B17/G1	*
0CLKNA0	MIB_052		04-052	235	I	0CLKN	B5/F4	*
0CLKNA0	04-066		04-066	034	I		B5/B2	*
0CLKNA1	04-066		04-066	048	I		B7/B2	*
0CLKNA1	MIB_068		04-068	235	I	0CLKN	B7/F3	*
0CLKNA3	FPC		04-090	235	I	0CLKN	B10/F3	*
0CLKPA0	MIB_052		04-052	335	I	0CLKP	B5/F4	*
0CLKPA0	04-066		04-066	134	I		B5/C2	*
0CLKPA1	04-066		04-066	148	I		B7/B2	*
0CLKPA1	MIB_068		04-068	335	I	0CLKP	B7/F3	*
0CLKPA3	FPC		04-090	335	I	0CLKP	B10/F3	*
0CLKR	DMI3		04-176	535	I	0CLKR	B17/G1	*
0DIN	DMI3		04-176	538	I	0DIN	B17/G1	*
0DINR	DMI3		04-176	438	I	0DINR	B17/G1	*
0DMIINT	DMI3		04-176	552	O	0DMIINT	B17/G1	*
0DMIINTR	DMI3		04-176	452	O	0DMIINTR	B17/G1	*

5 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
0DMISEL	DMI3		04-176	554	I	0DMISEL	B17/G1	*
0DMISELR	DMI3		04-176	454	I	0DMISELR	B17/G1	*
0DOUT	DMI3		04-176	537	O	0DOUT	B17/G1	*
0DOUTR	DMI3		04-176	437	O	0DOUTR	B17/G1	*
0FPCACT	DMI3		04-176	542	I	0FPCACT	B17/G1	*
0FPCACTR	DMI3		04-176	442	I	0FPCACTR	B17/G1	*
0GO	DMI3		04-176	436	I	0GO	B17/G1	*
0GOR	DMI3		04-176	536	I	0GOR	B17/G1	*
0LISEL0	FPCC		04-074	415	O	0LISEL0	B8/F3	*
0LISEL1	FPCC		04-074	515	O	0LISEL1	B8/F3	*
0NCINT	DMI3		04-176	539	O	0NCINT	B17/G1	*
0NCINTR	DMI3		04-176	439	O	0NCINTR	B17/G1	*
0NCKSEL0	FPCC		04-074	414	O	0NCKSEL0	B8/F3	*
0NCKSEL1	FPCC		04-074	514	O	0NCKSEL1	B8/F3	*
0NCSEL	DMI3		04-176	433	I	0NCSEL	B17/G1	*
0NCSELR	DMI3		04-176	533	I	0NCSELR	B17/G1	*
0RDATAN0	MIB_052		04-052	237	I	0RDATAN	B5/F4	*
0RDATAN0	04-066		04-066	036	I		B5/C2	*
0RDATAN1	04-066		04-066	050	I		B7/C2	*
0RDATAN1	MIB_068		04-068	237	I	0RDATAN	B7/F3	*
0RDATAN3	FPC		04-090	237	I	0RDATAN	B10/F3	*
0RDATAP0	MIB_052		04-052	337	I	0RDATAP	B5/F4	*
0RDATAP0	04-066		04-066	136	I		B5/C2	*
0RDATAP1	04-066		04-066	150	I		B7/C2	*
0RDATAP1	MIB_068		04-068	337	I	0RDATAP	B7/F3	*
0RDATAP3	FPC		04-090	337	I	0RDATAP	B10/F3	*
0SA+	PWCON_0		04-020	018	O	SA(+)	B1/F5	
0SA+	PWCON_0		04-020	118	O	SB(+)	B1/F5	
0SACDALR	FPCC		04-074	422	I	0SACDALR	B8/F3	*
0STACDAL	FPCC		04-074	522	I	0STACDAL	B8/F3	*
0SYNCNA0	MIB_052		04-052	234	I	0SYNCN	B5/F4	*
0SYNCNA0	04-066		04-066	033	I		B5/D2	*
0SYNCNA1	04-066		04-066	047	I		B7/C2	*
0SYNCNA1	MIB_068		04-068	234	I	0SYNCN	B7/F3	*
0SYNCNA3	FPC		04-090	234	I	0SYNCN	B10/F3	*
0SYNCPA0	MIB_052		04-052	334	I	0SYNCP	B5/F4	*
0SYNCPA0	04-066		04-066	133	I		B5/D2	*
0SYNCPA1	04-066		04-066	147	I		B7/D2	*
0SYNCPA1	MIB_068		04-068	334	I	0SYNCP	B7/F3	*
0SYNCPA3	FPC		04-090	334	I	0SYNCP	B10/F3	*
0TDATAN0	MIB_052		04-052	236	O	0TDATAN	B5/F4	*
0TDATAN0	04-066		04-066	035	O		B5/E8	*
0TDATAN1	04-066		04-066	049	O		B7/D7	*
0TDATAN1	MIB_068		04-068	236	O	0TDATAN	B7/F3	*
0TDATAN3	FPC		04-090	236	O	0TDATAN	B10/F3	*
0TDATAP0	MIB_052		04-052	336	O	0TDATAP	B5/F4	*
0TDATAP0	04-066		04-066	135	O		B5/E8	*
0TDATAP1	04-066		04-066	149	O		B7/E7	*
0TDATAP1	MIB_068		04-068	336	O	0TDATAP	B7/F3	*
0TDATAP3	FPC		04-090	336	O	0TDATAP	B10/F3	*
0TMSINT	DMI3		04-176	553	O	0TMSINT	B17/G1	*
0TMSINTR	DMI3		04-176	453	O	0TMSINTR	B17/G1	*
0TMSRDY	DMI3		04-176	556	O	0TMSRDY	B17/G1	*
0TMSRDYR	DMI3		04-176	456	O	0TMSRDYR	B17/G1	*

6 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
0TMSRQT	DMI3		04-176	543	O	0TMSRQT	B17/G1	*
0TMSRQTR	DMI3		04-176	443	O	0TMSRQTR	B17/G1	*
0TMSRST	DMI3		04-176	551	I	0TMSRST	B17/G1	*
0TMSRSTR	DMI3		04-176	451	I	0TMSRSTR	B17/G1	*
0TMSSEL	DMI3		04-176	555	I	0TMSSEL	B17/G1	*
0TMSSELR	DMI3		04-176	455	I	0TMSSELR	B17/G1	*
0TMSSR0	FPCC		04-074	524	I	0TMSSR0	B8/F3	*
0TMSSR1	FPCC		04-074	424	I	0TMSSR1	B8/F3	*
0TRCLK0	FPCC		04-074	416	O	0TRCLK0	B8/F3	*
0TRCLK1	FPCC		04-074	516	O	0TRCLK1	B8/F3	*
0TRMDAT1	FPCC		04-074	519	O	0TRMDAT1	B8/F3	*
0WIACT	DMI3		04-176	541	O	0WIACT	B17/G1	*
0WIACTR	DMI3		04-176	441	O	0WIACTR	B17/G1	*
1ACCDALR	FPCC		04-074	455	O	1ACCDALR	B8/F3	*
1ACTCDAL	FPCC		04-074	555	O	1ACTCDAL	B8/F3	*
1CLK	DMI3		04-176	235	I	1CLK	B17/G1	*
1CLKNA0	MIB_052		04-052	240	I	1CLKN	B5/F4	*
1CLKNA0	04-066		04-066	039	I		B5/B2	*
1CLKNA1	04-066		04-066	053	I		B7/B2	*
1CLKNA1	MIB_068		04-068	240	I	1CLKN	B7/F3	*
1CLKNA3	FPC		04-090	240	I	1CLKN	B10/F3	*
1CLKPA0	MIB_052		04-052	340	I	1CLKP	B5/F4	*
1CLKPA0	04-066		04-066	139	I		B5/C2	*
1CLKPA1	04-066		04-066	153	I		B7/C2	*
1CLKPA1	MIB_068		04-068	340	I	1CLKP	B7/F3	*
1CLKPA3	FPC		04-090	340	I	1CLKP	B10/F3	*
1CLKR	DMI3		04-176	335	I	1CLKR	B17/G1	*
1DIN	DMI3		04-176	338	I	1DIN	B17/G1	*
1DINR	DMI3		04-176	238	I	1DINR	B17/G1	*
1DMIINT	DMI3		04-176	352	O	1DMIINT	B17/G1	*
1DMIINTR	DMI3		04-176	252	O	1DMIINTR	B17/G1	*
1DMISEL	DMI3		04-176	354	I	1DMISEL	B17/G1	*
1DMISELR	DMI3		04-176	254	I	1DMISELR	B17/G1	*
1DOUT	DMI3		04-176	337	O	1DOUT	B17/G1	*
1DOUTR	DMI3		04-176	237	O	1DOUTR	B17/G1	*
1FPCACT	DMI3		04-176	342	I	1FPCACT	B17/G1	*
1FPCACTR	DMI3		04-176	242	I	1FPCACTR	B17/G1	*
1GO	DMI3		04-176	236	I	1GO	B17/G1	*
1GOR	DMI3		04-176	336	I	1GOR	B17/G1	*
1MPF0	04-006		04-006	116	O		B1/B1	*
1MPF0	CD		04-008	140	O	1MPF0	B1/E1	

COMMUNICATIONS MODULE UNIT

DWG SIZE C2 | ISSUE 5B

AT&T | SD-5D513-01 | SHEET A3

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7 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1NCINT	DMI3		04-176	339	O	1NCINT	B17/G1	*
1NCINTR	DMI3		04-176	239	O	1NCINTR	B17/G1	*
1NCKIT10	FPCC		04-074	552	I	1NCKIT10	B8/F3	*
1NCKIT11	FPCC		04-074	452	I	1NCKIT11	B8/F3	*
1NCSEL	DMI3		04-176	233	I	1NCSEL	B17/G1	*
1NCSELR	DMI3		04-176	333	I	1NCSELR	B17/G1	*
1RDATAN0	MIB_052		04-052	242	I	1RDATAN	B5/F4	*
1RDATAN0	04-066		04-066	041	I		B5/C2	*
1RDATAN1	04-066		04-066	055	I		B7/C2	*
1RDATAN1	MIB_068		04-068	242	I	1RDATAN	B7/F3	*
1RDATAN3	FPC		04-090	242	I	1RDATAN	B10/F3	*
1RDATAP0	MIB_052		04-052	342	I	1RDATAP	B5/F4	*
1RDATAP0	04-066		04-066	141	I		B5/D2	*
1RDATAP1	04-066		04-066	155	I		B7/C2	*
1RDATAP1	MIB_068		04-068	342	I	1RDATAP	B7/F3	*
1RDATAP3	FPC		04-090	342	I	1RDATAP	B10/F3	*
1SA+	PWCON_1		04-026	018	O	SA(+)	B2/E3	
1SA+	PWCON_1		04-026	118	O	SB(+)	B2/E3	
1SACDALR	FPCC		04-074	454	I	1SACDALR	B8/F3	*
1STACDAL	FPCC		04-074	554	I	1STACDAL	B8/F3	*
1SYNCNA0	MIB_052		04-052	239	I	1SYNCN	B5/F4	*
1SYNCNA0	04-066		04-066	038	I		B5/D2	*
1SYNCNA1	04-066		04-066	052	I		B7/D2	*
1SYNCNA1	MIB_068		04-068	239	I	1SYNCN	B7/F3	*
1SYNCNA3	FPC		04-090	239	I	1SYNCN	B10/F3	*
1SYNCPA0	MIB_052		04-052	339	I	1SYNCP	B5/F4	*
1SYNCPA0	04-066		04-066	138	I		B5/D2	*
1SYNCPA1	04-066		04-066	152	I		B7/D2	*
1SYNCPA1	MIB_068		04-068	339	I	1SYNCP	B7/F3	*
1SYNCPA3	FPC		04-090	339	I	1SYNCP	B10/F3	*
1TDATAN0	MIB_052		04-052	241	O	1TDATAN	B5/F4	*
1TDATAN0	04-066		04-066	040	O		B5/E8	*
1TDATAN1	04-066		04-066	054	O		B7/D7	*
1TDATAN1	MIB_068		04-068	241	O	1TDATAN	B7/F3	*
1TDATAN3	FPC		04-090	241	O	1TDATAN	B10/F3	*
1TDATAP0	MIB_052		04-052	341	O	1TDATAP	B5/F4	*
1TDATAP0	04-066		04-066	140	O		B5/E8	*
1TDATAP1	04-066		04-066	154	O		B7/E7	*
1TDATAP1	MIB_068		04-068	341	O	1TDATAP	B7/F3	*
1TDATAP3	FPC		04-090	341	O	1TDATAP	B10/F3	*
1TMSINT	DMI3		04-176	353	O	1TMSINT	B17/G1	*
1TMSINTR	DMI3		04-176	253	O	1TMSINTR	B17/G1	*
1TMSRDY	DMI3		04-176	356	O	1TMSRDY	B17/G1	*
1TMSRDYR	DMI3		04-176	256	O	1TMSRDYR	B17/G1	*
1TMSRQT	DMI3		04-176	343	O	1TMSRQT	B17/G1	*
1TMSRQTR	DMI3		04-176	243	O	1TMSRQTR	B17/G1	*
1TMSRST	DMI3		04-176	351	I	1TMSRST	B17/G1	*
1TMSRSTR	DMI3		04-176	251	I	1TMSRSTR	B17/G1	*
1TMSSEL	DMI3		04-176	355	I	1TMSSEL	B17/G1	*
1TMSSELR	DMI3		04-176	255	I	1TMSSELR	B17/G1	*
1WIACT	DMI3		04-176	341	O	1WIACT	B17/G1	*
1WIACTR	DMI3		04-176	241	O	1WIACTR	B17/G1	*
4MHZ0SC	SMLI		04-168	046	O	4MHZ0SC	B16/F2	*
4MHZ0ST	SMLI		04-168	146	O	4MHZ0ST	B16/F2	*

8 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
4MHZ0XC	SMLI		04-168	022	O	4MHZ0XC	B16/F2	*
4MHZ0XT	SMLI		04-168	122	O	4MHZ0XT	B16/F2	*
4MHZ1SC	SMLI		04-168	041	O	4MHZ1SC	B16/F2	*
4MHZ1ST	SMLI		04-168	141	O	4MHZ1ST	B16/F2	*
4MHZ1XC	SMLI		04-168	018	O	4MHZ1XC	B16/F2	*
4MHZ1XT	SMLI		04-168	118	O	4MHZ1XT	B16/F2	*
4MHZ2SC	SMLI		04-168	054	O	4MHZ2SC	B16/F2	*
4MHZ2ST	SMLI		04-168	154	O	4MHZ2ST	B16/F2	*
4MHZ2XC	SMLI		04-168	037	O	4MHZ2XC	B16/F2	*
4MHZ2XT	SMLI		04-168	137	O	4MHZ2XT	B16/F2	*
4MHZ3SC	SMLI		04-168	050	O	4MHZ3SC	B16/F2	*
4MHZ3ST	SMLI		04-168	150	O	4MHZ3ST	B16/F2	*
4MHZ3XC	SMLI		04-168	033	O	4MHZ3XC	B16/F2	*
4MHZ3XT	SMLI		04-168	133	O	4MHZ3XT	B16/F2	*
75REF1	NCLK_SYN		04-132	353	I	75REF1	B12/F6	*
75REF2	NCLK_SYN		04-132	306	I	75REF2	B12/F6	*
75REF3	NCLK_SYN		04-132	338	I	75REF3	B12/F6	*
75REF4	NCLK_SYN		04-132	321	I	75REF4	B12/F6	*
8KREF	NCK_CONT		04-144	007	O	TMSON	B13/F3	
8KREF	CCI		04-160	304	I	8KREF	B15/F2	
8KREFR	NCK_CONT		04-144	008	O	TMSOP	B13/F3	
8KREFR	CCI		04-160	204	I	8KREFR	B15/F2	
A010MINT	MSPP_044		04-044	033	O	X10MINT	B4/G3	
A010MINT	MIB_052		04-052	033	I	X10MINT0	B5/F4	
A0AD2PE0	MSPP_044		04-044	021	I	ADD2PE0	B4/G3	
A0AD2PE0	MIB_052		04-052	021	IO	ADD2PE0	B5/F4	
A0ADD00	MSPP_044		04-044	046	IO	XADD00	B4/G3	
A0ADD00	MIB_052		04-052	046	IO	XADD00	B5/F4	
A0ADD01	MSPP_044		04-044	146	IO	XADD01	B4/G3	
A0ADD01	MIB_052		04-052	146	IO	XADD01	B5/F4	
A0ADD02	MSPP_044		04-044	047	IO	XADD02	B4/G3	
A0ADD02	MIB_052		04-052	047	IO	XADD02	B5/F4	
A0ADD03	MSPP_044		04-044	147	IO	XADD03	B4/G3	
A0ADD03	MIB_052		04-052	147	IO	XADD03	B5/F4	
A0ADD04	MSPP_044		04-044	048	IO	XADD04	B4/G3	
A0ADD04	MIB_052		04-052	048	IO	XADD04	B5/F4	
A0ADD05	MSPP_044		04-044	148	IO	XADD05	B4/G3	
A0ADD05	MIB_052		04-052	148	IO	XADD05	B5/F4	
A0ADD06	MSPP_044		04-044	049	IO	XADD06	B4/G3	
A0ADD06	MIB_052		04-052	049	IO	XADD06	B5/F4	
A0ADD07	MSPP_044		04-044	149	IO	XADD07	B4/G3	
A0ADD07	MIB_052		04-052	149	IO	XADD07	B5/F4	
A0ADD08	MSPP_044		04-044	050	IO	XADD08	B4/G3	
A0ADD08	MIB_052		04-052	050	IO	XADD08	B5/F4	
A0ADD09	MSPP_044		04-044	150	IO	XADD09	B4/G3	
A0ADD09	MIB_052		04-052	150	IO	XADD09	B5/F4	
A0ADD10	MSPP_044		04-044	051	IO	XADD10	B4/G3	
A0ADD10	MIB_052		04-052	051	IO	XADD10	B5/F4	
A0ADD11	MSPP_044		04-044	151	IO	XADD11	B4/G3	
A0ADD11	MIB_052		04-052	151	IO	XADD11	B5/F4	
A0ADD12	MSPP_044		04-044	052	IO	XADD12	B4/G3	
A0ADD12	MIB_052		04-052	052	IO	XADD12	B5/F4	
A0ADD13	MSPP_044		04-044	152	IO	XADD13	B4/G3	
A0ADD13	MIB_052		04-052	152	IO	XADD13	B5/F4	
A0ADD14	MSPP_044		04-044	053	IO	XADD14	B4/G3	
A0ADD14	MIB_052		04-052	053	IO	XADD14	B5/F4	
A0ADD15	MSPP_044		04-044	153	IO	XADD15	B4/G3	
A0ADD15	MIB_052		04-052	153	IO	XADD15	B5/F4	

9 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
A0ADD16	MSPP_044		04-044	054	IO	XADD16	B4/G3	
A0ADD16	MIB_052		04-052	054	IO	XADD16	B5/F4	
A0ADDA17	MSPP_044		04-044	154	IO	XADDA17	B4/G3	
A0ADDA17	MIB_052		04-052	154	O	XADD17	B5/F4	
A0ADDA18	MSPP_044		04-044	055	IO	XADDA18	B4/G3	
A0ADDA18	MIB_052		04-052	055	O	XADD18	B5/F4	
A0ADDA19	MSPP_044		04-044	155	IO	XADDA19	B4/G3	
A0ADDA19	MIB_052		04-052	155	O	XADD19	B5/F4	
A0ADDPH	MSPP_044		04-044	255	IO	XADDPU	B4/G3	
A0ADDPH	MIB_052		04-052	255	IO	XADDPH	B5/F4	
A0ADDPL	MSPP_044		04-044	056	IO	XADDPL	B4/G3	
A0ADDPL	MIB_052		04-052	056	IO	XADDPL	B5/F4	
A0ADDPM	MSPP_044		04-044	156	IO	XADDPH	B4/G3	
A0ADDPM	MIB_052		04-052	156	IO	XADDPM	B5/F4	
A0ALWPGE	MSPP_044		04-044	020	O	XALWPGE0	B4/G3	
A0ALWPGE	MIB_052		04-052	020	I	XALWPGE0	B5/F4	
A0CLK4MZ	MSPP_044		04-044	043	O	XCLK4MHZ	B4/G3	
A0CLK4MZ	MIB_052		04-052	043	I	XCLK4MHZ	B5/F4	
A0CLRESO	MSPP_044		04-044	133	O	XCLRESR0	B4/G3	
A0CLRESO	MIB_052		04-052	133	I	XCLRESR0	B5/F4	
A0CMDINT	MSPP_044		04-044	120	O	CMDINT10	B4/G3	
A0CMDINT	MIB_052		04-052	120	I	CMDINT10	B5/F4	
A0CONTWS	MSPP_044		04-044	036	I	CONTWS0	B4/G3	
A0CONTWS	MIB_052		04-052	036	IO	XCONTWS0	B5/F4	
A0CSWIN0	MSPP_044		04-044	143	O	XCSWIND0	B4/G3	
A0CSWIN0	MIB_052		04-052	143	I	XCSWIND0	B5/F4	
A0DAPALO	MSPP_044		04-044	254	I	DATPARLO	B4/G3	
A0DAPALO	MIB_052		04-052	254	IO	XDATPL	B5/F4	
A0DAT2PE	MSPP_044		04-044	121	I	DAT2PE0	B4/G3	
A0DAT2PE	MIB_052		04-052	121	O	DAT2PE0	B5/F4	
A0DATA00	MSPP_044		04-044	246	I	BYDATA00	B4/G3	
A0DATA00	MIB_052		04-052	246	IO	XDATA00	B5/F4	
A0DATA01	MSPP_044		04-044	346	I	BYDATA01	B4/G3	
A0DATA01	MIB_052		04-052	346	IO	XDATA01	B5/F4	
A0DATA02	MSPP_044		04-044	247	I	BYDATA02	B4/G3	
A0DATA02	MIB_052		04-052	247	IO	XDATA02	B5/F4	
A0DATA03	MSPP_044		04-044	347	I	BYDATA03	B4/G3	
A0DATA03	MIB_052		04-052	347	IO	XDATA03	B5/F4	
A0DATA04	MSPP_044		04-044	248	I	BYDATA04	B4/G3	
A0DATA04	MIB_052		04-052	248	IO	XDATA04	B5/F4	
A0DATA05	MSPP_044		04-044	348	I	BYDATA05	B4/G3	
A0DATA05	MIB_052		04-052	348	IO	XDATA05	B5/F4	
A0DATA06	MSPP_044		04-044	249	I	BYDATA06	B4/G3	
A0DATA06	MIB_052		04-052	249	IO	XDATA06	B5/F4	
A0DATA07	MSPP_044		04-044	349	I	BYDATA07	B4/G3	
A0DATA07	MIB_052		04-052	349	IO	XDATA07	B5/F4	
A0DILRHW	MSPP_044		04-044	137	O	XDIRLRHW	B4/G3	
A0DILRHW	MIB_052		04-052	137	I	XDIRLRHW	B5/F4	
A0DLYDIR	MSPP_044		04-044	318	I	XDLYDIR0	B4/G3	
A0DLYDIR	MIB_052		04-052	318	IO	XDLYDIR0	B5/F4	
A0DYRWAT	MSPP_044		04-044	136	O	XDYRWAT0	B4/G3	

COMMUNICATIONS MODULE UNIT

DWG SIZE C2 | ISSUE 6M

Lucent Technologies | SD-5D513-01 | SHEET A4

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
A0DYRWAT	MIB_052		04-052	136	I	XDRYWAT0	B5/F4	
A0ENBYB0	MSPP_044		04-044	134	I	ENBYBYTO	B4/G3	
A0ENBYB0	MIB_052		04-052	134	IO	XENBYBT0	B5/F4	
A0ENLBY0	MSPP_044		04-044	034	I	ENLOBYT0	B4/G3	
A0ENLBY0	MIB_052		04-052	034	O	XENLBYT0	B5/F4	
A0FUNCN1	MSPP_044		04-044	122	O	XFUNCEN1	B4/G3	
A0FUNCN1	MIB_052		04-052	122	I	XFUNCN1	B5/F4	
A0HLDAC0	MSPP_044		04-044	139	O	XHLDACK0	B4/G3	
A0HLDAC0	MIB_052		04-052	139	I	XHLDACK0	B5/F4	
A0HLDREQ	MSPP_044		04-044	039	I	XHLDREQ0	B4/G3	
A0HLDREQ	MIB_052		04-052	039	O	XHLDREQ0	B5/F4	
A0INTAC0	MSPP_044		04-044	138	O	XINTACK0	B4/G3	
A0INTAC0	MIB_052		04-052	138	I	XINTACK0	B5/F4	
A0INTREQ	MSPP_044		04-044	038	I	XINTREQ0	B4/G3	
A0INTREQ	MIB_052		04-052	038	O	XINTREQ0	B5/F4	
A0IORD0	MSPP_044		04-044	041	O	XIORD0	B4/G3	
A0IORD0	MIB_052		04-052	041	I	XIORD0	B5/F4	
A0IOWT0	MSPP_044		04-044	141	O	XIOWT0	B4/G3	
A0IOWT0	MIB_052		04-052	141	I	XIOWT0	B5/F4	
A0LATCH0	MSPP_044		04-044	135	O	XLATCH0	B4/G3	
A0LATCH0	MIB_052		04-052	135	I	XLATCH0	B5/F4	
A0MEMIO0	MSPP_044		04-044	040	O	XMEM1IO0	B4/G3	
A0MEMIO0	MIB_052		04-052	040	I	XMEM1IO0	B5/F4	
A0MEMRD0	MSPP_044		04-044	042	IO	XMEMRD	B4/G3	
A0MEMRD0	MIB_052		04-052	042	O	XMEMRD0	B5/F4	
A0MEMWT0	MSPP_044		04-044	142	IO	XMEMWT	B4/G3	
A0MEMWT0	MIB_052		04-052	142	O	XMEMWT0	B5/F4	
A0PBHE0	MSPP_044		04-044	018	I	PBHE0	B4/G3	
A0PBHE0	MIB_052		04-052	018	O	PBHE0	B5/F4	
A0PWRST0	MSPP_044		04-044	022	O	XPWRRST0	B4/G3	
A0PWRST0	MIB_052		04-052	022	I	XPWRRST0	B5/F4	
A110MINT	MSPP_060		04-060	033	O	X10MINT	B6/G3	
A110MINT	MIB_068		04-068	033	I	X10MINT0	B7/F3	
A1AD2PE0	MSPP_060		04-060	021	I	ADD2PE0	B6/G3	
A1AD2PE0	MIB_068		04-068	021	IO	ADD2PE0	B7/F3	
A1ADD00	MSPP_060		04-060	046	IO	XADD00	B6/G3	
A1ADD00	MIB_068		04-068	046	IO	XADD00	B7/F3	
A1ADD01	MSPP_060		04-060	146	IO	XADD01	B6/G3	
A1ADD01	MIB_068		04-068	146	IO	XADD01	B7/F3	
A1ADD02	MSPP_060		04-060	047	IO	XADD02	B6/G3	
A1ADD02	MIB_068		04-068	047	IO	XADD02	B7/F3	
A1ADD03	MSPP_060		04-060	147	IO	XADD03	B6/G3	
A1ADD03	MIB_068		04-068	147	IO	XADD03	B7/F3	
A1ADD04	MSPP_060		04-060	048	IO	XADD04	B6/G3	
A1ADD04	MIB_068		04-068	048	IO	XADD04	B7/F3	
A1ADD05	MSPP_060		04-060	148	IO	XADD05	B6/G3	
A1ADD05	MIB_068		04-068	148	IO	XADD05	B7/F3	
A1ADD06	MSPP_060		04-060	049	IO	XADD06	B6/G3	
A1ADD06	MIB_068		04-068	049	IO	XADD06	B7/F3	
A1ADD07	MSPP_060		04-060	149	IO	XADD07	B6/G3	
A1ADD07	MIB_068		04-068	149	IO	XADD07	B7/F3	
A1ADD08	MSPP_060		04-060	050	IO	XADD08	B6/G3	
A1ADD08	MIB_068		04-068	050	IO	XADD08	B7/F3	
A1ADD09	MSPP_060		04-060	150	IO	XADD09	B6/G3	
A1ADD09	MIB_068		04-068	150	IO	XADD09	B7/F3	
A1ADD10	MSPP_060		04-060	051	IO	XADD10	B6/G3	
A1ADD10	MIB_068		04-068	051	IO	XADD10	B7/F3	
A1ADD11	MSPP_060		04-060	151	IO	XADD11	B6/G3	
A1ADD11	MIB_068		04-068	151	IO	XADD11	B7/F3	
A1ADD12	MSPP_060		04-060	052	IO	XADD12	B6/G3	
A1ADD12	MIB_068		04-068	052	IO	XADD12	B7/F3	
A1ADD13	MSPP_060		04-060	152	IO	XADD13	B6/G3	
A1ADD13	MIB_068		04-068	152	IO	XADD13	B7/F3	
A1ADD14	MSPP_060		04-060	053	IO	XADD14	B6/G3	

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
A1ADD14	MIB_068		04-068	053	IO	XADD14	B7/F3	
A1ADD15	MSPP_060		04-060	153	IO	XADD15	B6/G3	
A1ADD15	MIB_068		04-068	153	IO	XADD15	B7/F3	
A1ADD16	MSPP_060		04-060	054	IO	XADD16	B6/G3	
A1ADD16	MIB_068		04-068	054	IO	XADD16	B7/F3	
A1ADDA17	MSPP_060		04-060	154	IO	XADDA17	B6/G3	
A1ADDA17	MIB_068		04-068	154	O	XADD17	B7/F3	
A1ADDA18	MSPP_060		04-060	055	IO	XADDA18	B6/G3	
A1ADDA18	MIB_068		04-068	055	O	XADD18	B7/F3	
A1ADDA19	MSPP_060		04-060	155	IO	XADDA19	B6/G3	
A1ADDA19	MIB_068		04-068	155	O	XADD19	B7/F3	
A1ADDPH	MSPP_060		04-060	255	IO	XADDPU	B6/G3	
A1ADDPH	MIB_068		04-068	255	IO	XADDPH	B7/F3	
A1ADDPL	MSPP_060		04-060	056	IO	XADDPL	B6/G3	
A1ADDPL	MIB_068		04-068	056	IO	XADDPL	B7/F3	
A1ADDPM	MSPP_060		04-060	156	IO	XADDPH	B6/G3	
A1ADDPM	MIB_068		04-068	156	IO	XADDPM	B7/F3	
A1ALWPGE	MSPP_060		04-060	020	O	XALWPGE0	B6/G3	
A1ALWPGE	MIB_068		04-068	020	I	XALWPGE0	B7/F3	
A1CLK4MZ	MSPP_060		04-060	043	O	XCLK4MHZ	B6/G3	
A1CLK4MZ	MIB_068		04-068	043	I	XCLK4MHZ	B7/F3	
A1CLRES0	MSPP_060		04-060	133	O	XCLRESR0	B6/G3	
A1CLRES0	MIB_068		04-068	133	I	XCLRESR0	B7/F3	
A1CMDINT	MSPP_060		04-060	120	O	CMDINT10	B6/G3	
A1CMDINT	MIB_068		04-068	120	I	CMDINT10	B7/F3	
A1CONTWS	MSPP_060		04-060	036	I	CONTWS0	B6/G3	
A1CONTWS	MIB_068		04-068	036	IO	XCONTWS0	B7/F3	
A1CSWIN0	MSPP_060		04-060	143	O	XCSWIND0	B6/G3	
A1CSWIN0	MIB_068		04-068	143	I	XCSWIND0	B7/F3	
A1DAPAL0	MSPP_060		04-060	254	I	DATPARLO	B6/G3	
A1DAPAL0	MIB_068		04-068	254	IO	XDATPL	B7/F3	
A1DAT2PE	MSPP_060		04-060	121	I	DAT2PE0	B6/G3	
A1DAT2PE	MIB_068		04-068	121	O	DAT2PE0	B7/F3	
A1DATA00	MSPP_060		04-060	246	I	BYDATA00	B6/G3	
A1DATA00	MIB_068		04-068	246	IO	XDATA00	B7/F3	
A1DATA01	MSPP_060		04-060	346	I	BYDATA01	B6/G3	
A1DATA01	MIB_068		04-068	346	IO	XDATA01	B7/F3	
A1DATA02	MSPP_060		04-060	247	I	BYDATA02	B6/G3	
A1DATA02	MIB_068		04-068	247	IO	XDATA02	B7/F3	
A1DATA03	MSPP_060		04-060	347	I	BYDATA03	B6/G3	
A1DATA03	MIB_068		04-068	347	IO	XDATA03	B7/F3	
A1DATA04	MSPP_060		04-060	248	I	BYDATA04	B6/G3	
A1DATA04	MIB_068		04-068	248	IO	XDATA04	B7/F3	
A1DATA05	MSPP_060		04-060	348	I	BYDATA05	B6/G3	
A1DATA05	MIB_068		04-068	348	IO	XDATA05	B7/F3	
A1DATA06	MSPP_060		04-060	249	I	BYDATA06	B6/G3	
A1DATA06	MIB_068		04-068	249	IO	XDATA06	B7/F3	
A1DATA07	MSPP_060		04-060	349	I	BYDATA07	B6/G3	
A1DATA07	MIB_068		04-068	349	IO	XDATA07	B7/F3	
A1DILRHW	MSPP_060		04-060	137	O	XDIRLRHW	B6/G3	
A1DILRHW	MIB_068		04-068	137	I	XDIRLRHW	B7/F3	
A1DLYDIR	MSPP_060		04-060	318	I	XDLYDIR0	B6/G3	
A1DLYDIR	MIB_068		04-068	318	IO	XDLYDIR0	B7/F3	
A1DYRWAT	MSPP_060		04-060	136	O	XDYRWAT0	B6/G3	
A1DYRWAT	MIB_068		04-068	136	I	XDRYWAT0	B7/F3	
A1ENBYB0	MSPP_060		04-060	134	I	ENBYBYTO	B6/G3	
A1ENBYB0	MIB_068		04-068	134	IO	XENBYBT0	B7/F3	
A1ENLBY0	MSPP_060		04-060	034	I	ENLOBYT0	B6/G3	
A1ENLBY0	MIB_068		04-068	034	O	XENLBYT0	B7/F3	
A1FUNCN1	MSPP_060		04-060	122	O	XFUNCEN1	B6/G3	
A1FUNCN1	MIB_068		04-068	122	I	XFUNCN1	B7/F3	
A1HLDAC0	MSPP_060		04-060	139	O	XHLDACK0	B6/G3	
A1HLDAC0	MIB_068		04-068	139	I	XHLDACK0	B7/F3	
A1HLDREQ	MSPP_060		04-060	039	I	XHLDREQ0	B6/G3	

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
A1HLDREQ	MIB_068		04-068	039	O	XHLDREQ0	B7/F3	
A1INTAC0	MSPP_060		04-060	138	O	XINTACK0	B6/G3	
A1INTAC0	MIB_068		04-068	138	I	XINTACK0	B7/F3	
A1INTREQ	MSPP_060		04-060	038	I	XINTREQ0	B6/G3	
A1INTREQ	MIB_068		04-068	038	O	XINTREQ0	B7/F3	
A1IORD0	MSPP_060		04-060	041	O	XIORD0	B6/G3	
A1IORD0	MIB_068		04-068	041	I	XIORD0	B7/F3	
A1IOWT0	MSPP_060		04-060	141	O	XIOWT0	B6/G3	
A1IOWT0	MIB_068		04-068	141	I	XIOWT0	B7/F3	
A1LATCH0	MSPP_060		04-060	135	O	XLATCH0	B6/G3	
A1LATCH0	MIB_068		04-068	135	I	XLATCH0	B7/F3	
A1MEMIO0	MSPP_060		04-060	040	O	XMEM1IO0	B6/G3	
A1MEMIO0	MIB_068		04-068	040	I	XMEM1IO0	B7/F3	
A1MEMRD0	MSPP_060		04-060	042	IO	XMEMRD	B6/G3	
A1MEMRD0	MIB_068		04-068	042	O	XMEMRD0	B7/F3	
A1MEMWT0	MSPP_060		04-060	142	IO	XMEMWT	B6/G3	
A1MEMWT0	MIB_068		04-068	142	O	XMEMWT0	B7/F3	
A1PBHE0	MSPP_060		04-060	018	I	PBHE0	B6/G3	
A1PBHE0	MIB_068		04-068	018	O	PBHE0	B7/F3	
A1PWRST0	MSPP_060		04-060	022	O	XPWRRST0	B6/G3	
A1PWRST0	MIB_068		04-068	022	I	XPWRRST0	B7/F3	
A210MINT	FPCC		04-074	033	I	X10MINT	B8/F3	
A210MINT	MSPP_082		04-082	033	O	X10MINT	B9/G3	
A2AD2PE0	FPCC		04-074	021	O	ADD2PE0	B8/F3	
A2AD2PE0	MSPP_082		04-082	021	I	ADD2PE0	B9/G3	
A2ADD00	FPCC		04-074	046	I	XADD00	B8/F3	
A2ADD00	MSPP_082		04-082	046	IO	XADD00	B9/G3	
A2ADD01	FPCC		04-074	146	I	XADD01	B8/F3	
A2ADD01	MSPP_082		04-082	146	IO	XADD01	B9/G3	
A2ADD02	FPCC		04-074	047	I	XADD02	B8/F3	
A2ADD02	MSPP_082		04-082	047	IO	XADD02	B9/G3	
A2ADD03	FPCC		04-074	147	I	XADD03	B8/F3	
A2ADD03	MSPP_082		04-082	147	IO	XADD03	B9/G3	
A2ADD04	FPCC		04-074	048	I	XADD04	B8/F3	
A2ADD04	MSPP_082		04-082	048	IO	XADD04	B9/G3	
A2ADD05	FPCC		04-074	148	I	XADD05	B8/F3	
A2ADD05	MSPP_082		04-082	148	IO	XADD05	B9/G3	
A2ADD06	FPCC		04-074	049	I	XADD06	B8/F3	
A2ADD06	MSPP_082		04-082	049	IO	XADD06	B9/G3	
A2ADD07	FPCC		04-074	149	I	XADD07	B8/F3	
A2ADD07	MSPP_082		04-082	149	IO	XADD07	B9/G3	
A2ADD08	FPCC		04-074	050	I	XADD08	B8/F3	
A2ADD08	MSPP_082		04-082	050	IO	XADD08	B9/G3	
A2ADD09	FPCC		04-074	150	I	XADD09	B8/F3	
A2ADD09	MSPP_082		04-082	150	IO	XADD09	B9/G3	
A2ADD10	FPCC		04-074	051	I	XADD10	B8/F3	
A2ADD10	MSPP_082		04-082	051	IO	XADD10	B9/G3	
A2ADD11	FPCC		04-074	151	I	XADD11	B8/F3	
A2ADD11	MSPP_082		04-082	151	IO	XADD11	B9/G3	
A2ADD12	FPCC		04-074	052	I	XADD12	B8/F3	

