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OPTION INDEX

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9	1	305	APP FIG. 9
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W	5B		APP FIG. 2,3
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DWG ISS	CD ISS	DWG ISS	CD ISS	DWG ISS	CD ISS
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DWG ISS	CD ISS	DWG ISS	CD ISS	DWG ISS	CD ISS
4B	1 APPR 3B		APPR		APPR
DWG ISS	CD ISS	DATE ISSD		DRN	APP
5B	1 APPR 4B	5-18-93			
6M	1 APPR 5M	9-26-97			

SUPPORTING INFORMATION

SYSTEM USED ON	DESIGN CONTROL	CATEGORY	NO.
5ESS	IH	EQUIPMENT DRAWING	J5DO2OAC-1

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.

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BT13

5ESS® SWITCHING EQUIPMENT
MESSAGE SWITCH PERIPHERAL
UNIT, MODEL 3
CIRCUIT

DWG SIZE	ISSUE
C2	6M

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DESIGNATION MNEMONICS INDEX

MNEMONIC	LOC	DEFINITION
{A,B}-48PWR	2G4	SIDE A OR B, MINUS 48 VOLTS FEED
{A,B}-48RTN	2C5	SIDE A OR B, MINUS 48 VOLTS RETURN
{A,B}ALMC{1,2}	1G5	SIDE A OR B, ALARM CIRCUIT 1 OR 2
{A,B}CLK0{N,P)	10G4	SIDE A OR B, CLOCK, SIDE 0 (NEGATIVE, POSITIVE)
{A,B}CLK1{N,P)	4G5	SIDE A OR B, CLOCK, SIDE 1 (NEGATIVE, POSITIVE)
{A,B}CMDINT0	5G5	SIDE A OR B, COMMAND INTERRUPT, ACTIVE LOW
{A,B}CURPR{0,1)	9C1	SIDE A OR B, CURRENT PROGRAMMING RESISTOR LEAD {0,1)
{A,B}DMADAP1	3G4	SIDE A OR B, DMA DATA PARITY
{A,B}DMADA{00-07)	3G1	SIDE A OR B, DMA DATA LEAD (00-07)
{A,B}DMAOPC0	9G3	SIDE A OR B, DMA OPERATION COMPLETE, ACTIVE LOW
{A,B}DMARD0	9G4	SIDE A OR B, DMA READ, ACTIVE LOW
{A,B}DMAREQ0	7G1	SIDE A OR B, DMA REQUEST, ACTIVE LOW
{A,B}DMAWT0	5G5	SIDE A OR B, WRITE, ACTIVE LOW
{A,B}INITPC0	5G4	SIDE A OR B, INITIALIZE PERIPHERAL CONTROLLER, ACTIVE LOW
{A,B}INT{0,1)	1C5	SIDE A OR B, CURRENT PROGRAMMING INTERRUPT {0,1}
{A,B}MPF0{0,1)	1C6	SIDE A OR B, POWER FAIL {0,1)
{A,B}OOS+I	1G4	SIDE A OR B, MARK CONVERTER OUT OF SERVICE
{,B)OOS-I	2C4	SIDE A OR B, -48 VOLT POWER OUT OF SERVICE
{A,B}OOSR	12B1	SIDE A OR B, SCAN AND DISTRIBUTE OUT OF SERVICE RETURN
{A,B}OOS3B	1C6	SIDE A OR B, SCAN AND DISTRIBUTE OUT OF SERVICE RETURN
{A,B}P5V0	8G5	SIDE A OR B, PLUS 5 VOLTS POWER
{A,B}RDATA0{N,P}	4G5	SIDE A OR B, SIDE 0, RECEIVE DATA (NEGATIVE, POSITIVE}
{A,B}RDATA1{N,P}	4G5'	SIDE A OR B, SIDE 1, RECEIVE DATA (NEGATIVE, POSITIVE}
{A,B}RISOL0	3G2	SIDE A OR B, RESET PC ISOLATE, ACTIVE LOW
{A,B}RQIP3B	1G5	SIDE A OR B, SCAN AND DISTRIBUTE REQUEST IN PROGRESS
{A,B}RQIP3BR	12C1	SIDE A OR B, SCAN AND DISTRIBUTE REQUEST IN PROGRESS RETURN
{A,B}RS{1-3)	1C5	SIDE A OR B, REMOTE START AND SHUTDOWN {1-3}
{A,B}RVS	2C4	SIDE A OR B, REMOTE VOLTAGE SENSE
{A,B}SCWR{0,1)	1C4	SIDE A OR B, SCAN AND DISTRIBUTE SCAN POINT W RETURN {0,1)
{A,B}SCW3B{0,1)	1C7	SIDE A OR B, SCAN AND DISTRIBUTE SCAN POINT W {0,1)
{A,B}SCX3B{0,1)	1C6	SIDE A OR B, SCAN AND DISTRIBUTE SCAN POINT X {0,1)
{A,B}SCX3B{0,1)R	12C1	SIDE A OR B, SCAN AND DISTRIBUTE SCAN POINT X RETURN {0,1)
{A,B}SCY3B{0,1)R	1C4	SIDE A OR B, SCAN AND DISTRIBUTE SCAN POINT Y RETURN {0,1)
{A,B}SISOL0	9G1	SIDE A OR B, SET ISOLATE, ACTIVE LOW
{A,B}SYNC0{N,P)	4G5	SIDE A OR B, SYNC, SIDE 0 (NEGATIVE, POSITIVE)
{A,B}SYNC1{N,P)	4G5	SIDE A OR B, SYNC, SIDE 1 (NEGATIVE, POSITIVE)
{A,B}TDATA0{N,P}	4C5	SIDE A OR B, SIDE 0, TRANSMIT DATA (NEGATIVE, POSITIVE)
{A,B}TDATA1{N,P}	10C5	SIDE A OR B, SIDE 1, TRANSMIT DATA (NEGATIVE, POSITIVE)
{A,B}TSTA	1C6	SIDE A OR B, TEST A
{A,B}(0-3)ADDPH	3C6	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), ADDRESS PARITY HIGH
{A,B}(0-3)ADDPL	4C3	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), ADDRESS PARITY LOW
{A,B}(0-3)ADDPM	4C5	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), ADDRESS PARITY MEDIUM
{A,B}(0-3)ADD (00-19)	3C2	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), ADDRESS PARITY LEAD (00-19)
{A,B}(0-3)AD2PE0	3G2	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), ADDRESS TWO PARITY ERROR, ACTIVE LOW
{A,B}(0-3)ALWPG0	4G3	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), ALLOW PROGRAMMING ERROR, ACTIVE LOW
{A,B}(0-3)CLESR0	3C3	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), CLEAR ERROR SOURCE REGISTER, ACTIVE LOW
{A,B}(0-3)CLK4MZ	3C1	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), 4 MHZ CLOCK
{A,B}(0-3)CLK86	3C6	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), 8086 CLOCK
{A,B}(0-3)CMINT0	3C3	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), COMMAND INTERRUPT, ACTIVE LOW
{A,B}(0-3)CNTWS0	3G2	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), CONTINUOUS WAIT STATE (TN870), ACTIVE LOW
{A,B}(0-3)CONWS0	3C3	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), CONTINUOUS WAIT STATE (TN856B), ACTIVE LOW
{A,B}(0-3)CSA0	3C5	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), CONTROL SIGNAL ACKNOWLEDGE, ACTIVE LOW
{A,B}(0-3)CSWND0	4G5	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), CHIP SELECT WINDOW, ACTIVE LOW
{A,B}(0-3)DATA (00-07)	4C6	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), DATA LEAD (00-07)
{A,B}(0-3)DATPHI	4C8	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), DATA PARITY HIGH
{A,B}(0-3)DATPL	3G5	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), DATA PARITY LOW
{A,B}(0-3)DLYDIR	4C7	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), DELAY DIRECTION CONTROL
{A,B}(0-3)DRLRHW	4G4	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), DIRECTION, LOW READ, HIGH WRITE
{A,B}(0-3)D86TR	3C3	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), 8086 DIRECTION CONTROL, TRANSMIT HIGH, RECEIVE LOW
{A,B}(0-3)EBYBT0	3G4	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), ENABLE BYTE BYTE, ACTIVE LOW
{A,B}(0-3)EHBYT0	3G2	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), ENABLE HIGH BYTE, ACTIVE LOW
{A,B}(0-3)ELBYT0	4C2	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), ENABLE LOW BYTE, ACTIVE LOW
{A,B}(0-3)ERR0	3C2	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), PERIPHERAL CONTROLLER ERROR, ACTIVE LOW
{A,B}(0-3)FUNCN1	3C3	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), EXTERNAL FUNCTIONS ENABLE, ACTIVE HIGH
{A,B}(0-3)HLDAK0	3G4	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), HOLD ACKNOWLEDGE, ACTIVE LOW
{A,B}(0-3)INTAK0	3C3	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), INTERRUPT ACKNOWLEDGE, ACTIVE LOW
{A,B}(0-3)HLDRQ0	3G2	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), HOLD REQUEST, ACTIVE LOW
{A,B}(0-3)INTRQ0	4C2	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), INTERRUPT REQUEST, ACTIVE LOW
{A,B}(0-3)INTR0	3C6	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), PERIPHERAL CONTROLLER INTERRUPT REQUEST, ACTIVE LOW