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LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
A2ADD12	MSPP_082		04-082	052	IO	XADD12	B9/G3	
A2ADD13	FPCC		04-074	152	I	XADD13	B8/F3	
A2ADD13	MSPP_082		04-082	152	IO	XADD13	B9/G3	
A2ADD14	FPCC		04-074	053	I	XADD14	B8/F3	
A2ADD14	MSPP_082		04-082	053	IO	XADD14	B9/G3	
A2ADD15	FPCC		04-074	153	I	XADD15	B8/F3	
A2ADD15	MSPP_082		04-082	153	IO	XADD15	B9/G3	
A2ADDPH	FPCC		04-074	156	I	XADDPH	B8/F3	
A2ADDPH	MSPP_082		04-082	156	IO	XADDPH	B9/G3	
A2ADDPL	FPCC		04-074	056	I	XADDPL	B8/F3	
A2ADDPL	MSPP_082		04-082	056	IO	XADDPL	B9/G3	
A2ALWPGE	FPCC		04-074	020	I	XALWPGE0	B8/F3	
A2ALWPGE	MSPP_082		04-082	020	O	XALWPGE0	B9/G3	
A2CLK4MZ	FPCC		04-074	043	I	XCLK4MHZ	B8/F3	
A2CLK4MZ	MSPP_082		04-082	043	O	XCLK4MHZ	B9/G3	
A2CLRES0	FPCC		04-074	133	I	XCLRESR0	B8/F3	
A2CLRES0	MSPP_082		04-082	133	O	XCLRESR0	B9/G3	
A2CMDINT	FPCC		04-074	120	I	CMDINT10	B8/F3	
A2CMDINT	MSPP_082		04-082	120	O	CMDINT10	B9/G3	
A2CSWIN0	FPCC		04-074	143	I	XCSWIND0	B8/F3	
A2CSWIN0	MSPP_082		04-082	143	O	XCSWIND0	B9/G3	
A2DAPALO	FPCC		04-074	254	IO	DATPARLO	B8/F3	
A2DAPALO	MSPP_082		04-082	254	I	DATPARLO	B9/G3	
A2DAT2PE	FPCC		04-074	121	O	DAT2PE0	B8/F3	
A2DAT2PE	MSPP_082		04-082	121	I	DAT2PE0	B9/G3	
A2DATA00	FPCC		04-074	246	IO	BYTDATA00	B8/F3	
A2DATA00	MSPP_082		04-082	246	I	BYDATA00	B9/G3	
A2DATA01	FPCC		04-074	346	IO	BYTDATA01	B8/F3	
A2DATA01	MSPP_082		04-082	346	I	BYDATA01	B9/G3	
A2DATA02	FPCC		04-074	247	IO	BYTDATA02	B8/F3	
A2DATA02	MSPP_082		04-082	247	I	BYDATA02	B9/G3	
A2DATA03	FPCC		04-074	347	IO	BYTDATA03	B8/F3	
A2DATA03	MSPP_082		04-082	347	I	BYDATA03	B9/G3	
A2DATA04	FPCC		04-074	248	IO	BYTDATA04	B8/F3	
A2DATA04	MSPP_082		04-082	248	I	BYDATA04	B9/G3	
A2DATA05	FPCC		04-074	348	IO	BYTDATA05	B8/F3	
A2DATA05	MSPP_082		04-082	348	I	BYDATA05	B9/G3	
A2DATA06	FPCC		04-074	249	IO	BYTDATA06	B8/F3	
A2DATA06	MSPP_082		04-082	249	I	BYDATA06	B9/G3	
A2DATA07	FPCC		04-074	349	IO	BYTDATA07	B8/F3	
A2DATA07	MSPP_082		04-082	349	I	BYDATA07	B9/G3	
A2ENBYB0	FPCC		04-074	134	O	ENBYBT0	B8/F3	
A2ENBYB0	MSPP_082		04-082	134	I	ENBYBYTO	B9/G3	
A2ENLBY0	FPCC		04-074	034	O	ENLOBYT0	B8/F3	
A2ENLBY0	MSPP_082		04-082	034	I	ENLOBYT0	B9/G3	
A2FUNCN1	FPCC		04-074	122	I	XFUMCEN1	B8/F3	
A2FUNCN1	MSPP_082		04-082	122	O	XFUNCEN1	B9/G3	
A2INTAC0	FPCC		04-074	138	I	XINTACK0	B8/F3	
A2INTAC0	MSPP_082		04-082	138	O	XINTACK0	B9/G3	
A2INTREQ	FPCC		04-074	038	O	XINTREQ0	B8/F3	
A2INTREQ	MSPP_082		04-082	038	I	XINTREQ0	B9/G3	
A2IORD0	FPCC		04-074	041	I	XI0RD0	B8/F3	
A2IORD0	MSPP_082		04-082	041	O	XIORD0	B9/G3	
A2IOWT0	FPCC		04-074	141	I	XI0RT0	B8/F3	
A2IOWT0	MSPP_082		04-082	141	O	XIOWT0	B9/G3	
A2LATCH0	FPCC		04-074	135	I	XLATCH0	B8/F3	
A2LATCH0	MSPP_082		04-082	135	O	XLATCH0	B9/G3	
A2MEMIO0	FPCC		04-074	040	I	XMEM1I00	B8/F3	
A2MEMIO0	MSPP_082		04-082	040	O	XMEM1IO0	B9/G3	
A2P2IN	FPCC		04-074	118	O	P2IN	B8/F3	
A2P2IN	MSPP_082		04-082	118	I	P2IN	B9/G3	
A2PWRST0	FPCC		04-074	022	I	XPWRRST0	B8/F3	
A2PWRST0	MSPP_082		04-082	022	O	XPWRRST0	B9/G3	
A310MINT	FPC		04-090	033	I	X10MSINT	B10/F3	

14 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
A310MINT	MSPP		04-098	033	O	X10MINT	B11/G3	
A3ADD00	FPC		04-090	046	I	XADD00	B10/F3	
A3ADD00	MSPP		04-098	046	IO	XADD00	B11/G3	
A3ADD01	FPC		04-090	146	I	XADD01	B10/F3	
A3ADD01	MSPP		04-098	146	IO	XADD01	B11/G3	
A3ADD02	FPC		04-090	047	I	XADD02	B10/F3	
A3ADD02	MSPP		04-098	047	IO	XADD02	B11/G3	
A3ADD03	FPC		04-090	147	I	XADD03	B10/F3	
A3ADD03	MSPP		04-098	147	IO	XADD03	B11/G3	
A3ADD04	FPC		04-090	048	I	XADD04	B10/F3	
A3ADD04	MSPP		04-098	048	IO	XADD04	B11/G3	
A3ADD05	FPC		04-090	148	I	XADD05	B10/F3	
A3ADD05	MSPP		04-098	148	IO	XADD05	B11/G3	
A3ADD06	FPC		04-090	049	I	XADD06	B10/F3	
A3ADD06	MSPP		04-098	049	IO	XADD06	B11/G3	
A3ADD07	FPC		04-090	149	I	XADD07	B10/F3	
A3ADD07	MSPP		04-098	149	IO	XADD07	B11/G3	
A3ADD08	FPC		04-090	050	I	XADD08	B10/F3	
A3ADD08	MSPP		04-098	050	IO	XADD08	B11/G3	
A3ADD09	FPC		04-090	150	I	XADD09	B10/F3	
A3ADD09	MSPP		04-098	150	IO	XADD09	B11/G3	
A3ADD10	FPC		04-090	051	I	XADD10	B10/F3	
A3ADD10	MSPP		04-098	051	IO	XADD10	B11/G3	
A3ADD11	FPC		04-090	151	I	XADD11	B10/F3	
A3ADD11	MSPP		04-098	151	IO	XADD11	B11/G3	
A3ADD12	FPC		04-090	052	I	XADD12	B10/F3	
A3ADD12	MSPP		04-098	052	IO	XADD12	B11/G3	
A3ADD13	FPC		04-090	152	I	XADD13	B10/F3	
A3ADD13	MSPP		04-098	152	IO	XADD13	B11/G3	
A3ADD14	FPC		04-090	053	I	XADD14	B10/F3	
A3ADD14	MSPP		04-098	053	IO	XADD14	B11/G3	
A3ADD15	FPC		04-090	153	I	XADD15	B10/F3	
A3ADD15	MSPP		04-098	153	IO	XADD15	B11/G3	
A3ADDPH	FPC		04-090	156	I	XADDPH	B10/F3	
A3ADDPH	MSPP		04-098	156	IO	XADDPH	B11/G3	
A3ADDPL	FPC		04-090	056	I	XADDPL	B10/F3	
A3ADDPL	MSPP		04-098	056	IO	XADDPL	B11/G3	
A3ALWPGE	FPC		04-090	020	I	XALWPGE0	B10/F3	
A3ALWPGE	MSPP		04-098	020	O	XALWPGE0	B11/G3	
A3CLK86	FPC		04-090	355	I	XCLK86	B10/F3	
A3CLK86	MSPP		04-098	355	O	XCLK86	B11/G3	
A3CSWIN0	FPC		04-090	143	I	XCSWIND0	B10/F3	
A3CSWIN0	MSPP		04-098	143	O	XCSWIND0	B11/G3	
A3DAPAHI	FPC		04-090	354	I	DATPARHI	B10/F3	
A3DAPAHI	MSPP		04-098	354	I	DATPARHI	B11/G3	
A3DAPALO	FPC		04-090	254	IO	DATPARLO	B10/F3	
A3DAPALO	MSPP		04-098	254	I	DATPARLO	B11/G3	
A3DATA00	FPC		04-090	246	IO	BYDATA00	B10/F3	
A3DATA00	MSPP		04-098	246	I	BYDATA00	B11/G3	
A3DATA01	FPC		04-090	346	IO	BYDATA01	B10/F3	
A3DATA01	MSPP		04-098	346	I	BYDATA01	B11/G3	
A3DATA02	FPC		04-090	247	IO	BYDATA02	B10/F3	
A3DATA02	MSPP		04-098	247	I	BYDATA02	B11/G3	
A3DATA03	FPC		04-090	347	IO	BYDATA03	B10/F3	
A3DATA03	MSPP		04-098	347	I	BYDATA03	B11/G3	
A3DATA04	FPC		04-090	248	IO	BYDATA04	B10/F3	
A3DATA04	MSPP		04-098	248	I	BYDATA04	B11/G3	
A3DATA05	FPC		04-090	348	IO	BYDATA05	B10/F3	
A3DATA05	MSPP		04-098	348	I	BYDATA05	B11/G3	
A3DATA06	FPC		04-090	249	IO	BYDATA06	B10/F3	
A3DATA06	MSPP		04-098	249	I	BYDATA06	B11/G3	
A3DATA07	FPC		04-090	349	IO	BYDATA07	B10/F3	
A3DATA07	MSPP		04-098	349	I	BYDATA07	B11/G3	
A3ENBYB0	FPC		04-090	134	O	ENBYBYT0	B10/F3	

15 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
A3ENBYB0	MSPP		04-098	134	I	ENBYBYTO	B11/G3	
A3ENHBYT	FPC		04-090	035	O	ENHIBYT0	B10/F3	
A3ENHBYT	MSPP		04-098	035	I	ENHIBYT0	B11/G3	
A3ENLBY0	FPC		04-090	034	O	ENLOBYT0	B10/F3	
A3ENLBY0	MSPP		04-098	034	I	ENLOBYT0	B11/G3	
A3INTAC0	FPC		04-090	138	I	XINTACK0	B10/F3	
A3INTAC0	MSPP		04-098	138	O	XINTACK0	B11/G3	
A3INTREQ	FPC		04-090	038	O	XINTREQ0	B10/F3	
A3INTREQ	MSPP		04-098	038	I	XINTREQ0	B11/G3	
A3IORD0	FPC		04-090	041	I	XIORD0	B10/F3	
A3IORD0	MSPP		04-098	041	O	XIORD0	B11/G3	
A3IOWT0	FPC		04-090	141	I	XIORW0	B10/F3	
A3IOWT0	MSPP		04-098	141	O	XIOWT0	B11/G3	
A3LATCH0	FPC		04-090	135	I	XLATCH0	B10/F3	
A3LATCH0	MSPP		04-098	135	O	XLATCH0	B11/G3	
A3MEMIO0	FPC		04-090	040	I	XMEMIO0	B10/F3	
A3MEMIO0	MSPP		04-098	040	O	XMEM1IO0	B11/G3	
A3MEMRD0	FPC		04-090	042	I	XMEMRD	B10/F3	
A3MEMRD0	MSPP		04-098	042	IO	XMEMRD	B11/G3	
A3MEMWT0	FPC		04-090	142	I	XMEMWT	B10/F3	
A3MEMWT0	MSPP		04-098	142	IO	XMEMWT	B11/G3	
A3P1IN	FPC		04-090	037	O	P1IN	B10/F3	
A3P1IN	MSPP		04-098	037	I	P1IN	B11/G3	
A3P2IN	FPC		04-090	118	O	P2IN	B10/F3	
A3P2IN	MSPP		04-098	118	I	P2IN	B11/G3	
A3PBHE0	FPC		04-090	018	O	PBHE0	B10/F3	
A3PBHE0	MSPP		04-098	018	I	PBHE0	B11/G3	
A3PUMPS0	FPC		04-090	119	I	PUMPCS0	B10/F3	
A3PUMPS0	MSPP		04-098	119	I	PUMPCS0	B11/G3	
A3WDAT08	FPC		04-090	250	I	WDDATA08	B10/F3	
A3WDAT08	MSPP		04-098	250	I	WDDATA08	B11/G3	
A3WDAT09	FPC		04-090	350	I	WDDATA09	B10/F3	
A3WDAT09	MSPP		04-098	350	I	WDDATA09	B11/G3	
A3WDAT10	FPC		04-090	251	I	WDDATA10	B10/F3	
A3WDAT10	MSPP		04-098	251	I	WDDATA10	B11/G3	
A3WDAT11	FPC		04-090	351	I	WDDATA11	B10/F3	
A3WDAT11	MSPP		04-098	351	I	WDDATA11	B11/G3	
A3WDAT12	FPC		04-090	252	I	WDDATA12	B10/F3	
A3WDAT12	MSPP		04-098	252	I	WDDATA12	B11/G3	
A3WDAT13	FPC		04-090	352	I	WDDATA13	B10/F3	
A3WDAT13	MSPP		04-098	352	I	WDDATA13	B11/G3	
A3WDAT14	FPC		04-090	253	I	WDDATA14	B10/F3	
A3WDAT14	MSPP		04-098	253	I	WDDATA14	B11/G3	
A3WDAT15	FPC		04-090	353	I	WDDATA15	B10/F3	
A3WDAT15	MSPP		04-098	353	I	WDDATA15	B11/G3	
ALM1	CD		04-008	121	I	ZIN	B1/E1	
ALM1	CD		04-008	123	O	CARD	B1/E1	
ALM1	CD		04-008	148	I	PINT	B1/E1	
ALM1	PWCON_0		04-020	113	O	ALM1	B1/F5	
ALM1	PWCON_1		04-026	113	O	ALM1	B2/E3	
ALM2	CD		04-008	117	I	AD	B1/E1	

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LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
ALM2	CD		04-008	145	I	RESERVE	B1/E1	*
ALM2	PWCON_0		04-020	014	O	ALM2	B1/F5	
ALM2	PWCON_1		04-026	014	O	ALM2	B2/B3	
B1034EN1	SMLI		04-168	302	I	B1034EN1	B16/F2	
B1034EN1	DMI3		04-176	202	O	1034BEN1	B17/G1	
B186EN1	SMLI		04-168	203	I	B186EN1	B16/F2	
B186EN1	DMI3		04-176	302	O	186BEN1	B17/G1	
B7CPILB	SMLI		04-168	249	O	B7CPILB	B16/F2	
B7CPILB	DMI3		04-176	246	I	B7CPILBB	B17/G1	
BDB001	IOP2		04-033	010	IO	BDB001	B3/F1	*
BDB011	IOP2		04-033	011	IO	BDB011	B3/F1	*
BDB021	IOP2		04-033	109	IO	BDB021	B3/F1	*
BDB031	IOP2		04-033	110	IO	BDB031	B3/F1	*
BDB041	IOP2		04-033	210	IO	BDB041	B3/F1	*
BDB051	IOP2		04-033	211	IO	BDB051	B3/F1	*
BDB061	IOP2		04-033	309	IO	BDB061	B3/F1	*
BDB071	IOP2		04-033	310	IO	BDB071	B3/F1	*
BDSEL0	NCLK_SYN		04-132	236	I	BDSEL0	B12/F6	
BDSEL0	NCK_CONT		04-144	136	O	S0SELL0	B13/F3	
BSRF0	NCLK_SYN		04-132	318	I	BSRF0	B12/F6	*
BSRF1	NCLK_SYN		04-132	317	I	BSRF1	B12/F6	*
BTSA0	SMLI		04-168	239	I	BTSA0	B16/F2	
BTSA0	DMI3		04-176	135	O	BTSA0	B17/G1	
BTSA1	SMLI		04-168	237	I	BTSA1	B16/F2	
BTSA1	DMI3		04-176	134	O	BTSA1	B17/G1	
BTSA2	SMLI		04-168	337	I	BTSA2	B16/F2	
BTSA2	DMI3		04-176	133	O	BTSA2	B17/G1	
BTSA6	SMLI		04-168	012	I	BTSA6	B16/F2	
BTSA6	DMI3		04-176	514	O	BTSA6	B17/G1	
BTSA7	SMLI		04-168	011	I	BTSA7	B16/F2	
BTSA7	DMI3		04-176	513	O	BTSA7	B17/G1	
BUSY	CCI		04-160	237	O	BUSY	B15/F2	
BUSY	DMI3		04-176	046	I	TMSRDY	B17/G1	
CCLOCK1	IOP2		04-033	208	O	CCLOCK1	B3/F1	*
CIA0	SMLI		04-168	216	I	CIA0	B16/F2	
CIA0	DMI3		04-176	416	O	CIA0	B17/G1	
CIA1	SMLI		04-168	116	I	CIA1	B16/F2	
CIA1	DMI3		04-176	316	O	CIA1	B17/G1	
CIA2	SMLI		04-168	314	I	CIA2	B16/F2	
CIA2	DMI3		04-176	415	O	CIA2	B17/G1	
CIA3	SMLI		04-168	214	I	CIA3	B16/F2	
CIA3	DMI3		04-176	315	O	CIA3	B17/G1	
CICBERR	TMS_CONT		04-152	019	IO	TMCIBER1	B14/F3	
CICBERR	CCI		04-160	255	O	CICBERR	B15/F2	
CINT0O0	IOP2		04-033	720	O	CINT0O0	B3/F1	*
CINT1O0	IOP2		04-033	320	O	CINT1O0	B3/F1	
CINT1O0	MSPP_082		04-082	303	I	CMDINT0	B9/G3	
CINT1O0	MSPP		04-098	303	I	CMDINT0	B11/G3	
CINT2O0	IOP2		04-033	520	O	CINT2O0	B3/F1	
CINT2O0	MSPP_044		04-044	303	I	CMDINT0	B4/G3	
CINT3O0	IOP2		04-033	120	O	CINT3O0	B3/F1	
CINT3O0	MSPP_060		04-060	303	I	CMDINT0	B6/G3	
CK4MER0	SMLI		04-168	005	O	CLK4MER0	B16/F2	
CK4MER0	DMI3		04-176	207	I	4MCKERB0	B17/G1	
CLK00ON	IOP2		04-033	407	O	CLK00ON	B3/F1	*
CLK00OP	IOP2		04-033	506	O	CLK00OP	B3/F1	*
CLK01ON	IOP2		04-033	607	O	CLK01ON	B3/F1	*
CLK01OP	IOP2		04-033	706	O	CLK01OP	B3/F1	*
CLOCK1	IOP2		04-033	306	O	CLOCK1	B3/F1	*

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
CLR0O0	IOP2		04-033	620	O	CLR0O0	B3/F1	*
CLR1O0	IOP2		04-033	220	O	CLR1O0	B3/F1	
CLR1O0	MSPP_082		04-082	203	I	INITPC0	B9/G3	
CLR1O0	MSPP		04-098	203	I	INITPC0	B11/G3	
CLR2O0	IOP2		04-033	420	O	CLR2O0	B3/F1	
CLR2O0	MSPP_044		04-044	203	I	INITPC0	B4/G3	
CLR3O0	IOP2		04-033	020	O	CLR3O0	B3/F1	
CLR3O0	MSPP_060		04-060	203	I	INITPC0	B6/G3	
CPI	SMLI		04-168	342	I	CPI	B16/F2	
CPI	DMI3		04-176	036	O	CPIB	B17/G1	
CSA000	IOP2		04-033	616	I	CSA000	B3/F1	*
CSA010	IOP2		04-033	617	I	CSA010	B3/F1	*
CSA020	IOP2		04-033	618	I	CSA020	B3/F1	*
CSA030	IOP2		04-033	619	I	CSA030	B3/F1	*
CSA100	IOP2		04-033	216	I	CSAA100	B3/F1	
CSA100	MSPP		04-098	202	O	CSA0	B11/G3	
CSA110	IOP2		04-033	217	I	CSAA110	B3/F1	
CSA110	MSPP_082		04-082	202	O	CSA0	B9/G3	
CSA200	IOP2		04-033	416	I	CSAA200	B3/F1	
CSA200	MSPP_044		04-044	202	O	CSA0	B4/G3	
CSA300	IOP2		04-033	016	I	CSAA300	B3/F1	
CSA300	MSPP_060		04-060	202	O	CSA0	B6/G3	
DAH00BN	IOP2		04-033	410	IO	DAH00BN	B3/F1	*
DAH00BP	IOP2		04-033	509	IO	DAH00BP	B3/F1	*
DAH01BN	IOP2		04-033	610	IO	DAH01BN	B3/F1	*
DAH01BP	IOP2		04-033	709	IO	DAH01BP	B3/F1	*
DAL00BN	IOP2		04-033	409	IO	DAL00BN	B3/F1	*
DAL00BP	IOP2		04-033	508	IO	DAL00BP	B3/F1	*
DAL01BN	IOP2		04-033	609	IO	DAL01BN	B3/F1	*
DAL01BP	IOP2		04-033	708	IO	DAL01BP	B3/F1	*
DGN	04-006		04-006	105	I		B1/G2	*
DGN	04-006		04-006	118	I		B1/G2	*
DGN	CD		04-008	150	I	DGN3B	B1/B1	
DGNR	04-006		04-006	005	I		B1/G3	*
DGNR	04-006		04-006	018	I		B1/G4	*
DGNR	CD		04-008	050	G	DGNRTN	B1/B1	
DMA000O1	IOP2		04-033	635	O	DMA000O1	B3/F1	*
DMA001O1	IOP2		04-033	735	O	DMA001O1	B3/F1	*
DMA002O1	IOP2		04-033	636	O	DMA002O1	B3/F1	*
DMA003O1	IOP2		04-033	736	O	DMA003O1	B3/F1	*
DMA004O1	IOP2		04-033	637	O	DMA004O1	B3/F1	*
DMA005O1	IOP2		04-033	737	O	DMA005O1	B3/F1	*
DMA006O1	IOP2		04-033	638	O	DMA006O1	B3/F1	*
DMA007O1	IOP2		04-033	738	O	DMA007O1	B3/F1	*
DMA008O1	IOP2		04-033	639	O	DMA008O1	B3/F1	*
DMA009O1	IOP2		04-033	739	O	DMA009O1	B3/F1	*
DMA010O1	IOP2		04-033	640	O	DMA010O1	B3/F1	*
DMA011O1	IOP2		04-033	740	O	DMA011O1	B3/F1	*
DMA012O1	IOP2		04-033	641	O	DMA012O1	B3/F1	*
DMA013O1	IOP2		04-033	741	O	DMA013O1	B3/F1	*
DMA014O1	IOP2		04-033	642	O	DMA014O1	B3/F1	*
DMA015O1	IOP2		04-033	742	O	DMA015O1	B3/F1	*
DMA100O1	IOP2		04-033	235	O	DMA100O1	B3/F1	
DMA100O1	MSPP_082		04-082	009	I	DMAAD001	B9/G3	
DMA100O1	MSPP		04-098	009	I	DMAAD001	B11/G3	
DMA101O1	IOP2		04-033	335	O	DMA101O1	B3/F1	

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
DMA101O1	MSPP_082		04-082	109	I	DMAAD011	B9/G3	
DMA101O1	MSPP		04-098	109	I	DMAAD011	B11/G3	
DMA102O1	IOP2		04-033	236	O	DMA102O1	B3/F1	
DMA102O1	MSPP_082		04-082	010	I	DMAAD021	B9/G3	
DMA102O1	MSPP		04-098	010	I	DMAAD021	B11/G3	
DMA103O1	IOP2		04-033	336	O	DMA103O1	B3/F1	
DMA103O1	MSPP_082		04-082	110	I	DMAAD031	B9/G3	
DMA103O1	MSPP		04-098	110	I	DMAAD031	B11/G3	
DMA104O1	IOP2		04-033	237	O	DMA104O1	B3/F1	
DMA104O1	MSPP_082		04-082	011	I	DMAAD041	B9/G3	
DMA104O1	MSPP		04-098	011	I	DMAAD041	B11/G3	
DMA105O1	IOP2		04-033	337	O	DMA105O1	B3/F1	
DMA105O1	MSPP_082		04-082	111	I	DMAAD051	B9/G3	
DMA105O1	MSPP		04-098	111	I	DMAAD051	B11/G3	
DMA106O1	IOP2		04-033	238	O	DMA106O1	B3/F1	
DMA106O1	MSPP_082		04-082	013	I	DMAAD061	B9/G3	
DMA106O1	MSPP		04-098	013	I	DMAAD061	B11/G3	
DMA107O1	IOP2		04-033	338	O	DMA107O1	B3/F1	
DMA107O1	MSPP_082		04-082	113	I	DMAAD071	B9/G3	
DMA107O1	MSPP		04-098	113	I	DMAAD071	B11/G3	
DMA108O1	IOP2		04-033	239	O	DMA108O1	B3/F1	
DMA108O1	MSPP_082		04-082	014	I	DMAAD081	B9/G3	
DMA108O1	MSPP		04-098	014	I	DMAAD081	B11/G3	
DMA109O1	IOP2		04-033	339	O	DMA109O1	B3/F1	
DMA109O1	MSPP_082		04-082	114	I	DMAAD091	B9/G3	
DMA109O1	MSPP		04-098	114	I	DMAAD091	B11/G3	
DMA110O1	IOP2		04-033	240	O	DMA110O1	B3/F1	
DMA110O1	MSPP_082		04-082	015	I	DMAAD101	B9/G3	
DMA110O1	MSPP		04-098	015	I	DMAAD101	B11/G3	
DMA111O1	IOP2		04-033	340	O	DMA111O1	B3/F1	
DMA111O1	MSPP_082		04-082	115	I	DMAAD111	B9/G3	
DMA111O1	MSPP		04-098	115	I	DMAAD111	B11/G3	
DMA112O1	IOP2		04-033	241	O	DMA112O1	B3/F1	
DMA112O1	MSPP_082		04-082	016	I	DMAAD121	B9/G3	
DMA112O1	MSPP		04-098	016	I	DMAAD121	B11/G3	
DMA113O1	IOP2		04-033	341	O	DMA113O1	B3/F1	
DMA113O1	MSPP_082		04-082	116	I	DMAAD131	B9/G3	
DMA113O1	MSPP		04-098	116	I	DMAAD131	B11/G3	
DMA114O1	IOP2		04-033	242	O	DMA114O1	B3/F1	
DMA114O1	MSPP_082		04-082	017	I	DMAAD141	B9/G3	
DMA114O1	MSPP		04-098	017	I	DMAAD141	B11/G3	
DMA115O1	IOP2		04-033	342	O	DMA115O1	B3/F1	
DMA115O1	MSPP_082		04-082	117	I	DMAAD151	B9/G3	
DMA115O1	MSPP		04-098	117	I	DMAAD151	B11/G3	
DMA200O1	IOP2		04-033	435	O	DMA200O1	B3/F1	
DMA200O1	MSPP_044		04-044	009	I	DMAAD001	B4/G3	
DMA201O1	IOP2		04-033	535	O	DMA201O1	B3/F1	
DMA201O1	MSPP_044		04-044	109	I	DMAAD011	B4/G3	
DMA202O1	IOP2		04-033	436	O	DMA202O1	B3/F1	
DMA202O1	MSPP_044		04-044	010	I	DMAAD021	B4/G3	
DMA203O1	IOP2		04-033	536	O	DMA203O1	B3/F1	
DMA203O1	MSPP_044		04-044	110	I	DMAAD031	B4/G3	
DMA204O1	IOP2		04-033	437	O	DMA204O1	B3/F1	
DMA204O1	MSPP_044		04-044	011	I	DMAAD041	B4/G3	
DMA205O1	IOP2		04-033	537	O	DMA205O1	B3/F1	

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LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
DMA205O1	MSPP_044		04-044	111	I	DMAAD051	B4/G3	
DMA206O1	IOP2		04-033	438	O	DMA206O1	B3/F1	
DMA206O1	MSPP_044		04-044	013	I	DMAAD061	B4/G3	
DMA207O1	IOP2		04-033	538	O	DMA207O1	B3/F1	
DMA207O1	MSPP_044		04-044	113	I	DMAAD071	B4/G3	
DMA208O1	IOP2		04-033	439	O	DMA208O1	B3/F1	
DMA208O1	MSPP_044		04-044	014	I	DMAAD081	B4/G3	
DMA209O1	IOP2		04-033	539	O	DMA209O1	B3/F1	
DMA209O1	MSPP_044		04-044	114	I	DMAAD091	B4/G3	
DMA210O1	IOP2		04-033	440	O	DMA210O1	B3/F1	
DMA210O1	MSPP_044		04-044	015	I	DMAAD101	B4/G3	
DMA211O1	IOP2		04-033	540	O	DMA211O1	B3/F1	
DMA211O1	MSPP_044		04-044	115	I	DMAAD111	B4/G3	
DMA212O1	IOP2		04-033	441	O	DMA212O1	B3/F1	
DMA212O1	MSPP_044		04-044	016	I	DMAAD121	B4/G3	
DMA213O1	IOP2		04-033	541	O	DMA213O1	B3/F1	
DMA213O1	MSPP_044		04-044	116	I	DMAAD131	B4/G3	
DMA214O1	IOP2		04-033	442	O	DMA214O1	B3/F1	
DMA214O1	MSPP_044		04-044	017	I	DMAAD141	B4/G3	
DMA215O1	IOP2		04-033	542	O	DMA215O1	B3/F1	
DMA215O1	MSPP_044		04-044	117	I	DMAAD151	B4/G3	
DMA300O1	IOP2		04-033	035	O	DMA300O1	B3/F1	
DMA300O1	MSPP_060		04-060	009	I	DMAAD001	B6/G3	
DMA301O1	IOP2		04-033	135	O	DMA301O1	B3/F1	
DMA301O1	MSPP_060		04-060	109	I	DMAAD011	B6/G3	
DMA302O1	IOP2		04-033	036	O	DMA302O1	B3/F1	
DMA302O1	MSPP_060		04-060	010	I	DMAAD021	B6/G3	
DMA303O1	IOP2		04-033	136	O	DMA303O1	B3/F1	
DMA303O1	MSPP_060		04-060	110	I	DMAAD031	B6/G3	
DMA304O1	IOP2		04-033	037	O	DMA304O1	B3/F1	
DMA304O1	MSPP_060		04-060	011	I	DMAAD041	B6/G3	
DMA305O1	IOP2		04-033	137	O	DMA305O1	B3/F1	
DMA305O1	MSPP_060		04-060	111	I	DMAAD051	B6/G3	
DMA306O1	IOP2		04-033	038	O	DMA306O1	B3/F1	
DMA306O1	MSPP_060		04-060	013	I	DMAAD061	B6/G3	
DMA307O1	IOP2		04-033	138	O	DMA307O1	B3/F1	
DMA307O1	MSPP_060		04-060	113	I	DMAAD071	B6/G3	
DMA308O1	IOP2		04-033	039	O	DMA308O1	B3/F1	
DMA308O1	MSPP_060		04-060	014	I	DMAAD081	B6/G3	
DMA309O1	IOP2		04-033	139	O	DMA309O1	B3/F1	
DMA309O1	MSPP_060		04-060	114	I	DMAAD091	B6/G3	
DMA310O1	IOP2		04-033	040	O	DMA310O1	B3/F1	
DMA310O1	MSPP_060		04-060	015	I	DMAAD101	B6/G3	
DMA311O1	IOP2		04-033	140	O	DMA311O1	B3/F1	
DMA311O1	MSPP_060		04-060	115	I	DMAAD111	B6/G3	
DMA312O1	IOP2		04-033	041	O	DMA312O1	B3/F1	
DMA312O1	MSPP_060		04-060	016	I	DMAAD121	B6/G3	
DMA313O1	IOP2		04-033	141	O	DMA313O1	B3/F1	
DMA313O1	MSPP_060		04-060	116	I	DMAAD131	B6/G3	
DMA314O1	IOP2		04-033	042	O	DMA314O1	B3/F1	
DMA314O1	MSPP_060		04-060	017	I	DMAAD141	B6/G3	
DMA315O1	IOP2		04-033	142	O	DMA315O1	B3/F1	
DMA315O1	MSPP_060		04-060	117	I	DMAAD151	B6/G3	
DMAD001	IOP2		04-033	748	IO	DMAD001	B3/F1	*
DMAD011	IOP2		04-033	648	IO	DMAD011	B3/F1	*
DMAD021	IOP2		04-033	749	IO	DMAD021	B3/F1	*
DMAD031	IOP2		04-033	649	IO	DMAD031	B3/F1	*
DMAD041	IOP2		04-033	750	IO	DMAD041	B3/F1	*
DMAD051	IOP2		04-033	650	IO	DMAD051	B3/F1	*
DMAD061	IOP2		04-033	751	IO	DMAD061	B3/F1	*
DMAD071	IOP2		04-033	651	IO	DMAD071	B3/F1	*

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
DMAD081	IOP2		04-033	752	IO	DMAD081	B3/F1	*
DMAD101	IOP2		04-033	348	IO	DMAD101	B3/F1	
DMAD101	MSPP_082		04-082	005	I	DMADA001	B9/G3	
DMAD101	MSPP		04-098	005	I	DMADA001	B11/G3	
DMAD111	IOP2		04-033	248	IO	DMAD111	B3/F1	
DMAD111	MSPP_082		04-082	105	I	DMADA011	B9/G3	
DMAD111	MSPP		04-098	105	I	DMADA011	B11/G3	
DMAD121	IOP2		04-033	349	IO	DMAD121	B3/F1	
DMAD121	MSPP_082		04-082	006	I	DMADA021	B9/G3	
DMAD121	MSPP		04-098	006	I	DMADA021	B11/G3	
DMAD131	IOP2		04-033	249	IO	DMAD131	B3/F1	
DMAD131	MSPP_082		04-082	106	I	DMADA031	B9/G3	
DMAD131	MSPP		04-098	106	I	DMADA031	B11/G3	
DMAD141	IOP2		04-033	350	IO	DMAD141	B3/F1	
DMAD141	MSPP_082		04-082	007	I	DMADA041	B9/G3	
DMAD141	MSPP		04-098	007	I	DMADA041	B11/G3	
DMAD151	IOP2		04-033	250	IO	DMAD151	B3/F1	
DMAD151	MSPP_082		04-082	107	I	DMADA051	B9/G3	
DMAD151	MSPP		04-098	107	I	DMADA051	B11/G3	
DMAD161	IOP2		04-033	351	IO	DMAD161	B3/F1	
DMAD161	MSPP_082		04-082	008	I	DMADA061	B9/G3	
DMAD161	MSPP		04-098	008	I	DMADA061	B11/G3	
DMAD171	IOP2		04-033	251	IO	DMAD171	B3/F1	
DMAD171	MSPP_082		04-082	108	I	DMADA071	B9/G3	
DMAD171	MSPP		04-098	108	I	DMADA071	B11/G3	
DMAD181	IOP2		04-033	352	IO	DMADA181	B3/F1	
DMAD181	MSPP_082		04-082	205	I	DMADAP1	B9/G3	
DMAD181	MSPP		04-098	205	I	DMADAP1	B11/G3	
DMAD201	IOP2		04-033	548	IO	DMAD201	B3/F1	
DMAD201	MSPP_044		04-044	005	I	DMADA001	B4/G3	
DMAD211	IOP2		04-033	448	IO	DMAD211	B3/F1	
DMAD211	MSPP_044		04-044	105	I	DMADA011	B4/G3	
DMAD221	IOP2		04-033	549	IO	DMAD221	B3/F1	
DMAD221	MSPP_044		04-044	006	I	DMADA021	B4/G3	
DMAD231	IOP2		04-033	449	IO	DMAD231	B3/F1	
DMAD231	MSPP_044		04-044	106	I	DMADA031	B4/G3	
DMAD241	IOP2		04-033	550	IO	DMAD241	B3/F1	
DMAD241	MSPP_044		04-044	007	I	DMADA041	B4/G3	
DMAD251	IOP2		04-033	450	IO	DMAD251	B3/F1	
DMAD251	MSPP_044		04-044	107	I	DMADA051	B4/G3	
DMAD261	IOP2		04-033	551	IO	DMAD261	B3/F1	
DMAD261	MSPP_044		04-044	008	I	DMADA061	B4/G3	
DMAD271	IOP2		04-033	451	IO	DMAD271	B3/F1	
DMAD271	MSPP_044		04-044	108	I	DMADA071	B4/G3	
DMAD281	IOP2		04-033	552	IO	DMADA281	B3/F1	
DMAD281	MSPP_044		04-044	205	I	DMADAP1	B4/G3	
DMAD301	IOP2		04-033	148	IO	DMAD301	B3/F1	
DMAD301	MSPP_060		04-060	005	I	DMADA001	B6/G3	
DMAD311	IOP2		04-033	048	IO	DMAD311	B3/F1	
DMAD311	MSPP_060		04-060	105	I	DMADA011	B6/G3	
DMAD321	IOP2		04-033	149	IO	DMAD321	B3/F1	
DMAD321	MSPP_060		04-060	006	I	DMADA021	B6/G3	
DMAD331	IOP2		04-033	049	IO	DMAD331	B3/F1	
DMAD331	MSPP_060		04-060	106	I	DMADA031	B6/G3	
DMAD341	IOP2		04-033	150	IO	DMAD341	B3/F1	
DMAD341	MSPP_060		04-060	007	I	DMADA041	B6/G3	
DMAD351	IOP2		04-033	050	IO	DMAD351	B3/F1	
DMAD351	MSPP_060		04-060	107	I	DMADA051	B6/G3	
DMAD361	IOP2		04-033	151	IO	DMAD361	B3/F1	
DMAD361	MSPP_060		04-060	008	I	DMADA061	B6/G3	
DMAD371	IOP2		04-033	051	IO	DMAD371	B3/F1	
DMAD371	MSPP_060		04-060	108	I	DMADA071	B6/G3	
DMAD381	IOP2		04-033	152	IO	DMADA381	B3/F1	
DMAD381	MSPP_060		04-060	205	I	DMADAP1	B6/G3	
DMAOC000	IOP2		04-033	718	O	DMAOC000	B3/F1	*
DMAOC100	IOP2		04-033	318	O	DMAOC100	B3/F1	

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
DMAOC100	MSPP_082		04-082	104	I	DMAOPC0	B9/G3	
DMAOC100	MSPP		04-098	104	I	DMAOPC0	B11/G3	
DMAOC200	IOP2		04-033	518	O	DMAOC2O0	B3/F1	
DMAOC200	MSPP_044		04-044	104	I	DMAOPC0	B4/G3	
DMAOC300	IOP2		04-033	118	O	DMAOC3O0	B3/F1	
DMAOC300	MSPP_060		04-060	104	I	DMAOPC0	B6/G3	
DMARD000	IOP2		04-033	717	O	DMARD0O0	B3/F1	*
DMARD100	IOP2		04-033	317	O	DMARD1O0	B3/F1	
DMARD100	MSPP_082		04-082	204	I	DMARD0	B9/G3	
DMARD100	MSPP		04-098	204	I	DMARD0	B11/G3	
DMARD200	IOP2		04-033	517	O	DMARD2O0	B3/F1	
DMARD200	MSPP_044		04-044	204	I	DMARD0	B4/G3	
DMARD300	IOP2		04-033	117	O	DMARD3O0	B3/F1	
DMARD300	MSPP_060		04-060	204	I	DMARD0	B6/G3	
DMARQ000	IOP2		04-033	719	O	DMARQ0O0	B3/F1	*
DMARQ100	IOP2		04-033	319	O	DMARQ1O0	B3/F1	
DMARQ100	MSPP_082		04-082	004	I	DMAREQ0	B9/G3	
DMARQ100	MSPP		04-098	004	I	DMAREQ0	B11/G3	
DMARQ200	IOP2		04-033	519	O	DMARQ2O0	B3/F1	
DMARQ200	MSPP_044		04-044	004	I	DMAREQ0	B4/G3	
DMARQ300	IOP2		04-033	119	O	DMARQ3O0	B3/F1	
DMARQ300	MSPP_060		04-060	004	I	DMAREQ0	B6/G3	
DMAWR000	IOP2		04-033	716	O	DMAWR0O0	B3/F1	*
DMAWR100	IOP2		04-033	316	O	DMAWR1O0	B3/F1	
DMAWR100	MSPP_082		04-082	304	I	DMAWT0	B9/G3	
DMAWR100	MSPP		04-098	304	I	DMAWT0	B11/G3	
DMAWR200	IOP2		04-033	516	O	DMAWR2O0	B3/F1	
DMAWR200	MSPP_044		04-044	304	I	DMAWT0	B4/G3	
DMAWR300	IOP2		04-033	116	O	DMAWR3O0	B3/F1	
DMAWR300	MSPP_060		04-060	304	I	DMAWT0	B6/G3	
DTACK	TMS_CONT		04-152	010	I	TMDACK0	B14/F3	
DTACK	CCI		04-160	256	O	DTACK	B15/F2	
EDER1TST	TMS_CONT		04-152	138	O	MPED1T1	B14/F3	
EDER1TST	CCI		04-160	136	I	EDER1TST	B15/F2	
EDER2TST	TMS_CONT		04-152	137	O	MPXED1T1	B14/F3	
EDER2TST	CCI		04-160	135	I	EDER2TST	B15/F2	
ELBCKR1	SMLI		04-168	349	I	ELBCKR1	B16/F2	
ELBCKR1	DMI3		04-176	449	O	ELBCKR1	B17/G1	
EQUPT1	SMLI		04-168	008	I	EQUPT1	B16/F2	
EQUPT1	DMI3		04-176	011	O	EQUPTB1	B17/G1	
ER000	IOP2		04-033	601	I	ER000	B3/F1	*
ER010	IOP2		04-033	602	I	ER010	B3/F1	*
ER020	IOP2		04-033	603	I	ER020	B3/F1	*
ER030	IOP2		04-033	604	I	ER030	B3/F1	*
ER100	IOP2		04-033	201	I	ERR100	B3/F1	
ER100	MSPP		04-098	102	O	ERR0	B11/G3	
ER110	IOP2		04-033	202	I	ERR110	B3/F1	
ER110	MSPP_082		04-082	102	O	ERR0	B9/G3	
ER200	IOP2		04-033	401	I	ERR200	B3/F1	

COMMUNICATIONS MODULE UNIT

DWG SIZE	ISSUE
C2	6M

Lucent Technologies	SD-5D513-01	SHEET
		A8

22 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
ER200	MSPP_044		04-044	102	O	ERR0	B4/G3	
ER300	IOP2		04-033	001	I	ERR300	B3/F1	
ER300	MSPP_060		04-060	102	O	ERR0	B6/G3	
ESR1ER	SMLI		04-168	205	O	ESR1ER	B16/F2	
ESR1ER	DMI3		04-176	405	I	ESR1BER0	B17/G1	
ESR3ER	SMLI		04-168	217	O	ESR3ER	B16/F2	
ESR3ER	DMI3		04-176	418	I	ESR3BER0	B17/G1	
ESR4ER	SMLI		04-168	218	O	ESR4ER	B16/F2	
ESR4ER	DMI3		04-176	419	I	ESR4BER0	B17/G1	
ESR5ER	SMLI		04-168	317	O	ESR5ER	B16/F2	
ESR5ER	DMI3		04-176	217	I	ESR5BER0	B17/G1	
EVENT	CCI		04-160	236	O	EVENT	B15/F2	
EVENT	DMI3		04-176	047	I	TMSSRQT	B17/G1	
EXOM11	NCLK_OSC		04-122	040	I	EXOM11	B12/E1	
EXOM11	NCK_CONT		04-144	340	O	EXOM11	B13/F3	
EXOM21	NCLK_OSC		04-122	039	I	EXOM21	B12/E1	
EXOM21	NCK_CONT		04-144	339	O	EXOM21	B13/F3	
FC4MER0	SMLI		04-168	009	I	FC4MER0	B16/F2	
FC4MER0	DMI3		04-176	212	O	FC4MERB0	B17/G1	
FCSCER0	SMLI		04-168	316	I	FCSCER0	B16/F2	
FCSCER0	DMI3		04-176	515	O	FCSCERB0	B17/G1	
FPC_108	FPC		04-090	008	I	CLKFTBUI	B10/F3	
FPC_108	FPC		04-090	108	O	CLKFTBUO	B10/F3	
FPC_109	FPC		04-090	009	I	RDBUFMI	B10/F3	
FPC_109	FPC		04-090	109	O	RDBUFM0	B10/F3	
FPC_110	FPC		04-090	010	I	CLKSPSRI	B10/F3	
FPC_110	FPC		04-090	110	O	CLKSPSRO	B10/F3	
FPC_111	FPC		04-090	011	I	CKWDCTRI	B10/F3	
FPC_111	FPC		04-090	111	O	CKWDCTRO	B10/F3	
FSCBER	TMS_CONT		04-152	250	I	FSCBER	B14/F3	
FSCBER	SMLI		04-168	345	O	FSCBER	B16/F2	
FSLIP	TMS_CONT		04-152	135	O	MPT8KS1	B14/F3	
FSLIP	CCI		04-160	035	I	FSLIP	B15/F2	
FSPPER1	SMLI		04-168	250	I	FSPPER1	B16/F2	
FSPPER1	DMI3		04-176	549	O	FSPPER1	B17/G1	
FTSSPER1	SMLI		04-168	251	I	FTSSPER1	B16/F2	
FTSSPER1	DMI3		04-176	550	O	FTSPER1	B17/G1	
FUSEALM	NCLK_OSC		04-122	237	I	FUSEALM	B12/E1	
FUSEALM	04-140		04-140	254	I		B12/F2	*
GOTMS	CCI		04-160	335	I	GOTMS	B15/F2	
GOTMS	DMI3		04-176	049	O	TMSGO	B17/G1	
GRD	01-016		01-016	0B0	G		B18/B1	*
GRD	E3		01-016-0B0	1	G	GRD1	B18/C2	
GRD	E3		01-016-0B0	2	G	GRD2	B18/C2	
GRD	E3		01-016-0B0	3	G	GRD3	B18/C2	
GRD	E3		01-016-0B0	4	G	GRD4	B18/C2	
GRD	01-034		01-034	0B0	G		B18/D1	*
GRD	E5		01-034-0B0	1	G	GRD1	B18/D2	
GRD	E5		01-034-0B0	2	G	GRD2	B18/D2	
GRD	E5		01-034-0B0	3	G	GRD3	B18/D2	
GRD	E5		01-034-0B0	4	G	GRD4	B18/D2	
GRD	01-061		01-061	0B0	G		B18/E1	*
GRD	E7		01-061-0B0	1	G	GRD1	B18/E2	
GRD	E7		01-061-0B0	2	G	GRD2	B18/E2	
GRD	E7		01-061-0B0	3	G	GRD3	B18/E2	
GRD	E7		01-061-0B0	4	G	GRD4	B18/E2	
GRD	01-085		01-085	0B0	G		B18/F1	*
GRD	E9		01-085-0B0	1	G	GRD1	B18/F2	
GRD	E9		01-085-0B0	2	G	GRD2	B18/F2	
GRD	E9		01-085-0B0	3	G	GRD3	B18/F2	
GRD	E9		01-085-0B0	4	G	GRD4	B18/F2	
GRD	01-108		01-108	0B0	G		B18/B6	*
GRD	E11		01-108-0B0	1	G	GRD1	B18/C7	
GRD	E11		01-108-0B0	2	G	GRD2	B18/C7	
GRD	E11		01-108-0B0	3	G	GRD3	B18/C7	
GRD	E11		01-108-0B0	4	G	GRD4	B18/C7	
GRD	01-128		01-128	0B0	G		B18/D6	*
GRD	E13		01-128-0B0	1	G	GRD1	B18/D7	
GRD	E13		01-128-0B0	2	G	GRD2	B18/D7	
GRD	E13		01-128-0B0	3	G	GRD3	B18/D7	
GRD	E13		01-128-0B0	4	G	GRD4	B18/D7	
GRD	01-152		01-152	0B0	G		B18/B6	*
GRD	E15		01-152-0B0	1	G	GRD1	B18/E7	
GRD	E15		01-152-0B0	2	G	GRD2	B18/E7	

23 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	E15		01-152-0B0	3	G	GRD3	B18/E7	
GRD	E15		01-152-0B0	4	G	GRD4	B18/E7	
GRD	01-174		01-174	0B0	G		B18/F6	*
GRD	E17		01-174-0B0	1	G	GRD1	B18/F7	
GRD	E17		01-174-0B0	2	G	GRD2	B18/F7	
GRD	E17		01-174-0B0	3	G	GRD3	B18/F7	
GRD	E17		01-174-0B0	4	G	GRD4	B18/F7	
GRD	PWCON_0		04-020	000	I	FRGND	B1/F5	
GRD	PWCON_0		04-020	001	I	FRGND	B1/F5	
GRD	PWCON_0		04-020	032	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	033	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	034	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	035	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	036	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	037	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	038	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	039	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	040	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	041	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	042	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	043	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	100	I	FRGND	B1/F5	
GRD	PWCON_0		04-020	101	I	FRGND	B1/F5	
GRD	PWCON_0		04-020	119	O	S(-)	B1/F5	
GRD	PWCON_0		04-020	132	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	133	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	134	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	135	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	136	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	137	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	138	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	139	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	140	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	141	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	142	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	143	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	200	I	FRGND	B1/F5	
GRD	PWCON_0		04-020	201	I	FRGND	B1/F5	
GRD	PWCON_0		04-020	232	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	233	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	234	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	235	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	236	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	237	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	238	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	239	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	240	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	241	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	242	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	243	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	300	I	FRGND	B1/F5	
GRD	PWCON_0		04-020	301	I	FRGND	B1/F5	
GRD	PWCON_0		04-020	332	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	333	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	334	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	335	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	336	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	337	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	338	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	339	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	340	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	341	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	342	G	VOUT.1(-)	B1/F5	
GRD	PWCON_0		04-020	343	G	VOUT.1(-)	B1/F5	
GRD	PWCON_1		04-026	000	I	FRGND	B2/B3	
GRD	PWCON_1		04-026	001	I	FRGND	B2/B3	
GRD	PWCON_1		04-026	032	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	033	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	034	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	035	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	036	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	037	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	038	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	039	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	040	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	041	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	042	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	043	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	100	I	FRGND	B2/B3	
GRD	PWCON_1		04-026	101	I	FRGND	B2/B3	
GRD	PWCON_1		04-026	119	O	S(-)	B2/B3	
GRD	PWCON_1		04-026	132	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	133	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	134	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	135	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	136	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	137	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	138	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	139	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	140	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	141	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	142	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	143	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	200	I	FRGND	B2/B3	
GRD	PWCON_1		04-026	201	I	FRGND	B2/B3	

24 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	PWCON_1		04-026	232	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	233	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	234	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	235	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	236	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	237	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	238	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	239	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	240	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	241	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	242	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	243	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	300	I	FRGND	B2/B3	
GRD	PWCON_1		04-026	301	I	FRGND	B2/B3	
GRD	PWCON_1		04-026	332	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	333	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	334	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	335	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	336	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	337	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	338	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	339	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	340	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	341	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	342	G	VOUT.1(-)	B2/B3	
GRD	PWCON_1		04-026	343	G	VOUT.1(-)	B2/B3	
GRD	IOP2		04-033	006	G	GRD	B3/F1	
GRD	IOP2		04-033	009	G	GRD	B3/F1	
GRD	IOP2		04-033	012	G	GRD	B3/F1	
GRD	IOP2		04-033	015	G	GRD	B3/F1	
GRD	IOP2		04-033	034	G	GRD	B3/F1	
GRD	IOP2		04-033	044	G	GRD	B3/F1	
GRD	IOP2		04-033	047	G	GRD	B3/F1	
GRD	IOP2		04-033	052	G	GRD	B3/F1	
GRD	IOP2		04-033	053	G	GRD	B3/F1	
GRD	IOP2		04-033	100	G	GRD	B3/F1	
GRD	IOP2		04-033	105	G	GRD	B3/F1	
GRD	IOP2		04-033	108	G	GRD	B3/F1	
GRD	IOP2		04-033	111	G	GRD	B3/F1	
GRD	IOP2		04-033	114	G	GRD	B3/F1	
GRD	IOP2		04-033	124	G	GRD	B3/F1	
GRD	IOP2		04-033	132	G	GRD	B3/F1	
GRD	IOP2		04-033	133	G	GRD	B3/F1	
GRD	IOP2		04-033	143	G	GRD	B3/F1	
GRD	IOP2		04-033	146	G	GRD	B3/F1	
GRD	IOP2		04-033	153	G	GRD	B3/F1	
GRD	IOP2		04-033	156	G	GRD	B3/F1	
GRD	IOP2		04-033	206	G	GRD	B3/F1	
GRD	IOP2		04-033	209	G	GRD	B3/F1	
GRD	IOP2		04-033	212	G	GRD	B3/F1	
GRD	IOP2		04-033	215	G	GRD	B3/F1	
GRD	IOP2		04-033	234	G	GRD	B3/F1	
GRD	IOP2		04-033	252	G	GRD	B3/F1	
GRD	IOP2		04-033	253	G	GRD	B3/F1	
GRD	IOP2		04-033	300	G	GRD	B3/F1	
GRD	IOP2		04-033	305	G	GRD	B3/F1	
GRD	IOP2		04-033	308	G	GRD	B3/F1	
GRD	IOP2		04-033	311	G	GRD	B3/F1	
GRD	IOP2		04-033	314	G	GRD	B3/F1	
GRD	IOP2		04-033	324	G	GRD	B3/F1	
GRD	IOP2		04-033	333	G	GRD	B3/F1	
GRD	IOP2		04-033	343	G	GRD	B3/F1	
GRD	IOP2		04-033	344	G	GRD	B3/F1	
GRD	IOP2		04-033	345	G	GRD	B3/F1	
GRD	IOP2		04-033	346	G	GRD	B3/F1	
GRD	IOP2		04-033	347	G	GRD	B3/F1	
GRD	IOP2		04-033	353	G	GRD	B3/F1	
GRD	IOP2		04-033	356	G	GRD	B3/F1	
GRD	IOP2		04-033	406	G	GRD	B3/F1	
GRD	IOP2		04-033	412	G	GRD	B3/F1	
GRD	IOP2		04-033	415	G	GRD	B3/F1	
GRD	IOP2		04-033	434	G	GRD	B3/F1	
GRD	IOP2		04-033	444	G	GRD	B3/F1	
GRD	IOP2		04-033	447	G	GRD	B3/F1	
GRD	IOP2		04-033	452	G	GRD	B3/F1	

COMMUNICATIONS MODULE UNIT

DWG SIZE	ISSUE
C2	6M

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25 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	IOP2		04-033	453	G	GRD	B3/F1	
GRD	IOP2		04-033	500	G	GRD	B3/F1	
GRD	IOP2		04-033	505	G	GRD	B3/F1	
GRD	IOP2		04-033	511	G	GRD	B3/F1	
GRD	IOP2		04-033	514	G	GRD	B3/F1	
GRD	IOP2		04-033	524	G	GRD	B3/F1	
GRD	IOP2		04-033	533	G	GRD	B3/F1	
GRD	IOP2		04-033	543	G	GRD	B3/F1	
GRD	IOP2		04-033	546	G	GRD	B3/F1	
GRD	IOP2		04-033	553	G	GRD	B3/F1	
GRD	IOP2		04-033	556	G	GRD	B3/F1	
GRD	IOP2		04-033	606	G	GRD	B3/F1	
GRD	IOP2		04-033	612	G	GRD	B3/F1	
GRD	IOP2		04-033	615	G	GRD	B3/F1	
GRD	IOP2		04-033	634	G	GRD	B3/F1	
GRD	IOP2		04-033	644	G	GRD	B3/F1	
GRD	IOP2		04-033	647	G	GRD	B3/F1	
GRD	IOP2		04-033	652	G	GRD	B3/F1	
GRD	IOP2		04-033	653	G	GRD	B3/F1	
GRD	IOP2		04-033	700	G	GRD	B3/F1	
GRD	IOP2		04-033	705	G	GRD	B3/F1	
GRD	IOP2		04-033	711	G	GRD	B3/F1	
GRD	IOP2		04-033	714	G	GRD	B3/F1	
GRD	IOP2		04-033	724	G	GRD	B3/F1	
GRD	IOP2		04-033	732	G	GRD	B3/F1	
GRD	IOP2		04-033	733	G	GRD	B3/F1	
GRD	IOP2		04-033	743	G	GRD	B3/F1	
GRD	IOP2		04-033	746	G	GRD	B3/F1	
GRD	IOP2		04-033	753	G	GRD	B3/F1	
GRD	IOP2		04-033	756	G	GRD	B3/F1	
GRD	MSPP_044		04-044	023	G	GRD	B4/G3	
GRD	MSPP_044		04-044	024	G	GRD	B4/G3	
GRD	MSPP_044		04-044	032	G	GRD	B4/G3	
GRD	MSPP_044		04-044	037	I	P1IN	B4/G3	
GRD	MSPP_044		04-044	044	G	GRD	B4/G3	
GRD	MSPP_044		04-044	045	G	GRD	B4/G3	
GRD	MSPP_044		04-044	123	G	GRD	B4/G3	
GRD	MSPP_044		04-044	124	G	GRD	B4/G3	
GRD	MSPP_044		04-044	132	G	GRD	B4/G3	
GRD	MSPP_044		04-044	144	G	GRD	B4/G3	
GRD	MSPP_044		04-044	145	G	GRD	B4/G3	
GRD	MSPP_044		04-044	200	G	GRD	B4/G3	
GRD	MSPP_044		04-044	201	G	GRD	B4/G3	
GRD	MSPP_044		04-044	211	G	GRD	B4/G3	
GRD	MSPP_044		04-044	212	G	GRD	B4/G3	
GRD	MSPP_044		04-044	218	I	P3IN	B4/G3	
GRD	MSPP_044		04-044	244	G	GRD	B4/G3	
GRD	MSPP_044		04-044	245	G	GRD	B4/G3	
GRD	MSPP_044		04-044	256	G	GRD	B4/G3	
GRD	MSPP_044		04-044	300	G	GRD	B4/G3	
GRD	MSPP_044		04-044	301	G	GRD	B4/G3	
GRD	MSPP_044		04-044	311	G	GRD	B4/G3	
GRD	MSPP_044		04-044	312	G	GRD	B4/G3	
GRD	MSPP_044		04-044	324	G	GRD	B4/G3	
GRD	MSPP_044		04-044	344	G	GRD	B4/G3	
GRD	MSPP_044		04-044	345	G	GRD	B4/G3	
GRD	MSPP_044		04-044	356	G	GRD	B4/G3	
GRD	MIB_052		04-052	002	IO	SELB	B5/F4	
GRD	MIB_052		04-052	003	IO	SELA	B5/F4	
GRD	MIB_052		04-052	023	G	GRD	B5/F4	
GRD	MIB_052		04-052	024	G	GRD	B5/F4	
GRD	MIB_052		04-052	032	G	GRD	B5/F4	
GRD	MIB_052		04-052	037	G	GRD	B5/F4	
GRD	MIB_052		04-052	044	G	GRD	B5/F4	
GRD	MIB_052		04-052	045	G	GRD	B5/F4	
GRD	MIB_052		04-052	123	G	GRD	B5/F4	
GRD	MIB_052		04-052	124	G	GRD	B5/F4	
GRD	MIB_052		04-052	132	G	GRD	B5/F4	
GRD	MIB_052		04-052	144	G	GRD	B5/F4	
GRD	MIB_052		04-052	145	G	GRD	B5/F4	
GRD	MIB_052		04-052	200	G	GRD	B5/F4	
GRD	MIB_052		04-052	201	G	GRD	B5/F4	
GRD	MIB_052		04-052	211	G	GRD	B5/F4	
GRD	MIB_052		04-052	212	G	GRD	B5/F4	
GRD	MIB_052		04-052	218	G	GRD	B5/F4	
GRD	MIB_052		04-052	238	O	RESERVE	B5/F4	*
GRD	MIB_052		04-052	244	G	GRD	B5/F4	
GRD	MIB_052		04-052	245	G	GRD	B5/F4	
GRD	MIB_052		04-052	256	G	GRD	B5/F4	
GRD	MIB_052		04-052	300	G	GRD	B5/F4	
GRD	MIB_052		04-052	301	G	GRD	B5/F4	
GRD	MIB_052		04-052	311	G	GRD	B5/F4	
GRD	MIB_052		04-052	312	G	GRD	B5/F4	
GRD	MIB_052		04-052	344	G	GRD	B5/F4	
GRD	MIB_052		04-052	345	G	GRD	B5/F4	
GRD	MIB_052		04-052	356	G	GRD	B5/F4	
GRD	MSPP_060		04-060	023	G	GRD	B6/G3	
GRD	MSPP_060		04-060	024	G	GRD	B6/G3	
GRD	MSPP_060		04-060	032	G	GRD	B6/G3	
GRD	MSPP_060		04-060	037	I	P1IN	B6/G3	
GRD	MSPP_060		04-060	044	G	GRD	B6/G3	
GRD	MSPP_060		04-060	045	G	GRD	B6/G3	
GRD	MSPP_060		04-060	123	G	GRD	B6/G3	
GRD	MSPP_060		04-060	124	G	GRD	B6/G3	
GRD	MSPP_060		04-060	132	G	GRD	B6/G3	

26 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	MSPP_060		04-060	144	G	GRD	B6/G3	
GRD	MSPP_060		04-060	145	G	GRD	B6/G3	
GRD	MSPP_060		04-060	200	G	GRD	B6/G3	
GRD	MSPP_060		04-060	201	G	GRD	B6/G3	
GRD	MSPP_060		04-060	211	G	GRD	B6/G3	
GRD	MSPP_060		04-060	212	G	GRD	B6/G3	
GRD	MSPP_060		04-060	218	I	P3IN	B6/G3	
GRD	MSPP_060		04-060	244	G	GRD	B6/G3	
GRD	MSPP_060		04-060	245	G	GRD	B6/G3	
GRD	MSPP_060		04-060	256	G	GRD	B6/G3	
GRD	MSPP_060		04-060	300	G	GRD	B6/G3	
GRD	MSPP_060		04-060	301	G	GRD	B6/G3	
GRD	MSPP_060		04-060	311	G	GRD	B6/G3	
GRD	MSPP_060		04-060	312	G	GRD	B6/G3	
GRD	MSPP_060		04-060	324	G	GRD	B6/G3	
GRD	MSPP_060		04-060	344	G	GRD	B6/G3	
GRD	MSPP_060		04-060	345	G	GRD	B6/G3	
GRD	MSPP_060		04-060	356	G	GRD	B6/G3	
GRD	MIB_068		04-068	002	IO	SELB	B7/F3	
GRD	MIB_068		04-068	003	IO	SELA	B7/F3	
GRD	MIB_068		04-068	023	G	GRD	B7/F3	
GRD	MIB_068		04-068	024	G	GRD	B7/F3	
GRD	MIB_068		04-068	032	G	GRD	B7/F3	
GRD	MIB_068		04-068	037	G	GRD	B7/F3	
GRD	MIB_068		04-068	044	G	GRD	B7/F3	
GRD	MIB_068		04-068	045	G	GRD	B7/F3	
GRD	MIB_068		04-068	123	G	GRD	B7/F3	
GRD	MIB_068		04-068	124	G	GRD	B7/F3	
GRD	MIB_068		04-068	132	G	GRD	B7/F3	
GRD	MIB_068		04-068	144	G	GRD	B7/F3	
GRD	MIB_068		04-068	145	G	GRD	B7/F3	
GRD	MIB_068		04-068	200	G	GRD	B7/F3	
GRD	MIB_068		04-068	201	G	GRD	B7/F3	
GRD	MIB_068		04-068	211	G	GRD	B7/F3	
GRD	MIB_068		04-068	212	G	GRD	B7/F3	
GRD	MIB_068		04-068	218	G	GRD	B7/F3	
GRD	MIB_068		04-068	238	O	RESERVE	B7/F3	*
GRD	MIB_068		04-068	244	G	GRD	B7/F3	
GRD	MIB_068		04-068	245	G	GRD	B7/F3	
GRD	MIB_068		04-068	256	G	GRD	B7/F3	
GRD	MIB_068		04-068	300	G	GRD	B7/F3	
GRD	MIB_068		04-068	301	G	GRD	B7/F3	
GRD	MIB_068		04-068	311	G	GRD	B7/F3	
GRD	MIB_068		04-068	312	G	GRD	B7/F3	
GRD	MIB_068		04-068	344	G	GRD	B7/F3	
GRD	MIB_068		04-068	345	G	GRD	B7/F3	
GRD	MIB_068		04-068	356	G	GRD	B7/F3	
GRD	FPCC		04-074	007	G	GRD	B8/F3	
GRD	FPCC		04-074	023	G	GRD	B8/F3	
GRD	FPCC		04-074	024	G	GRD	B8/F3	
GRD	FPCC		04-074	032	G	GRD	B8/F3	
GRD	FPCC		04-074	044	G	GRD	B8/F3	
GRD	FPCC		04-074	045	G	GRD	B8/F3	
GRD	FPCC		04-074	123	G	GRD	B8/F3	
GRD	FPCC		04-074	124	G	GRD	B8/F3	
GRD	FPCC		04-074	132	G	GRD	B8/F3	
GRD	FPCC		04-074	144	G	GRD	B8/F3	
GRD	FPCC		04-074	145	G	GRD	B8/F3	
GRD	FPCC		04-074	200	G	GRD	B8/F3	
GRD	FPCC		04-074	201	G	GRD	B8/F3	
GRD	FPCC		04-074	211	G	GRD	B8/F3	
GRD	FPCC		04-074	212	G	GRD	B8/F3	
GRD	FPCC		04-074	244	G	GRD	B8/F3	
GRD	FPCC		04-074	245	G	GRD	B8/F3	
GRD	FPCC		04-074	256	G	GRD	B8/F3	
GRD	FPCC		04-074	300	G	GRD	B8/F3	
GRD	FPCC		04-074	301	G	GRD	B8/F3	
GRD	FPCC		04-074	311	G	GRD	B8/F3	
GRD	FPCC		04-074	312	G	GRD	B8/F3	
GRD	FPCC		04-074	344	G	GRD	B8/F3	
GRD	FPCC		04-074	345	G	GRD	B8/F3	
GRD	FPCC		04-074	356	G	GRD	B8/F3	
GRD	FPCC		04-074	400	G	GRD	B8/F3	
GRD	FPCC		04-074	401	G	GRD	B8/F3	
GRD	FPCC		04-074	410	G	GRD	B8/F3	
GRD	FPCC		04-074	411	G	GRD	B8/F3	
GRD	FPCC		04-074	412	G	GRD	B8/F3	
GRD	FPCC		04-074	444	G	GRD	B8/F3	
GRD	FPCC		04-074	500	G	GRD	B8/F3	
GRD	FPCC		04-074	501	G	GRD	B8/F3	
GRD	FPCC		04-074	510	G	GRD	B8/F3	
GRD	FPCC		04-074	511	G	GRD	B8/F3	
GRD	FPCC		04-074	512	G	GRD	B8/F3	
GRD	FPCC		04-074	544	G	GRD	B8/F3	
GRD	MSPP_082		04-082	023	G	GRD	B9/G3	
GRD	MSPP_082		04-082	024	G	GRD	B9/G3	
GRD	MSPP_082		04-082	032	G	GRD	B9/G3	
GRD	MSPP_082		04-082	044	G	GRD	B9/G3	
GRD	MSPP_082		04-082	045	G	GRD	B9/G3	
GRD	MSPP_082		04-082	123	G	GRD	B9/G3	
GRD	MSPP_082		04-082	124	G	GRD	B9/G3	
GRD	MSPP_082		04-082	132	G	GRD	B9/G3	
GRD	MSPP_082		04-082	144	G	GRD	B9/G3	
GRD	MSPP_082		04-082	145	G	GRD	B9/G3	
GRD	MSPP_082		04-082	200	G	GRD	B9/G3	

27 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	MSPP_082		04-082	201	G	GRD	B9/G3	
GRD	MSPP_082		04-082	211	G	GRD	B9/G3	
GRD	MSPP_082		04-082	212	G	GRD	B9/G3	
GRD	MSPP_082		04-082	244	G	GRD	B9/G3	
GRD	MSPP_082		04-082	245	G	GRD	B9/G3	
GRD	MSPP_082		04-082	256	G	GRD	B9/G3	
GRD	MSPP_082		04-082	300	G	GRD	B9/G3	
GRD	MSPP_082		04-082	301	G	GRD	B9/G3	
GRD	MSPP_082		04-082	311	G	GRD	B9/G3	
GRD	MSPP_082		04-082	312	G	GRD	B9/G3	
GRD	MSPP_082		04-082	324	G	GRD	B9/G3	
GRD	MSPP_082		04-082	344	G	GRD	B9/G3	
GRD	MSPP_082		04-082	345	G	GRD	B9/G3	
GRD	MSPP_082		04-082	356	G	GRD	B9/G3	
GRD	FPC		04-090	007	G	GRD	B10/F3	
GRD	FPC		04-090	023	G	GRD	B10/F3	
GRD	FPC		04-090	024	G	GRD	B10/F3	
GRD	FPC		04-090	032	G	GRD	B10/F3	
GRD	FPC		04-090	044	G	GRD	B10/F3	
GRD	FPC		04-090	045	G	GRD	B10/F3	
GRD	FPC		04-090	107	G	GRD	B10/F3	
GRD	FPC		04-090	123	G	GRD	B10/F3	
GRD	FPC		04-090	124	G	GRD	B10/F3	
GRD	FPC		04-090	132	G	GRD	B10/F3	
GRD	FPC		04-090	144	G	GRD	B10/F3	
GRD	FPC		04-090	145	G	GRD	B10/F3	
GRD	FPC		04-090	200	G	GRD	B10/F3	
GRD	FPC		04-090	201	G	GRD	B10/F3	
GRD	FPC		04-090	211	G	GRD	B10/F3	
GRD	FPC		04-090	212	G	GRD	B10/F3	
GRD	FPC		04-090	244	G	GRD	B10/F3	
GRD	FPC		04-090	245	G	GRD	B10/F3	
GRD	FPC		04-090	256	G	GRD	B10/F3	
GRD	FPC		04-090	300	G	GRD	B10/F3	
GRD	FPC		04-090	301	G	GRD	B10/F3	
GRD	FPC		04-090	311	G	GRD	B10/F3	
GRD	FPC		04-090	312	G	GRD	B10/F3	
GRD	FPC		04-090	344	G	GRD	B10/F3	
GRD	FPC		04-090	345	G	GRD	B10/F3	
GRD	FPC		04-090	356	G	GRD	B10/F3	
GRD	MSPP		04-098	023	G	GRD	B11/G3	
GRD	MSPP		04-098	024	G	GRD	B11/G3	
GRD	MSPP		04-098	032	G	GRD	B11/G3	
GRD	MSPP		04-098	044	G	GRD	B11/G3	
GRD	MSPP		04-098	045	G	GRD	B11/G3	
GRD	MSPP		04-098	123	G	GRD	B11/G3	
GRD	MSPP		04-098	124	G	GRD	B11/G3	
GRD	MSPP		04-098	132	G	GRD	B11/G3	
GRD	MSPP		04-098	144	G	GRD	B11/G3	
GRD	MSPP		04-098	145	G	GRD	B11/G3	
GRD	MSPP		04-098	200	G	GRD	B11/G3	
GRD	MSPP		04-098	201	G	GRD	B11/G3	
GRD	MSPP		04-098	211	G	GRD	B11/G3	
GRD	MSPP		04-098	212	G	GRD	B11/G3	
GRD	MSPP		04-098	244	G	GRD	B11/G3	
GRD	MSPP		04-098	245	G	GRD	B11/G3	
GRD	MSPP		04-098	256	G	GRD	B11/G3	
GRD	MSPP		04-098	300	G	GRD	B11/G3	
GRD	MSPP		04-098	301	G	GRD	B11/G3	
GRD	MSPP		04-098	311	G	GRD	B11/G3	
GRD	MSPP		04-098	312	G	GRD	B11/G3	
GRD	MSPP		04-098	324	G	GRD	B11/G3	
GRD	MSPP		04-098	344	G	GRD	B11/G3	
GRD	MSPP		04-098	345	G	GRD	B11/G3	
GRD	MSPP		04-098	356	G	GRD	B11/G3	
GRD	NCLK_OSC		04-122	013	G	GRD	B12/E1	
GRD	NCLK_OSC		04-122	024	G	GRD	B12/E1	
GRD	NCLK_OSC		04-122	043	G	GRD	B12/E1	
GRD	NCLK_OSC		04-122	056	G	GRD	B12/E1	
GRD	NCLK_OSC		04-122	113	G	GRD	B12/E1	
GRD	NCLK_OSC		04-122	132	G	GRD	B12/E1	
GRD	NCLK_OSC		04-122	143	G	GRD	B12/E1	
GRD	NCLK_OSC		04-122	200	G	GRD	B12/E1	
GRD	NCLK_OSC		04-122	201	G	GRD	B12/E1	
GRD	NCLK_OSC		04-122	213	G	GRD	B12/E1	

COMMUNICATIONS MODULE UNIT

DWG SIZE C2 | ISSUE 6M

Lucent Technologies | SD-5D513-01 | SHEET A10

28 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	NCLK_OSC		04-122	224	G	GRD	B12/E1	
GRD	NCLK_OSC		04-122	232	G	GRD	B12/E1	
GRD	NCLK_OSC		04-122	243	G	GRD	B12/E1	
GRD	NCLK_OSC		04-122	256	G	GRD	B12/E1	
GRD	NCLK_OSC		04-122	300	G	GRD	B12/E1	
GRD	NCLK_OSC		04-122	301	G	GRD	B12/E1	
GRD	NCLK_OSC		04-122	313	G	GRD	B12/E1	
GRD	NCLK_OSC		04-122	324	G	GRD	B12/E1	
GRD	NCLK_OSC		04-122	332	G	GRD	B12/E1	
GRD	NCLK_OSC		04-122	343	G	GRD	B12/E1	
GRD	NCLK_OSC		04-122	356	G	GRD	B12/E1	
GRD	NCLK_SYN		04-132	011	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	013	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	019	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	033	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	034	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	035	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	055	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	056	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	107	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	111	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	113	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	116	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	119	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	132	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	133	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	134	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	135	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	155	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	200	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	201	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	211	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	212	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	213	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	214	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	216	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	219	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	224	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	232	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	233	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	234	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	239	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	240	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	245	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	246	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	256	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	300	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	301	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	309	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	324	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	341	G	GRD	B12/F6	
GRD	NCLK_SYN		04-132	356	G	GRD	B12/F6	
GRD	NCK_CONT		04-144	013	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	019	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	032	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	035	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	056	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	107	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	108	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	109	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	111	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	113	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	119	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	132	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	135	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	200	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	201	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	211	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	212	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	213	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	224	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	232	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	245	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	256	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	300	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	301	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	313	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	324	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	332	G	GRD	B13/F3	
GRD	NCK_CONT		04-144	356	G	GRD	B13/F3	
GRD	TMS_CONT		04-152	007	G	GRD	B14/F3	
GRD	TMS_CONT		04-152	118	G	GRD	B14/F3	
GRD	TMS_CONT		04-152	148	G	GRD	B14/F3	
GRD	TMS_CONT		04-152	200	G	GRD	B14/F3	
GRD	TMS_CONT		04-152	201	G	GRD	B14/F3	
GRD	TMS_CONT		04-152	217	G	GRD	B14/F3	
GRD	TMS_CONT		04-152	224	G	GRD	B14/F3	
GRD	TMS_CONT		04-152	232	G	GRD	B14/F3	
GRD	TMS_CONT		04-152	244	G	GRD	B14/F3	
GRD	TMS_CONT		04-152	300	G	GRD	B14/F3	
GRD	TMS_CONT		04-152	301	G	GRD	B14/F3	
GRD	TMS_CONT		04-152	306	G	GRD	B14/F3	
GRD	TMS_CONT		04-152	315	G	GRD	B14/F3	
GRD	TMS_CONT		04-152	324	G	GRD	B14/F3	
GRD	TMS_CONT		04-152	332	G	GRD	B14/F3	