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE: C2 | ISSUE: 6M

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DESIGNATION MNEMONICS INDEX

MNEMONIC	LOC	DEFINITION
(A,B)(0-3)IORD0	3C1	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), INPUT OUTPUT READ, ACTIVE LOW
(A,B)(0-3)IOWT0	3C3	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), INPUT OUTPUT WRITE, ACTIVE LOW
(A,B)(0-3)LATCH0	4G4	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), LATCH READ DATA, ACTIVE LOW
(A,B)(0-3)MEMRD0	4C2	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), MEMORY READ, ACTIVE LOW
(A,B)(0-3)MEMWT0	3C4	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), MEMORY WRITE, ACTIVE LOW
(A,B)(0-3)ME1IO0	3C1	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), MEMORY DIRECTION, ONE INPUT, ZERO OUTPUT
(A,B)(0-3)PARER0	4C3	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), DATA TWO PARITY ERROR, ACTIVE LOW
(A,B)(0-3)PBHE0	3G1	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), PERIPHERAL BUS HIGH ENABLE, ACTIVE LOW
(A,B)(0-3)PCSEL0	3G5	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), PERIPHERAL CONTROLLER SELECT, ACTIVE LOW
(A,B)(0-3)PMPCS0	3G3	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), PUMP PERIPHERAL CONTROLLER SELECT, ACTIVE LOW
(A,B)(0-3)PWRST0	3C1	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), POWER RESTART, ACTIVE LOW
(A,B)(0-3)P(1-3)IN	3G2	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), EQUIPPED APPLICATION PIN (1-3)
(A,B)(0-3)RASOK1	4C1	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), ROW ADDRESS STROBE OK, ACTIVE HIGH
(A,B)(0-3)SR0	3C0	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), SERVICE REQUEST, ACTIVE LOW
(A,B)(0-3)TVLPB	3C6	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), TEST VECTOR LOOP B
(A,B)(0-3)TVLPD	3C5	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), TEST VESTOR LOOP D
(A,B)(0-3)WDAT (08-15)	3G5	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), WORD DATA LEAD (08-15)
(A,B)(0-3)10INT0	4G3	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), TEN MILLISECOND INTERRUPT, ACTIVE LOW
DIAGNOS	12D3	DIAGNOSE
MANOVRR(0,1)	1C3	MANUAL OVERRIDE RETURN (0,1)
MANOVR(0,1)	1C5	MANUAL OVERRIDE (0,1)

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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APPARATUS INDEX

OPT	DESIG	LOCATION LOC	APP FIG	EQPT
	CIRCUIT PACK			
X	AMSPUCD	1F2	2	04-008
W	AMSPUCD	1F2	2	04-008
T	AMSPUCD	1F2	2	04-008
	APWRCONV	2F1	2	04-024
X	BMSPUCD	13F2	3	04-096
W	BMSPUCD	13F2	3	04-096
T	BMSPUCD	13F2	3	04-096
	BPWRCONV	14F1	3	04-112
	MMPA0	4F1	4	04-040
V	MSPPA0	3F0	4	04-032
U	MSPPA0	3F0	4	04-032
	MMPA1	6F1	6	04-056
V	MSPPA1	5F0	6	04-048
U	MSPPA1	5F0	6	04-048
	MMPA2	8F1	8	04-072
V	MSPPA2	7F0	8	04-064
U	MSPPA2	7F0	8	04-064
	MMPA3	10F0	10	04-088
V	MSPPA3	9F0	10	04-080
U	MSPPA3	9F0	10	04-080
	MMPB0	16F1	5	04-128
V	MSPPB0	15F0	5	04-120
U	MSPPB0	15F0	5	04-120
	MMPB1	18F1	7	04-144
V	MSPPB1	17F0	7	04-136
U	MSPPB1	17F0	7	04-136
	MMPB2	20F1	9	04-160
V	MSPPB2	19E0	9	04-152
U	MSPPB2	19E0	9	04-152
	MMPB3	22F1	11	04-176
W	MSPPB3	21F0	11	04-168

DESIG	LOCATION LOC	APP FIG	EQPT
LUGS			
E1	11D0	1	01-017
E2	11D0	1	01-018
E3	11D1	1	01-037
E4	11D1	1	01-038
E5	11D2	1	01-061
E6	11D2	1	01-062
E7	11D3	1	01-085
E8	11D3	1	01-086
E9	11D4	1	02-016
E10	11D4	1	02-019
E11	11D4	1	02-021
E12	11D5	1	07-017
E13	11D5	1	07-018
E14	11D6	1	07-037
E15	11D6	1	07-038
E16	11D7	1	07-061
E17	11D7	1	07-062
E18	11D8	1	07-085
E19	11D8	1	07-086
E20	23C0	1	01-107
E21	23C0	1	01-108
E22	23C1	1	01-128
E23	23C1	1	01-152
E24	23C2	1	01-152
E25	23C2	1	01-173
E26	23C3	1	01-174
E27	23C3	1	02-104
E28	23C4	1	02-105
E29	23C4	1	02-108
E30	23C5	1	02-110
E31	23C5	1	07-107
E32	23C6	1	07-108
E33	23C6	1	07-128
E34	23C7	1	07-128
E35	23C7	1	07-152
E36	23C8	1	07-152
E37	23C8	1	07-173
E38	23C8	1	07-174