29 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	TMS_CONT		04-152	344	G	GRD	B14/F3	
GRD	TMS_CONT		04-152	348	G	GRD	B14/F3	
GRD	CCI		04-160	012	G	GRD	B15/F2	
GRD	CCI		04-160	017	G	GRD	B15/F2	
GRD	CCI		04-160	049	G	GRD	B15/F2	
GRD	CCI		04-160	053	G	GRD	B15/F2	
GRD	CCI		04-160	056	G	GRD	B15/F2	
GRD	CCI		04-160	106	G	GRD	B15/F2	
GRD	CCI		04-160	112	G	GRD	B15/F2	
GRD	CCI		04-160	115	G	GRD	B15/F2	
GRD	CCI		04-160	148	G	GRD	B15/F2	
GRD	CCI		04-160	150	G	GRD	B15/F2	
GRD	CCI		04-160	155	G	GRD	B15/F2	
GRD	CCI		04-160	200	G	GRD	B15/F2	
GRD	CCI		04-160	201	G	GRD	B15/F2	
GRD	CCI		04-160	207	O	NC9	B15/F2	*
GRD	CCI		04-160	208	G	GRD	B15/F2	
GRD	CCI		04-160	210	G	GRD	B15/F2	
GRD	CCI		04-160	215	O	NC10	B15/F2	*
GRD	CCI		04-160	221	O	NC11	B15/F2	*
GRD	CCI		04-160	223	G	GRD	B15/F2	
GRD	CCI		04-160	224	G	GRD	B15/F2	
GRD	CCI		04-160	234	O	NC12	B15/F2	*
GRD	CCI		04-160	239	G	GRD	B15/F2	
GRD	CCI		04-160	240	IO	NC17	B15/F2	*
GRD	CCI		04-160	247	G	GRD	B15/F2	
GRD	CCI		04-160	250	G	GRD	B15/F2	
GRD	CCI		04-160	252	IO	NC18	B15/F2	*
GRD	CCI		04-160	300	G	GRD	B15/F2	
GRD	CCI		04-160	301	G	GRD	B15/F2	
GRD	CCI		04-160	303	IO	NC19	B15/F2	*
GRD	CCI		04-160	307	IO	NC20	B15/F2	*
GRD	CCI		04-160	320	IO	NC21	B15/F2	*
GRD	CCI		04-160	323	G	GRD	B15/F2	
GRD	CCI		04-160	324	G	GRD	B15/F2	
GRD	CCI		04-160	339	IO	NC22	B15/F2	*
GRD	CCI		04-160	348	IO	NC23	B15/F2	*
GRD	CCI		04-160	352	IO	NC24	B15/F2	*
GRD	LDT162A		04-162A	AC2	G	TXGND	B15/C0	
GRD	LDT162A		04-162A	AJ	G	RXGND	B15/C0	
GRD	LDT162A		04-162A	AK2	G	TXGND	B15/C0	
GRD	LDT162A		04-162A	BJ	G	RXGND	B15/C0	
GRD	LDT162A		04-162A	BJ2	G	TXGND	B15/C0	
GRD	LDT162B		04-162B	AC	G	TXGND	B15/C8	
GRD	LDT162B		04-162B	AJ2	G	RXGND	B15/C8	
GRD	LDT162B		04-162B	AK	G	TXGND	B15/C8	
GRD	LDT162B		04-162B	BJ	G	TXGND	B15/C8	
GRD	LDT162B		04-162B	BJ2	G	RXGND	B15/C8	
GRD	SMLI		04-168	105	G	GRD	B16/F2	
GRD	SMLI		04-168	112	G	GRD	B16/F2	
GRD	SMLI		04-168	207	G	GRD	B16/F2	
GRD	SMLI		04-168	210	G	GRD	B16/F2	
GRD	SMLI		04-168	215	G	GRD	B16/F2	
GRD	SMLI		04-168	221	G	GRD	B16/F2	
GRD	SMLI		04-168	232	G	GRD	B16/F2	
GRD	SMLI		04-168	234	G	GRD	B16/F2	
GRD	SMLI		04-168	240	G	GRD	B16/F2	
GRD	SMLI		04-168	243	G	GRD	B16/F2	
GRD	SMLI		04-168	252	G	GRD	B16/F2	
GRD	SMLI		04-168	256	G	GRD	B16/F2	
GRD	SMLI		04-168	303	G	GRD	B16/F2	
GRD	SMLI		04-168	305	G	GRD	B16/F2	
GRD	SMLI		04-168	307	G	GRD	B16/F2	
GRD	SMLI		04-168	313	G	GRD	B16/F2	
GRD	SMLI		04-168	320	G	GRD	B16/F2	
GRD	SMLI		04-168	339	G	GRD	B16/F2	
GRD	SMLI		04-168	344	G	GRD	B16/F2	
GRD	SMLI		04-168	348	G	GRD	B16/F2	
GRD	SMLI		04-168	350	G	GRD	B16/F2	
GRD	SMLI		04-168	352	G	GRD	B16/F2	
GRD	LDT170A		04-170A	AC2	G	TXGND	B16/G0	
GRD	LDT170A		04-170A	AJ	G	RXGND	B16/G0	
GRD	LDT170A		04-170A	AK2	G	TXGND	B16/G0	
GRD	LDT170A		04-170A	BJ	G	RXGND	B16/G0	
GRD	LDT170A		04-170A	BJ2	G	TXGND	B16/G0	
GRD	LDT170B		04-170B	AC	G	TXGND	B16/G8	
GRD	LDT170B		04-170B	AJ2	G	RXGND	B16/G8	
GRD	LDT170B		04-170B	AK	G	TXGND	B16/G8	
GRD	LDT170B		04-170B	BJ	G	TXGND	B16/G8	
GRD	LDT170B		04-170B	BJ2	G	RXGND	B16/G8	
GRD	DMI3		04-176	004	G	GRD	B17/G1	
GRD	DMI3		04-176	013	G	GRD	B17/G1	
GRD	DMI3		04-176	014	G	GRD	B17/G1	
GRD	DMI3		04-176	032	G	GRD	B17/G1	
GRD	DMI3		04-176	043	G	GRD	B17/G1	
GRD	DMI3		04-176	044	G	GRD	B17/G1	
GRD	DMI3		04-176	104	G	GRD	B17/G1	
GRD	DMI3		04-176	113	G	GRD	B17/G1	
GRD	DMI3		04-176	114	G	GRD	B17/G1	
GRD	DMI3		04-176	132	G	GRD	B17/G1	
GRD	DMI3		04-176	143	G	GRD	B17/G1	
GRD	DMI3		04-176	144	G	GRD	B17/G1	
GRD	DMI3		04-176	200	G	GRD	B17/G1	
GRD	DMI3		04-176	201	G	GRD	B17/G1	
GRD	DMI3		04-176	204	G	GRD	B17/G1	

30 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	DMI3		04-176	211	G	GRD	B17/G1	
GRD	DMI3		04-176	221	G	GRD	B17/G1	
GRD	DMI3		04-176	244	G	GRD	B17/G1	
GRD	DMI3		04-176	245	G	GRD	B17/G1	
GRD	DMI3		04-176	248	G	GRD	B17/G1	
GRD	DMI3		04-176	300	G	GRD	B17/G1	
GRD	DMI3		04-176	301	G	GRD	B17/G1	
GRD	DMI3		04-176	304	G	GRD	B17/G1	
GRD	DMI3		04-176	317	G	GRD	B17/G1	
GRD	DMI3		04-176	344	G	GRD	B17/G1	
GRD	DMI3		04-176	345	G	GRD	B17/G1	
GRD	DMI3		04-176	348	G	GRD	B17/G1	
GRD	DMI3		04-176	400	G	GRD	B17/G1	
GRD	DMI3		04-176	401	G	GRD	B17/G1	
GRD	DMI3		04-176	404	G	GRD	B17/G1	
GRD	DMI3		04-176	411	G	GRD	B17/G1	
GRD	DMI3		04-176	421	G	GRD	B17/G1	
GRD	DMI3		04-176	444	G	GRD	B17/G1	
GRD	DMI3		04-176	445	G	GRD	B17/G1	
GRD	DMI3		04-176	448	G	GRD	B17/G1	
GRD	DMI3		04-176	500	G	GRD	B17/G1	
GRD	DMI3		04-176	501	G	GRD	B17/G1	
GRD	DMI3		04-176	504	G	GRD	B17/G1	
GRD	DMI3		04-176	517	G	GRD	B17/G1	
GRD	DMI3		04-176	544	G	GRD	B17/G1	
GRD	DMI3		04-176	545	G	GRD	B17/G1	
GRD	DMI3		04-176	548	G	GRD	B17/G1	
GRD	07-016		07-016	057	G		B18/C1	*
GRD	E4		07-016-057	1	G	GRD1	B18/C2	
GRD	E4		07-016-057	2	G	GRD2	B18/C2	
GRD	E4		07-016-057	3	G	GRD3	B18/C2	
GRD	E4		07-016-057	4	G	GRD4	B18/C2	
GRD	07-034		07-034	057	G		B18/D1	*
GRD	E6		07-034-057	1	G	GRD1	B18/D2	
GRD	E6		07-034-057	2	G	GRD2	B18/D2	
GRD	E6		07-034-057	3	G	GRD3	B18/D2	
GRD	E6		07-034-057	4	G	GRD4	B18/D2	
GRD	07-061		07-061	057	G		B18/E1	*
GRD	E8		07-061-057	1	G	GRD1	B18/E2	
GRD	E8		07-061-057	2	G	GRD2	B18/E2	
GRD	E8		07-061-057	3	G	GRD3	B18/E2	
GRD	E8		07-061-057	4	G	GRD4	B18/E2	
GRD	07-085		07-085	057	G		B18/F1	*
GRD	E10		07-085-057	1	G	GRD1	B18/F2	
GRD	E10		07-085-057	2	G	GRD2	B18/F2	
GRD	E10		07-085-057	3	G	GRD3	B18/F2	
GRD	E10		07-085-057	4	G	GRD4	B18/F2	
GRD	07-108		07-108	057	G		B18/C6	*
GRD	E12		07-108-057	1	G	GRD1	B18/C7	
GRD	E12		07-108-057	2	G	GRD2	B18/C7	
GRD	E12		07-108-057	3	G	GRD3	B18/C7	
GRD	E12		07-108-057	4	G	GRD4	B18/C7	
GRD	07-128		07-128	057	G		B18/D6	*
GRD	E14		07-128-057	1	G	GRD1	B18/D7	
GRD	E14		07-128-057	2	G	GRD2	B18/D7	
GRD	E14		07-128-057	3	G	GRD3	B18/D7	
GRD	E14		07-128-057	4	G	GRD4	B18/D7	
GRD	07-152		07-152	057	G		B18/E6	*
GRD	E16		07-152-057	1	G	GRD1	B18/E7	
GRD	E16		07-152-057	2	G	GRD2	B18/E7	
GRD	E16		07-152-057	3	G	GRD3	B18/E7	
GRD	E16		07-152-057	4	G	GRD4	B18/E7	
GRD	07-174		07-174	057	G		B18/F6	*
GRD	E18		07-174-057	1	G	GRD1	B18/F7	
GRD	E18		07-174-057	2	G	GRD2	B18/F7	
GRD	E18		07-174-057	3	G	GRD3	B18/F7	
GRD	E18		07-174-057	4	G	GRD4	B18/F7	
HRDRST	CCI		04-160	333	I	HRDRST	B15/F2	
HRDRST	DMI3		04-176	053	O	TMSRST	B17/G1	
IOVMON	NCLK_OSC		04-122	041	O	IOVMON	B12/E1	
IOVMON	NCK_CONT		04-144	341	I	IOVMON	B13/F3	
IDATOSC	SMLI		04-168	047	I	IDATOSC	B16/F2	*

COMMUNICATIONS MODULE UNIT

DWG SIZE	ISSUE
C2	6M

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31 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
IDAT0ST	SMLI		04-168	147	I	IDAT0ST	B16/F2	*
IDAT0XC	SMLI		04-168	023	I	IDAT0XC	B16/F2	*
IDAT0XT	SMLI		04-168	123	I	IDAT0XT	B16/F2	*
IDAT1SC	SMLI		04-168	042	I	IDAT1SC	B16/F2	*
IDAT1ST	SMLI		04-168	142	I	IDAT1ST	B16/F2	*
IDAT1XC	SMLI		04-168	019	I	IDAT1XC	B16/F2	*
IDAT1XT	SMLI		04-168	119	I	IDAT1XT	B16/F2	*
IDAT2SC	SMLI		04-168	055	I	IDAT2SC	B16/F2	*
IDAT2ST	SMLI		04-168	155	I	IDAT2ST	B16/F2	*
IDAT2XC	SMLI		04-168	038	I	IDAT2XC	B16/F2	*
IDAT2XT	SMLI		04-168	138	I	IDAT2XT	B16/F2	*
IDAT3SC	SMLI		04-168	051	I	IDAT3SC	B16/F2	*
IDAT3ST	SMLI		04-168	151	I	IDAT3ST	B16/F2	*
IDAT3XC	SMLI		04-168	034	I	IDAT3XC	B16/F2	*
IDAT3XT	SMLI		04-168	134	I	IDAT3XT	B16/F2	*
IMINT0	IOP2		04-033	207	I	IMINT0	B3/F1	*
INHCK10	IOP2		04-033	307	I	INHCK10	B3/F1	*
INT000	IOP2		04-033	754	I	INT000	B3/F1	*
INT010	IOP2		04-033	654	I	INT010	B3/F1	*
INT020	IOP2		04-033	755	I	INT020	B3/F1	*
INT030	IOP2		04-033	655	I	INT030	B3/F1	*
INT1	CD		04-008	116	O	INT	B1/E1	
INT1	PWCON_0		04-020	112	I	INT1	B1/F5	
INT1	PWCON_1		04-026	112	I	INT1	B2/E3	
INT100	IOP2		04-033	354	I	INTT100	B3/F1	
INT100	MSPP		04-098	302	O	INTR0	B11/G3	
INT110	IOP2		04-033	254	I	INTT110	B3/F1	
INT110	MSPP_082		04-082	302	O	INTR0	B9/G3	
INT2	CD		04-008	115	I	INTR	B1/E1	
INT2	PWCON_0		04-020	012	I	INT2	B1/F5	
INT2	PWCON_1		04-026	012	I	INT2	B2/E3	
INT200	IOP2		04-033	554	I	INTT200	B3/F1	
INT200	MSPP_044		04-044	302	O	INTR0	B4/G3	
INT300	IOP2		04-033	154	I	INTT300	B3/F1	
INT300	MSPP_060		04-060	302	O	INTR0	B6/G3	
INTRPT	CCI		04-160	235	O	INTRPT	B15/F2	
INTRPT	DMI3		04-176	045	I	TMSINT	B17/G1	
M/S	TMS_CONT		04-152	136	O	MPMS1	B14/F3	
M/S	CCI		04-160	134	I	M/S	B15/F2	
MADD1	TMS_CONT		04-152	119	IO	MADD1	B14/F3	
MADD1	CCI		04-160	217	I	MADD1	B15/F2	
MADD10	TMS_CONT		04-152	220	IO	MADD10	B14/F3	
MADD10	CCI		04-160	020	I	MADD10	B15/F2	
MADD11	TMS_CONT		04-152	221	IO	MADD11	B14/F3	
MADD11	CCI		04-160	021	I	MADD11	B15/F2	
MADD12	TMS_CONT		04-152	222	IO	MADD12	B14/F3	
MADD12	CCI		04-160	022	I	MADD12	B15/F2	
MADD13	TMS_CONT		04-152	223	IO	MADD13	B14/F3	
MADD13	CCI		04-160	023	I	MADD13	B15/F2	
MADD14	TMS_CONT		04-152	313	IO	MADD14	B14/F3	
MADD14	CCI		04-160	113	I	MADD14	B15/F2	
MADD15	TMS_CONT		04-152	314	IO	MADD15	B14/F3	
MADD15	CCI		04-160	114	I	MADD15	B15/F2	
MADD16	TMS_CONT		04-152	316	IO	MADD16	B14/F3	
MADD16	CCI		04-160	116	I	MADD16	B15/F2	
MADD17	TMS_CONT		04-152	317	IO	MADD17	B14/F3	
MADD17	CCI		04-160	117	I	MADD17	B15/F2	
MADD18	TMS_CONT		04-152	318	IO	MADD18	B14/F3	

32 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
MADD18	CCI		04-160	118	I	MADD18	B15/F2	
MADD19	TMS_CONT		04-152	319	IO	MADD19	B14/F3	
MADD19	CCI		04-160	119	I	MADD19	B15/F2	
MADD2	TMS_CONT		04-152	120	IO	MADD2	B14/F3	
MADD2	CCI		04-160	218	I	MADD2	B15/F2	
MADD20	TMS_CONT		04-152	320	IO	MADD20	B14/F3	
MADD20	CCI		04-160	120	I	MADD20	B15/F2	
MADD21	TMS_CONT		04-152	321	IO	MADD21	B14/F3	
MADD21	CCI		04-160	121	I	MADD21	B15/F2	
MADD22	TMS_CONT		04-152	322	IO	MADD22	B14/F3	
MADD22	CCI		04-160	122	I	MADD22	B15/F2	
MADD23	TMS_CONT		04-152	323	IO	MADD23	B14/F3	
MADD23	CCI		04-160	123	I	MADD23	B15/F2	
MADD3	TMS_CONT		04-152	121	IO	MADD3	B14/F3	
MADD3	CCI		04-160	219	I	MADD3	B15/F2	
MADD4	TMS_CONT		04-152	213	IO	MADD4	B14/F3	
MADD4	CCI		04-160	013	I	MADD4	B15/F2	
MADD5	TMS_CONT		04-152	214	IO	MADD5	B14/F3	
MADD5	CCI		04-160	014	I	MADD5	B15/F2	
MADD6	TMS_CONT		04-152	215	IO	MADD6	B14/F3	
MADD6	CCI		04-160	015	I	MADD6	B15/F2	
MADD7	TMS_CONT		04-152	216	IO	MADD7	B14/F3	
MADD7	CCI		04-160	016	I	MADD7	B15/F2	
MADD8	TMS_CONT		04-152	218	IO	MADD8	B14/F3	
MADD8	CCI		04-160	018	I	MADD8	B15/F2	
MADD9	TMS_CONT		04-152	219	IO	MADD9	B14/F3	
MADD9	CCI		04-160	019	I	MADD9	B15/F2	
MAS0	TMS_CONT		04-152	110	IO	MAS0	B14/F3	
MAS0	CCI		04-160	347	I	MAS0	B15/F2	
MBGACK0	TMS_CONT		04-152	040	I	UMDXLAT0	B14/F3	
MBGACK0	TMS_CONT		04-152	106	I	MBGACK0	B14/F3	
MDAT0	TMS_CONT		04-152	203	IO	MDAT0	B14/F3	
MDAT0	CCI		04-160	003	IO	MDAT0	B15/F2	
MDAT1	TMS_CONT		04-152	204	IO	MDAT1	B14/F3	
MDAT1	CCI		04-160	004	IO	MDAT1	B15/F2	
MDAT10	TMS_CONT		04-152	304	IO	MDAT10	B14/F3	
MDAT10	CCI		04-160	104	IO	MDAT10	B15/F2	
MDAT11	TMS_CONT		04-152	305	IO	MDAT11	B14/F3	
MDAT11	CCI		04-160	105	IO	MDAT11	B15/F2	
MDAT12	TMS_CONT		04-152	307	IO	MDAT12	B14/F3	
MDAT12	CCI		04-160	107	IO	MDAT12	B15/F2	
MDAT13	TMS_CONT		04-152	308	IO	MDAT13	B14/F3	
MDAT13	CCI		04-160	108	IO	MDAT13	B15/F2	
MDAT14	TMS_CONT		04-152	309	IO	MDAT14	B14/F3	
MDAT14	CCI		04-160	109	IO	MDAT14	B15/F2	
MDAT15	TMS_CONT		04-152	310	IO	MDAT15	B14/F3	
MDAT15	CCI		04-160	110	IO	MDAT15	B15/F2	
MDAT2	TMS_CONT		04-152	205	IO	MDAT2	B14/F3	
MDAT2	CCI		04-160	005	IO	MDAT2	B15/F2	
MDAT3	TMS_CONT		04-152	206	IO	MDAT3	B14/F3	
MDAT3	CCI		04-160	006	IO	MDAT3	B15/F2	
MDAT4	TMS_CONT		04-152	207	IO	MDAT4	B14/F3	
MDAT4	CCI		04-160	007	IO	MDAT4	B15/F2	
MDAT5	TMS_CONT		04-152	208	IO	MDAT5	B14/F3	
MDAT5	CCI		04-160	008	IO	MDAT5	B15/F2	
MDAT6	TMS_CONT		04-152	209	IO	MDAT6	B14/F3	
MDAT6	CCI		04-160	009	IO	MDAT6	B15/F2	
MDAT7	TMS_CONT		04-152	210	IO	MDAT7	B14/F3	
MDAT7	CCI		04-160	010	IO	MDAT7	B15/F2	
MDAT8	TMS_CONT		04-152	302	IO	MDAT8	B14/F3	
MDAT8	CCI		04-160	102	IO	MDAT8	B15/F2	
MDAT9	TMS_CONT		04-152	303	IO	MDAT9	B14/F3	
MDAT9	CCI		04-160	103	IO	MDAT9	B15/F2	
MIBLBEN0	SMLI		04-168	347	I	MIBLBEN0	B16/F2	

33 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
MIBLBEN0	DMI3		04-176	042	O	MIBLBBE0	B17/G1	
MIEUPT0	SMLI		04-168	110	O	MIEUPT0	B16/F2	
MIEUPT0	DMI3		04-176	005	I	MI2EQPTB	B17/G1	
MIEUPT0	DMI3		04-176	105	I	MI1EQPTB	B17/G1	
MINIT0	TMS_CONT		04-152	005	O	MINIT0	B14/F3	
MINIT0	CCI		04-160	350	I	MINIT0	B15/F2	
MISCSBE	TMS_CONT		04-152	353	I	MISCSBE	B14/F3	
MISCSBE	SMLI		04-168	346	O	MISCSBE	B16/F2	
MONRRDY1	IOP2		04-033	315	I	MONRRDY1	B3/F1	*
MONTRDY1	IOP2		04-033	115	I	MONTRDY1	B3/F1	*
MPARH	TMS_CONT		04-152	102	IO	MPARH	B14/F3	
MPARH	CCI		04-160	302	IO	MHBYTEPAR	B15/F2	
MPARL	TMS_CONT		04-152	202	IO	MPARL	B14/F3	
MPARL	CCI		04-160	202	IO	MLBYTEPAR	B15/F2	
MPF0	04-006		04-006	103	O		B1/B2	*
MPF0	CD		04-008	153	O	MPF0	B1/E1	
MPMMIC	TMS_CONT		04-152	132	O	MPMMIC1	B14/F3	
MPMMIC	CCI		04-160	132	I	MPMMIC	B15/F2	
MPSMIC	TMS_CONT		04-152	143	O	MPSMIC1	B14/F3	
MPSMIC	CCI		04-160	133	I	MPSMIC	B15/F2	
MRST0	SMLI		04-168	010	I	MRST0	B16/F2	
MRST0	DMI3		04-176	214	O	MRST0	B17/G1	
MRW	TMS_CONT		04-152	013	IO	MR1W0	B14/F3	
MRW	CCI		04-160	349	I	MRW	B15/F2	
MTNMI0	TMS_CONT		04-152	018	O	MTNMI0	B14/F3	
MTNMI0	CCI		04-160	332	I	MTNMIO	B15/F2	
MUXED	TMS_CONT		04-152	145	I	PMMUXER1	B14/F3	
MUXED	CCI		04-160	142	O	MUXED	B15/F2	
MYADD01	IOP2		04-033	247	I	MYADD0I1	B3/F1	*
MYADD11	IOP2		04-033	246	I	MYADD1I1	B3/F1	*
MYADD21	IOP2		04-033	245	I	MYADD2I1	B3/F1	*
MYADD31	IOP2		04-033	244	I	MYADD3I1	B3/F1	*
NC1INT0	NCK_CONT		04-144	203	O	MIINTRP	B13/F3	
NC1INT0	DMI3		04-176	038	I	NC1INT0	B17/G1	
NC2INT1	NCK_CONT		04-144	104	O	INT0	B13/F3	
NC2INT1	DMI3		04-176	140	I	NC2INT1	B17/G1	
NCCLK	NCK_CONT		04-144	102	I	M1CLOCK	B13/F3	
NCCLK	DMI3		04-176	546	O	NCCLK	B17/G1	
NCDIN	NCK_CONT		04-144	202	I	MIRODER	B13/F3	
NCDIN	DMI3		04-176	446	O	NCDIN	B17/G1	
NCDOUT	NCK_CONT		04-144	103	O	MIREPLY	B13/F3	
NCDOUT	DMI3		04-176	547	I	NCDOUT	B17/G1	
NCURPR	PWCON_0		04-020	117	I	CP(-)	B1/F5	
NCURPR	PWCON_1		04-026	117	I	CP(-)	B2/E3	
NCURPR	IOP2		04-033	513	IO	NCURPR	B3/F1	
NCURPR	MSPP_044		04-044	012	IO	NCURPR	B4/G3	
NCURPR	MIB_052		04-052	012	IO	XCURPR1	B5/F4	
NCURPR	MSPP_060		04-060	012	IO	NCURPR	B6/G3	
NCURPR	MIB_068		04-068	012	IO	XCURPR1	B7/F3	
NCURPR	FPCC		04-074	012	O	-CURPR	B8/F3	
NCURPR	MSPP_082		04-082	012	IO	NCURPR	B9/G3	

COMMUNICATIONS MODULE UNIT

DWG SIZE C2 | ISSUE 6M

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34 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
NCURPR	FPC		04-090	012	O	-CURPR	B10/F3	
NCURPR	MSPP		04-098	012	IO	NCURPR	B11/G3	
NCURPR	NCLK_SYN		04-132	012	I	PRRES0	B12/F6	
NCURPR	NCK_CONT		04-144	012	I	PRRES0	B13/F3	
NCURPR	TMS_CONT		04-152	211	IO	MCPP5	B14/F3	
NCURPR	CCI		04-160	313	I	MCPP5	B15/F2	
NCURPR	SMLI		04-168	108	O	CPROG0	B16/F2	
NCURPR	DMI3		04-176	012	O	-CURPR	B17/G1	
O0VMON	NCLK_OSC		04-122	042	O	O0VMON	B12/E1	
O0VMON	NCK_CONT		04-144	342	I	O0VMON	B13/F3	
ODAT0SC	SMLI		04-168	048	O	ODAT0SC	B16/F2	*
ODAT0ST	SMLI		04-168	148	O	ODAT0ST	B16/F2	*
ODAT0XC	SMLI		04-168	024	O	ODAT0XC	B16/F2	*
ODAT0XT	SMLI		04-168	124	O	ODAT0XT	B16/F2	*
ODAT1SC	SMLI		04-168	043	O	ODAT1SC	B16/F2	*
ODAT1ST	SMLI		04-168	143	O	ODAT1ST	B16/F2	*
ODAT1XC	SMLI		04-168	020	O	ODAT1XC	B16/F2	*
ODAT1XT	SMLI		04-168	120	O	ODAT1XT	B16/F2	*
ODAT2SC	SMLI		04-168	056	O	ODAT2SC	B16/F2	*
ODAT2ST	SMLI		04-168	156	O	ODAT2ST	B16/F2	*
ODAT2XC	SMLI		04-168	039	O	ODAT2XC	B16/F2	*
ODAT2XT	SMLI		04-168	139	O	ODAT2XT	B16/F2	*
ODAT3SC	SMLI		04-168	052	O	ODAT3SC	B16/F2	*
ODAT3ST	SMLI		04-168	152	O	ODAT3ST	B16/F2	*
ODAT3XC	SMLI		04-168	035	O	ODAT3XC	B16/F2	*
ODAT3XT	SMLI		04-168	135	O	ODAT3XT	B16/F2	*
ONECDU	SMLI		04-168	007	I	ONECDU	B16/F2	
ONECDU	DMI3		04-176	010	O	ONECDUB	B17/G1	
OOL00	IOP2		04-033	600	I	OOL00	B3/F1	*
OOS	04-006		04-006	101	I		B1/G2	*
OOS	04-006		04-006	114	I		B1/G2	*
OOS	CD		04-008	151	I	OOS3B	B1/E1	
OOS0	CD		04-008	111	I	OOSCONV	B1/E1	
OOS0	PWCON_0		04-020	015	I	OOS(+)	B1/F5	
OOS0	PWCON_1		04-026	015	I	OOS(+)	B2/E3	
OOS1	CD		04-008	109	O	OOSTST	B1/E1	
OOS1	PWCON_0		04-020	115	I	OOS(-)	B1/F5	
OOS1	PWCON_1		04-026	115	I	OOS(-)	B2/E3	
OOS3B0	04-006		04-006	106	I		B12/F2	*
OOS3B0	NCLK_OSC		04-122	116	I	OOS3B0	B12/E1	
OOS3B1	04-006		04-006	119	I		B12/F2	*
OOS3B1	NCLK_OSC		04-122	151	I	OOS3B1	B12/E1	
OOS3BR0	04-006		04-006	006	I		B12/F2	*
OOS3BR0	NCLK_OSC		04-122	016	I	OOS3BR0	B12/E1	
OOS3BR1	04-006		04-006	019	I		B12/F2	*
OOS3BR1	NCLK_OSC		04-122	051	I	OOS3BR1	B12/E1	
OOSR	04-006		04-006	001	I		B1/G2	*
OOSR	04-006		04-006	014	I		B1/G2	*
OOSR	CD		04-008	051	I	OOSR	B1/E1	
OTRMDAT0	FPCC		04-074	419	O	0TRMDAT0	B8/F3	*
PCURPR	PWCON_0		04-020	017	I	CP(+)	B1/F5	
PCURPR	PWCON_1		04-026	017	I	CP(+)	B2/E3	
PCURPR	IOP2		04-033	512	IO	PCURPR	B3/F1	
PCURPR	MSPP_044		04-044	112	IO	PCURPR	B4/G3	
PCURPR	MIB_052		04-052	112	IO	XCURPR0	B5/F4	
PCURPR	MSPP_060		04-060	112	IO	PCURPR	B6/G3	
PCURPR	MIB_068		04-068	112	IO	XCURPR0	B7/F3	
PCURPR	FPCC		04-074	112	O	+CURPR	B8/F3	
PCURPR	MSPP_082		04-082	112	IO	PCURPR	B9/G3	
PCURPR	FPC		04-090	112	O	+CURPR	B10/F3	
PCURPR	MSPP		04-098	112	IO	PCURPR	B11/G3	
PCURPR	NCLK_SYN		04-132	112	I	PRRES1	B12/F6	
PCURPR	NCK_CONT		04-144	112	I	PRRES1	B13/F3	
PCURPR	TMS_CONT		04-152	311	IO	PCPP5	B14/F3	
PCURPR	CCI		04-160	213	I	PCPP5	B15/F2	
PCURPR	SMLI		04-168	107	O	CPROG1	B16/F2	

35 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
PCURPR	DMI3		04-176	112	O	+CURPR	B17/G1	
PLDS0	TMS_CONT		04-152	020	O	PLDS0	B14/F3	
PLDS0	CCI		04-160	345	I	PLDS	B15/F2	
PS32MHZC	CCI		04-160	211	O	PS32MHZC	B15/F2	
PS32MHZC	SMLI		04-168	211	I	PS32MHZC	B16/F2	
PS32MHZT	CCI		04-160	312	O	PS32MHZT	B15/F2	
PS32MHZT	SMLI		04-168	312	I	PS32MHZT	B16/F2	
PSSADD	CCI		04-160	111	O	PSSADD	B15/F2	
PSSADD	SMLI		04-168	111	I	PSSADD	B16/F2	
PSSD	CCI		04-160	212	O	PSSD	B15/F2	
PSSD	SMLI		04-168	212	I	PSSD	B16/F2	
PSSYNC1	CCI		04-160	310	O	PSSYNC1	B15/F2	
PSSYNC1	SMLI		04-168	310	I	PSSYNC1	B16/F2	
PT2MCLK	TMS_CONT		04-152	144	I	PM2MCLK	B14/F3	
PT2MCLK	CCI		04-160	141	O	PT2MCLK	B15/F2	
PUDS0	TMS_CONT		04-152	021	O	PUDS0	B14/F3	
PUDS0	CCI		04-160	346	I	PUDS	B15/F2	
QLI0SBE	TMS_CONT		04-152	351	I	QLI0SBE	B14/F3	
QLI0SBE	SMLI		04-168	248	O	QLI0SBE	B16/F2	
QLI1SBE	TMS_CONT		04-152	252	I	QLI1SBE	B14/F3	
QLI1SBE	SMLI		04-168	245	O	QLI1SBE	B16/F2	
RCV0D0	SMLI		04-168	209	I	RCV0D0	B16/F2	
RCV0D1	SMLI		04-168	308	I	RCV0D1	B16/F2	
RCV0D1	LDT170B		04-170B	BK2	O	RXDATA	B16/G8	
RCV1D0	SMLI		04-168	253	I	RCV1D0	B16/F2	
RCV1D1	SMLI		04-168	353	I	RCV1D1	B16/F2	
RCV1D1	LDT170A		04-170A	BK	O	RXDATA	B16/G0	
RCV2D0	CCI		04-160	209	O	NC1	B15/F2	
RCV2D0	SMLI		04-168	206	I	RCV2D0	B16/F2	
RCV2D1	CCI		04-160	308	O	NC2	B15/F2	
RCV2D1	LDT162B		04-162B	BK2	O	RXDATA	B15/C8	
RCV2D1	SMLI		04-168	306	I	RCV2D1	B16/F2	
RCV3D0	CCI		04-160	253	O	NC3	B15/F2	
RCV3D0	SMLI		04-168	255	I	RCV3D0	B16/F2	
RCV3D1	CCI		04-160	353	O	NC4	B15/F2	
RCV3D1	LDT162A		04-162A	BK	O	RXDATA	B15/C0	
RCV3D1	SMLI		04-168	355	I	RCV3D1	B16/F2	
RCVD	CCI		04-160	238	O	RCVD	B15/F2	
RCVD	DMI3		04-176	051	I	TMSDOUT	B17/G1	
RD1	SMLI		04-168	304	I	RD1	B16/F2	
RD1	DMI3		04-176	503	O	RD1	B17/G1	
REF1N	NCLK_SYN		04-132	354	I	REF1N	B12/F6	*
REF1P	NCLK_SYN		04-132	355	I	REF1P	B12/F6	*
REF2N	NCLK_SYN		04-132	307	I	REF2N	B12/F6	*
REF2P	NCLK_SYN		04-132	308	I	REF2P	B12/F6	*
REF3N	NCLK_SYN		04-132	339	I	REF3N	B12/F6	*
REF3P	NCLK_SYN		04-132	340	I	REF3P	B12/F6	*
REF4N	NCLK_SYN		04-132	322	I	REF4N	B12/F6	*
REF4P	NCLK_SYN		04-132	323	I	REF4P	B12/F6	*
REFEDER	TMS_CONT		04-152	142	I	PMIDER1	B14/F3	
REFEDER	CCI		04-160	140	O	REFEDER	B15/F2	
REFSLIP	TMS_CONT		04-152	141	I	PMSLIP1	B14/F3	
REFSLIP	CCI		04-160	139	O	REFSLIP	B15/F2	
REZ00ON	IOP2		04-033	411	O	REZ00ON	B3/F1	*
REZ00OP	IOP2		04-033	510	O	REZ00OP	B3/F1	*
REZ01ON	IOP2		04-033	611	O	REZ01ON	B3/F1	*
REZ01OP	IOP2		04-033	710	O	REZ01OP	B3/F1	*
RISL80O0	IOP2		04-033	721	O	RISL80O0	B3/F1	*
RISL81O0	IOP2		04-033	321	O	RISL81O0	B3/F1	

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LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
RISL81O0	MSPP_082		04-082	103	I	RISOL0	B9/G3	
RISL81O0	MSPP		04-098	103	I	RISOL0	B11/G3	
RISL82O0	IOP2		04-033	521	O	RISL82O0	B3/F1	
RISL82O0	MSPP_044		04-044	103	I	RISOL0	B4/G3	
RISL83O0	IOP2		04-033	121	O	RISL83O0	B3/F1	
RISL83O0	MSPP_060		04-060	103	I	RISOL0	B6/G3	
RQIP	04-006		04-006	102	I		B1/G3	*
RQIP	04-006		04-006	115	I		B1/G3	*
RQIP	CD		04-008	052	I	RQIP3BR	B1/E1	
RQIPR	04-006		04-006	002	I		B1/G3	*
RQIPR	04-006		04-006	015	I		B1/G3	*
RQIPR	CD		04-008	152	I	RQIP3B	B1/E1	
RS1	CD		04-008	124	O	RS1	B1/E1	
RS1	PWCON_0		04-020	011	I	RS1	B1/F5	*
RS1	PWCON_1		04-026	011	I	RS1	B2/E3	
RS2	CD		04-008	122	I	RS2	B1/E1	
RS2	PWCON_0		04-020	110	I	RS2	B1/F5	*
RS2	PWCON_1		04-026	110	I	RS2	B2/E3	
RS3	CD		04-008	009	O	RS3	B1/E1	
RS3	PWCON_0		04-020	109	I	RS3	B1/F5	
RS3	PWCON_1		04-026	109	I	RS3	B2/E3	
RUARTCL0	IOP2		04-033	107	O	RUARTCL0	B3/F1	*
RUARTDT0	IOP2		04-033	106	O	RUARTDT0	B3/F1	*
SCV0	04-006		04-006	108	O		B1/B3	*
SCV0	CD		04-008	135	O	SCV0	B1/E1	
SCV1	04-006		04-006	121	O		B1/B3	*
SCV1	CD		04-008	136	O	SCV1	B1/E1	
SCVR0	04-006		04-006	008	O		B1/B3	*
SCVR0	CD		04-008	035	O	SCVRTN0	B1/E1	
SCVR1	04-006		04-006	021	O		B1/B3	*
SCVR1	CD		04-008	036	O	SCVRTN1	B1/E1	
SCW0	04-006		04-006	107	O		B1/B1	*
SCW0	CD		04-008	156	O	SCW3B0	B1/E1	
SCW3B1	04-006		04-006	120	O		B1/B3	*
SCW3B1	CD		04-008	143	O	SCW3B1	B1/E1	
SCWR0	04-006		04-006	007	O		B1/B4	*
SCWR0	CD		04-008	056	O	SCWR0	B1/E1	
SCWR1	04-006		04-006	020	O		B1/B3	*
SCWR1	CD		04-008	043	O	SCWR1	B1/E1	
SCX0	04-006		04-006	104	O		B1/B3	*
SCX0	CD		04-008	154	O	SCX3B0	B1/E1	
SCX1	04-006		04-006	117	O		B1/B3	*
SCX1	CD		04-008	141	O	SCX3B1	B1/E1	
SCX3B0	04-006		04-006	110	O		B12/C2	*
SCX3B0	NCLK_OSC		04-122	119	O	SCX3B0	B12/B1	
SCX3B1	04-006		04-006	123	O		B12/C2	*
SCX3B1	NCLK_OSC		04-122	154	O	SCX3B1	B12/E1	
SCX3BR0	04-006		04-006	010	O		B12/C2	*
SCX3BR0	NCLK_OSC		04-122	019	O	SCX3BR0	B12/E1	
SCX3BR1	04-006		04-006	023	O		B12/C2	*
SCX3BR1	NCLK_OSC		04-122	054	O	SCX3BR1	B12/E1	

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LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
SCXR0	04-006		04-006	004	O		B1/B3	*
SCXR0	CD		04-008	054	O	SCX3B0R	B1/E1	
SCXR1	04-006		04-006	017	O		B1/B3	*
SCXR1	CD		04-008	041	O	SCX3B1R	B1/E1	
SCY3B0	04-006		04-006	109	O		B12/C2	*
SCY3B0	NCLK_OSC		04-122	118	O	SCY3B0	B12/E1	
SCY3B1	04-006		04-006	122	O		B12/C2	*
SCY3B1	NCLK_OSC		04-122	153	O	SCY3B1	B12/E1	
SCY3BR0	04-006		04-006	009	O		B12/C2	*
SCY3BR0	NCLK_OSC		04-122	018	O	SCY3BR0	B12/E1	
SCY3BR1	04-006		04-006	022	O		B12/C2	*
SCY3BR1	NCLK_OSC		04-122	053	O	SCY3BR1	B12/E1	
SCYR0	04-006		04-006	003	O		B1/B4	*
SCYR0	CD		04-008	053	O	SCY3BR	B1/E1	
SCYR1	04-006		04-006	016	O		B1/B1	*
SCYR1	CD		04-008	040	O	1SCY3BR	B1/E1	
SEL00O0	IOP2		04-033	701	O	SEL00O0	B3/F1	*
SEL01O0	IOP2		04-033	702	O	SEL01O0	B3/F1	*
SEL02O0	IOP2		04-033	703	O	SEL02O0	B3/F1	*
SEL03O0	IOP2		04-033	704	O	SEL03O0	B3/F1	*
SEL10O0	IOP2		04-033	301	O	SELA10O0	B3/F1	
SEL10O0	MSPP		04-098	305	I	PCSEL0	B11/G3	
SEL11O0	IOP2		04-033	302	O	SELA11O0	B3/F1	
SEL11O0	MSPP_082		04-082	305	I	PCSEL0	B9/G3	
SEL20O0	IOP2		04-033	501	O	SELA20O0	B3/F1	
SEL20O0	MSPP_044		04-044	305	I	PCSEL0	B4/G3	
SEL30O0	IOP2		04-033	101	O	SELA30O0	B3/F1	
SEL30O0	MSPP_060		04-060	305	I	PCSEL0	B6/G3	
SELTMS	CCI		04-160	337	I	SELTMS	B15/F2	
SELTMS	DMI3		04-176	050	O	TMSSEL	B17/G1	
SISL80O0	IOP2		04-033	621	O	SISL80O0	B3/F1	*
SISL81O0	IOP2		04-033	221	O	SISL81O0	B3/F1	
SISL81O0	MSPP_082		04-082	003	I	SISOL0	B9/G3	
SISL81O0	MSPP		04-098	003	I	SISOL0	B11/G3	
SISL82O0	IOP2		04-033	421	O	SISL82O0	B3/F1	
SISL82O0	MSPP_044		04-044	003	I	SISOL0	B4/G3	
SISL83O0	IOP2		04-033	021	O	SISL83O0	B3/F1	
SISL83O0	MSPP_060		04-060	003	I	SISOL0	B6/G3	
SPSRD	CCI		04-160	311	I	SPSRD	B15/F2	
SPSRD	SMLI		04-168	311	O	SPSRD	B16/F2	
SR000	IOP2		04-033	722	I	SR000	B3/F1	*
SR010	IOP2		04-033	622	I	SR010	B3/F1	*
SR020	IOP2		04-033	723	I	SR020	B3/F1	*
SR030	IOP2		04-033	623	I	SR030	B3/F1	*
SR100	IOP2		04-033	322	I	SRR100	B3/F1	
SR100	MSPP		04-098	002	O	SR0	B11/G3	
SR110	IOP2		04-033	222	I	SRR110	B3/F1	
SR110	MSPP_082		04-082	002	O	SR0	B9/G3	
SR200	IOP2		04-033	522	I	SRR200	B3/F1	
SR200	MSPP_044		04-044	002	O	SR0	B4/G3	
SR300	IOP2		04-033	122	I	SRR300	B3/F1	
SR300	MSPP_060		04-060	002	O	SR0	B6/G3	
SRPER0	SMLI		04-168	016	O	SRPER0	B16/F2	
SRPER0	DMI3		04-176	219	I	SRPERRB0	B17/G1	
SYNC0SC	SMLI		04-168	045	O	SYNC0SC	B16/F2	*
SYNC0ST	SMLI		04-168	145	O	SYNC0ST	B16/F2	*
SYNC0XC	SMLI		04-168	021	O	SYNC0XC	B16/F2	*
SYNC0XT	SMLI		04-168	121	O	SYNC0XT	B16/F2	*
SYNC1SC	SMLI		04-168	040	O	SYNC1SC	B16/F2	*

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LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
SYNC1ST	SMLI		04-168	140	O	SYNC1ST	B16/F2	*
SYNC1XC	SMLI		04-168	017	O	SYNC1XC	B16/F2	*
SYNC1XT	SMLI		04-168	117	O	SYNC1XT	B16/F2	*
SYNC2SC	SMLI		04-168	053	O	SYNC2SC	B16/F2	*
SYNC2ST	SMLI		04-168	153	O	SYNC2ST	B16/F2	*
SYNC2XC	SMLI		04-168	036	O	SYNC2XC	B16/F2	*
SYNC2XT	SMLI		04-168	136	O	SYNC2XT	B16/F2	*
SYNC3SC	SMLI		04-168	049	O	SYNC3SC	B16/F2	*
SYNC3ST	SMLI		04-168	149	O	SYNC3ST	B16/F2	*
SYNC3XC	SMLI		04-168	032	O	SYNC3XC	B16/F2	*
SYNC3XT	SMLI		04-168	132	O	SYNC3XT	B16/F2	*
SYNCER0	SMLI		04-168	006	O	SYNCER0	B16/F2	
SYNCER0	DMI3		04-176	307	I	SYNCERB0	B17/G1	
TBA	NCLK_SYN		04-132	348	I	TBAIN	B12/F6	
TBA	NCK_CONT		04-144	348	O	TBAOUT	B13/F3	
TBASTRT	NCLK_SYN		04-132	345	I	TBASTRT	B12/F6	
TBASTRT	NCK_CONT		04-144	345	O	TBASTRT	B13/F3	
TBB	NCLK_SYN		04-132	347	I	TBBIN	B12/F6	
TBB	NCK_CONT		04-144	347	O	TBBOUT	B13/F3	
TBBINN	04-140		04-140	037	I		B13/G2	*
TBBINN	04-140		04-140	236	I		B13/G2	*
TBBINN	NCK_CONT		04-144	334	I	TBBINN	B13/F3	
TBBINP	04-140		04-140	137	I		B13/G2	*
TBBINP	04-140		04-140	336	I		B13/G2	*
TBBINP	NCK_CONT		04-144	335	I	TBBINP	B13/F3	
TBBSTRT	NCLK_SYN		04-132	344	I	TBBSTRT	B12/F6	
TBBSTRT	NCK_CONT		04-144	344	O	TBBSTRT	B13/F3	
TBIN	NCLK_OSC		04-122	034	O	TBOUT1N	B12/E1	
TBIN	04-140		04-140	036	O		B12/C3	*
TBIN	04-140		04-140	237	O		B12/C3	*
TBIP	NCLK_OSC		04-122	035	O	TBOUT1P	B12/E1	
TBIP	04-140		04-140	136	O		B12/C3	*
TBIP	04-140		04-140	337	O		B12/C3	*
TBON	NCLK_OSC		04-122	036	O	TBOUT0N	B12/E1	
TBON	NCK_CONT		04-144	336	I	TBAINN	B13/F3	
TBOP	NCLK_OSC		04-122	037	O	TBOUT0P	B12/E1	
TBOP	NCK_CONT		04-144	337	I	TBAINP	B13/F3	
TMCDLPE1	TMS_CONT		04-152	017	I	TMCDLPE1	B14/F3	
TMCDLPE1	CCI		04-160	251	O	TMCDLPE1	B15/F2	
TMFPCR	TMS_CONT		04-152	004	I	TMDMIR	B14/F3	
TMFPCR	CCI		04-160	249	O	TMFPCR	B15/F2	
TMIPER1	TMS_CONT		04-152	016	IO	TMIPER1	B14/F3	
TMIPER1	CCI		04-160	248	O	TMIPER1	B15/F2	
TMS1MLB0	SMLI		04-168	242	I	TMS1MLB0	B16/F2	
TMS1MLB0	DMI3		04-176	037	O	LI1MLB0B	B17/G1	
TMS8KC	NCK_CONT		04-144	222	I	TMSRTNN	B13/F3	
TMS8KC	CCI		04-160	205	O	TMS8KC	B15/F2	
TMS8KT	NCK_CONT		04-144	223	I	TMSRTNP	B13/F3	
TMS8KT	CCI		04-160	305	O	TMS8KT	B15/F2	
TMSUPER1	TMS_CONT		04-152	015	IO	TMSUPER1	B14/F3	
TMSUPER1	CCI		04-160	246	O	TMSUPER1	B15/F2	
TRCLK	CCI		04-160	338	I	TRCLK	B15/F2	
TRCLK	DMI3		04-176	052	O	TMSCLK	B17/G1	
TSTA	CD		04-008	146	O	TSTA	B1/E1	*
TSTFNE	TMS_CONT		04-152	349	I	TSTFNE	B14/F3	
TSTFNE	SMLI		04-168	343	O	TSTFNE	B16/F2	
UCIBIT0	SMLI		04-168	222	IO	UCIBIT0	B16/F2	
UCIBIT0	DMI3		04-176	122	IO	CIBIT0	B17/G1	
UCIBIT1	SMLI		04-168	322	IO	UCIBIT1	B16/F2	
UCIBIT1	DMI3		04-176	022	IO	CIBIT1	B17/G1	
UCIBIT2	SMLI		04-168	115	IO	UCIBIT2	B16/F2	

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LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
UCIBIT2	DMI3		04-176	121	IO	CIBIT2	B17/G1	
UCIBIT3	SMLI		04-168	015	IO	UCIBIT3	B16/F2	
UCIBIT3	DMI3		04-176	021	IO	CIBIT3	B17/G1	
UCIBIT4	SMLI		04-168	114	IO	UCIBIT4	B16/F2	
UCIBIT4	DMI3		04-176	120	IO	CIBIT4	B17/G1	
UCIBIT5	SMLI		04-168	014	IO	UCIBIT5	B16/F2	
UCIBIT5	DMI3		04-176	020	IO	CIBIT5	B17/G1	
UCIBIT6	SMLI		04-168	113	IO	UCIBIT6	B16/F2	
UCIBIT6	DMI3		04-176	119	IO	CIBIT6	B17/G1	
UCIBIT7	SMLI		04-168	013	IO	UCIBIT7	B16/F2	
UCIBIT7	DMI3		04-176	019	IO	CIBIT7	B17/G1	
UMI11MH	SMLI		04-168	333	O	UMI11MH	B16/F2	
UMI11MH	DMI3		04-176	424	I	MI11MCKB	B17/G1	
UMI12MNT	SMLI		04-168	235	O	UMI12MNT	B16/F2	
UMI12MNT	DMI3		04-176	223	I	MI12MNTB	B17/G1	
UMI18MH	SMLI		04-168	246	O	UMI18MH	B16/F2	
UMI18MH	DMI3		04-176	039	I	MI18MB	B17/G1	
UMI1RDNT	SMLI		04-168	224	O	UMI1RDNT	B16/F2	
UMI1RDNT	DMI3		04-176	423	I	MI1RDNTB	B17/G1	
UMI1RNGC	SMLI		04-168	236	O	UMI1RNGC	B16/F2	
UMI1RNGC	DMI3		04-176	024	I	MI1RNGCB	B17/G1	
UMI1SNK	SMLI		04-168	336	O	UMI1SNK	B16/F2	
UMI1SNK	DMI3		04-176	023	I	MI1SNKB0	B17/G1	
UMI22MNT	SMLI		04-168	233	O	UMI22MNT	B16/F2	
UMI22MNT	DMI3		04-176	222	I	MI22MNTB	B17/G1	
UMI24MH	SMLI		04-168	324	O	UMI24MH	B16/F2	
UMI24MH	DMI3		04-176	422	I	MI24MHB	B17/G1	
UMI28K	SMLI		04-168	335	O	UMI28K	B16/F2	
UMI28K	DMI3		04-176	224	I	MI28KHB	B17/G1	
UMI2RNGB	SMLI		04-168	318	O	UMI2RNGB	B16/F2	
UMI2RNGB	DMI3		04-176	520	I	MI2RGBB0	B17/G1	
UMI2RNGD	SMLI		04-168	219	O	UMI2RNGD	B16/F2	
UMI2RNGD	DMI3		04-176	320	I	MI2RGDB0	B17/G1	
WR1	SMLI		04-168	204	I	WR1	B16/F2	
WR1	DMI3		04-176	403	O	WR1	B17/G1	
WUARTCL0	IOP2		04-033	008	O	WUARTCL0	B3/F1	*
WUARTDT0	IOP2		04-033	007	O	WUARTDT0	B3/F1	*
X8KINC	04-140		04-140	140	I		B15/E2	*
X8KINC	04-140		04-140	339	I		B15/E2	*
X8KINC	CCI		04-160	154	I	X8KINC	B15/F2	
X8KINT	04-140		04-140	040	I		B15/E2	*
X8KINT	04-140		04-140	239	I		B15/E2	*
X8KINT	CCI		04-160	055	I	X8KINT	B15/F2	
X8KOUTC	04-140		04-140	139	O		B15/E7	*
X8KOUTC	04-140		04-140	340	O		B15/E7	*
X8KOUTC	CCI		04-160	153	O	X8KOUTC	B15/F2	
X8KOUTT	04-140		04-140	039	O		B15/F7	*
X8KOUTT	04-140		04-140	240	O		B15/E7	*
X8KOUTT	CCI		04-160	054	O	X8KOUTT	B15/F2	
XADR00	NCLK_SYN		04-132	247	I	XADR00	B12/F6	
XADR00	NCK_CONT		04-144	247	O	XADR00	B13/F3	

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LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
XADR01	NCLK_SYN		04-132	248	I	XADR01	B12/F6	
XADR01	NCK_CONT		04-144	248	O	XADR01	B13/F3	
XADR02	NCLK_SYN		04-132	249	I	XADR02	B12/F6	
XADR02	NCK_CONT		04-144	249	O	XADR02	B13/F3	
XADR03	NCLK_SYN		04-132	250	I	XADR03	B12/F6	
XADR03	NCK_CONT		04-144	250	O	XADR03	B13/F3	
XADR04	NCLK_SYN		04-132	251	I	XADR04	B12/F6	
XADR04	NCK_CONT		04-144	251	O	XADR04	B13/F3	
XADR05	NCLK_SYN		04-132	252	I	XADR05	B12/F6	
XADR05	NCK_CONT		04-144	252	O	XADR05	B13/F3	
XADR06	NCLK_SYN		04-132	044	I	XADR06	B12/F6	
XADR06	NCK_CONT		04-144	138	O	XADR06	B13/F3	
XADR07	NCLK_SYN		04-132	144	I	XADR07	B12/F6	
XADR07	NCK_CONT		04-144	139	O	XADR07	B13/F3	
XCK00IN	IOP2		04-033	408	I	XCK00IN	B3/F1	*
XCK00IP	IOP2		04-033	507	I	XCK00IP	B3/F1	*
XCK01IN	IOP2		04-033	608	I	XCK01IN	B3/F1	*
XCK01IP	IOP2		04-033	707	I	XCK01IP	B3/F1	*
XCPLINN	04-140		04-140	034	I		B13/G3	*
XCPLINN	04-140		04-140	233	I		B13/G3	*
XCPLINN	NCK_CONT		04-144	217	I	XCPLINN	B13/F3	
XCPLINP	04-140		04-140	134	I		B13/G3	*
XCPLINP	04-140		04-140	333	I		B13/G3	*
XCPLINP	NCK_CONT		04-144	218	I	XCPLINP	B13/F3	
XCPLON	04-140		04-140	033	O		B13/G6	*
XCPLON	04-140		04-140	234	O		B13/G6	*
XCPLON	NCK_CONT		04-144	004	O	XCPLON	B13/F3	
XCPLOP	04-140		04-140	133	O		B13/G7	*
XCPLOP	04-140		04-140	334	O		B13/G7	*
XCPLOP	NCK_CONT		04-144	005	O	XCPLOP	B13/F3	
XDATA00	NCLK_SYN		04-132	047	IO	XDATA00	B12/F6	
XDATA00	NCK_CONT		04-144	047	IO	XDATA00	B13/F3	
XDATA01	NCLK_SYN		04-132	048	IO	XDATA01	B12/F6	
XDATA01	NCK_CONT		04-144	048	IO	XDATA01	B13/F3	
XDATA02	NCLK_SYN		04-132	049	IO	XDATA02	B12/F6	
XDATA02	NCK_CONT		04-144	049	IO	XDATA02	B13/F3	
XDATA03	NCLK_SYN		04-132	050	IO	XDATA03	B12/F6	
XDATA03	NCK_CONT		04-144	050	IO	XDATA03	B13/F3	
XDATA04	NCLK_SYN		04-132	051	IO	XDATA04	B12/F6	
XDATA04	NCK_CONT		04-144	051	IO	XDATA04	B13/F3	
XDATA05	NCLK_SYN		04-132	052	IO	XDATA05	B12/F6	
XDATA05	NCK_CONT		04-144	052	IO	XDATA05	B13/F3	
XDATA06	NCLK_SYN		04-132	053	IO	XDATA06	B12/F6	
XDATA06	NCK_CONT		04-144	053	IO	XDATA06	B13/F3	
XDATA07	NCLK_SYN		04-132	054	IO	XDATA07	B12/F6	
XDATA07	NCK_CONT		04-144	054	IO	XDATA07	B13/F3	
XDATA08	NCLK_SYN		04-132	147	IO	XDATA08	B12/F6	
XDATA08	NCK_CONT		04-144	147	IO	XDATA08	B13/F3	
XDATA09	NCLK_SYN		04-132	148	IO	XDATA09	B12/F6	
XDATA09	NCK_CONT		04-144	148	IO	XDATA09	B13/F3	
XDATA10	NCLK_SYN		04-132	149	IO	XDATA10	B12/F6	
XDATA10	NCK_CONT		04-144	149	IO	XDATA10	B13/F3	
XDATA11	NCLK_SYN		04-132	150	IO	XDATA11	B12/F6	
XDATA11	NCK_CONT		04-144	150	IO	XDATA11	B13/F3	
XDATA12	NCLK_SYN		04-132	151	IO	XDATA12	B12/F6	
XDATA12	NCK_CONT		04-144	151	IO	XDATA12	B13/F3	
XDATA13	NCLK_SYN		04-132	152	IO	XDATA13	B12/F6	
XDATA13	NCK_CONT		04-144	152	IO	XDATA13	B13/F3	
XDATA14	NCLK_SYN		04-132	153	IO	XDATA14	B12/F6	
XDATA14	NCK_CONT		04-144	153	IO	XDATA14	B13/F3	
XDATA15	NCLK_SYN		04-132	154	IO	XDATA15	B12/F6	
XDATA15	NCK_CONT		04-144	154	IO	XDATA15	B13/F3	
XDEN0	NCLK_SYN		04-132	238	I	XDEN0	B12/F6	
XDEN0	NCK_CONT		04-144	238	O	XDEN0	B13/F3	

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
XDT1R0	NCLK_SYN		04-132	237	I	XDT1R0	B12/F6	
XDT1R0	NCK_CONT		04-144	237	O	XDT1R0	B13/F3	
XEDER	TMS_CONT		04-152	140	I	PMXEDER1	B14/F3	
XEDER	CCI		04-160	138	O	XEDER	B15/F2	
XM1D0	SMLI		04-168	241	O	XM1D0	B16/F2	
XM1D1	SMLI		04-168	340	O	XM1D1	B16/F2	
XM1D1	LDT170A		04-170A	BK2	I	TXDATA	B16/G0	
XM2D0	CCI		04-160	220	I	NC13	B15/F2	
XM2D0	SMLI		04-168	223	O	XM2D0	B16/F2	
XM2D1	CCI		04-160	321	I	NC14	B15/F2	
XM2D1	LDT162B		04-162B	BK	I	TXDATA	B15/C8	
XM2D1	SMLI		04-168	323	O	XM2D1	B16/F2	
XM3D0	CCI		04-160	241	I	NC15	B15/F2	
XM3D0	SMLI		04-168	238	O	XM3D0	B16/F2	
XM3D1	CCI		04-160	340	I	NC16	B15/F2	
XM3D1	LDT162A		04-162A	BK2	I	TXDATA	B15/C0	
XM3D1	SMLI		04-168	338	O	XM3D1	B16/F2	
XMITD	CCI		04-160	336	I	XMITD	B15/F2	
XMITD	DMI3		04-176	048	O	TMSDIN	B17/G1	
XMOD0	SMLI		04-168	220	O	XM0D0	B16/F2	
XMOD1	SMLI		04-168	321	O	XM0D1	B16/F2	
XMOD1	LDT170B		04-170B	BK	I	TXDATA	B16/G8	
XRD0	NCLK_SYN		04-132	242	I	XRD0	B12/F6	
XRD0	NCK_CONT		04-144	242	O	XRD0	B13/F3	
XSLIP	TMS_CONT		04-152	139	I	PMXSLIP1	B14/F3	
XSLIP	CCI		04-160	137	O	XSLIP	B15/F2	
XWR0	NCLK_SYN		04-132	241	I	XWR0	B12/F6	
XWR0	NCK_CONT		04-144	241	O	XWR0	B13/F3	

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DESIGNATION MNEMONICS

+5PWR	B10F3	PLUS FIVE VOLT POWER PLANE
-48A	B18A1	MINUS 48 VOLT POWER FOR SN516B, 410AA IN EQLS 008,020,026 RESPECTIVELY
-48AR	B2E3	MINUS 48 VOLT RETURN FOR SN516B, 410AA IN EQLS 008, 020, 026 RESPECTIVELY
-48B	B18A6	MINUS 48 POWER FOR NCK OSC IN EQL 122
-48BR	B12F2	MINUS 48 RETURN NCK OSC IN EQL 122
0ACCDALR	B8C6	CONTROL AND DIAGNOSTIC ACCESS LINK, ACTIVE PC STATUS RETURN
0ACTCDAL	B8F6	CONTROL AND DIAGNOSTIC ACCESS LINK, ACTIVE FPC STATUS
0CLK	B17F1	SIDE 0 CLOCK
0CLKNA0	B5B2	SIDE A CLOCK, SIDE 0 (NEGATIVE)
0CLKNA1	B5B2	SIDE A CLOCK, SIDE 1 (NEGATIVE)
0CLKNA3	B10C3	TRANSMIT SERIAL CHANNEL ZERO CLOCK (NEGATIVE)
0CLKPA0	B5C2	SIDE A CLOCK, SIDE 0 (POSITIVE)
0CLKPA1	B7B2	SIDE A CLOCK, SIDE 0 (POSITIVE)
0CLKPA3	B10C3	TRANSMIT SERIAL CHANNEL ZERO CLOCK (POSITIVE)
0CLKR	B17F1	SIDE 0 CLOCK COMPLEMENT
0DIN	B17F1	SIDE 0 DATA IN
0DINR	B17F2	SIDE 0 DATA IN COMPLEMENT
0DMIINT	B17C1	SIDE 0 DUAL MESSAGE INTERFACE INTERRUPT
0DMIINTR	B17C2	SIDE 0 DUAL MESSAGE INTERFACE INTERRUPT COMPLEMENT
0DMISEL	B17F2	SIDE 0 DUAL MESSAGE INTERFACE SELECT
0DMISELR	B17F2	SIDE 0 DUAL MESSAGE INTERFACE SELECT COMPLEMENT
0DOUT	B17C2	SIDE 0 DATA OUT
0DOUTR	B17C2	SIDE 0 DATA OUT COMPLEMENT
0FPCACT	B17C2	SIDE 0 FOUNDATION PERIPHERAL CONTROLLER ACTIVE
0FPCACTR	B17F2	SIDE 0 FOUNDATION PERIPHERAL CONTROLLER ACTIVE COMPLEMENT
0GO	B17F2	SIDE 0 GO
0GOR	B17F3	SIDE 0 GO COMPLEMENT
0LISEL[0:1]	B8C6	SIDE 0, LINK INTERFACE SELECT (POS, INVERTED)
0NCINT	B17C2	SIDE 0 NETWORK CLOCK INTERRUPT
0NCINTR	B17C2	SIDE 0 NETWORK CLOCK INTERRUPT COMPLEMENT
0NCKSEL[00:10]	B8E6	SIDE 0, NETWORK CLOCK SELECT (POS, INVERTED)
0NCSEL	B17F3	SIDE 0 NETWORK CLOCK SELECT
0NCSELR	B17F3	SIDE 0 NETWORK CLOCK SELECT COMPLEMENT
0RDATAN0	B5C2	SIDE A SIDE 0, RECEIVE DATA (NEGATIVE)
0RDATAN1	B7C2	SIDE A SIDE 0, RECEIVE DATA (NEGATIVE)
0RDATAN3	B10C3	PUMP PERIPHERAL CONTROLLER SIDE 0 RECEIVE DATA (NEGATIVE)
0RDATAP0	B5C2	SIDE A, SIDE 0 RECEIVE DATA (POSITIVE)
0RDATAP1	B7C2	SIDE A, SIDE 0 RECEIVE DATA (POSITIVE)
0RDATAP3	B10C3	PUMP PERIPHERAL CONTROLLER SIDE 0 RECEIVE DATA (POSITIVE)
0SA+	B1C6	OVERVOLTAGE SENSING ALARM
0SACDALR	B8C3	SIDE 0, CONTROL AND DIAGNOSTIC ACCESS LINK, ACTIVE FPC STATUS RETURN
0STACDAL	B8C3	SIDE 0, CONTROL AND DIAGNOSTIC ACCESS LINK, ACTIVE FPC STATUS
0SYNCNA0	B5D2	SIDE A SYNC, SIDE 0 (NEGATIVE)
0SYNCNA1	B7C2	SIDE A SYNC, SIDE 0 (NEGATIVE)
0SYNCNA3	B10D3	PUMP PERIPHERAL CONTROLLER SIDE 0 SYNC (NEGATIVE)
0SYNCPA0	B5D2	SIDE A SYNC, SIDE 0 (POSITIVE)
0SYNCPA1	B7D2	SIDE A SYNC, SIDE 0 (POSITIVE)
0SYNCPA3	B10C6	PUMP PERIPHERAL CONTROLLER SIDE 0 SYNC (POSITIVE)
0TDATAN0	B5D8	SIDE A, SIDE 0, TRANSMIT DATA (NEGATIVE)
0TDATAN1	B7D7	SIDE A, SIDE 0 TRANSMIT DATA (NEGATIVE)
0TDATAN3	B10C6	PUMP PERIPHERAL CONTROLLER SIDE 0 TRANSMIT DATA (NEGATIVE)
0TDATAP0	B5E8	SIDE A, SIDE 0, TRANSMIT DATA (POSITIVE)
0TDATAP1	B7D7	SIDE A, SIDE 0, TRANSMIT DATA (POSITIVE)
0TDATAP3	B10C6	PUMP PERIPHERAL CONTROLLER SIDE 0 TRANSMIT 0 (POSITIVE)
0TMSINT	B17C2	SIDE 0 TIME MULTIPLEXED SWITCH INTERRUPT
0TMSINTR	B17C3	SIDE 0 TIME MULTIPLEXED SWITCH INTERRUPT COMPLEMENT
0TMSRDY	B17C3	SIDE 0 TIME MULTIPLEXED SWITCH READY
0TMSRDYR	B17C3	SIDE 0 TIME MULTIPLEXED SWITCH READY COMPLEMENT
0TMSRQT	B17C3	SIDE 0 TIME MULTIPLEXED SWITCH SERVICE REQUEST
0TMSRQTR	B17C3	SIDE 0 TIME MULTIPLEXED SWITCH SERVICE REQUEST COMPLEMENT
0TMSRST	B17F3	SIDE 0 TIME MULTIPLEXED SWITCH RESET
0TMSRSTR	B17F3	SIDE 0 TIME MULTIPLEXED SWITCH RESET COMPLEMENT
0TMSSEL	B17F3	SIDE 0 TIME MULTIPLEXED SWITCH SELECT
0TMSSELR	B17F4	SIDE 0 TIME MULTIPLEXED SWITCH SELECT COMPLEMENT
0TMSSR0	B8D3	SIDE 0, TMS SERVICE REQUEST (POS)
0TMSSR1	B8D3	SIDE 0, TMS SERVICE REQUEST (INVERTER)
0TRCLK0	B8D6	SIDE 0, TRANSMIT RECEIVE CLOCK (POS)
0TRCLK1	B8D6	SIDE 0, TRANSMIT RECEIVE CLOCK (INVERTED)
0TRMDAT1	B8E6	SIDE 0, TRANSMIT DATA (INVERTED)
0WIACT	B17C3	SIDE 0, WHICH FOUNDATION PERIPHERAL CONTROLLER ACTIVE
0WIACTR	B17C3	SIDE 0 WHICH FOUNDATION PERIPHERAL CONTROLLER ACTIVE COMPLEMENT
1ACCDALR	B8C6	SIDE 1, CONTROL AND DIAGNOSTIC ACCESS LINK, ACTIVE FPC STATUS RETURN
1ACTCDAL	B8C6	SIDE 1, CONTROL AND DIAGNOSTIC ACCESS LINK, ACTIVE FPC STATUS
1CLK	B17F1	SIDE 1 CLOCK
1CLKNA0	B5B2	SIDE A CLOCK, SIDE 1 (NEGATIVE)
1CLKNA1	B7B2	CLOCK SIDE 1 (NEGATIVE)
1CLKNA3	B10C3	PUMP PERIPHERAL CONTROLLER SIDE 1 CLOCK (NEGATIVE)
1CLKPA1	B7B2	CLOCK, SIDE 1 (POSITIVE)
1CLKPA3	B10C3	PUMP PERIPHERAL SIDE 0 CLOCK (POS)
1CLKR	B17F1	SIDE 1 CLOCK COMPLEMENT
1DIN	B17F2	SIDE 1 DATA IN
1DINR	B17F2	SIDE 1 DATA IN COMPLEMENT
1DMIINT	B17C2	SIDE 1 DUAL MESSAGE INTERFACE INTERRUPT
1DMIINTR	B17C2	SIDE 1 DUAL MESSAGE INTERFACE INTERRUPT COMPLEMENT
1DMISEL	B17F2	SIDE 1 DUAL MESSAGE INTERFACE SELECT
1DMISELR	B17F2	SIDE 1 DUAL MESSAGE INTERFACE SELECT COMPLEMENT
1DOUT	B17C2	SIDE 1 DATA OUT
1DOUTR	B17C2	SIDE 1 DATA OUT COMPLEMENT
1FPCACT	B17F2	SIDE 1 FOUNDATION PERIPHERAL CONTROLLER ACTIVE
1FPCACTR	B17F2	SIDE 1 FOUNDATION PERIPHERAL CONTROLLER ACTIVE COMPLEMENT
1GO	B17F2	SIDE 1 GO
1GOR	B17F3	SIDE 1 GO COMPLEMENT
1MPF0	B1B1	SIDE 1 POWER FAIL
1NCINT	B17C2	SIDE 1 NETWORK CLOCK INTERRUPT
1CINTR	B17C2	SIDE 1 NETWORK CLOCK INTERRUPT COMPLEMENT
1NCKIT10	B8D3	SIDE 1 NETWORK CLOCK INTERRUPT (POS)
1NCKIT11	B8D3	SIDE 1 NETWORK CLOCK INTERRUPT (INVERTED)
1NCSEL	B17F3	SIDE 1 NETWORK CLOCK SELECT
1NCSELR	B17F3	SIDE 1 NETWORK CLOCK SELECT COMPLEMENT
1RDATAN0	B5C2	SIDE A, SIDE 1 RECEIVE DATA (NEG)
1RDATAN1	B7C2	SIDE 1, RECEIVE DATA (NEG)
1RDATAN3	B10C3	PUMP PERIPHERAL CONTOLLER SIDE 1 RECEIVE DATA (NEGATIVE)

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DESIGNATION MNEMONICS

1RDATAP0	B5D2	SIDE 1, RECEIVE DATA (POSITIVE)
1RDATAP1	B7C2	SIDE 1, RECEIVE DATA (POSITIVE)
1RDATAP3	B10D3	PUMP PERIPHERAL CONTROLLER SIDE 1 RECEIVE DATA (POSITIVE)
1SA+	B2D6	OVERVOLTAGE SENSING ALARM
1SACDALR	B8C3	SIDE 1 CONTROL AND DIAGNOSTIC ACCESS LINK, ACTIVE FPC STATUS RETURN
1STACDAL	B8C3	SIDE 1 CONTROL AND DIAGNOSTIC ACCESS LINK, ACTIVE FPC STATUS
1SYNCNA0	B5D2	SYNC, SIDE 1 (NEGATIVE)
1SYNCNA1	B7D2	SYNC, SIDE 1 (NEGATIVE)
1SYNCNA3	B10D3	PUMP PERIPHERAL CONTROLLER SIDE 1 SYNC (NEGATIVE)
1SYNCPA0	B5D2	SYNC, SIDE 1 (POSITIVE)
1SYNCPA1	B7D2	SYNC, SIDE 1 (POSITIVE)
1SYNCPA3	B10D3	PUMP PERIPHERAL CONTROLLER SIDE 1 SYNC (POSITIVE)
1TDATAN0	B5E8	SIDE 1, TRANSMIT DATA (NEG)
1TDATAN1	B7D7	SIDE 1, TRANSMIT DATA (NEG)
1TDATAN3	B10C6	PUMP PERIPHERAL CONTROLLER SIDE 1 RECEIVE DATA (NEG)
1TDATAP0	B5E8	SIDE 1, TRANSMIT DATA (POS)
1TDATAP1	B7E7	SIDE 1, TRANSMIT DATA (POS)
1TDATAP3	B10C6	PUMP PERIPHERAL CONTROLLER SIDE 1 RECEIVE DATA (POS)
1TMSINT	B17C2	SIDE 1 TIME MULTIPLEXED SWITCH INTERRUPT
1TMSINTR	B17C3	SIDE 1 TIME MULTIPLEXED SWITCH INTERRUPT COMPLEMENT,
1TMSRDY	B17C3	SIDE 1 TIME MULTIPLEXED SWITCH READY
1TMSRDYR	B17C3	SIDE 1 TIME MULTIPLEXED SWITCH READY COMPLEMENT
1TMSRQT	B17C3	SIDE 1 TIME MULTIPLEXED SWITCH SERVICE REQUEST
1TMSRQTR	B17C3	SIDE 1 TIME MULTIPLEXED SWITCH SERVICE REQUEST COMPLEMENT
1TMSRST	B17F3	SIDE 1 TIME MULTIPLEXED SWITCH RESET
1TMSRSTR	B17F3	SIDE 1 TIME MULTIPLEXED SWITCH RESET COMPLEMENT
1TMSSEL	B17F4	SIDE 1 TIME MULTIPLEXED SWITCH SELECT
1TMSSELR	B17F4	SIDE 1 TIME MULTIPLEXED SWITCH SELECT COMPLEMENT
1WIACT	B17C3	WHICH FOUNDATION PERIPHERAL CONTROLLER IS ACTIVE
1WIACTR	B17C4	WHICH FOUNDATION PERIPHERAL CONTROLLER IS ACTIVE COMPLEMENT
4MHZ[0:3]SC	B16C5	4MHZ CLOCK
4MHZ[0:3]ST	B16C5	4MHZ CLOCK
4MHZ[0:3]XC	B16C5	4MHZ CLOCK
4MHZ[0:3]XT	B16C5	4MHZ CLOCK
75REF1	B12C5	NETWORK CLOCK 1
75REF2	B12C5	NETWORK CLOCK 1
75REF3	B12D5	DIGITAL REFERENCE INPUT (NEGATIVE LEAD)
75REF4	B12D5	DIGITAL REFERENCE INPUT (NEGATIVE LEAD)
8KREF	B13E6	TMS 8KHZ REFERENCE
8KREFR	B15C3	TMS 8KHZ REFERENCE RETURN
A(0,1)10MINT	B4D6	
A(0,1)AD2PE0	B5C6	MODULE MESSAGE PROCESSOR, ADDRESS TWO PARITY ERROR, ACTIVE LOW
A(0,1)ADDA[17:19]	B5E6	MODULE MESSAGE PROCESSOR, ADDRESS PARITY LEAD
A(0,1)ADDPH	B4C6	MODULE MESSAGE PROCESSOR, ADDRESS PARITY HIGH
A(0,1)ADDPL	B5D6	MODULE MESSAGE PROCESSOR, ADDRESS PARITY LOW
A(0,1)ADDPM	B4C6	MODULE MESSAGE PROCESSOR, ADDRESS PARITY MEDIUM
A(0,1)ADD[00:16]	B5D6	MODULE MESSAGE PROCESSOR, ADDRESS PARITY LEAD
A(0,1)ALWPGE	B4D6	MODULE MESSAGE PROCESSOR, ALLOW PROGRAMMING ERROR, ACTIVE LOW
A(0,1)CLK4MZ	B5E3	MODULE MESSAGE PROCESSOR, 4MHZ CLOCK
A0CLRES0	B5E3	MODULE MESSAGE PROCESSOR, CLEAR ERROR SOURCE REGISTER, ACTIVE LOW
A(0,1)CMDINT	B5D3	MODULE MESSAGE PROCESSOR, COMMAND INTERRUPT, ACTIVE LOW
A(0,1)CONTWS	B4C3	MODULE MESSAGE PROCESSOR, CONTINUOUS WAIT STATE, ACTIVE LOW
A(0,1)CSWIN0	B4E6	MODULE MESSAGE PROCESSOR, CHIP SELECT WINDOW, ACTIVE LOW
A(0,1)DAPALO	B5D6	MODULE MESSAGE PROCESSOR, DATA PARITY LOW
A(0,1)DAT2PE	B4C3	MODULE MESSAGE PROCESSOR, DATA TWO PARITY ERROR, ACTIVE LOW
A(0,1)DATA[00:07]	B5D6	MODULE MESSAGE PROCESSOR, DATA LEAD (00-07)
A(0,1)DILRHW	B5E3	MODULE MESSAGE PROCESSOR, DIRECTION, LOW READ, HIGH WRITE
A(0,1)DLYDIR	B5D6	MODULE MESSAGE PROCESSOR, DELAY DIRECTION CONTROL
A(0,1)DYRWAT	B5E3	MODULE MESSAGE PROCESSOR, CONTINUOUS WAIT STATE, (TN856), ACTIVE HIGH
A(0,1)ENBYB0	B5E6	MODULE MESSAGE PROCESSOR, ENABLE BYTE, ACTIVE LOW
A(0,1)ENLBY0	B4D3	MODULE MESSAGE PROCESSOR, ENABLE LOW BYTE, ACTIVE LOW
A(0,1)FUNCN1	B5E3	MODULE MESSAGE PROCESSOR, EXTERNAL FUNCTIONS ENABLE, ACTIVE HIGH
A(0,1)HLDAC0	B4E6	MODULE MESSAGE PROCESSOR, HOLD ACKNOWLEDGE, ACTIVE LOW
A(0,1)HLDREQ	B5F6	MODULE MESSAGE PROCESSOR, HOLD REQUEST, ACTIVE LOW
A(0,1)INTAC0	B5E3	MODULE MESSAGE PROCESSOR, INTERRUPT ACKNOWLEDGE, ACTIVE LOW
A(0,1)INTREQ	B5F6	MODULE MESSAGE PROCESSOR, INTERRUPT REQUEST, ACTIVE LOW
A(0,1)IORD0	B5F3	MODULE MESSAGE PROCESSOR, INPUT OUTPUT READ, ACTIVE LOW
A(0,1)IOWT0	B4E6	MODULE MESSAGE PROCESSOR, INPUT OUTPUT WRITE, ACTIVE LOW
A(0,1)LATCH0	B5F3	MODULE MESSAGE PROCESSOR, LATCH READ DATA, ACTIVE LOW
A(0,1)MEMIO0	B4F6	MODULE MESSAGE PROCESSOR, MEMORY DIRECTION, ONE INPUT, ZERO OUTPUT
A(0,1)MEMRD0	B5F6	MODULE MESSAGE PROCESSOR, MEMORY READ, ACTIVE LOW
A(0,1)MEMWT0	B4C6	MODULE MESSAGE PROCESSOR, MEMORY WRITE, ACTIVE LOW
A(0,1)PBHE0	B5E6	MODULE MESSAGE PROCESSOR, PERIPHERAL BUS HIGH ENABLE, ACTIVE LOW
A(0,1)PWRST0	B5F3	MODULE MESSAGE PROCESSOR, POWER RESTART, ACTIVE LOW
A210MINT	B8E3	EXTERNAL 10 MILLISECOND INTERRUPT
A2AD2PE0	B8E6	FPC ADDRESS PARITY
A2ADDPH	B9C6	EXTERNAL ADDRESS PARITY HIGH
A2ADDPL	B8E3	EXTERNAL ADDRESS PARITY LOW
A2ALWPGE	B9D6	EXTERNAL ALLOW PROGRAMMING ERROR
A2CLK4MZ	B8E3	FPC EXTERNAL 4 MHZ CLOCK
A2CLRES0	B9E6	EXTERNAL CLEAR ERROR DETECTION CIRCUIT
A2CMDINT	B8D3	COMMAND INTERRUPT
A2CSWIN0	B9E6	EXTERNAL CHIP SELECT WINDOW
A2DAPALO	B8C6	EXTERNAL PARITY DATA LOW
A2DAT2PE	B8E6	FPC DATA PARITY
A2DATA[00:07]	B9C3	EXTERNAL DATA (0-7)
A2ENBYB0	B8E6	ENABLE HIGH BIT
A2ENLBYBO	B9D3	ENABLE LOW BYTE
A2FUNCN1	B9E6	FPC EXTERNAL CONTINUOUS WAIT STATE
A2INTAC0	B8F3	EXTERNAL INTERRUPT ACKNOWLEDGE
A2INTREQ	B9F3	EXTERNAL INTERRUPT REQUEST
A2IORD0	B9E6	EXTERNAL INPUT/OUTPUT READ
A2IOWT0	B8F3	EXTERNAL INPUT/OUTPUT WRITE
A2LATCH0	B9E6	EXTERNAL LATCH
A2MEMIO0	B9F6	EXTERNAL MEMORY INPUT/OUTPUT
A2P2IN	B8F6	EQUIPPED APPLICATION PIN 2
A2PWRST0	B9F6	FPC EXTERNAL POWER RESTART
A2XADD[00:15]	B8D3	EXTERNAL ADDRESS
A310MINT	B11D6	EXTERNAL 10 MISSESECOND INTERRUPT
A3ADDPH	B10E3	EXTERNAL ADDRESS PARITY HIGH
A3ADDPL	B11C6	EXTERNAL ADDRESS PARITY LOW
A3ALWPGE	B10E3	EXTERNAL ALLOW PROGRAMMING ERROR
A3CLK86	B11D6	EXTERNAL CLOCK 8086
A3CSWIN0	B10E3	EXTERNAL CHIP SELECT WINDOW