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE: C2 | ISSUE: 6M

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1 LEAD INDEX

LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
A-48PWR	02-016	02-016	003	P		B11/E4	*
A-48PWR	E9	02-016-003	1	P	PWR1	B11/D4	
A-48PWR	E9	02-016-003	2	P	PWR2	B11/D4	
A-48PWR	E9	02-016-003	3	P	PWR3	B11/D4	
A-48PWR	E9	02-016-003	4	P	PWR4	B11/D4	
A-48PWR	AMSPUCD	04-008	006	P	-48V	B1/F2	
A-48PWR	AMSPUCD	04-008	007	P	-48V	B1/F2	
A-48PWR	AMSPUCD	04-008	008	P	-48V	B1/F2	
A-48PWR	AMSPUCD	04-008	106	P	-48	B1/F2	
A-48PWR	AMSPUCD	04-008	107	P	-48	B1/F2	
A-48PWR	AMSPUCD	04-008	108	P	-48	B1/F2	
A-48PWR	APWRCONV	04-024	006	P	B-48PWR	B2/F1	
A-48PWR	APWRCONV	04-024	007	P	B-48PWR	B2/F1	
A-48PWR	APWRCONV	04-024	008	P	B-48PWR	B2/F1	
A-48PWR	APWRCONV	04-024	106	P	B-48PWR	B2/F1	
A-48PWR	APWRCONV	04-024	107	P	B-48PWR	B2/F1	
A-48PWR	APWRCONV	04-024	108	P	B-48PWR	B2/F1	
A-48PWR	APWRCONV	04-024	206	P	B-48PWR	B2/F1	
A-48PWR	APWRCONV	04-024	207	P	B-48PWR	B2/F1	
A-48PWR	APWRCONV	04-024	208	P	B-48PWR	B2/F1	
A-48PWR	APWRCONV	04-024	306	P	B-48PWR	B2/F1	
A-48PWR	APWRCONV	04-024	307	P	B-48PWR	B2/F1	
A-48PWR	APWRCONV	04-024	308	P	B-48PWR	B2/F1	
A-48RTN	02-019	02-019	003	P		B11/E4	*
A-48RTN	E10	02-019-003	1	P	PWR1	B11/D4	
A-48RTN	E10	02-019-003	2	P	PWR2	B11/D4	
A-48RTN	E10	02-019-003	3	P	PWR3	B11/D4	
A-48RTN	E10	02-019-003	4	P	PWR4	B11/D4	
A-48RTN	02-021	02-021	003	P		B11/E4	*
A-48RTN	E11	02-021-003	1	P	PWR1	B11/D4	
A-48RTN	E11	02-021-003	2	P	PWR2	B11/D4	
A-48RTN	E11	02-021-003	3	P	PWR3	B11/D4	
A-48RTN	E11	02-021-003	4	P	PWR4	B11/D4	
A-48RTN	AMSPUCD	04-008	002	I	WDELEN0	B1/F2	
A-48RTN	AMSPUCD	04-008	003	G	48RTN	B1/F2	
A-48RTN	AMSPUCD	04-008	004	G	NC	B1/F2	
A-48RTN	AMSPUCD	04-008	101	I	YDELEN0	B1/F2	
A-48RTN	AMSPUCD	04-008	102	G	48RTN	B1/F2	
A-48RTN	AMSPUCD	04-008	103	G	48RTN	B1/F2	
A-48RTN	AMSPUCD	04-008	104	G	48RTN	B1/F2	
A-48RTN	AMSPUCD	04-008	149	I	ZRTN	B1/F2	
A-48RTN	APWRCONV	04-024	003	G	B-48RTN	B2/F1	
A-48RTN	APWRCONV	04-024	004	G	B-48RTN	B2/F1	
A-48RTN	APWRCONV	04-024	005	G	B-48RTN	B2/F1	
A-48RTN	APWRCONV	04-024	102	G	B-48RTN	B2/F1	
A-48RTN	APWRCONV	04-024	103	G	B-48RTN	B2/F1	
A-48RTN	APWRCONV	04-024	104	G	B-48RTN	B2/F1	
A-48RTN	APWRCONV	04-024	203	G	B-48RTN	B2/F1	
A-48RTN	APWRCONV	04-024	204	G	B-48RTN	B2/F1	
A-48RTN	APWRCONV	04-024	205	G	B-48RTN	B2/F1	
A-48RTN	APWRCONV	04-024	302	G	B-48RTN	B2/F1	
A-48RTN	APWRCONV	04-024	303	G	B-48RTN	B2/F1	
A-48RTN	APWRCONV	04-024	304	G	B-48RTN	B2/F1	
A010INT0	MSPPA0	04-032	033	O	X10MSINT	B3/F0	
A010INT0	MMPA0	04-040	033	I	X10MINT0	B4/F1	
A0AD2PE0	MSPPA0	04-032	021	I	ADD2PE0	B3/F0	
A0AD2PE0	MMPA0	04-040	021	IO	ADD2PE0	B4/F1	
A0ADD00	MSPPA0	04-032	046	IO	XADD00	B3/F0	
A0ADD00	MMPA0	04-040	046	IO	XADD00	B4/F1	
A0ADD01	MSPPA0	04-032	146	IO	XADD01	B3/F0	
A0ADD01	MMPA0	04-040	146	IO	XADD01	B4/F1	
A0ADD02	MSPPA0	04-032	047	IO	XADD02	B3/F0	
A0ADD02	MMPA0	04-040	047	IO	XADD02	B4/F1	
A0ADD03	MSPPA0	04-032	147	IO	XADD03	B3/F0	
A0ADD03	MMPA0	04-040	147	IO	XADD03	B4/F1	
A0ADD04	MSPPA0	04-032	048	IO	XADD04	B3/F0	
A0ADD04	MMPA0	04-040	048	IO	XADD04	B4/F1	
A0ADD05	MSPPA0	04-032	148	IO	XADD05	B3/F0	
A0ADD05	MMPA0	04-040	148	IO	XADD05	B4/F1	
A0ADD06	MSPPA0	04-032	049	IO	XADD06	B3/F0	
A0ADD06	MMPA0	04-040	049	IO	XADD06	B4/F1	
A0ADD07	MSPPA0	04-032	149	IO	XADD07	B3/F0	
A0ADD07	MMPA0	04-040	149	IO	XADD07	B4/F1	
A0ADD08	MSPPA0	04-032	050	IO	XADD08	B3/F0	
A0ADD08	MMPA0	04-040	050	IO	XADD08	B4/F1	
A0ADD09	MSPPA0	04-032	150	IO	XADD09	B3/F0	
A0ADD09	MMPA0	04-040	150	IO	XADD09	B4/F1	
A0ADD10	MSPPA0	04-032	051	IO	XADD10	B3/F0	
A0ADD10	MMPA0	04-040	051	IO	XADD10	B4/F1	
A0ADD11	MSPPA0	04-032	151	IO	XADD11	B3/F0	

2 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
A0ADD11	MMPA0	04-040	151	IO	XADD11	B4/F1	
A0ADD12	MSPPA0	04-032	052	IO	XADD12	B3/F0	
A0ADD12	MMPA0	04-040	052	IO	XADD12	B4/F1	
A0ADD13	MSPPA0	04-032	152	IO	XADD13	B3/F0	
A0ADD13	MMPA0	04-040	152	IO	XADD13	B4/F1	
A0ADD14	MSPPA0	04-032	053	IO	XADD14	B3/F0	
A0ADD14	MMPA0	04-040	053	IO	XADD14	B4/F1	
A0ADD15	MSPPA0	04-032	153	IO	XADD15	B3/F0	
A0ADD15	MMPA0	04-040	153	IO	XADD15	B4/F1	
A0ADD16	MSPPA0	04-032	054	IO	XADD16	B3/F0	
A0ADD16	MMPA0	04-040	054	IO	XADD16	B4/F1	
A0ADD17	MSPPA0	04-032	154	IO	XADD17	B3/F0	
A0ADD17	MMPA0	04-040	154	O	XADD17	B4/F1	
A0ADD18	MSPPA0	04-032	055	IO	XADD18	B3/F0	
A0ADD18	MMPA0	04-040	055	O	XADD18	B4/F1	
A0ADD19	MSPPA0	04-032	155	IO	XADD19	B3/F0	
A0ADD19	MMPA0	04-040	155	O	XADD19	B4/F1	
A0ADDPH	MSPPA0	04-032	255	IO	XADDPU	B3/F0	
A0ADDPH	MMPA0	04-040	255	IO	XADDPH	B4/F1	
A0ADDPL	MSPPA0	04-032	056	IO	XADDPL	B3/F0	
A0ADDPL	MMPA0	04-040	056	IO	XADDPL	B4/F1	
A0ADDPM	MSPPA0	04-032	156	IO	XADDPH	B3/F0	
A0ADDPM	MMPA0	04-040	156	IO	XADDPM	B4/F1	
A0ALWPG0	MSPPA0	04-032	020	O	XALWPGE0	B3/F0	
A0ALWPG0	MMPA0	04-040	020	I	XALWPGE0	B4/F1	
A0CLESR0	MSPPA0	04-032	133	O	XCLRESR0	B3/F0	
A0CLESR0	MMPA0	04-040	133	I	XCLRESR0	B4/F1	
A0CLK4MZ	MSPPA0	04-032	043	O	XCLK4HMZ	B3/F0	
A0CLK4MZ	MMPA0	04-040	043	I	XCLK4MHZ	B4/F1	
A0CLK86	MSPPA0	04-032	355	O	XCLK86	B3/F0	
A0CLK86	MMPA0	04-040	355	IO	NC	B4/F1	
A0CMINT0	MSPPA0	04-032	120	O	CMDINT10	B3/F0	
A0CMINT0	MMPA0	04-040	120	I	CMDINT10	B4/F1	
A0CNTWS0	MSPPA0	04-032	036	I	CONTWS0	B3/F0	
A0CNTWS0	MMPA0	04-040	036	IO	XCONTWS0	B4/F1	
A0CONWS0	MSPPA0	04-032	136	O	XDYRWAT0	B3/F0	
A0CONWS0	MMPA0	04-040	136	I	XDRYWAT0	B4/F1	
A0CSA0	MSPPA0	04-032	202	O	CSA0	B3/F0	
A0CSA0	04-086	04-086	016	O		B12/C5	*
A0CSWND0	MSPPA0	04-032	143	O	XCSWIND0	B3/F0	
A0CSWND0	MMPA0	04-040	143	I	XCSWIND0	B4/F1	
A0D86TR	MSPPA0	04-032	140	O	XD86T1R0	B3/F0	
A0D86TR	MMPA0	04-040	140	IO	NC	B4/F1	
A0DATA00	MSPPA0	04-032	246	I	BYDATA00	B3/F0	
A0DATA00	MMPA0	04-040	246	IO	XDATA00	B4/F1	
A0DATA01	MSPPA0	04-032	346	I	BYDATA01	B3/F0	
A0DATA01	MMPA0	04-040	346	IO	XDATA01	B4/F1	
A0DATA02	MSPPA0	04-032	247	I	BYDATA02	B3/F0	
A0DATA02	MMPA0	04-040	247	IO	XDATA02	B4/F1	
A0DATA03	MSPPA0	04-032	347	I	BYDATA03	B3/F0	
A0DATA03	MMPA0	04-040	347	IO	XDATA03	B4/F1	
A0DATA04	MSPPA0	04-032	248	I	BYDATA04	B3/F0	
A0DATA04	MMPA0	04-040	248	IO	XDATA04	B4/F1	
A0DATA05	MSPPA0	04-032	348	I	BYDATA05	B3/F0	
A0DATA05	MMPA0	04-040	348	IO	XDATA05	B4/F1	
A0DATA06	MSPPA0	04-032	249	I	BYDATA06	B3/F0	
A0DATA06	MMPA0	04-040	249	IO	XDATA06	B4/F1	
A0DATA07	MSPPA0	04-032	349	I	BYDATA07	B3/F0	
A0DATA07	MMPA0	04-040	349	IO	XDATA07	B4/F1	
A0DATPHI	MSPPA0	04-032	354	I	DATPARHI	B3/F0	
A0DATPHI	MMPA0	04-040	354	IO	NC	B4/F1	
A0DATPL	MSPPA0	04-032	254	I	DATPARLO	B3/F0	
A0DATPL	MMPA0	04-040	254	IO	XDATPL	B4/F1	
A0DLYDIR	MSPPA0	04-032	318	I	XDLYDIR0	B3/F0	

3 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
A0DLYDIR	MMPA0	04-040	318	IO	XDLYDIR0	B4/F1	
A0DRLRHW	MSPPA0	04-032	137	O	XDIRLRHW	B3/F0	
A0DRLRHW	MMPA0	04-040	137	I	XDIRLRHW	B4/F1	
A0EBYBT0	MSPPA0	04-032	134	I	ENBYBYT0	B3/F0	
A0EBYBT0	MMPA0	04-040	134	IO	XENBYBT0	B4/F1	
A0EHBYT0	MSPPA0	04-032	035	I	ENHIBYT0	B3/F0	
A0EHBYT0	MMPA0	04-040	035	IO	NC	B4/F1	
A0ELBYT0	MSPPA0	04-032	034	I	ENLOBYT0	B3/F0	
A0ELBYT0	MMPA0	04-040	034	O	XENLBYT0	B4/F1	
A0ERR0	MSPPA0	04-032	102	O	ERR0	B3/F0	
A0ERR0	04-086	04-086	007	O		B12/C5	*
A0FUNCN1	MSPPA0	04-032	122	O	XFUNCEN1	B3/F0	
A0FUNCN1	MMPA0	04-040	122	I	XFUNCN1	B4/F1	
A0HLDAK0	MSPPA0	04-032	139	O	XHLDACK0	B3/F0	
A0HLDAK0	MMPA0	04-040	139	I	XHLDACK0	B4/F1	
A0HLDRQ0	MSPPA0	04-032	039	I	XHLDREQ0	B3/F0	
A0HLDRQ0	MMPA0	04-040	039	O	XHLDREQ0	B4/F1	
A0INTAK0	MSPPA0	04-032	138	O	XINTACK0	B3/F0	
A0INTAK0	MMPA0	04-040	138	I	XINTACK0	B4/F1	
A0INTR0	MSPPA0	04-032	302	O	INTR0	B3/F0	
A0INTR0	04-093	04-093	022	O		B24/D3	*
A0INTRQ0	MSPPA0	04-032	038	I	XINTREQ0	B3/F0	
A0INTRQ0	MMPA0	04-040	038	O	XINTREQ0	B4/F1	
A0IORD0	MSPPA0	04-032	041	O	XIORD0	B3/F0	
A0IORD0	MMPA0	04-040	041	I	XIORD0	B4/F1	
A0IOWT0	MSPPA0	04-032	141	O	XIOWT0	B3/F0	
A0IOWT0	MMPA0	04-040	141	I	XIOWT0	B4/F1	
A0LATCH0	MSPPA0	04-032	135	O	XLATCH0	B3/F0	
A0LATCH0	MMPA0	04-040	135	I	XLATCH0	B4/F1	
A0ME1IO0	MSPPA0	04-032	040	O	XMEN1IO0	B3/F0	
A0ME1IO0	MMPA0	04-040	040	I	XMEM1IO0	B4/F1	
A0MEMRD0	MSPPA0	04-032	042	IO	XMEMRD	B3/F0	
A0MEMRD0	MMPA0	04-040	042	O	XMEMRD0	B4/F1	
A0MEMWT0	MSPPA0	04-032	142	IO	XMEMWT	B3/F0	
A0MEMWT0	MMPA0	04-040	142	O	XMEMWT0	B4/F1	
A0P1IN	MSPPA0	04-032	037	I	P1IN	B3/F0	
A0P1IN	MMPA0	04-040	037	G	GRD	B4/F1	
A0P2IN	MSPPA0	04-032	118	I	P2IN	B3/F0	
A0P2IN	MMPA0	04-040	118	IO	NC	B4/F1	
A0P3IN	MSPPA0	04-032	218	I	P3IN	B3/F0	
A0P3IN	MMPA0	04-040	218	G	GRD	B4/F1	
A0PARER0	MSPPA0	04-032	121	I	DAT2PE0	B3/F0	
A0PARER0	MMPA0	04-040	121	O	DAT2PE0	B4/F1	
A0PBHE0	MSPPA0	04-032	018	I	PBHE0	B3/F0	
A0PBHE0	MMPA0	04-040	018	O	PBHE0	B4/F1	
A0PCSEL0	MSPPA0	04-032	305	I	PCSEL0	B3/F0	
A0PCSEL0	04-087	04-087	003	I		B12/C8	*
A0PMPCS0	MSPPA0	04-032	119	I	PUMPCS0	B3/F0	
A0PMPCS0	MMPA0	04-040	119	IO	NC	B4/F1	
A0PWRST0	MSPPA0	04-032	022	O	XPWRRST0	B3/F0	