COMMUNICATIONS MODULE UNIT

DWG SIZE	ISSUE
C2	6M

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DESIGNATION MNEMONICS

A3DAPAHI	B10D3	EXTERNAL PARITY HIGH
A3DAPALO	B10C6	EXTERNAL PARITY LOW
A3DATA[00:07]	B10C6	EXTERNAL DATA [00-07]
A3ENBYB0	B11D3	ENABLE BYTE BYTE
A3ENHBYT	B10D6	ENABLE BYTE BYTE
A3ENHBYT	B11D3	ENABLE LOW BYTE
A3INTAC0	B10F3	EXTERNAL INTERRUPT ACKNOWLEDGE
A3INTREQ	B11F3	EXTERNAL INTERRUPT REQUEST
A3IORD0	B11E6	EXTERNAL INPUT/OUTPUT READ
A3IOWT0	B10F3	EXTERNAL INPUT/OUTPUT WRITE
A3LATCH0	B11E6	EXTERNAL LATCH
A3MEMIO0	B10F3	EXTERNAL MEMORY INPUT/OUTPUT
A3MEMRD0	B11C6	EXTERNAL MEMORY READ
A3MEMWT0	B10F3	EXTERNAL MEMORY WRITE
A3P1IN	B11E3	EQUIPPED APPLICATION PIN 1
A3P2IN	B10E6	EQUIPPED APPLICATION PIN 2
A3PBHE0	B11E3	PERIPHERAL BUS ENABLE
A3PUMPS0	B11E3	PPC CHIP SELECT
A3WDAT[08:15]	B10E3	EXTERNAL DATA (08-15)
ACLKPA0	B5C2	SIDE A CLOCK, SIDE 0 (POSITIVE)
ALM1	B2D6	POWER CONVERTER ALARM
ALM2	B1G1	POWER CONVERTER ALARM
B1034EN1	B17C1	ADDRESS RANGE SELECT
B186EN1	B16C3	UN186B ENABLE
B7CPILB	B16C6	CPI LOOPBACK BIT
BDB[00:07]1	B3D1	DATA BUS LOW BYTE
BDSEL0	B12D5	SYNC PACK 0 BOARD SELECT (ACTIVE LOW)
BSRF[0:1]	B12D5	BASIC SYNC REFERENCE FREQUENCY PACK 0 OR 1 SIGNAL CONDUCTOR INPUT
BSTA[0:2]	B16C3	TIME SLOT SWITCHING ADDRESS
BSTA[6:7]	B17C4	TIMESLOT SWITCHING ADDRESS
BUSY	B17F7	TMS READY
CCLOCK1	B3C3	UNINHIBITABLE CLOCK
CIA[0:3]	B17C4	REGISTER ADDRESS
CICBERR	B15C6	TMS CONTROLLER INPUT BUS ERROR 1
CINT0O0	B3C3	INTERRUPT PERIPHERAL CONTROLLER
CINT1O0	B3C3	INTERRUPT PERIPHERAL CONTROLLER
CINT2O0	B3C3	INTERRUPT PERIPHERAL CONTROLLER
CINT3O0	B3C4	INTERRUPT PERIPHERAL CONTROLLER
CK4MER0	B16C6	MIB CLOCK ERROR
CLK00CN	B3C4	DIFF (- LEAD) DSCH SIDE 0 CLOCK OUTPUT
CLK00OP	B3C4	DIFF (+ LEAD) DSCH SIDE 0 CLOCK OUTPUT
CLK01CN	B3C4	DIFF (- LEAD) DSCH SIDE 1 CLOCK OUTPUT
CLK01OP	B3C4	DIFF (+ LEAD) DSCH SIDE 1 CLOCK OUTPUT
CLOCK1	B3C4	INHIBITABLE CLOCK
CLR0O0	B3C4	RESET PERIPHERAL CONTROLLER
CLR1O0	B3C4	RESET PERIPHERAL CONTROLLER
CLR2O0	B3C4	RESET PERIPHERAL CONTROLLER
CLR3O0	B3C4	RESET PERIPHERAL CONTROLLER
CPI	B16C3	CPI BIT
CSA100	B11D6	COMMAND INTERRUPT
CSA110	B3G3	CONTROL SIGNAL ACKNOWLEDGE
CSA200	B3G3	CONTROL SIGNAL ACKNOWLEDGE
CSA300	B3G3	CONTROL SIGNAL ACKNOWLEDGE
CSA[00:03]0	B3F2	CONTROL SIGNAL ACKNOWLEDGE
DAH00BN	B3A0	DIFF (- LEAD) DSCH SIDE 0 DATA LEAD
DAH00BP	B3A1	DIFF (+ LEAD) DSCH SIDE 0 DATA LEAD
DAH01BN	B3A0	DIFF (- LEAD) DSCH SIDE 1 DATA LEAD
DAH01BP	B3A1	DIFF (+ LEAD) DSCH SIDE 1 DATA LEAD
DAL00BN	B3A1	DIFF (- LEAD) DSCH SIDE 0 DATA LEAD
DAL00BP	B3A1	DIFF (+ LEAD) DSCH SIDE 0 DATA LEAD
DAL01BN	B3A1	DIFF (- LEAD) DSCH SIDE 1 DATA LEAD
DAL01BP	B3A1	DIFF (+ LEAD) DSCH SIDE 1 DATA LEAD
DGN	B1G2	POWER SWITCH MONITOR DIAGNOSTIC LEAD
DGNR	B1G4	POWER SWITCH MONITOR DIAGNOSTIC RETURN LEAD
DMA0[00:15]O1	B3D2	DMA ADDRESS
DMA1[00:15]O1	B11C3	DMA ADDRESS
DMA2[00:15]O1	B3C2	DMA ADDRESS
DMA3[00:15]O1	B3C2	DMA ADDRESS
DMAD[00:08]1	B3D2	DMA DATA
DMAD[10:17]1	B11C3	DMA DATA
DMAD[20:27]1	B3C2	DMA DATA
DMAD[30:37]1	B3C2	DMA DATA
DMAOC[0:3]O0	B3C5	DMA OPERATION COMPLETE
DMARD[0:3]O0	B3C5	DMA READ
DMARQ[0:3]O0	B3C5	DMA REQUEST
DMAWR[0:3]O0	B3C5	DMA WRITE
DTACK	B14E3	TMS DATA ACKNOWLEDGE
EDER1TST	B14E6	CONTROLLER TO CLOCK ENERGY DETECTOR #1
EDER2TST	B15C3	CONTROLLER TO CLOCK ENERGY DETECTOR #0
ELBCKR1	B17C4	ENABLE MIB LOOPBACK
EQUPT1	B16C3	CHECK TIMESLOT PARITY
ER110	B3G4	ERROR REQUEST
ER200	B3G4	ERROR REQUEST
ER300	B3G4	ERROR REQUEST
ER[00:03]0	B3F3	ERROR REQUEST
ESR1ER	B17F4	ESR 1 SUMMARY ERROR
ESR[3:5]ER	B16C6	ESR [3:5] SUMMARY ERROR
EVENT	B17F7	TMS REQUEST
EXOM11	B13C6	EXERCISE OVEN MONITOR 1 ACTIVE HIGH
EXOM21	B12F2	EXERCISE OVEN MONITOR 2 ACTIVE HIGH
FC4MER0	B17C5	FORCE MIB CLOCK ERROR
FCSCER0	B16C3	FORCE MIB SYNC ERROR
FSCBER	B16D6	FABRIC CONTROL SUMMARY ERROR
FSLIP	B14E6	FORCE SLIP ERROR
FSPPER1	B17C5	FORCE SERIAL PARITY ERROR
FTSSPER1	B16D3	FORCE TIMESLOT PARITY ERROR
FUSEALM	B12F2	NETWORK CLOCK FUSE ALARM
GOTMS	B15C3	TMS GO
GRD	B11F6	GROUND
HRDRST	B15D3	TMS RESET
I0VMON	B12C1	INNER OVEN MONITOR SCAN POINT
IDAT[0:3]SC	B16D3	2MBPS DATA IN
IDAT[0:3]ST	B16D3	2MBPS DATA IN
IDAT[0:3]XC	B16D3	2MBPS DATA IN
IDAT[0:3]XT	B16D3	2MBPS DATA IN
IMINT0	B3G7	IMON INTERRUPT
INHCK10	B3G4	CLOCK INHIBIT
INT1	B2D3	POWER CONVERTER INTERLOCK LEAD 0
INT100	B3G4	INTERRUPT REQUEST
INT110	B9D6	INTERRUPT REQUEST
INT2	B2D3	POWER CONVERTER INTERLOCK LEAD 1
INT200	B3G4	INTERRUPT REQUEST
INT300	B3G4	INTERRUPT REQUEST
INTRPT	B15C6	TMS INTERRUPT
INT[00:03]0	B3F4	INTERRUPT REQUEST
M/S	B14E6	CONTROL TO CLOCK MASTER/SLAVE
MADD[1:23]	B15D3	MICROPROCESSOR ADDRESS LEADS
MAS0	B15D3	MICROPROCESSOR ADDRESS STROBE ACTIVE LOW
MBGACK0	B14C3	TAM BOARD TO MICROPROCESSOR BOARD DATA TRANSLATOR
MDAT[0:15]	B14C6	MICROPROCESSOR DATA LEADS
MIBLBEN0	B17C7	LATCH MIB LOOPBACK DATA
MIEUPT0	B16D6	SMLI EXISTS
MINIT0	B14E6	MICROPROCESSOR INITIALIZATION LEAD ACTIVE LOW
MISCSBE	B16D6	TMS MISC SUMMARY BIT ERROR
MONRRDY1	B3G5	IMON READY TO RECEIVE DATA FROM HOST
MONTRDY1	B3G5	IMON READY TO TRANSMIT DATA TO HOST
MPARH	B14C6	MICROPROCESSOR PARITY HIGH
MPARL	B15F3	MICROPROCESSOR PARITY LOW
MPF0	B1B2	SCAN Y TO 3B
MPMMIC	B15D3	CONTROLLER TO CLOCK MASTER MULTIPLEXER INPUT CONTROL
MPSMIC	B14E6	CONTROLLER TO CLOCK SLAVE MULTIPLEXER INPUT CONTROL
MRST0	B16D3	RESET ESRS IN MI DEVICE
MRW	B14D6	MICROPROCESSOR READ 1 WRITE 0
MTNMI0	B15D3	MICROPROCESSOR BOARD TO TMS INTERFACE BOARD NON-MASKABLE INTERRUPT

COMMUNICATIONS MODULE UNIT

DWG SIZE	ISSUE
C2	6M

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DESIGNATION MNEMONICS

MYADD[0:3]1	B3F5	IOP ADDRESS BIT 0-3 (HARDWIRED)
NC1INT0	B17F6	NETWORK CLOCK INTERRUPT
NC2INT1	B13D6	NETWORK CLOCK INTERRUPT
NCCLK	B17C7	NETWORK CLOCK CDAL CLOCK
NCDIN	B13D3	MESSAGE INTERFACE TO NCLK2 COMMUNICATION CLOCK INPUT
NCDOUT	B17F6	NETWORK CLOCK CDAL DATA OUT
NCURPR	B13E3	NEGATIVE CURRENT PROGRAMMING RESISTOR
O0VMON	B13D3	OUTER OVEN MONITOR SCAN POINT
ODAT[0:3]SC	B16D5	2MBPS DATA OUT
ODAT[0:3]ST	B16D5	2MBPS DATA OUT
ODAT[0:3]XC	B16D5	2MBPS DATA OUT
ODAT[0:3]XT	B16D5	2MBPS DATA OUT
ONECDU	B17C7	SIDE SELECT
OOL00	B3G5	POWER OUT OF LIMITS
OOS	B1G2	OUT OF SERVICE
OOS0	B1G6	OUT OF SERVICE
OOS1	B2E2	OUT OF SERVICE
OOS3B0	B12F2	OUT OF SERVICE INDICATOR TO 3B
OOS3B1	B12F2	ELECTRICALLY CONNECTED TO 00S3B1
OOS3BR0	B12F2	OUT OF SERVICE INDICATOR TO 3B
OOS3BR1	B12F2	ELECTRICALLY CONNECTED TO 00S3BR1
OOSR	B1G2	OUT OF SERVICE RETURN
OTRMDAT0	B8E6	SIDE 0 TRANSMIT DATA
PCURPR	B8E6	POSITIVE CURRENT PROGRAMMING RESISTOR
PLDS0	B14F6	MICROPROCESSOR LOWER DATA STROBE ACTIVE LOW
PS32MHZC	B16D3	32MHZ BALANCED CLOCK
PS32MHZT	B15D6	32MHZ BALANCED CLOCK
PSSADD	B16D3	CIC SERIAL ADDRESS
PSSD	B15D6	CIC SERIAL DATA
PSSYNC1	B16E3	8KHZ SYNC PULSE
PT2MCLK	B15D6	CLOCK TO CONTROLLER 2 MHZ CLOCK
PUDS0	B15E3	MICROPROCESSOR UPPER DATA STROBE ACTIVE LOW
QLI0SBE	B14D3	QLI0 SUM BIT ERROR
QLI1SBE	B16D6	QLI1 SUM BIT ERROR
RCV0D0	B16E3	NCT RECEIVE DATA
RCV0D1	B16E3	NCT RECEIVE DATA
RCV1D0	B16E3	NCT RECEIVE DATA
RCV1D1	B16E3	NCT RECEIVE DATA
RCV2D0	B16E2	NCT RECEIVE DATA
RCV2D1	B16E2	NCT RECEIVE DATA
RCV3D0	B16E2	NCT RECEIVE DATA
RCV3D1	B16E2	NCT RECEIVE DATA
RCVD	B15D6	RECEIVE DATA
RD1	B17C7	READ ENABLE
REF1N	B12D5	DIGITAL REFERENCE INPUT (NEGATIVE LEAD)
REF1P	B12E5	DIGITAL REFERENCE INPUT (POSITIVE LEAD)
REF2N	B12D5	DIGITAL REFERENCE INPUT (NEGATIVE LEAD)
REF2P	B12E5	DIGITAL REFERENCE INPUT (POSITIVE LEAD)
REF3N	B12D5	DIGITAL REFERENCE INPUT (NEGATIVE LEAD)
REF3P	B12E5	DIGITAL REFERENCE INPUT (POSITIVE LEAD)
REF4N	B12E5	DIGITAL REFERENCE INPUT (NEGATIVE LEAD)
REF4P	B12E5	DIGITAL REFERENCE INPUT (POSITIVE LEAD)
REFEDER	B15E6	CLOCK TO CONTROLLER ENERGY DETECT ERROR
REFSLIP	B14D3	CLOCK TO CONTROLLER SLIP DETECT ERROR
REZ00ON	B3C6	DIFF (- LEAD) DSCH SIDE 0 INTERRUPT REQUEST
REZ00OP	B3C6	DIFF (+ LEAD) DSCH SIDE 0 INTERRUPT REQUEST
REZ01ON	B3C6	DIFF (- LEAD) DSCH SIDE 1 INTERRUPT REQUEST
REZ01OP	B3C6	DIFF (+ LEAD) DSCH SIDE 1 INTERRUPT REQUEST
RISL80O0	B3C6	RESET PERIPHERAL CONTROLLER ISOLATE F/F
RISL81O0	B3C6	RESET PERIPHERAL CONTROLLER ISOLATE F/F
RISL82O0	B3C6	RESET PERIPHERAL CONTROLLER ISOLATE F/F
RISL83O0	B3C6	RESET PERIPHERAL CONTROLLER ISOLATE F/F
RQIP	B1G3	REQUEST IN PROGRESS
RQIPR	B1G3	REQUEST IN PROGRESS RETURN
RS1	B2E3	REMOTE START/STOP
RS2	B1G4	REMOTE START/STOP
RS3	B2E3	REMOTE START/STOP
RUARTCL0	B3C7	READ UART CONTROL REGISTER
RUARTDT0	B3C7	READ UART DATA REGISTER
SCV0	B1B3	SCAN V TO 3BIOP SIDE 0
SCV1	B1B3	SCAN V TO 3BIOP SIDE 1
SCVR0	B1B3	SCAN V RETURN TO 3BIOP SIDE 0
SCVR1	B1B3	SCAN V RETURN TO 3BIOP SIDE 1
SCW0	B1B1	SCAN W
SCW3B1	B1B3	SCAN W TO 3BIOP SIDE 1
SCWR0	B1B4	SCAN W RETURN SIDE 0
SCWR1	B1B3	SCAN W RETURN SIDE 1
SCX0	B1B3	SCAN X SIDE 0
SCX1	B1B3	SCAN X SIDE 1
SCX3B0	B12C2	3B SCAN POINT, MANUAL -48V REMOVAL
SCX3B1	B12C2	ELECTRICALLY CONNECTED TO SCX3B1
SCX3BR0	B12C2	3B SCAN POINT, MANUAL -48V REMOVAL
SCX3BR1	B12C2	ELECTRICALLY CONNECTED TO SCX3B0
SCXR0	B1B3	SCAN X RETURN SIDE 0
SCXR1	B1B3	SCAN X RETURN SIDE 1
SCY3B0	B12C2	3B SCANPOINT, LOSS OF -48V POWER INDICATOR
SCY3BR0	B12C2	3B SCANPOINT, LOSS OF -48V POWER INDICATOR
SCY3BR1	B12C2	ELECTRICALLY CONNECTED TO SCY3BR0
SCYR0	B1B4	SCAN Y RETURN SIDE 0
SCYR1	B1B4	SCAN Y RETURN SIDE 1
SELO[0:3]O0	B3D7	PC SELECT
SELI0O0	B3C7	PC SELECT
SEL11O0	B3C7	PC SELECT
SEL20O0	B3C7	PC SELECT
SEL30O0	B3C7	PC SELECT
SELTMS	B15E3	SELECT TMS IN CDAL INTERFACE
SISL80O0	B3C7	SET PERIPHERAL CONTROLLER ISOLATE F/F
SISL81O0	B3C7	SET PERIPHERAL CONTROLLER ISOLATE F/F
SISL82O0	B3C7	SET PERIPHERAL CONTROLLER ISOLATE F/F
SISL83O0	B3C7	SET PERIPHERAL CONTROLLER ISOLATE F/F
SPSRD	B15E3	CIC SERIAL RETURN DATA
SRPER0	B16D6	SERIAL TO PARALLEL ERROR
SR[00:03]0	B3F6	INTERRUPT REQUEST
SYNCER0	B17F7	MIB SYNC ERROR
SYNC[0:3]SC	B16E5	2MHZ SYNC PULSE
SYNC[0:3]ST	B16E5	2MHZ SYNC PULSE
SYNC[0:3]XC	B16E5	2MHZ SYNC PULSE
SYNC[0:3]XT	B16E5	2MHZ SYNC PULSE
TBA	B13E6	TIME BASE 1 (LOCAL SIDE)
TBASTRT	B12E5	TIME BASE 1 START SIGNAL
TBB	B13E6	TIME BAE B (REMOTE SIDE)
TBBINN	B13G2	TIME BASE B INPUT (POSITIVE RAIL)
TBBINP	B13G2	TIME BASE B INPUT (POSITIVE RAIL)
TBBSTRT	B12E5	TIME BASE B START SIGNAL
TBIN	B12C3	TIME BASE OUTPUT NEGATIVE RAIL
TBIP	B12C3	TIME BASE OUTPUT POSITIVE RAIL
TBON	B12C2	TIME BASE OUTPUT NEGATIVE RAIL
TBOP	B12C3	TIME BASE OUTPUT POSITIVE RAIL
TMCDLPE1	B14E3	PARITY ERROR ON CDAL MESSAGE
TMFPCR	B15E6	FPC ASYNCHRONOUSLY RESETS TMSC
TMIPER1	B15E6	PARITY ERROR FROM MICROPROCESSOR
TMS1MLB0	B17C5	INSERT MIB LOOPBACK DATA
TMS8KC	B15E6	8 KHZ TO NETWORK CLOCK COMPLEMENT
TMS8KT	B13G3	8 KHZ TO NETWORK CLOCK TRUE
TMSUPER1	B15E6	PARITY ERROR ON DATA FROM READ OF TMSU LOCATION
TRCLK	B15E3	1 MHZ BURST CLOCK ON CDAL INTERFACE
TSTA	B1B4	FUSE ALARM INPUT TEST
TSTFNE	B14E3	TEST FNCT SUMMARY ERROR
UCI BIT[0:7]	B17E7	DATA BUS
UMI11MH	B16E6	1MHZ CLOCK
UMI12MNT	B17F5	2 MHZ CLOCK
UMI18MH	B16E6	8 MHZ CLOCK
UMI1RDNT	B17F5	INVERTED RING D
UMI1RNGC	B16F6	RING COUNTER C
UMI1SNK	B17F6	STRETCHED SYNC PULSE
UMI22MNT	B16F6	2 MHZ CLOCK
UMI24MH	B17F5	4 MHZ CLOCK
UMI28K	B16E6	STRETCHED SYNC PULSE

COMMUNICATIONS MODULE UNIT

DWG SIZE	ISSUE
C2	6M

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DESIGNATION MNEMONICS

UMI2RNGB	B17F6	RING COUNTER C
UMI2RNGD	B16F6	RING COUNTER D
WRI	B16F3	WRITE ENABLE
WUARTCL0	B3C8	WRITE UART CONTROL REGISTER
WUARTDT0	B3C8	WIRTE UART DATA REGISTER
X8KINC	B15E2	8KHZ CROSS COUPLE CLOCK COMPLEMENT
X8KINT	B15E2	8 KHZ CROSS COUPLE CLOCK TRUE
X8KOUTC	B15E7	8KHZ CROSS COUPLE CLOCK COMPLEMENT
X8KOUTT	B15E7	8KHZ CROSS COUPLE CLOCK TRUE
XCK00IN	B3G7	DIFF (- LEAD) DSCH SIDE 0 CLOCK INPUT
XCK00IP	B3G7	DIFF (+ LEAD) DSCH SIDE 0 CLOCK INPUT
XCK01IP	B3G7	DIFF (+ LEAD) DSCH SIDE 1 CLOCK INPUT
XCK01IN	B3G7	DIFF (- LEAD) DSCH SIDE 1 CLOCK INPUT
XCPLINN	B13G3	CROSS COUPLE INPUT (NEGATIVE RAIL)
XCPLINP	B13G3	CROSS COUPLE INPUT (POSITIVE RAIL)
XCPLON	B13G6	CROSS COUPLE OUTPUT (NEGATIVE RAIL)
XCPLOP	B13G7	CROSS COUPLE OUTPUT (POSITIVE RAIL)
XDATA[00:15]	B13C6	DATA INPUT/OUTPUT LEAD 00-15
XDEN0	B12F5	TRANSMIT DATA ENABLE, ACTIVE LOW
XDT1R0	B13F6	TRANSMIT DATA WRITE ACTIVE HIGH, DATA READ ACTIVE LOW
XEDER	B14D3	CROSS COUPLE CLOCK ENERGY DETECTOR ERROR
XM1D[0:1]	B16F5	NCT TRANSMIT DATA
X2D[0:1]	B16F5	NCT TRANSMIT DATA
X3D[0:1]	B16F5	NCT TRANSMIT DATA
XMITD	B15E3	TRANSMIT DATA (CDAL INTERFACE)
XMOD[0:1]	B16F5	NCT TRANSMIT DATA
XRD0	B12F5	TRANSMIT READ, ACTIVE LOW
XSLIP	B15F6	CROSS COUPLE CLOCK SLIP ERROR
XWR0	B13F6	TRANSMIT WRITE, ACTIVE LOW
XADR[0:7]	B13E6	TRANSMIT ADDRESS 0-7

COMMUNICATIONS MODULE UNIT

DWG SIZE C2 | ISSUE 6M

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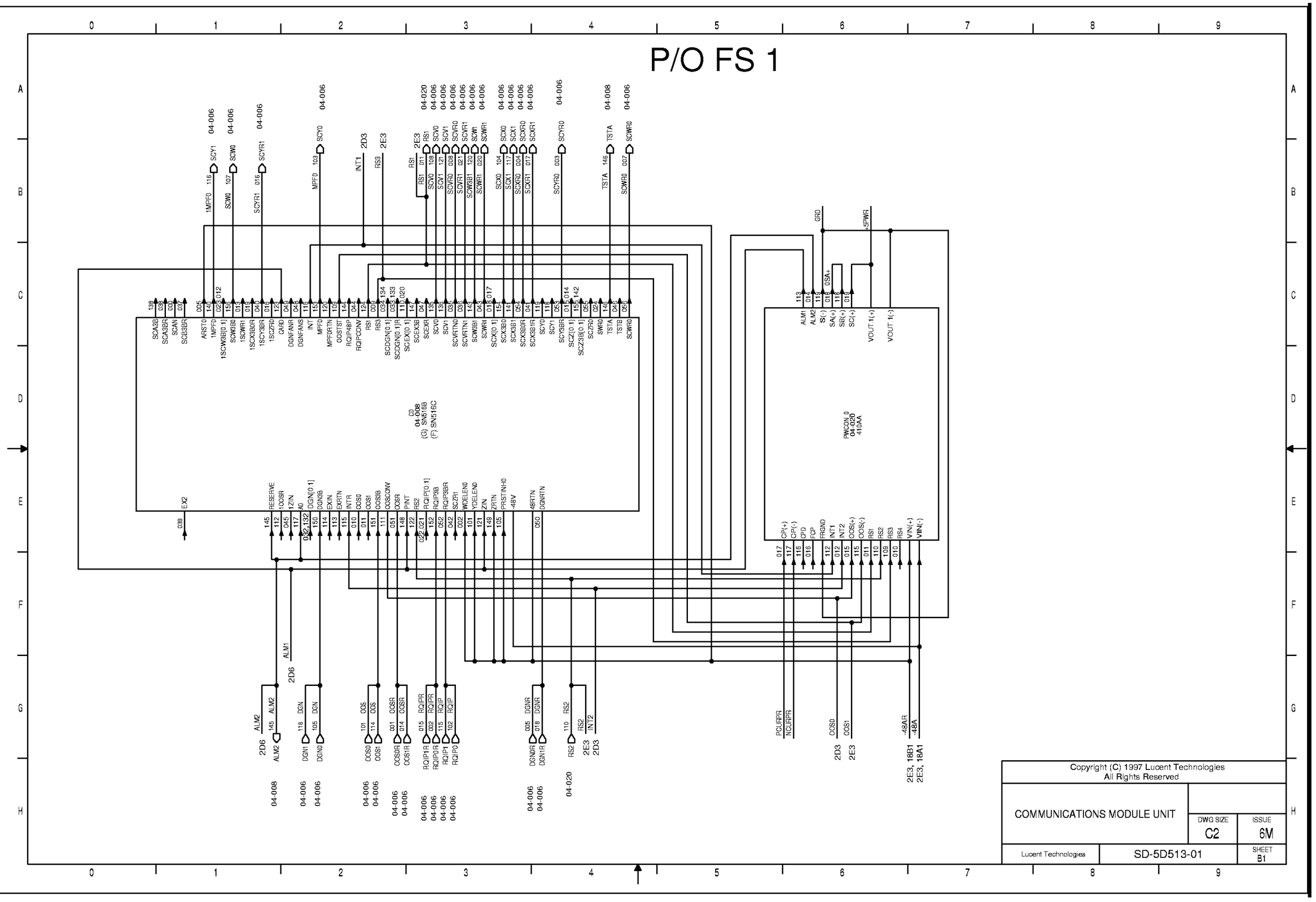
P/O FS 1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SCA3BR
SCAN
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1SCY3BR
1SCZR0
CARD
DGNFANR
DGNFANS
INT
MPF0
MPF0RTN
OOSTST
RQIP48P
RQIPCONV
RS1
RS3
SCDGN[0:1]
SCDGN[0:1]R
SCEX[0:1]
SCEXR
SCV0
SCV1
SCVRTN0
SCVRTN1
SCW3BI
SCWRI
SCX[0:1]
SCX3B0
SCX3B1
SCX3BDR
SCX3B1R
SCY0
SCY1
SCY3BR
SCZ[0:1]
SCZ3B[0:1]
SCZR0
SWR0
TSTA
TSTB
SCWR0
1MPF0
SCW0
SCYR1
MPF0
INT1
RS3
RS1
SCV0
SCV1
SCVR0
SCVR1
SCW3B1
SCWR1
SCX0
SCX1
SCXR0
SCXR1
SCYR0
TSTA
SCWR0
GRD
+5PWR
ALM1
ALM2
S(-)
SA(+)
SB(+)
SC(+)
VOUT.1(+)
VOUT.1(-)
PWCON_0
04-020
410AA
CP(+)
CP(-)
CPD
FGP
FRGND
INT1
INT2
OOS(+)
OOS(-)
RS1
RS2
RS3
RS4
VIN(+)
VIN(-)
EX2
RESERVE
10OSR
1Z/N
A0
DGN[0:1]
DGN3B
EX/N
EXRTN
INTR
OOS0
OOS1
OOS3B
OOSCNV
OOSR
PINT
RS2
RQIP[0:1]
RQIP3B
RQIP3BR
SCZR1
WDELEN0
YDELEN0
Z/N
ZRTN
PRSTINH0
-48V
48RTN
DGNRTN
ALM2
ALM1
DGN
DGN1
DGN0
OOS
OOS0
OOS1
OOSR
OOS0R
OOS1R
RQIPR
RQIP1R
RQIP0R
RQIP
RQIP1
RQIP0
DGNR
DGN0R
DGN1R
RS2
INT2
PCURPR
NCURPR
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2D3
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2E3, 18A1
04-008
04-006
04-020
(G) SN516B
(F) SN516C
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COMMUNICATIONS MODULE UNIT
DWG SIZE
C2
ISSUE
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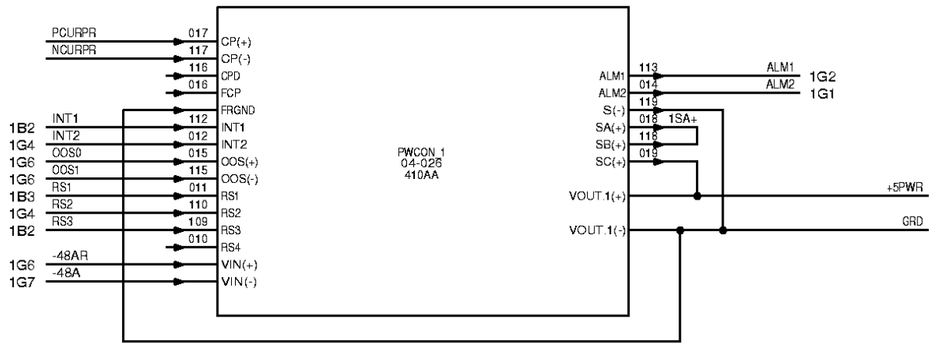
SD-5D513-01
SHEET
B1

P/O FS 1



COMMUNICATIONS MODULE UNIT		DWG SIZE C2	ISSUE 6M
Lucent Technologies	SD-5D513-01		SHEET B2

P/O FS 1

KBN10
04-033
IOP2

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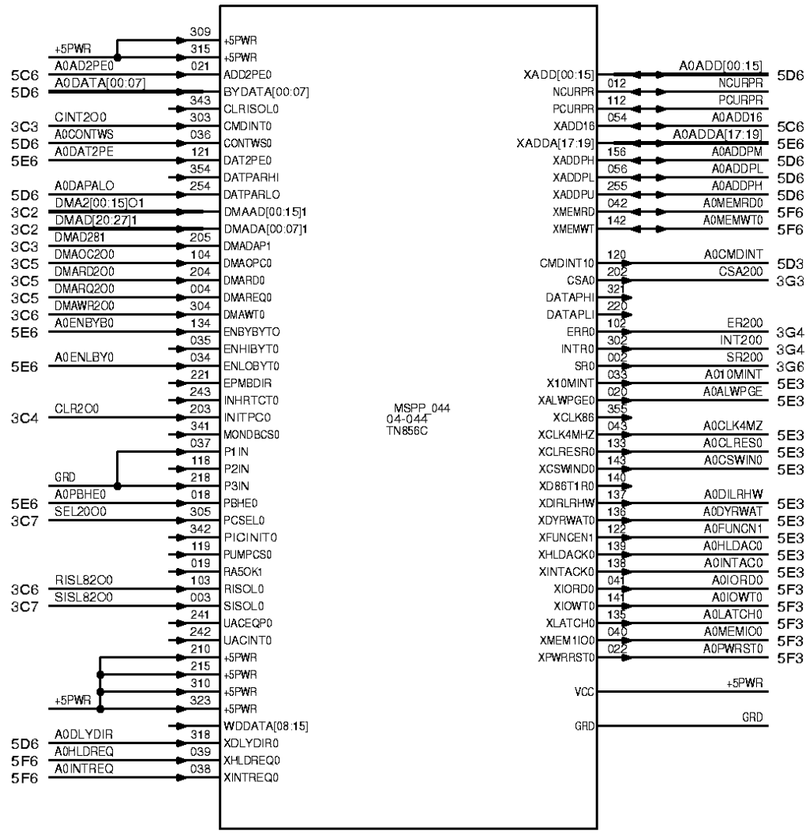
COMMUNICATIONS MODULE UNIT	DWG SIZE C2	ISSUE 6M
Lucent Technologies	SD-5D513-01	SHEET B3

P/O FS 1

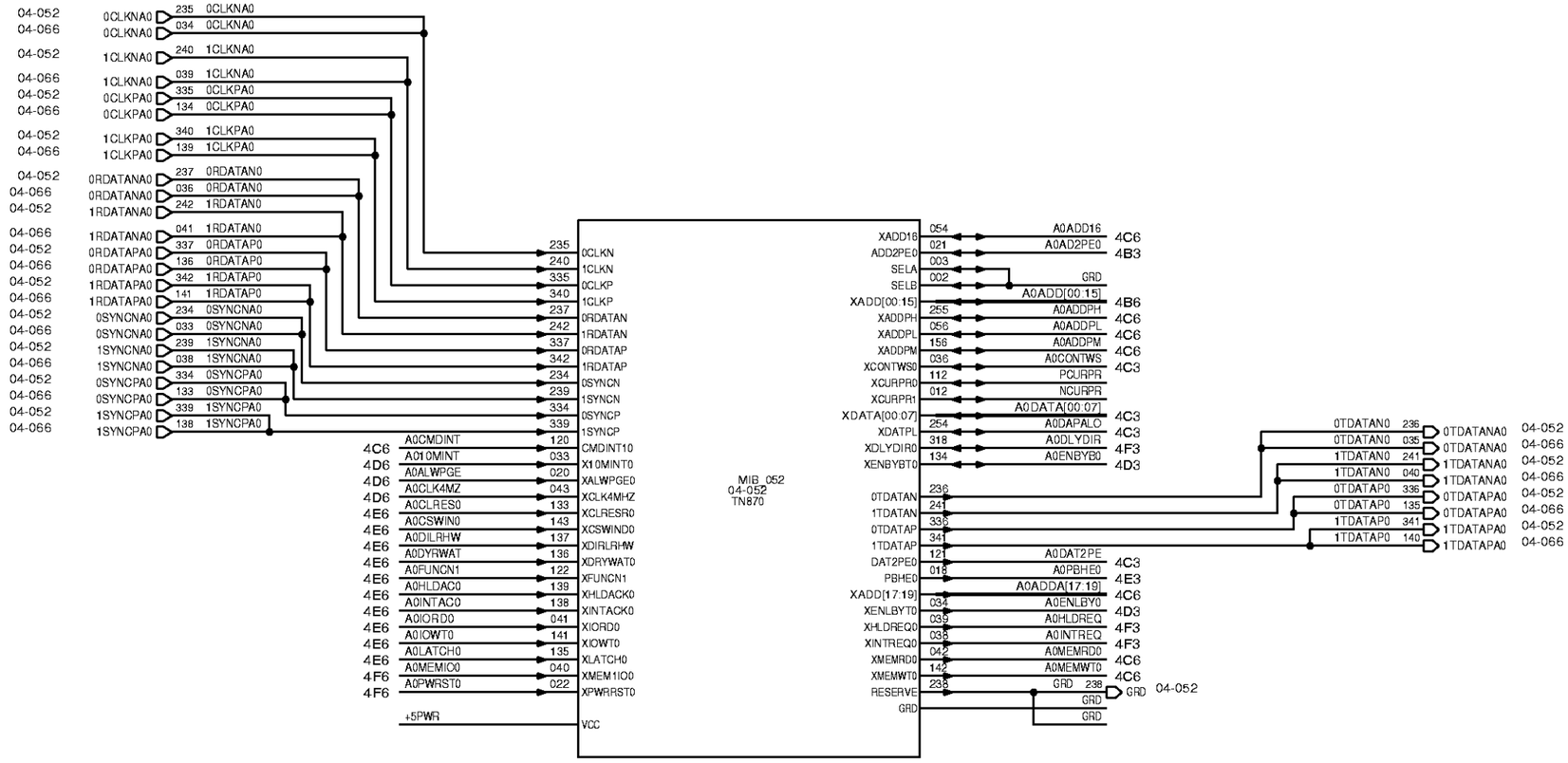


COMMUNICATIONS MODULE UNIT

DWG SIZE	ISSUE
C2	6M

Lucent Technologies | SD-5D513-01 | SHEET B4

P/O FS 1

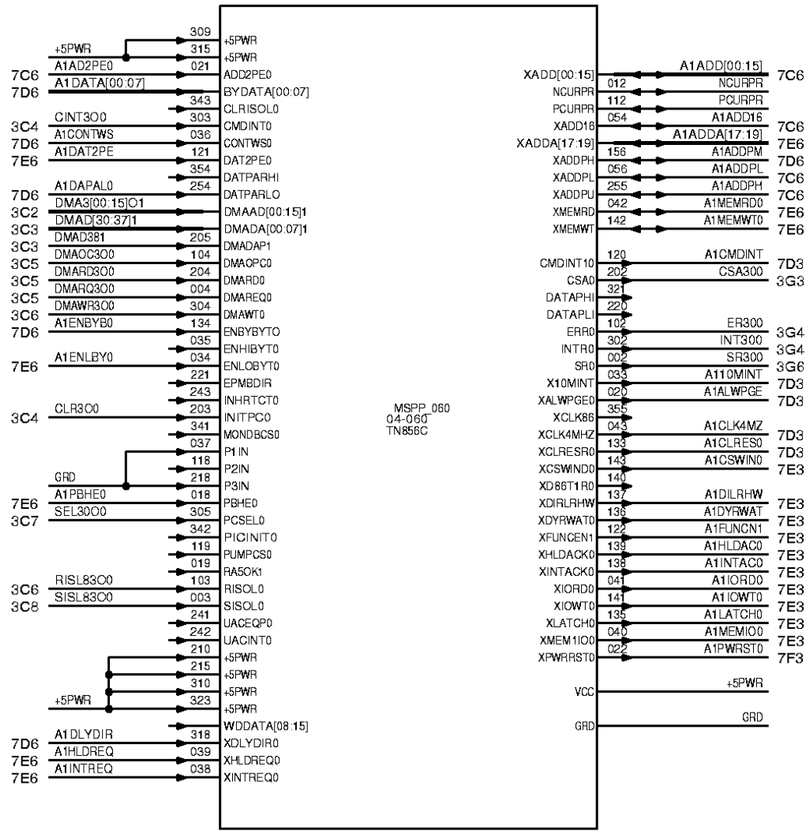


COMMUNICATIONS MODULE UNIT

DWG SIZE	ISSUE
C2	6M

Lucent Technologies	SD-5D513-01	SHEET
		B5

P/O FS 1

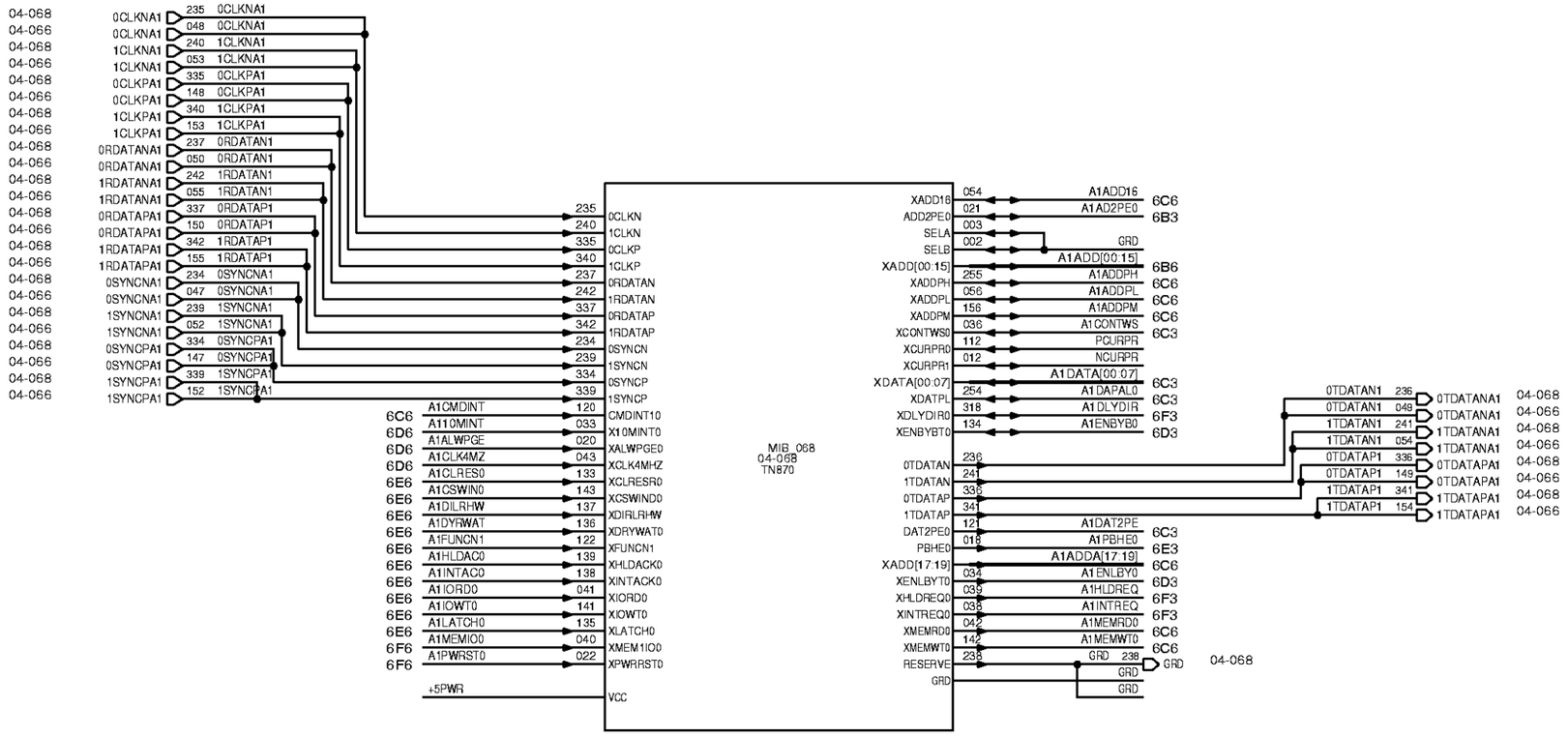


COMMUNICATIONS MODULE UNIT

DWG SIZE	ISSUE
C2	6M

Lucent Technologies | SD-5D513-01 | SHEET B6

P/O FS 1

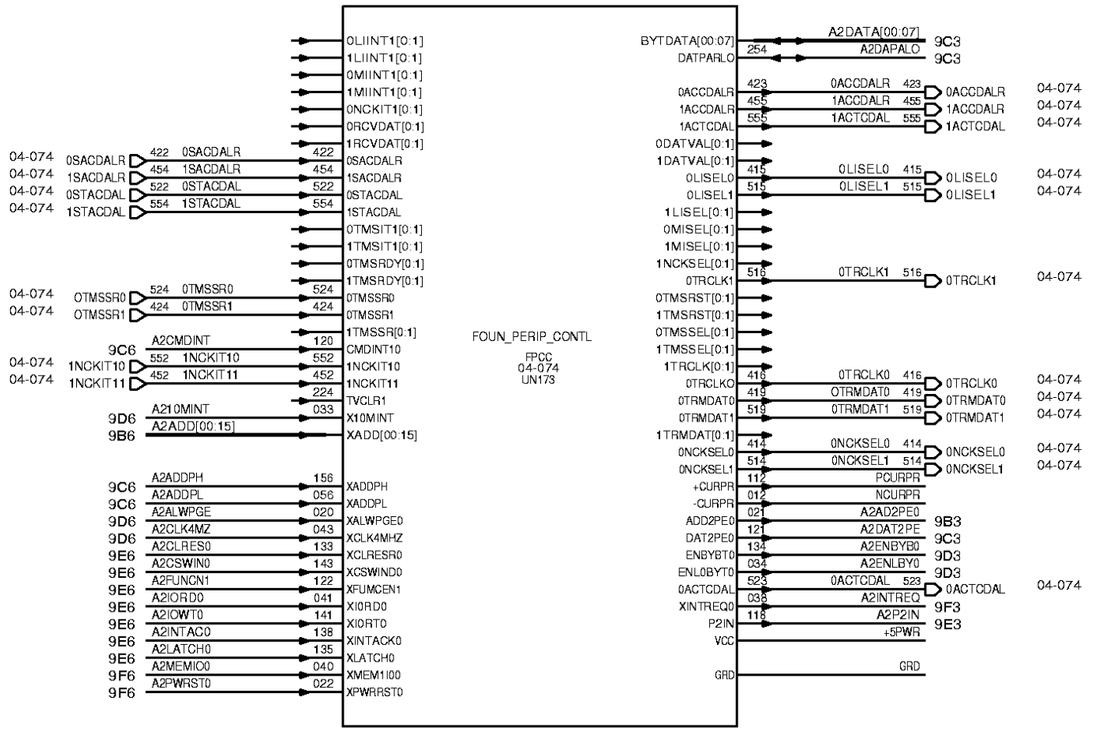


COMMUNICATIONS MODULE UNIT

DWG SIZE	ISSUE
C2	6M

Lucent Technologies	SD-5D513-01	SHEET
		B7

P/O FS 1

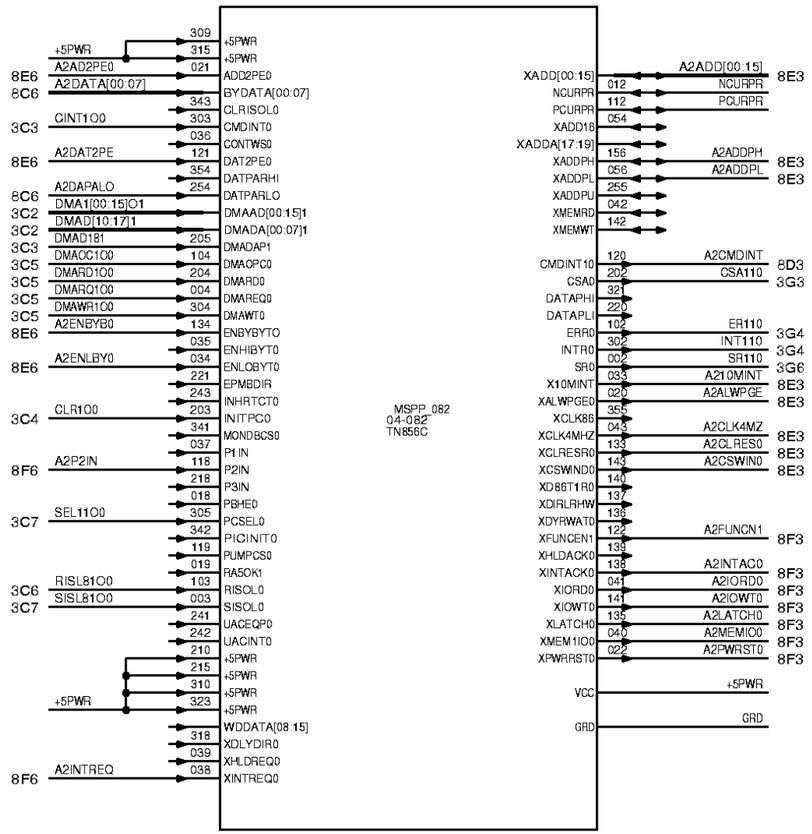


COMMUNICATIONS MODULE UNIT

DWG SIZE	ISSUE
C2	6M

Lucent Technologies	SD-5D513-01	SHEET
		B8

P/O FS 1

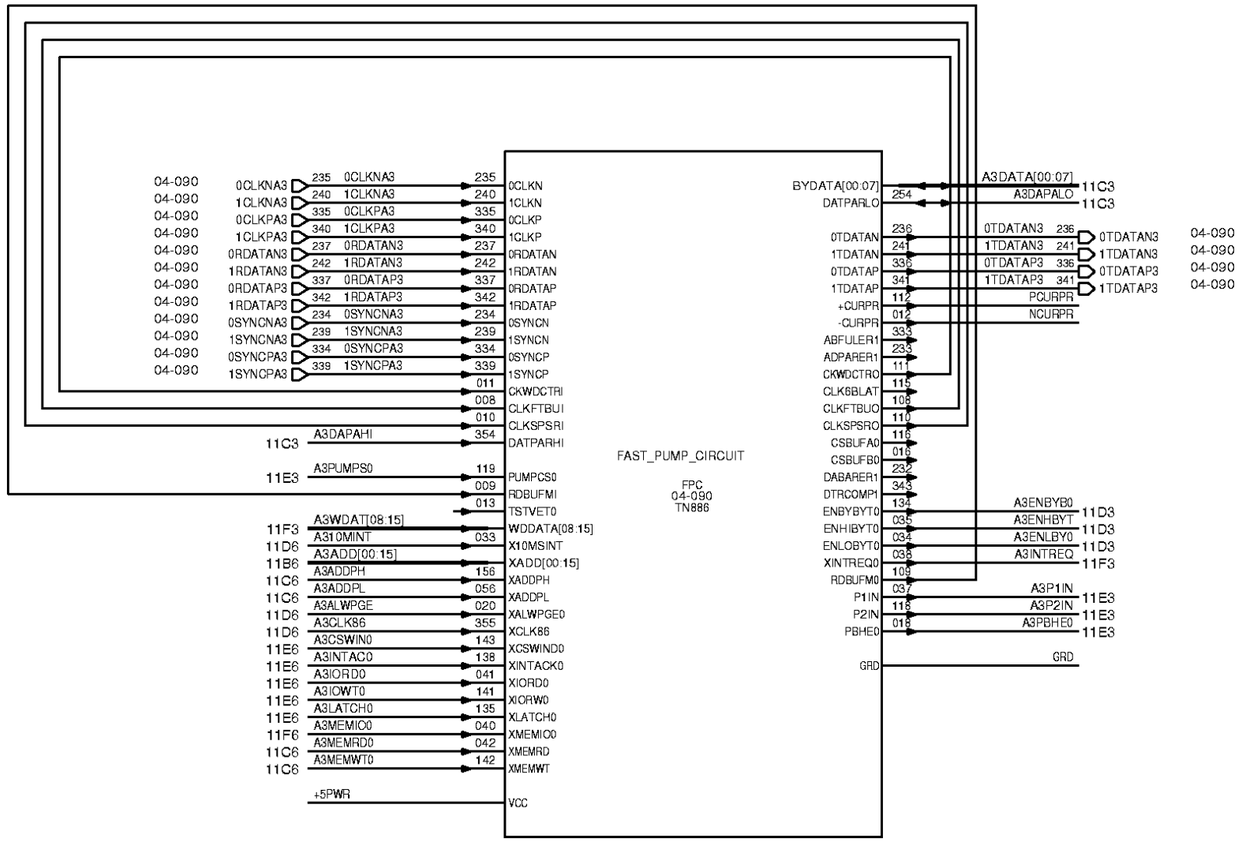


COMMUNICATIONS MODULE UNIT

DWG SIZE	ISSUE
C2	6M

Lucent Technologies	SD-5D513-01	SHEET
		B9

P/O FS 1

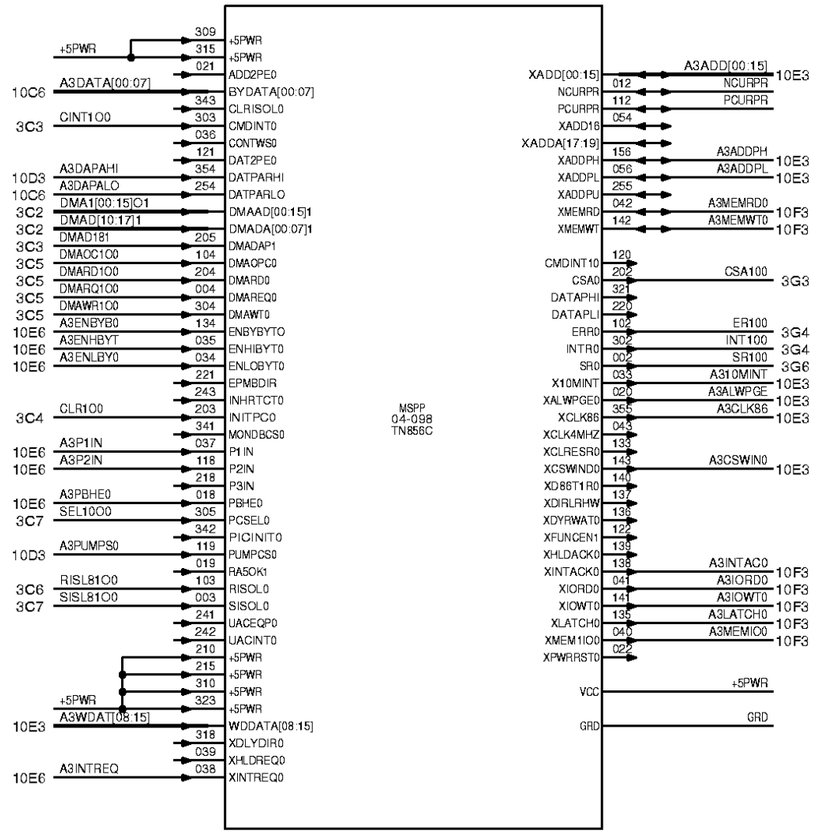


COMMUNICATIONS MODULE UNIT

DWG SIZE	ISSUE
C2	6M

Lucent Technologies	SD-5D513-01	SHEET
		B10

P/O FS 1

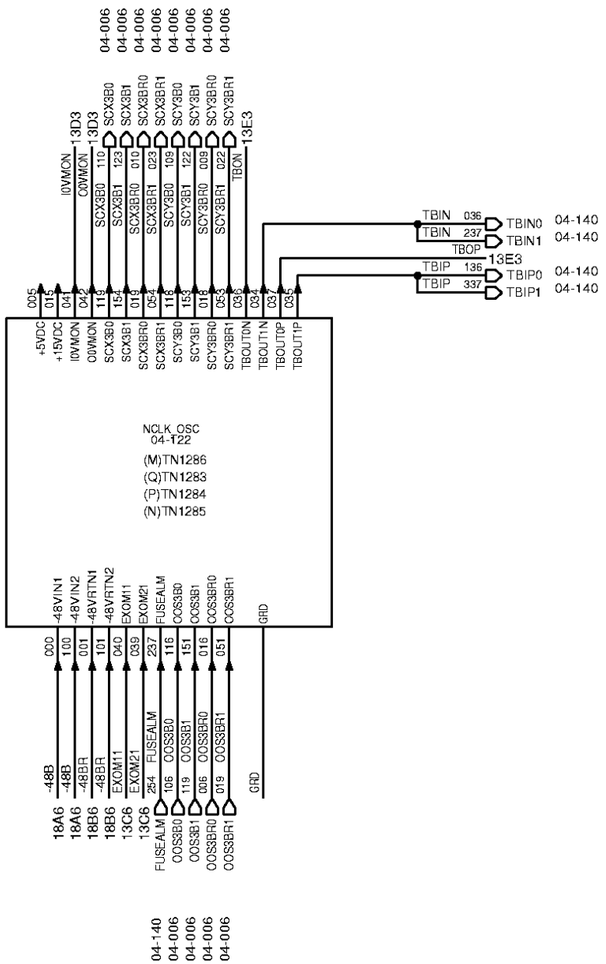


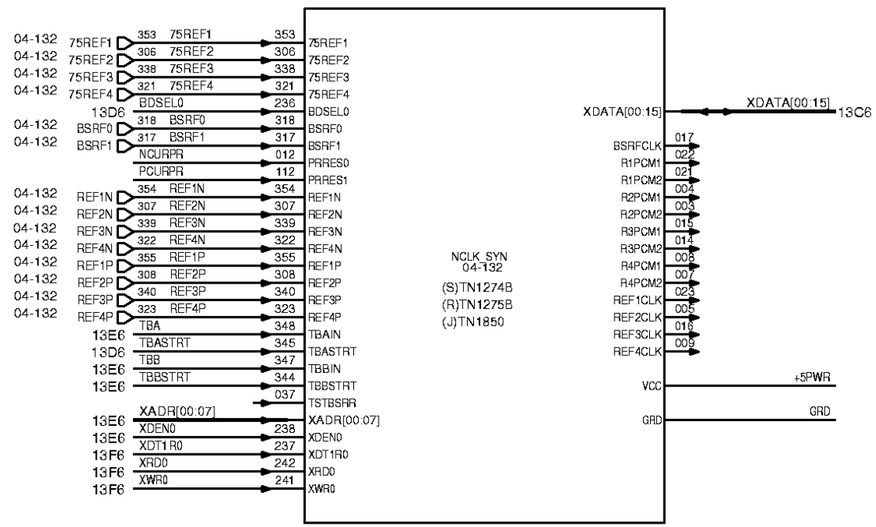
COMMUNICATIONS MODULE UNIT

DWG SIZE	ISSUE
C2	6M

Lucent Technologies	SD-5D513-01	SHEET
		B11

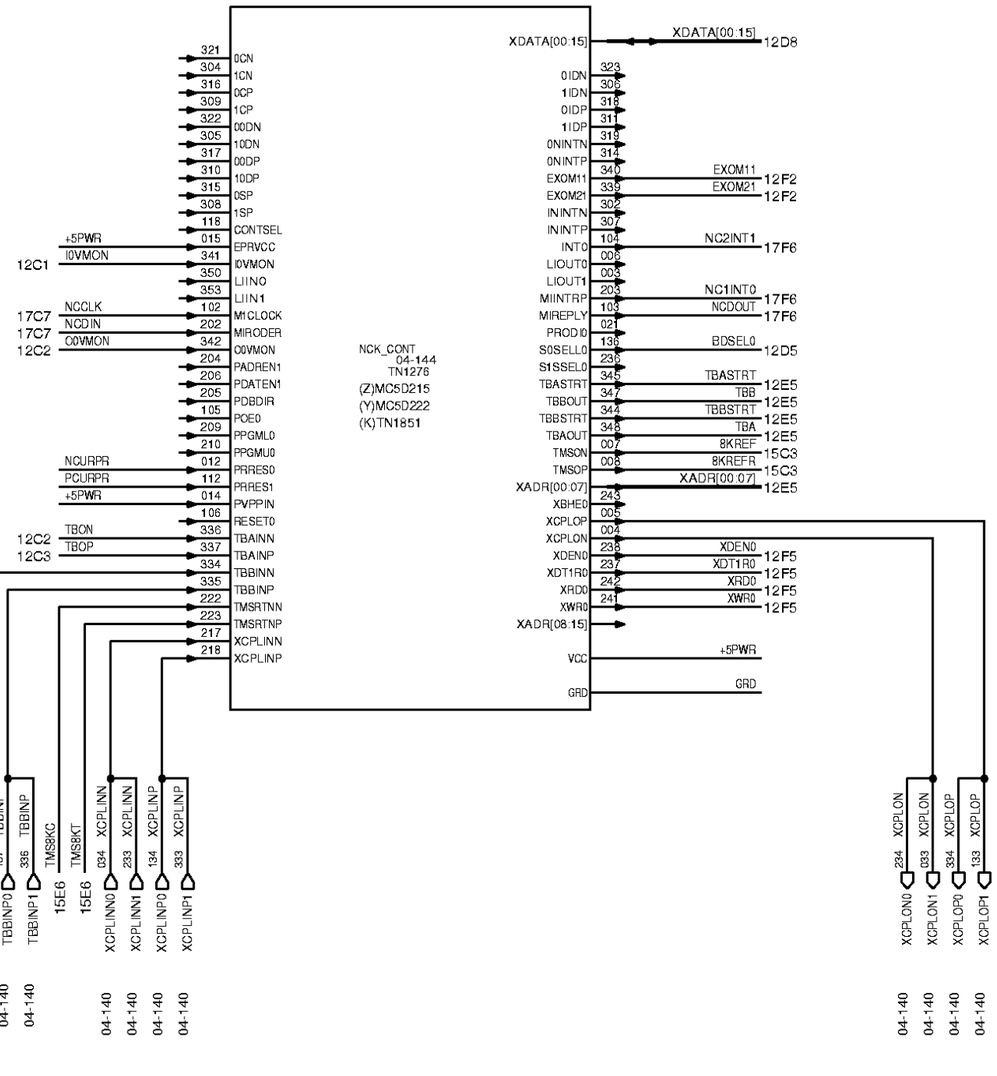
P/O FS 1





COMMUNICATIONS MODULE UNIT	DWG SIZE C2	ISSUE 6M
Lucent Technologies	SD-5D513-01	SHEET B12

P/O FS 1

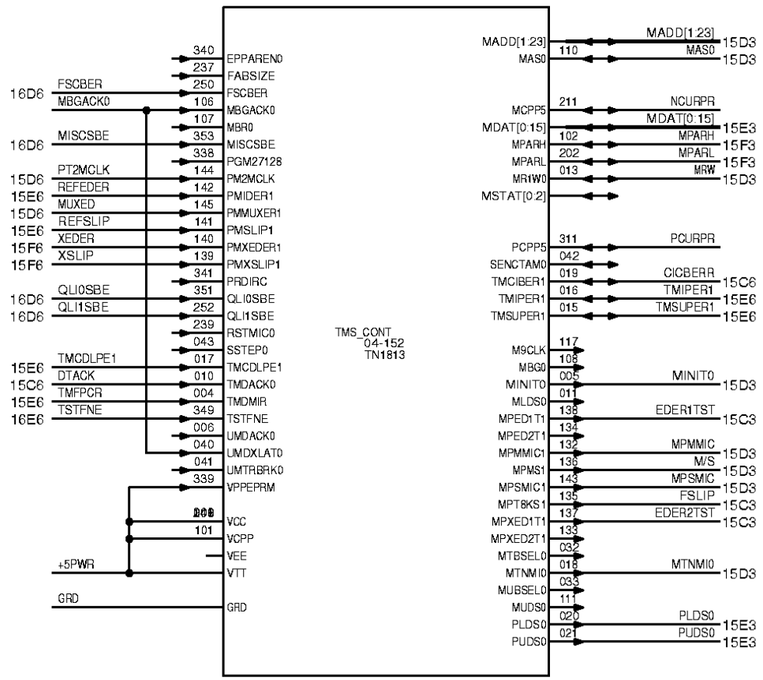


COMMUNICATIONS MODULE UNIT

DWG SIZE	ISSUE
C2	6M

Lucent Technologies	SD-5D513-01	SHEET
		B13

P/O FS 1

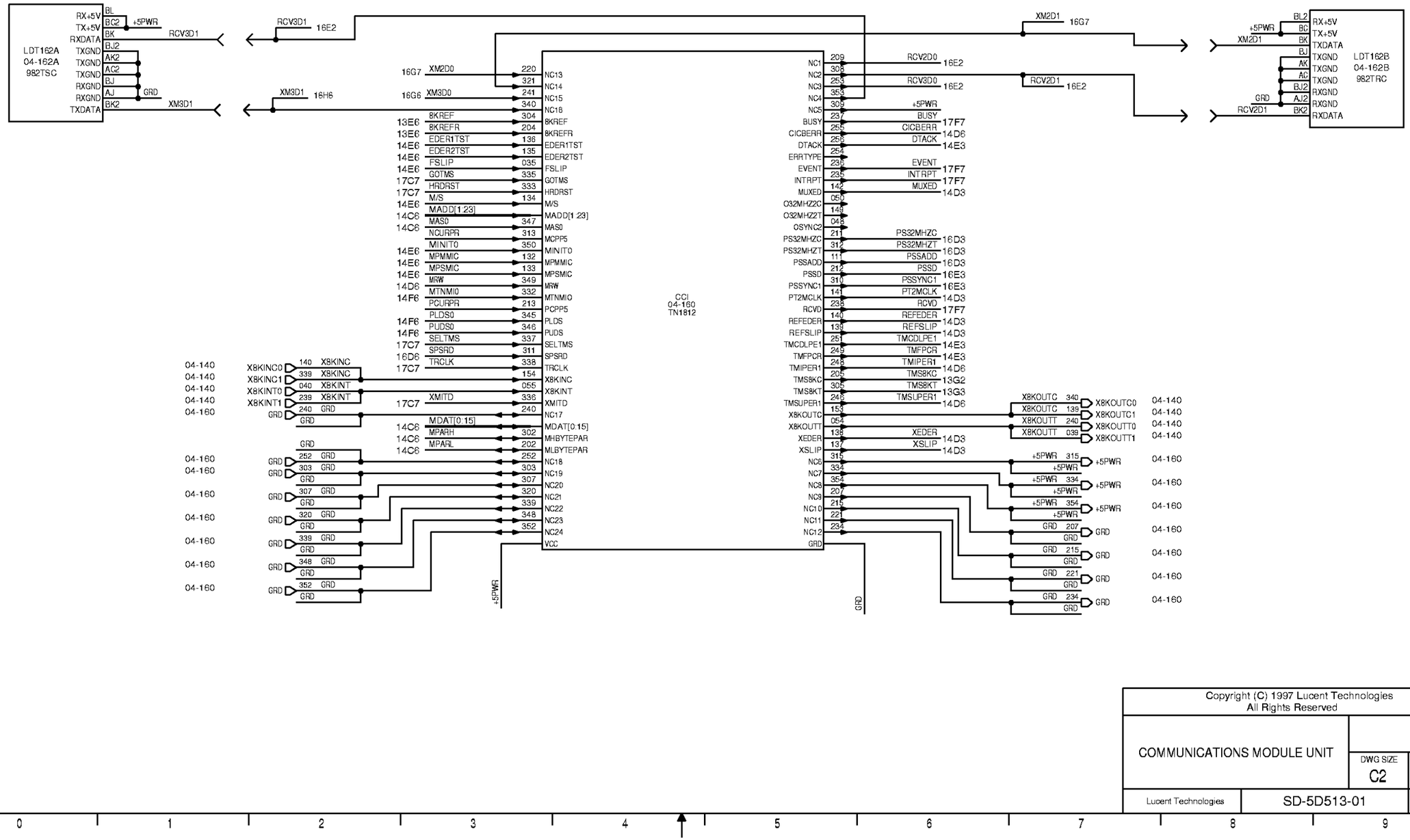


COMMUNICATIONS MODULE UNIT

DWG SIZE	ISSUE
C2	6M

Lucent Technologies	SD-5D513-01	SHEET
		B14

P/O FS 1

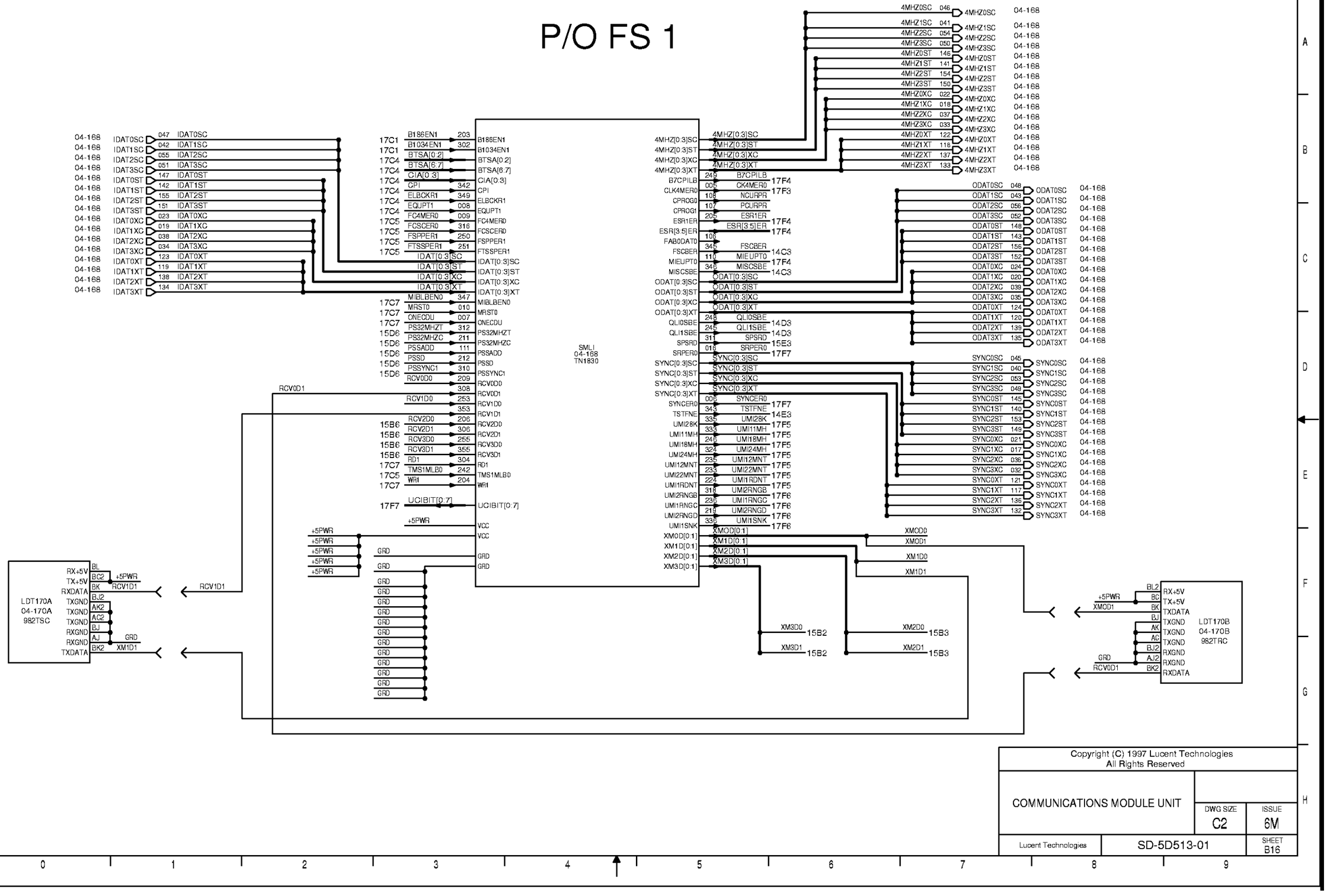


COMMUNICATIONS MODULE UNIT

DWG SIZE	ISSUE
C2	6M

Lucent Technologies	SD-5D513-01	SHEET
		B15

P/O FS 1



COMMUNICATIONS MODULE UNIT

DWG SIZE	ISSUE
C2	6M

Lucent Technologies	SD-5D513-01	SHEET
		B16

P/O FS 1

UN187
04-176
DMI3

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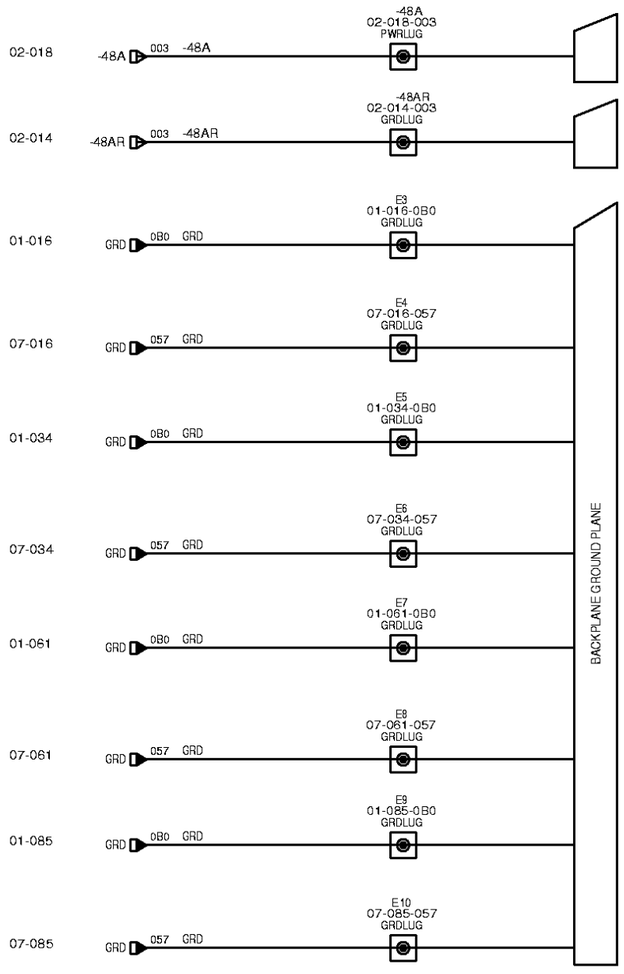
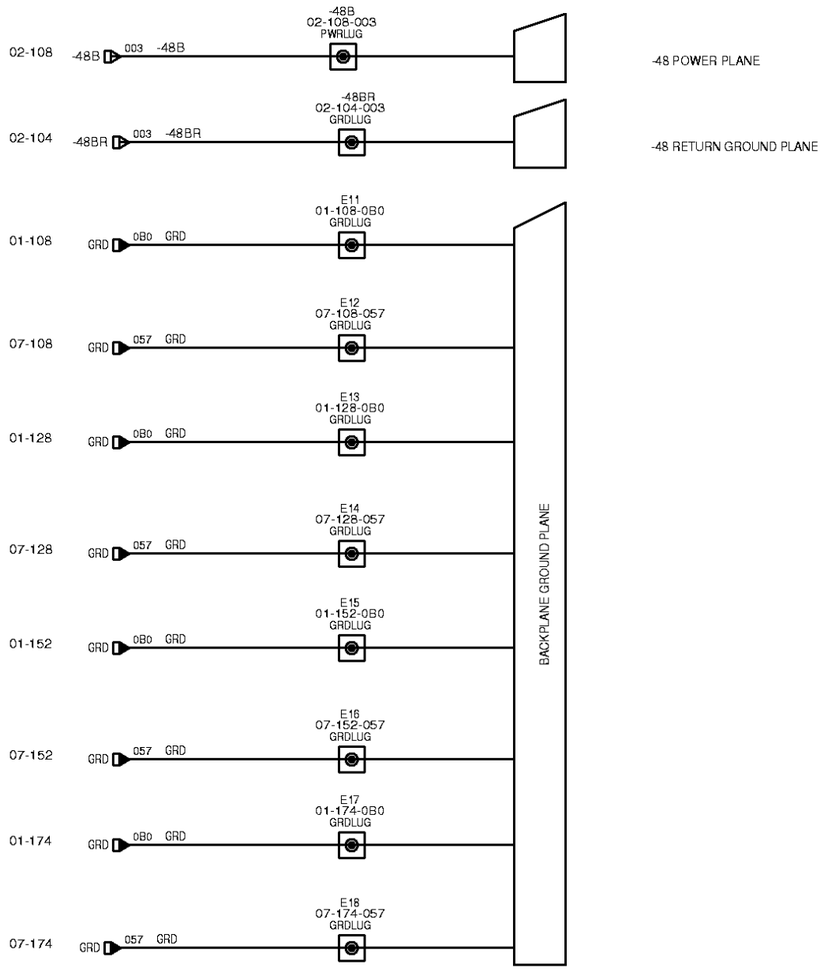
COMMUNICATIONS MODULE UNIT	DWG SIZE C2	ISSUE 6M
Lucent Technologies	SD-5D513-01	SHEET B17

P/O FS 1





COMMUNICATIONS MODULE UNIT		DWG SIZE C2	ISSUE 6M
Lucent Technologies	SD-5D513-01		SHEET B18

APP FIG. 1

WIRING AS PER 1.