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

Lucent Technologies | SD-5D078-01 | SHEET A5

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
A0PWRST0	MMPA0		04-040	022	I	XPWRRST0	B4/F1	
A0RASOK1	MSPPA0		04-032	019	I	RA5OK1	B3/F0	
A0RASOK1	MMPA0		04-040	019	IO	NC	B4/F1	
A0SR0	MSPPA0		04-032	002	O	SR0	B3/F0	
A0SR0	04-087		04-087	022	I		B12/C8	*
A0TVLPB	MSPPA0		04-032	216	IO	NC	B3/F0	
A0TVLPB	MSPPA0		04-032	316	IO	NC	B3/F0	
A0TVLPD	MSPPA0		04-032	214	IO	NC	B3/F0	
A0TVLPD	MSPPA0		04-032	314	IO	NC	B3/F0	
A0WDAT08	MSPPA0		04-032	250	I	WDDATA08	B3/F0	
A0WDAT08	MMPA0		04-040	250	IO	NC	B4/F1	
A0WDAT09	MSPPA0		04-032	350	I	WDDATA09	B3/F0	
A0WDAT09	MMPA0		04-040	350	IO	NC	B4/F1	
A0WDAT10	MSPPA0		04-032	251	I	WDDATA10	B3/F0	
A0WDAT10	MMPA0		04-040	251	IO	NC	B4/F1	
A0WDAT11	MSPPA0		04-032	351	I	WDDATA11	B3/F0	
A0WDAT11	MMPA0		04-040	351	IO	NC	B4/F1	
A0WDAT12	MSPPA0		04-032	252	I	WDDATA12	B3/F0	
A0WDAT12	MMPA0		04-040	252	IO	NC	B4/F1	
A0WDAT13	MSPPA0		04-032	352	I	WDDATA13	B3/F0	
A0WDAT13	MMPA0		04-040	352	IO	NC	B4/F1	
A0WDAT14	MSPPA0		04-032	253	I	WDDATA14	B3/F0	
A0WDAT14	MMPA0		04-040	253	IO	NC	B4/F1	
A0WDAT15	MSPPA0		04-032	353	I	WDDATA15	B3/F0	
A0WDAT15	MMPA0		04-040	353	IO	NC	B4/F1	
A110INT0	MSPPA1		04-048	033	O	X10MSINT	B5/F0	
A110INT0	MMPA1		04-056	033	I	X10MINT0	B6/F1	
A1AD2PE0	MSPPA1		04-048	021	I	ADD2PE0	B5/F0	
A1AD2PE0	MMPA1		04-056	021	IO	ADD2PE0	B6/F1	
A1ADD00	MSPPA1		04-048	046	IO	XADD00	B5/F0	
A1ADD00	MMPA1		04-056	046	IO	XADD00	B6/F1	
A1ADD01	MSPPA1		04-048	146	IO	XADD01	B5/F0	
A1ADD01	MMPA1		04-056	146	IO	XADD01	B6/F1	
A1ADD02	MSPPA1		04-048	047	IO	XADD02	B5/F0	
A1ADD02	MMPA1		04-056	047	IO	XADD02	B6/F1	
A1ADD03	MSPPA1		04-048	147	IO	XADD03	B5/F0	
A1ADD03	MMPA1		04-056	147	IO	XADD03	B6/F1	
A1ADD04	MSPPA1		04-048	048	IO	XADD04	B5/F0	
A1ADD04	MMPA1		04-056	048	IO	XADD04	B6/F1	
A1ADD05	MSPPA1		04-048	148	IO	XADD05	B5/F0	
A1ADD05	MMPA1		04-056	148	IO	XADD05	B6/F1	
A1ADD06	MSPPA1		04-048	049	IO	XADD06	B5/F0	
A1ADD06	MMPA1		04-056	049	IO	XADD06	B6/F1	
A1ADD07	MSPPA1		04-048	149	IO	XADD07	B5/F0	
A1ADD07	MMPA1		04-056	149	IO	XADD07	B6/F1	
A1ADD08	MSPPA1		04-048	050	IO	XADD08	B5/F0	
A1ADD08	MMPA1		04-056	050	IO	XADD08	B6/F1	
A1ADD09	MSPPA1		04-048	150	IO	XADD09	B5/F0	
A1ADD09	MMPA1		04-056	150	IO	XADD09	B6/F1	
A1ADD10	MSPPA1		04-048	051	IO	XADD10	B5/F0	
A1ADD10	MMPA1		04-056	051	IO	XADD10	B6/F1	
A1ADD11	MSPPA1		04-048	151	IO	XADD11	B5/F0	
A1ADD11	MMPA1		04-056	151	IO	XADD11	B6/F1	
A1ADD12	MSPPA1		04-048	052	IO	XADD12	B5/F0	
A1ADD12	MMPA1		04-056	052	IO	XADD12	B6/F1	
A1ADD13	MSPPA1		04-048	152	IO	XADD13	B5/F0	
A1ADD13	MMPA1		04-056	152	IO	XADD13	B6/F1	
A1ADD14	MSPPA1		04-048	053	IO	XADD14	B5/F0	
A1ADD14	MMPA1		04-056	053	IO	XADD14	B6/F1	
A1ADD15	MSPPA1		04-048	153	IO	XADD15	B5/F0	
A1ADD15	MMPA1		04-056	153	IO	XADD15	B6/F1	
A1ADD16	MSPPA1		04-048	054	IO	XADD16	B5/F0	
A1ADD16	MMPA1		04-056	054	IO	XADD16	B6/F1	
A1ADD17	MSPPA1		04-048	154	IO	XADD17	B5/F0	