APP FIG. 2

CIRCUIT PACK

OPT	DESIG	LOC	CODE	SHT/LOC
G	CD	04-008	SN516B	1D3
F	CD	04-008	SN516C	1D3
	IOP2	04-033	KBN10	3E4
	FPCC	04-074	UN173	8D5
	MSPP-82	04-082	TN856C	9D4
	FPC	04-090	TN886	10D4
	MSPP	04-098	TN856C	11D4
	TMSCONT	04-152	TN1813	14D4
	CCI	04-160	TN1812	15D4
	SMLI	04-168	TN1830	16D4
	DMI3	04-176	UN187	17D4

APP FIG. 3

CIRCUIT PACK

OPT	DESIG	LOC	CODE	SHT/LOC
	PWCON0	04-020	410AA	1D6
	MSPP-60	04-060	TN856C	6D4
	MIB-68	04-068	TN870	7D4

APP FIG. 4

CIRCUIT PACK

OPT	DESIG	LOC	CODE	SHT/LOC
	PWCON1	04-026	410AA	2D4
	MSPP-44	04-044	TN856C	4D4
	MIB-52	04-052	TN870	5D4

APP FIG. 5

CIRCUIT PACK

OPT	DESIG	LOC	CODE	SHT/LOC
(Z)	NCKCONT	04-144	MC5D215	13D4
(Y)	NCKCONT	04-144	MC5D222	13D4

APP FIG. 6

CIRCUIT PACK

OPT	DESIG	LOC	CODE	SHT/LOC
(S)	NCLKSYN	04-132	TN1274B	12D7

APP FIG. 7

CIRCUIT PACK

OPT	DESIG	LOC	CODE	SHT/LOC
(R)	NCLKSYN	04-132	TN1275B	12D7

APP FIG. 8

CIRCUIT PACK

OPT	DESIG	LOC	CODE	SHT/LOC
(Q)	NCLKOSC	04-122	TN1283	12E2

APP FIG. 9

CIRCUIT PACK

OPT	DESIG	LOC	CODE	SHT/LOC
(P)	NCLKOSC	04-122	TN1284	12E2

APP FIG. 10

CIRCUIT PACK

OPT	DESIG	LOC	CODE	SHT/LOC
(N)	NCLKOSC	04-122	TN1285	12E2

APP FIG. 11

CIRCUIT PACK

OPT	DESIG	LOC	CODE	SHT/LOC
(M)	NCLKOSC	04-122	TN1286	12E2

APP FIG. 12

CIRCUIT PACK

OPT	DESIG	LOC	CODE	SHT/LOC
	MSPP-44	04-044	TN856C	4D4
	MIB-52	04-052	TN870	5D4

APP FIG. 13

CIRCUIT PACK

OPT	DESIG	LOC	CODE	SHT/LOC
	MSPP-60	04-060	TN856C	6D4
	MIB-68	04-068	TN870	7D4

APP FIG. 14

CIRCUIT PACK

OPT	DESIG	LOC	CODE	SHT/LOC
	LDT170A	04-170A	982TSC	16
	LDT170B	04-170B	982TRC	16

APP FIG. 15

CIRCUIT PACK

OPT	DESIG	LOC	CODE	SHT/LOC
	LDT162A	04-162A	982TSC	15
	LDT162B	04-162B	982TRC	15

APP FIG. 16

CIRCUIT PACK

OPT	DESIG	LOC	CODE	SHT/LOC
(K)	NCKCONT	04-144	TN1851	13D4

APP FIG. 17

CIRCUIT PACK

OPT	DESIG	LOC	CODE	SHT/LOC
(J)	NCLKSYN	04-132	TN1850	12D7

COMMUNICATIONS MODULE UNIT

DWG SIZE C2 | ISSUE 6M

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CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
MMP FPC & PPC	15	-48VA	SIDE
OSC	5	-48VB	SIDE

BATTERY SYMBOL	VOLTAGE RANGE
-48	-47.75 TO -52.50

EQUIPMENT NOTES:

201. ALL PRINTED WIRE CONNECTIONS ARE SPECIFIED BY ED-5D738-30.

202. THE CMU EQUIPMENT LAYOUT FOR SIDE 1 AND SIDE 0 IS SHOWN BELOW.

SN516B	410AA	KBN10	TN856C	TN870	TN856C	TN870	UN173	TN856C	TN886	TN856C	TN1286	TN1247B	TN1276	TN1813	TN1812	TN1830	UN187
C&D	PWR	IOP2	MSPP	MIB	MSPP	MIB	FPC	MSPP	PPC	MSPP	CLKOSC	NLKSYNC	NLKCONT	TMSCONT	CCI	SMLI	DMI3
008	020	033	044	052	060	068	074	182	090	098	122	132	144	152	160	168	176

CMU SIDE 1

SN516B	410AA	KBN10	TN856C	TN870	TN856C	TN870	UN173	TN856C	TN886	TN856C	TN1286	TN1247B	TN1276	TN1813	TN1812	TN1830	UN187
C&D	PWR	IOP2	MSPP	MIB	MSPP	MIB	FPC	MSPP	PPC	MSPP	CLKOSC	NLKSYNC	NLKCONT	TMSCONT	CCI	SMLI	DMI3
008	026	033	044	052	060	068	074	182	090	098	122	132	144	152	160	168	176

CMU SIDE 0

203. CMU CIRCUIT PACKS SHOULD NOT BE REMOVED CHANGED OR ADDED WITHOUT POWERING DOWN THE ASSOCIATED SHELF.

APPARATUS CODE	CIRCUIT PACK REMOVAL PROCEDURES		
	PULL "HOT"	REMOVE UNIT POWER	SEQUENCED
SN516B		X	
410AA		X	
KBN10		X	
TN856C		X	
TN870		X	
UN173		X	
TN886		X	
TN1274B		X	
TN1275B		X	
TN1276		X	
TN1283		X	
TN1284		X	
TN1285		X	
TN1286		X	
TN1813		X	
TN1812		X	
TN1830		X	
UN187		X	
TN1851		X	
TN1850		X	
SN516C		X	

COMMUNICATIONS MODULE UNIT

DWG SIZE C2 | ISSUE 6M

Lucent Technologies | SD-5D513-01 | SHEET D1

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	X	2
TO PROVIDE COMMUNICATION LINKS ADMINISTRATIVE MODULE			
VIA DUAL SERIAL CHANNEL 12, MSG0		W	1
VIA DUAL SERIAL CHANNEL 14, MSG1		V	
TO PROVIDE EQUIPMENT REQUIRED FOR ONE COMMUNICATION MODULE UNIT SIDE 0 AND SIDE 1	2		2
EQUIPMENT REQUIRED IN ADDITION TO APP FIG. 2 TO PROVIDE POWER UNIT AND MMP FOR SIDE 1	3		1
EQUIPMENT REQUIRED IN ADDITION TO APP FIG. 2 TO PROVIDE POWER UNIT AND MMP FOR SIDE 0	4		1
EXTERNAL SYNCHRONIZATION MEDIUM STABILITY (STRATUM 3) NETWORK CLOCK FOR U.S. AND COMPATIBLE COUNTRIES FOR LOCAL APPLICATION (24 CHANNEL) FOR SIDE 0 AND SIDE 1	5	Z	2
	6	S	
	11	M	
EXTERNAL SYNCHRONIZATION HIGH STABILITY (STRATUM 2) NETWORK CLOCK FOR U.S. AND COMPATIBLE COUNTRIES FOR TOLL APPLICATIONS (24 CHANNEL) FOR SIDE 0 AND SIDE 1	5	Y	2
	6	S	
	9	P	
EXTERNAL SYNCHRONIZATION MEDIUM STABILITY (STRATUM 3) NETWORK CLOCK FOR INTERNATIONAL FOR LOCAL APPLICATION (30 CHANNEL) FOR SIDE 0 AND SIDE 1	5	Z	2
	7	R	
	10	N	
EXTERNAL SYNCHRONIZATION HIGH STABILITY (STRATUM 2) NETWORK CLOCK FOR INTERNATIONAL FOR TOLL APPLICATION (30 CHANNEL) FOR SIDE 0 AND SIDE 1	5	Y	2
	7	R	
	8	Q	
EQUIPMENT REQUIRED IN ADDITION TO APP FIGS. 2 AND 3 TO PROVIDE GROWTH MMP'S FOR SIDE 1	12		1
EQUIPMENT REQUIRED IN ADDITION TO APP FIGS. 2 AND 4 TO PROVIDE GROWTH MMP'S FOR SIDE 0	13		1
EQUIPMENT REQUIRED TO PROVIDE LIGHTWAVE DATA TRANSCEIVERS FOR SIDE 0 AND SIDE 1	14		2
EQUIPMENT REQUIRED IN ADDITION TO APP FIG. 14 TO PROVIDE SECOND LIGHTWAVE DATA TRANSCEIVER FOR FOR SIDE 0 AND SIDE 1	15		2
EXTERNAL SYNCHRONIZATION HIGH STABILITY (STRATUM 2) NETWORK CLOCK FOR 64KBS APPLICATIONS (30 CHANNEL) FOR SIDE 0 AND SIDE 1	8	Q	2
	16	K	
	17	J	
EXTERNAL SYNCHRONIZATION HIGH STABILITY (STRATUM 2) NETWORK CLOCK FOR 64KBS APPLICATIONS (24 CHANNEL) FOR SIDE 0 AND SIDE 1	9	P	2
	16	K	
	17	J	

INFORMATION NOTES (CONT):

303.

RECORD OF FIGURES, WIRING AND APPARATUS CHANGES					
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT	
				AVAIL	DA
2A		T			T
6M	G OR F	G		F	G

304. THE DSCH CABLES ARE LESS THAN 50 FEET LONG ALLOWING COMMUNICATION TO THE AM AT A 10 MHZ SERIAL DATA RATE. THIS IS SPECIFIED IN BOTH THE CMU AND DSCH BY BACKPLANE OPTIONS.

305. THE CMU IS INTERFACED TO THE AM VIA THE DSCH. THE DSCH CAN DRIVE 4 PERIPHERAL DEVICES. WHEN READING PERIPHERAL STATUS, EACH DEVICE IDENTIFIES ITS CHANNEL NUMBER BY GATING A 4-BIT ID CODE ONTO DATA BITS 3-0. THE UNIT ID CODE IS SPECIFIED VIA BACKPLANE WIRING OF THE NETS MYADD(3-0)1. BECAUSE ALL 4 SIGNALS ARE PULLED UP ON THE IOP2/MSC3 CIRCUIT PACK, SET ID CODE BITS ARE SPECIFIED BY LEAVING THE ASSOCIATED MYADD BIT UNCONNECTED. TO SPECIFY A ZERO ID CODE BIT, THE MYADD BIT IS WIRED TO GROUND. STRAIGHT BINARY CODING IS USED TO MAP ID CODES, TABLE 1 SPECIFIES THE MAPPING FOR DIFFERENT ID CODES. THE CMU IS WIRED AS CHANNEL 12 FOR MSG0 AND 14 FOR MSG1 PER APP FIG. 1, AND NOTE 302.

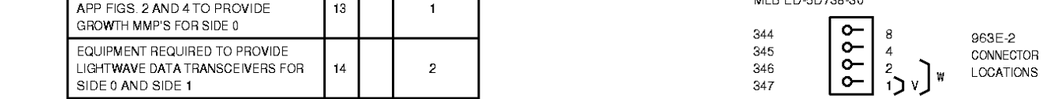
TABLE 1

	CHANNEL 0	1	2	3	4	5	6	7	8	9	10	11	12 (W)	13	14 (V)	15	EQL	DSCH BCD
MYADD31	G	G	G	G	G	G	G	G	NC	NC	NC	NC	NC	NC	NC	NC	033	
MYADD21	G	G	G	G	NC	NC	NC	NC	G	G	G	G	NC	NC	NC	NC	344	8
MYADD11	G	G	NC	NC	G	G	NC	NC	G	G	NC	NC	G	G	NC	NC	345	4
MYADD01	G	NC	G	NC	G	NC	G	NC	G	NC	G	NC	G	NC	G	NC	346	2
																	347	1

G=GROUND

CMU MLB BACKPLANE PER ED-5D738-30 MAKE CHANNEL ASSIGNMENTS BY GROUNDING MYADD PINS IN EQL 033-344 THROUGH 033-347 TO ADJACENT GROUND PINS (X WRG) IN EQL 033-244 THROUGH 033-247 USING 963E-2 CONNECTORS COMCODE 102 898 509, PER FIGURE A.

FIGURE A
033
MLB ED-5D738-30



307. CMU CIRCUIT PACKS SHOULD NOT BE REMOVED, CHANGED OR ADDED WITHOUT POWERING DOWN THE ASSOCIATED SHELF.

308. DIGITAL CLOCK REFERENCE CABLES SIDE 0 OR SIDE 1 MAY BE EITHER 120 OHM OR 75 OHM (COAX) CABLES. 75 OHM CABLES ARE LOCATED ONE EQL BELOW THE 120 OHM CABLE POSITION.

309. THE CMU BACKPLANE IS INTERNALLY WIRED FOR UNIT AUTO POWER RECOVERY (APR). NO INTERVENTION IS REQUIRED TO RESTART THE POWER CONVERTER IF -48 VOLT POWER IS REMOVED AND THEN RESTORED TO THE UNIT. MANUAL POWER DOWN OR POWER UP OF THE POWER CONVERTER IS AVAILABLE USING THE FACE PLATE CONTROLS ON THE CONTROL AND DISPLAY PACK.

COMMUNICATIONS MODULE UNIT

DWG SIZE C2 | ISSUE 6M

Lucent Technologies | SD-5D513-01 | SHEET D2

CAD TABLE OF CONTENTS				
FUNCTION	DESCRIPTION (LOWER LEFT PIN OF CONNECTOR)		SIZE	ELEMENT
MODULE MESSAGE PROCESSOR	MESSAGE INTERFACE BUS TO SIDE 0	04-067-033	2X4	AX
	MESSAGE INTERFACE BUS TO SIDE 1	04-067-052	2X4	AU
	MESSAGE INTERFACE BUS TO SIDE 0	04-067-047	2X4	AV
	MESSAGE INTERFACE BUS TO SIDE 1	04-067-038	2X4	AW
	MESSAGE INTERFACE BUS TO SIDE 0	04-168-153	2X4	AE
	MESSAGE INTERFACE BUS TO SIDE 1	04-168-132	2X4	AJ
	MESSAGE INTERFACE BUS SIDE 0	04-168-149	2X4	AF
	MESSAGE INTERFACE BUS SIDE 1	04-168-136	2X4	AI
PUMP PERIPHERAL CONTROLLER	MESSAGE INTERFACE BUS SIDE 0	04-090-334	2X4	AQ
	MESSAGE INTERFACE BUS SIDE 1	04-090-339	2X4	AP
	MESSAGE INTERFACE BUS SIDE 0	04-168-140	2X4	AH
	MESSAGE INTERFACE BUS SIDE 1	04-168-117	2X4	BD
FOUNDATION PUMP PERIPHERAL	CONTROL AND DIAGNOSTIC ACCESS LINK (CDAL) SIDE 0	04-074-532	2X6	AT
	CONTROL AND DIAGNOSTIC ACCESS LINK (CDAL) SIDE 0	04-074-513	2X12	BH
	CONTROL AND DIAGNOSTIC ACCESS LINK (CDAL) SIDE 1	04-074-538	2X6	AS
	CONTROL AND DIAGNOSTIC ACCESS LINK (CDAL) SIDE 1	04-074-545	2X12	AR
	CONTROL AND DIAGNOSTIC ACCESS LINK (CDAL) SIDE 0	04-176-551	2X6	AA
	CONTROL AND DIAGNOSTIC ACCESS LINK (CDAL) SIDE 0	04-176-532	2X12	AC
	CONTROL AND DIAGNOSTIC ACCESS LINK (CDAL) SIDE 1	04-176-351	2X6	AB
	CONTROL AND DIAGNOSTIC ACCESS LINK (CDAL) SIDE 1	04-176-332	2X12	AD
CONTROL AND DISPLAY	FUSE ALARM SIDE 0 AND SIDE 1 TO FUSE PANEL	04-008-145	2X3	BB
NETWORK CLOCK ALARMS	FUSE ALARM SIDE 0 AND SIDE 1 TO FUSE PANEL	04-143-054	2X3	AK
SCAN AND DISTRIBUTE	SCAN TO 3BIOP SIDE 0	04-007-000	2X12	BP
	SCAN TO 3BIOP SIDE 1	04-007-013	2X12	BO
TMS CLOCK CROSS-COUPLE	CROSS COUPLE SIDE 0	04-143-032	2X12	AL
	CROSS COUPLE SIDE 1	04-141-032	2X12	AM
DUAL SERIAL CHANNEL	DSCH TO 3BIOP SIDE 0	04-033-506	2X6	BK
	DSCH TO 3BIOP SIDE 1	04-033-706	2X6	BJ
NETWORK CLOCK REFERENCE CABLE	CLOCK ANALOG SIDE 0/1	04-132-317	2X3	BF
NETWORK CLOCK COAX REF CABLE DIGITAL SEE NOTE 308	COAX REF CABLE SIDE 0/1	04-132-353	2X3	AN
	COAX REF CABLE SIDE 0/1	04-132-306	2X3	BG
	COAX REF CABLE SIDE 0/1	04-132-338	2X3	AO
	COAX REF CABLE SIDE 0/1	04-132-321	2X3	BE
NETWORK CLOCK REFERENCE CABLE DIGITAL SEE NOTE 308	REF CLOCK CABLE SIDE 0/1	04-132-354	2X3	AN
	REF CLOCK CABLE SIDE 0/1	04-132-307	2X3	BG
	REF CLOCK CABLE SIDE 0/1	04-132-339	2X3	AO
	REF CLOCK CABLE SIDE 0/1	04-132-322	2X3	BE
POWER LUG	-48A POWER	02-014-003	2X2	BQ
	-48B NETWORK CLOCK POWER	02-104-003	2X2	BQ
	-48RA RETURN	02-018-003	2X2	BQ
	-48RB RETURN CLOCK	02-108-003	2X2	BQ
COMMUNICATION MODULE PROCESSOR	INPUT-OUTPUT MICROPROCESSOR INTERFACE	04-033-745	2X12	AY
		04-033-732	2X12	AZ
		04-033-713	2X12	BI
		04-033-700	2X6	BL

CAD TABLE OF CONTENTS				
FUNCTION	DESCRIPTION (LOWER LEFT PIN OF CONNECTOR)		SIZE	ELEMENT
GROUND LUG		01-016-0B0	2X2	BQ
		01-034-0B0	2X2	BQ
		01-061-0B0	2X2	BQ
		01-085-0B0	2X2	BQ
		01-108-0B0	2X2	BQ
		01-128-0B0	2X2	BQ
		01-152-0B0	2X2	BQ
		01-174-0B0	2X2	BQ
		07-016-057	2X2	BQ
		07-034-057	2X2	BQ
		07-061-057	2X2	BQ
		07-085-057	2X2	BQ
		07-108-057	2X2	BQ
		07-128-057	2X2	BQ
		07-152-057	2X2	BQ
		07-174-057	2X2	BQ

COMMUNICATIONS MODULE UNIT

DWG SIZE C2 | ISSUE 6M

Lucent Technologies | SD-5D513-01 | SHEET G1

NOTES:

1. THE FOLLOWING CONNECTORS ARE UNASSIGNED.
   - AG
   - BC
   - BM
   - BN
2. ELEMENT BA - SEE NOTE 305.
3. POWER AND GROUND LUGS ARE ELEMENT BQ.
4. ELEMENTS AN,AO,BF,BG - SEE NOTE 308.

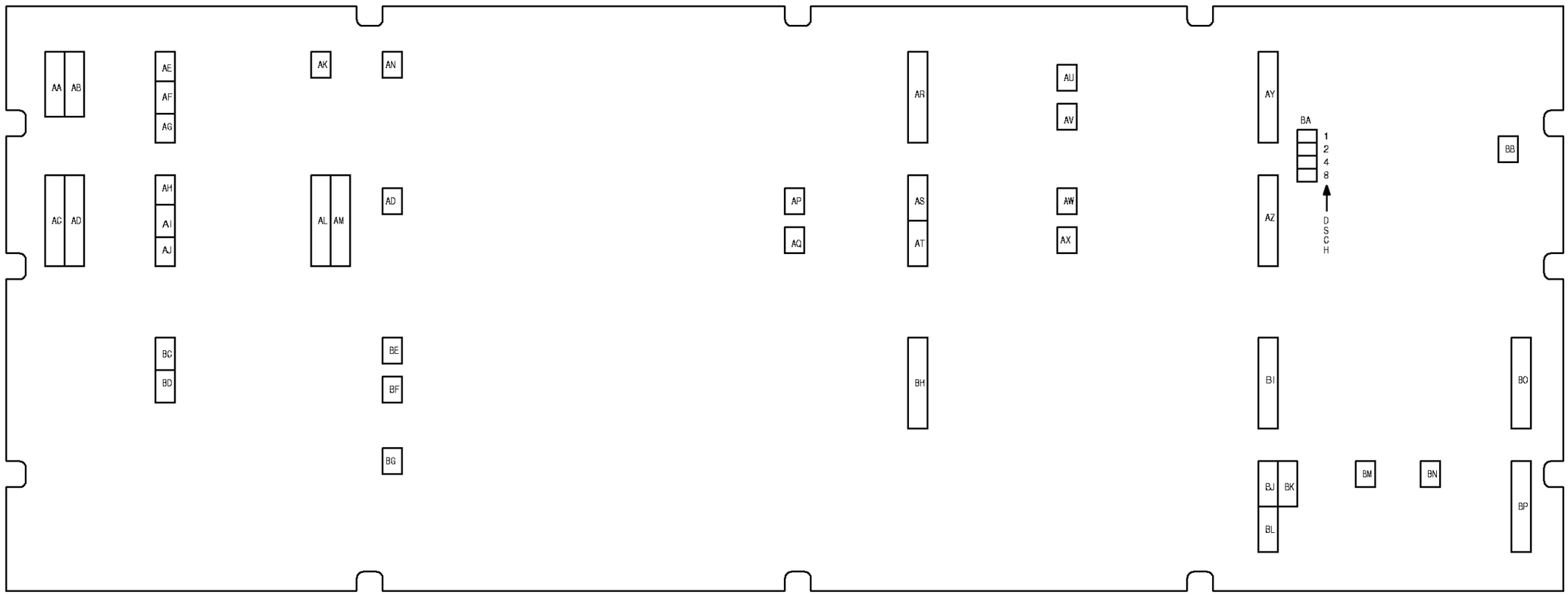
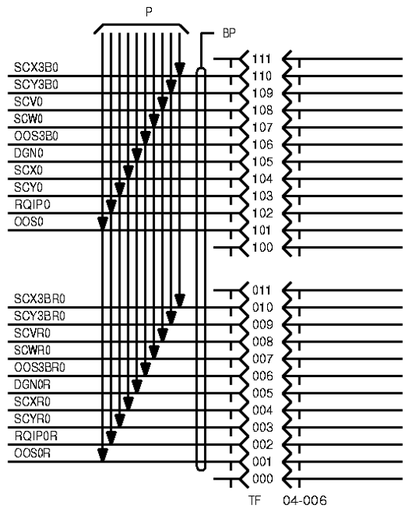


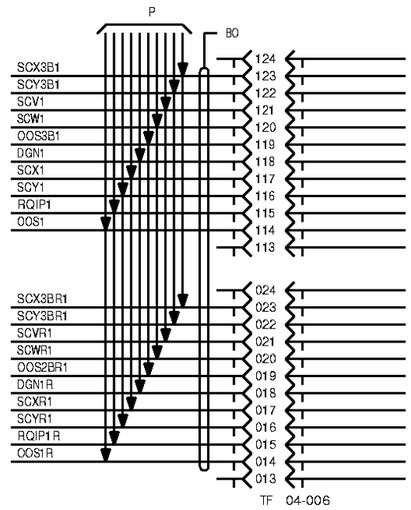
FIGURE 1

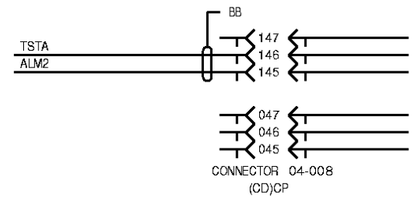
BACKPLANE PICTORIAL WIRING SIDE

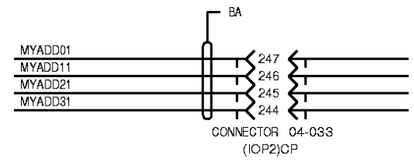
COMMUNICATIONS MODULE UNIT		DWG SIZE C2	ISSUE 6M
Lucent Technologies	SD-5D513-01		SHEET G2

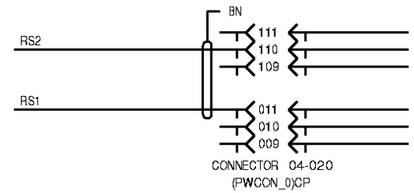
P/O CAD 1

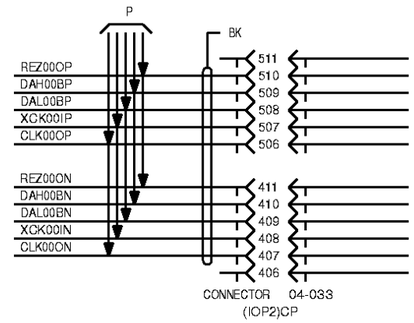


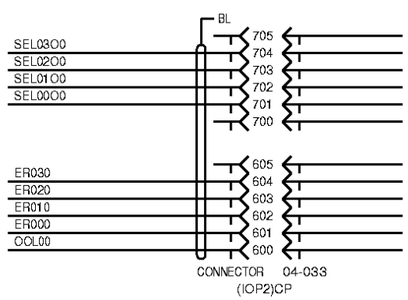


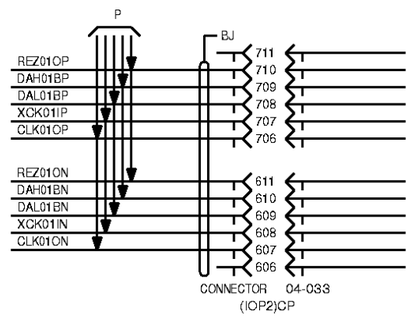


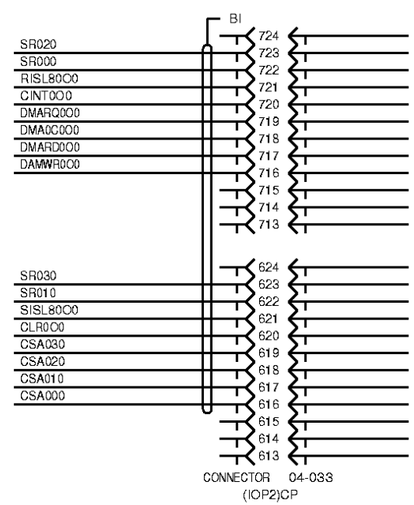


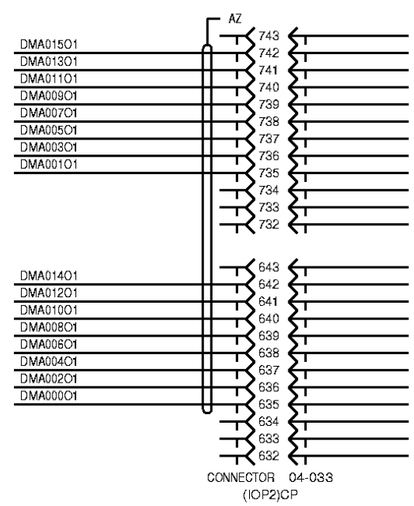






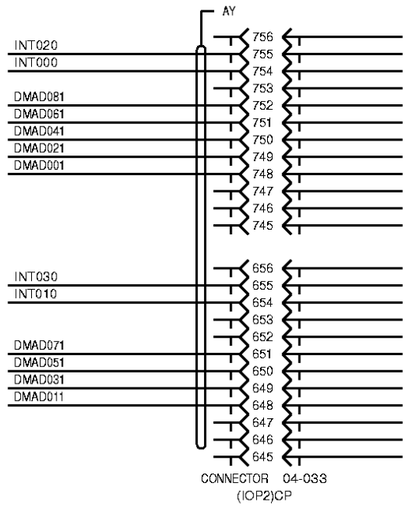


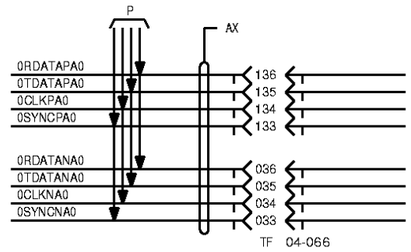


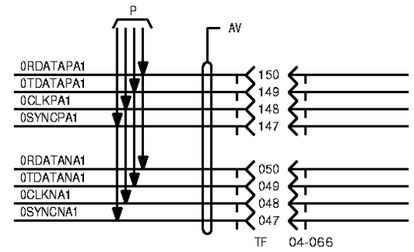


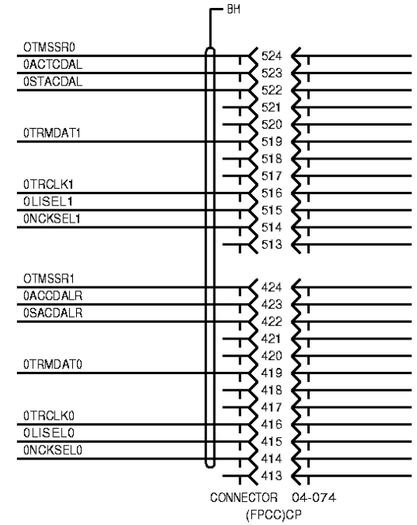
COMMUNICATIONS MODULE UNIT		DWG SIZE C2	ISSUE 6M
Lucent Technologies	SD-5D513-01		SHEET G3

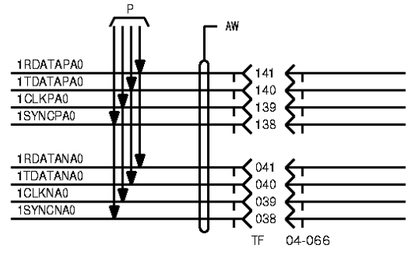
P/O CAD 1

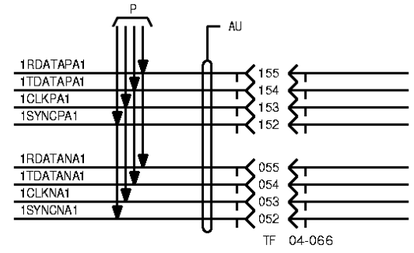


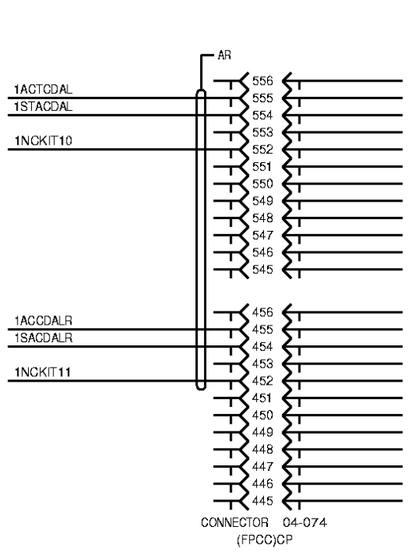


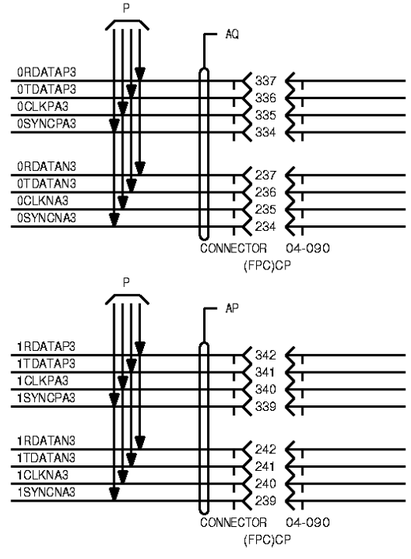


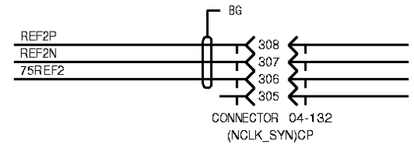


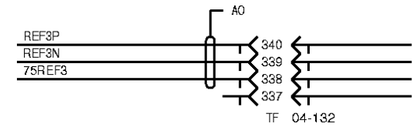


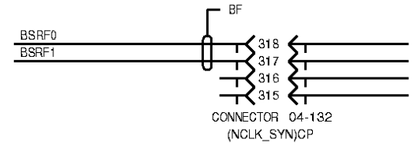


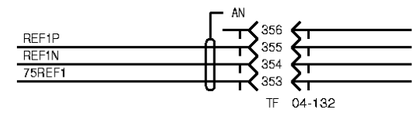


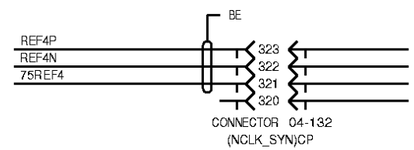


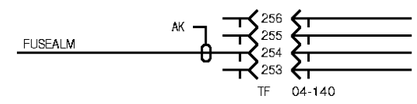










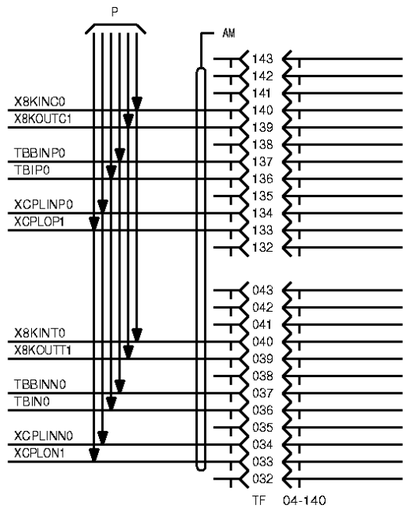


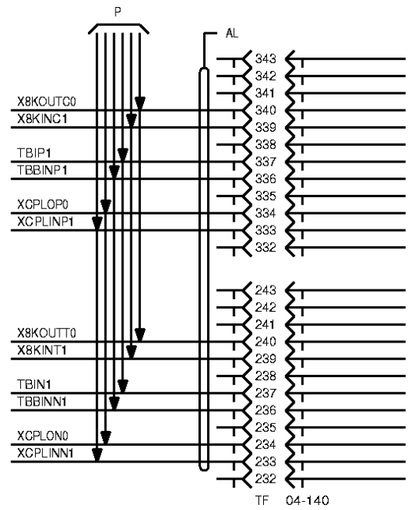
COMMUNICATIONS MODULE UNIT

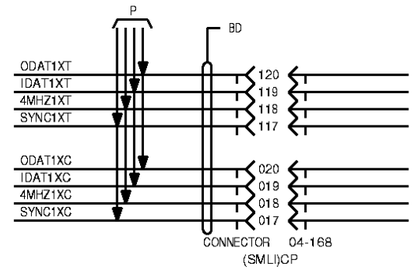
DWG SIZE	ISSUE
C2	6M

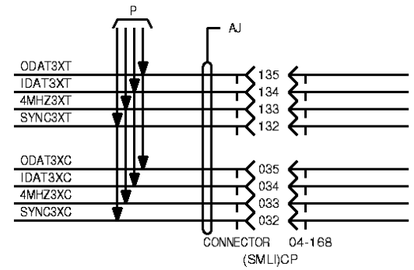
Lucent Technologies	SD-5D513-01	SHEET G4

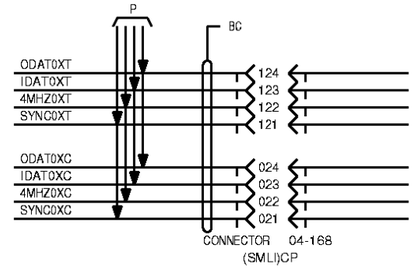
P/O CAD 1

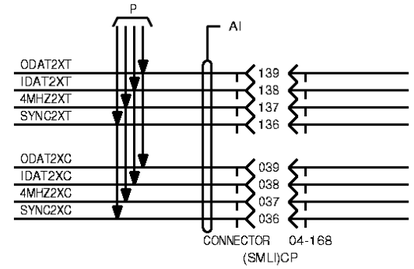


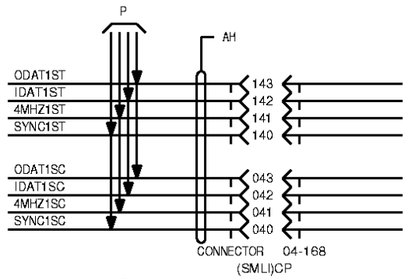


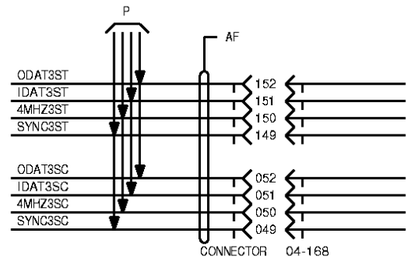


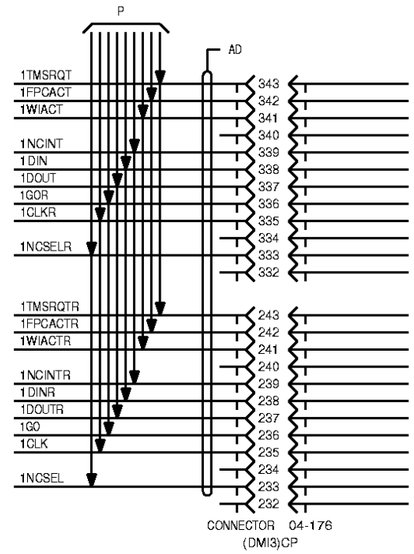


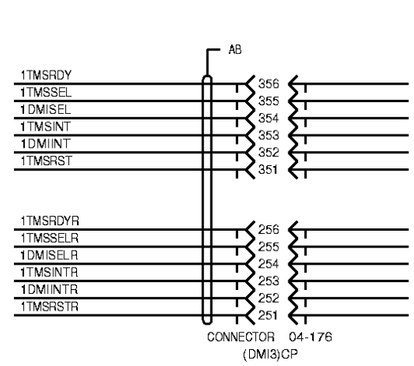


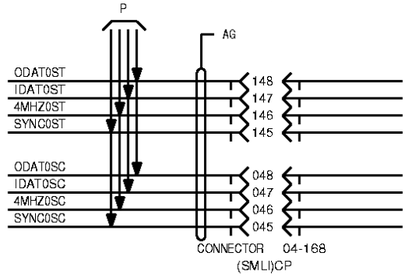


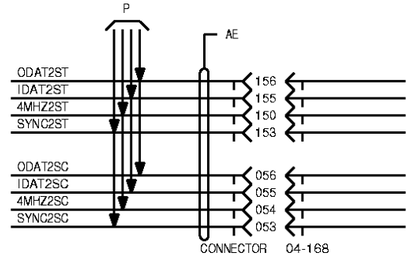










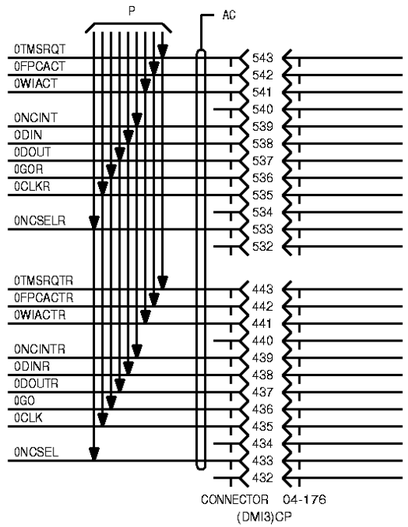


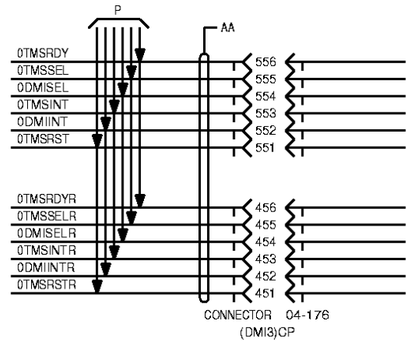
COMMUNICATIONS MODULE UNIT

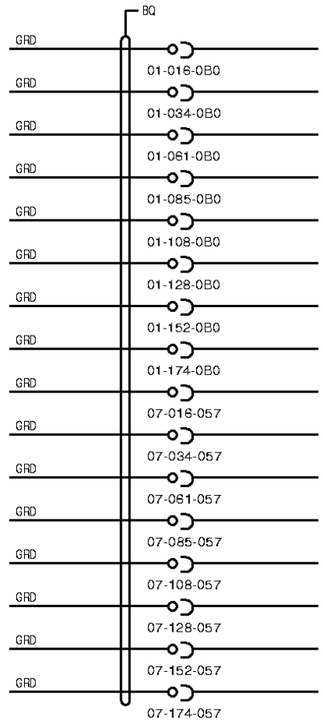
DWG SIZE	ISSUE
C2	6M

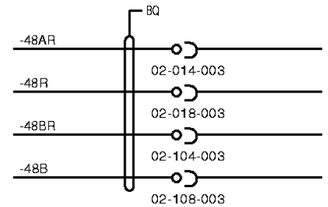
Lucent Technologies	SD-5D513-01	SHEET
		G5

P/O CAD 1









COMMUNICATIONS MODULE UNIT

DWG SIZE	ISSUE
C2	6M

Lucent Technologies	SD-5D513-01	SHEET G6