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
A1ADD17	MMPA1		04-056	154	O	XADD17	B6/F1	
A1ADD18	MSPPA1		04-048	055	IO	XADD18	B5/F0	
A1ADD18	MMPA1		04-056	055	O	XADD18	B6/F1	
A1ADD19	MSPPA1		04-048	155	IO	XADD19	B5/F0	
A1ADD19	MMPA1		04-056	155	O	XADD19	B6/F1	
A1ADDPH	MSPPA1		04-048	255	IO	XADDPU	B5/F0	
A1ADDPH	MMPA1		04-056	255	IO	XADDPH	B6/F1	
A1ADDPL	MSPPA1		04-048	056	IO	XADDPL	B5/F0	
A1ADDPL	MMPA1		04-056	056	IO	XADDPL	B6/F1	
A1ADDPM	MSPPA1		04-048	156	IO	XADDPH	B5/F0	
A1ADDPM	MMPA1		04-056	156	IO	XADDPM	B6/F1	
A1ALWPG0	MSPPA1		04-048	020	O	XALWPGE0	B5/F0	
A1ALWPG0	MMPA1		04-056	020	I	XALWPGE0	B6/F1	
A1CLESR0	MSPPA1		04-048	133	O	XCLRESR0	B5/F0	
A1CLESR0	MMPA1		04-056	133	I	XCLRESR0	B6/F1	
A1CLK4MZ	MSPPA1		04-048	043	O	XCLK4HMZ	B5/F0	
A1CLK4MZ	MMPA1		04-056	043	I	XCLK4MHZ	B6/F1	
A1CLK86	MSPPA1		04-048	355	O	XCLK86	B5/F0	
A1CLK86	MMPA1		04-056	355	IO	NC	B6/F1	
A1CMINT0	MSPPA1		04-048	120	O	CMDINT10	B5/F0	
A1CMINT0	MMPA1		04-056	120	I	CMDINT10	B6/F1	
A1CNTWS0	MSPPA1		04-048	036	I	CONTWS0	B5/F0	
A1CNTWS0	MMPA1		04-056	036	IO	XCONTWS0	B6/F1	
A1CONWS0	MSPPA1		04-048	136	O	XDYRWAT0	B5/F0	
A1CONWS0	MMPA1		04-056	136	I	XDRYWAT0	B6/F1	
A1CSA0	MSPPA1		04-048	202	O	CSA0	B5/F0	
A1CSA0	04-086		04-086	017	O		B12/C5	*
A1CSWND0	MSPPA1		04-048	143	O	XCSWIND0	B5/F0	
A1CSWND0	MMPA1		04-056	143	I	XCSWIND0	B6/F1	
A1D86TR	MSPPA1		04-048	140	O	XD86T1R0	B5/F0	
A1D86TR	MMPA1		04-056	140	IO	NC	B6/F1	
A1DATA00	MSPPA1		04-048	246	I	BYDATA00	B5/F0	
A1DATA00	MMPA1		04-056	246	IO	XDATA00	B6/F1	
A1DATA01	MSPPA1		04-048	346	I	BYDATA01	B5/F0	
A1DATA01	MMPA1		04-056	346	IO	XDATA01	B6/F1	
A1DATA02	MSPPA1		04-048	247	I	BYDATA02	B5/F0	
A1DATA02	MMPA1		04-056	247	IO	XDATA02	B6/F1	
A1DATA03	MSPPA1		04-048	347	I	BYDATA03	B5/F0	
A1DATA03	MMPA1		04-056	347	IO	XDATA03	B6/F1	
A1DATA04	MSPPA1		04-048	248	I	BYDATA04	B5/F0	
A1DATA04	MMPA1		04-056	248	IO	XDATA04	B6/F1	
A1DATA05	MSPPA1		04-048	348	I	BYDATA05	B5/F0	
A1DATA05	MMPA1		04-056	348	IO	XDATA05	B6/F1	
A1DATA06	MSPPA1		04-048	249	I	BYDATA06	B5/F0	
A1DATA06	MMPA1		04-056	249	IO	XDATA06	B6/F1	
A1DATA07	MSPPA1		04-048	349	I	BYDATA07	B5/F0	
A1DATA07	MMPA1		04-056	349	IO	XDATA07	B6/F1	
A1DATPHI	MSPPA1		04-048	354	I	DATPARHI	B5/F0	
A1DATPHI	MMPA1		04-056	354	IO	NC	B6/F1	
A1DATPL	MSPPA1		04-048	254	I	DATPARLO	B5/F0	
A1DATPL	MMPA1		04-056	254	IO	XDATPL	B6/F1	
A1DLYDIR	MSPPA1		04-048	318	I	XDLYDIR0	B5/F0	
A1DLYDIR	MMPA1		04-056	318	IO	XDLYDIR0	B6/F1	
A1DRLRHW	MSPPA1		04-048	137	O	XDIRLRHW	B5/F0	
A1DRLRHW	MMPA1		04-056	137	I	XDIRLRHW	B6/F1	
A1EBYBT0	MSPPA1		04-048	134	I	ENBYBYT0	B5/F0	
A1EBYBT0	MMPA1		04-056	134	IO	XENBYBT0	B6/F1	
A1EHBYT0	MSPPA1		04-048	035	I	ENHIBYT0	B5/F0	
A1EHBYT0	MMPA1		04-056	035	IO	NC	B6/F1	
A1ELBYT0	MSPPA1		04-048	034	I	ENLOBYT0	B5/F0	
A1ELBYT0	MMPA1		04-056	034	O	XENLBYT0	B6/F1	
A1ERR0	MSPPA1		04-048	102	O	ERR0	B5/F0	
A1ERR0	04-086		04-086	008	O		B12/C5	*
A1FUNCN1	MSPPA1		04-048	122	O	XFUNCEN1	B5/F0	

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
A1FUNCN1	MMPA1		04-056	122	I	XFUNCN1	B6/F1	
A1HLDAK0	MSPPA1		04-048	139	O	XHLDACK0	B5/F0	
A1HLDAK0	MMPA1		04-056	139	I	XHLDACK0	B6/F1	
A1HLDRQ0	MSPPA1		04-048	039	I	XHLDREQ0	B5/F0	
A1HLDRQ0	MMPA1		04-056	039	O	XHLDREQ0	B6/F1	
A1INTAK0	MSPPA1		04-048	138	O	XINTACK0	B5/F0	
A1INTAK0	MMPA1		04-056	138	I	XINTACK0	B6/F1	
A1INTR0	MSPPA1		04-048	302	O	INTR0	B5/F0	
A1INTR0	04-092		04-092	022	O		B24/D1	*
A1INTRQ0	MSPPA1		04-048	038	I	XINTREQ0	B5/F0	
A1INTRQ0	MMPA1		04-056	038	O	XINTREQ0	B6/F1	
A1IORD0	MSPPA1		04-048	041	O	XIORD0	B5/F0	
A1IORD0	MMPA1		04-056	041	I	XIORD0	B6/F1	
A1IOWT0	MSPPA1		04-048	141	O	XIOWT0	B5/F0	
A1IOWT0	MMPA1		04-056	141	I	XIOWT0	B6/F1	
A1LATCH0	MSPPA1		04-048	135	O	XLATCH0	B5/F0	
A1LATCH0	MMPA1		04-056	135	I	XLATCH0	B6/F1	
A1ME1IO0	MSPPA1		04-048	040	O	XMEN1IO0	B5/F0	
A1ME1IO0	MMPA1		04-056	040	I	XMEM1IO0	B6/F1	
A1MEMRD0	MSPPA1		04-048	042	IO	XMEMRD	B5/F0	
A1MEMRD0	MMPA1		04-056	042	O	XMEMRD0	B6/F1	
A1MEMWT0	MSPPA1		04-048	142	IO	XMEMWT	B5/F0	
A1MEMWT0	MMPA1		04-056	142	O	XMEMWT0	B6/F1	
A1P1IN	MSPPA1		04-048	037	I	P1IN	B5/F0	
A1P1IN	MMPA1		04-056	037	G	GRD	B6/F1	
A1P2IN	MSPPA1		04-048	118	I	P2IN	B5/F0	
A1P2IN	MMPA1		04-056	118	IO	NC	B6/F1	
A1P3IN	MSPPA1		04-048	218	I	P3IN	B5/F0	
A1P3IN	MMPA1		04-056	218	G	GRD	B6/F1	
A1PARER0	MSPPA1		04-048	121	I	DAT2PE0	B5/F0	
A1PARER0	MMPA1		04-056	121	O	DAT2PE0	B6/F1	
A1PBHE0	MSPPA1		04-048	018	I	PBHE0	B5/F0	
A1PBHE0	MMPA1		04-056	018	O	PBHE0	B6/F1	
A1PCSEL0	MSPPA1		04-048	305	I	PCSEL0	B5/F0	
A1PCSEL0	04-087		04-087	004	O		B12/C8	*
A1PMPCS0	MSPPA1		04-048	119	I	PUMPCS0	B5/F0	
A1PMPCS0	MMPA1		04-056	119	IO	NC	B6/F1	
A1PWRST0	MSPPA1		04-048	022	O	XPWRRST0	B5/F0	
A1PWRST0	MMPA1		04-056	022	I	XPWRRST0	B6/F1	
A1RASOK1	MSPPA1		04-048	019	I	RA5OK1	B5/F0	
A1RASOK1	MMPA1		04-056	019	IO	NC	B6/F1	
A1SR0	MSPPA1		04-048	002	O	SR0	B5/F0	
A1SR0	04-086		04-086	022	O		B12/C5	*
A1TVLPB	MSPPA1		04-048	216	IO	NC	B5/F0	
A1TVLPB	MSPPA1		04-048	316	IO	NC	B5/F0	
A1TVLPD	MSPPA1		04-048	214	IO	NC	B5/F0	
A1TVLPD	MSPPA1		04-048	314	IO	NC	B5/F0	
A1WDAT08	MSPPA1		04-048	250	I	WDDATA08	B5/F0	
A1WDAT08	MMPA1		04-056	250	IO	NC	B6/F1	
A1WDAT09	MSPPA1		04-048	350	I	WDDATA09	B5/F0	

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DWG SIZE	ISSUE
C2	6M

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LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT
A1WDAT09	MMPA1	04-056	350	IO NC	B6/F1	
A1WDAT10	MSPPA1	04-048	251	I WDDATA10	B5/F0	
A1WDAT10	MMPA1	04-056	251	IO NC	B6/F1	
A1WDAT11	MSPPA1	04-048	351	I WDDATA11	B5/F0	
A1WDAT11	MMPA1	04-056	351	IO NC	B6/F1	
A1WDAT12	MSPPA1	04-048	252	I WDDATA12	B5/F0	
A1WDAT12	MMPA1	04-056	252	IO NC	B6/F1	
A1WDAT13	MSPPA1	04-048	352	I WDDATA13	B5/F0	
A1WDAT13	MMPA1	04-056	352	IO NC	B6/F1	
A1WDAT14	MSPPA1	04-048	253	I WDDATA14	B5/F0	
A1WDAT14	MMPA1	04-056	253	IO NC	B6/F1	
A1WDAT15	MSPPA1	04-048	353	I WDDATA15	B5/F0	
A1WDAT15	MMPA1	04-056	353	IO NC	B6/F1	
A210INT0	MSPPA2	04-064	033	O X10MSINT	B7/F0	
A210INT0	MMPA2	04-072	033	I X10MINT0	B8/F1	
A2AD2PE0	MSPPA2	04-064	021	I ADD2PE0	B7/F0	
A2AD2PE0	MMPA2	04-072	021	IO ADD2PE0	B8/F1	
A2ADD00	MSPPA2	04-064	046	IO XADD00	B7/F0	
A2ADD00	MMPA2	04-072	046	IO XADD00	B8/F1	
A2ADD01	MSPPA2	04-064	146	IO XADD01	B7/F0	
A2ADD01	MMPA2	04-072	146	IO XADD01	B8/F1	
A2ADD02	MSPPA2	04-064	047	IO XADD02	B7/F0	
A2ADD02	MMPA2	04-072	047	IO XADD02	B8/F1	
A2ADD03	MSPPA2	04-064	147	IO XADD03	B7/F0	
A2ADD03	MMPA2	04-072	147	IO XADD03	B8/F1	
A2ADD04	MSPPA2	04-064	048	IO XADD04	B7/F0	
A2ADD04	MMPA2	04-072	048	IO XADD04	B8/F1	
A2ADD05	MSPPA2	04-064	148	IO XADD05	B7/F0	
A2ADD05	MMPA2	04-072	148	IO XADD05	B8/F1	
A2ADD06	MSPPA2	04-064	049	IO XADD06	B7/F0	
A2ADD06	MMPA2	04-072	049	IO XADD06	B8/F1	
A2ADD07	MSPPA2	04-064	149	IO XADD07	B7/F0	
A2ADD07	MMPA2	04-072	149	IO XADD07	B8/F1	
A2ADD08	MSPPA2	04-064	050	IO XADD08	B7/F0	
A2ADD08	MMPA2	04-072	050	IO XADD08	B8/F1	
A2ADD09	MSPPA2	04-064	150	IO XADD09	B7/F0	
A2ADD09	MMPA2	04-072	150	IO XADD09	B8/F1	
A2ADD10	MSPPA2	04-064	051	IO XADD10	B7/F0	
A2ADD10	MMPA2	04-072	051	IO XADD10	B8/F1	
A2ADD11	MSPPA2	04-064	151	IO XADD11	B7/F0	
A2ADD11	MMPA2	04-072	151	IO XADD11	B8/F1	
A2ADD12	MSPPA2	04-064	052	IO XADD12	B7/F0	
A2ADD12	MMPA2	04-072	052	IO XADD12	B8/F1	
A2ADD13	MSPPA2	04-064	152	IO XADD13	B7/F0	
A2ADD13	MMPA2	04-072	152	IO XADD13	B8/F1	
A2ADD14	MSPPA2	04-064	053	IO XADD14	B7/F0	
A2ADD14	MMPA2	04-072	053	IO XADD14	B8/F1	
A2ADD15	MSPPA2	04-064	153	IO XADD15	B7/F0	
A2ADD15	MMPA2	04-072	153	IO XADD15	B8/F1	
A2ADD16	MSPPA2	04-064	054	IO XADD16	B7/F0	
A2ADD16	MMPA2	04-072	054	IO XADD16	B8/F1	
A2ADD17	MSPPA2	04-064	154	IO XADD17	B7/F0	
A2ADD17	MMPA2	04-072	154	O XADD17	B8/F1	
A2ADD18	MSPPA2	04-064	055	IO XADD18	B7/F0	
A2ADD18	MMPA2	04-072	055	O XADD18	B8/F1	
A2ADD19	MSPPA2	04-064	155	IO XADD19	B7/F0	
A2ADD19	MMPA2	04-072	155	O XADD19	B8/F1	
A2ADDPH	MSPPA2	04-064	255	IO XADDPU	B7/F0	
A2ADDPH	MMPA2	04-072	255	IO XADDPH	B8/F1	
A2ADDPL	MSPPA2	04-064	056	IO XADDPL	B7/F0	
A2ADDPL	MMPA2	04-072	056	IO XADDPL	B8/F1	
A2ADDPM	MSPPA2	04-064	156	IO XADDPH	B7/F0	
A2ADDPM	MMPA2	04-072	156	IO XADDPM	B8/F1	
A2ALWPG0	MSPPA2	04-064	020	O XALWPGE0	B7/F0	

LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT
A2ALWPG0	MMPA2	04-072	020	I XALWPGE0	B8/F1	
A2CLESR0	MSPPA2	04-064	133	O XCLRESR0	B7/F0	
A2CLESR0	MMPA2	04-072	133	I XCLRESR0	B8/F1	
A2CLK4MZ	MSPPA2	04-064	043	O XCLK4HMZ	B7/F0	
A2CLK4MZ	MMPA2	04-072	043	I XCLK4MHZ	B8/F1	
A2CLK86	MSPPA2	04-064	355	O XCLK86	B7/F0	
A2CLK86	MMPA2	04-072	355	IO NC	B8/F1	
A2CMINT0	MSPPA2	04-064	120	O CMDINT10	B7/F0	
A2CMINT0	MMPA2	04-072	120	I CMDINT10	B8/F1	
A2CNTWS0	MSPPA2	04-064	036	I CONTWS0	B7/F0	
A2CNTWS0	MMPA2	04-072	036	IO XCONTWS0	B8/F1	
A2CONWS0	MSPPA2	04-064	136	O XDYRWAT0	B7/F0	
A2CONWS0	MMPA2	04-072	136	I XDRYWAT0	B8/F1	
A2CSA0	MSPPA2	04-064	202	O CSA0	B7/F0	
A2CSA0	04-086	04-086	018	O	B12/C5	*
A2CSWND0	MSPPA2	04-064	143	O XCSWIND0	B7/F0	
A2CSWND0	MMPA2	04-072	143	I XCSWIND0	B8/F1	
A2D86TR	MSPPA2	04-064	140	O XD86T1R0	B7/F0	
A2D86TR	MMPA2	04-072	140	IO NC	B8/F1	
A2DATA00	MSPPA2	04-064	246	I BYDATA00	B7/F0	
A2DATA00	MMPA2	04-072	246	IO XDATA00	B8/F1	
A2DATA01	MSPPA2	04-064	346	I BYDATA01	B7/F0	
A2DATA01	MMPA2	04-072	346	IO XDATA01	B8/F1	
A2DATA02	MSPPA2	04-064	247	I BYDATA02	B7/F0	
A2DATA02	MMPA2	04-072	247	IO XDATA02	B8/F1	
A2DATA03	MSPPA2	04-064	347	I BYDATA03	B7/F0	
A2DATA03	MMPA2	04-072	347	IO XDATA03	B8/F1	
A2DATA04	MSPPA2	04-064	248	I BYDATA04	B7/F0	
A2DATA04	MMPA2	04-072	248	IO XDATA04	B8/F1	
A2DATA05	MSPPA2	04-064	348	I BYDATA05	B7/F0	
A2DATA05	MMPA2	04-072	348	IO XDATA05	B8/F1	
A2DATA06	MSPPA2	04-064	249	I BYDATA06	B7/F0	
A2DATA06	MMPA2	04-072	249	IO XDATA06	B8/F1	
A2DATA07	MSPPA2	04-064	349	I BYDATA07	B7/F0	
A2DATA07	MMPA2	04-072	349	IO XDATA07	B8/F1	
A2DATPHI	MSPPA2	04-064	354	I DATPARHI	B7/F0	
A2DATPHI	MMPA2	04-072	354	IO NC	B8/F1	
A2DATPL	MSPPA2	04-064	254	I DATPARLO	B7/F0	
A2DATPL	MMPA2	04-072	254	IO XDATPL	B8/F1	
A2DLYDIR	MSPPA2	04-064	318	I XDLYDIR0	B7/F0	
A2DLYDIR	MMPA2	04-072	318	IO XDLYDIR0	B8/F1	
A2DRLRHW	MSPPA2	04-064	137	O XDIRLRHW	B7/F0	
A2DRLRHW	MMPA2	04-072	137	I XDIRLRHW	B8/F1	
A2EBYBT0	MSPPA2	04-064	134	I ENBYBYT0	B7/F0	
A2EBYBT0	MMPA2	04-072	134	IO XENBYBT0	B8/F1	
A2EHBYT0	MSPPA2	04-064	035	I ENHIBYT0	B7/F0	
A2EHBYT0	MMPA2	04-072	035	IO NC	B8/F1	
A2ELBYT0	MSPPA2	04-064	034	I ENLOBYT0	B7/F0	
A2ELBYT0	MMPA2	04-072	034	O XENLBYT0	B8/F1	
A2ERR0	MSPPA2	04-064	102	O ERR0	B7/F0	
A2ERR0	04-086	04-086	009	O	B12/C5	*
A2FUNCN1	MSPPA2	04-064	122	O XFUNCEN1	B7/F0	
A2FUNCN1	MMPA2	04-072	122	I XFUNCN1	B8/F1	
A2HLDAK0	MSPPA2	04-064	139	O XHLDACK0	B7/F0	
A2HLDAK0	MMPA2	04-072	139	I XHLDACK0	B8/F1	
A2HLDRQ0	MSPPA2	04-064	039	I XHLDREQ0	B7/F0	
A2HLDRQ0	MMPA2	04-072	039	O XHLDREQ0	B8/F1	
A2INTAK0	MSPPA2	04-064	138	O XINTACK0	B7/F0	
A2INTAK0	MMPA2	04-072	138	I XINTACK0	B8/F1	
A2INTR0	MSPPA2	04-064	302	O INTR0	B7/F0	
A2INTR0	04-093	04-093	023	O	B24/D3	*
A2INTRQ0	MSPPA2	04-064	038	I XINTREQ0	B7/F0	
A2INTRQ0	MMPA2	04-072	038	O XINTREQ0	B8/F1	
A2IORD0	MSPPA2	04-064	041	O XIORD0	B7/F0	

LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT
A2IORD0	MMPA2	04-072	041	I XIORD0	B8/F1	
A2IOWT0	MSPPA2	04-064	141	O XIOWT0	B7/F0	
A2IOWT0	MMPA2	04-072	141	I XIOWT0	B8/F1	
A2LATCH0	MSPPA2	04-064	135	O XLATCH0	B7/F0	
A2LATCH0	MMPA2	04-072	135	I XLATCH0	B8/F1	
A2ME1IO0	MSPPA2	04-064	040	O XMEN1IO0	B7/F0	
A2ME1IO0	MMPA2	04-072	040	I XMEM1IO0	B8/F1	
A2MEMRD0	MSPPA2	04-064	042	IO XMEMRD	B7/F0	
A2MEMRD0	MMPA2	04-072	042	O XMEMRD0	B8/F1	
A2MEMWT0	MSPPA2	04-064	142	IO XMEMWT	B7/F0	
A2MEMWT0	MMPA2	04-072	142	O XMEMWT0	B8/F1	
A2P1IN	MSPPA2	04-064	037	I P1IN	B7/F0	
A2P1IN	MMPA2	04-072	037	G GRD	B8/F1	
A2P2IN	MSPPA2	04-064	118	I P2IN	B7/F0	
A2P2IN	MMPA2	04-072	118	IO NC	B8/F1	
A2P3IN	MSPPA2	04-064	218	I P3IN	B7/F0	
A2P3IN	MMPA2	04-072	218	G GRD	B8/F1	
A2PARER0	MSPPA2	04-064	121	I DAT2PE0	B7/F0	
A2PARER0	MMPA2	04-072	121	O DAT2PE0	B8/F1	
A2PBHE0	MSPPA2	04-064	018	I PBHE0	B7/F0	
A2PBHE0	MMPA2	04-072	018	O PBHE0	B8/F1	
A2PCSEL0	MSPPA2	04-064	305	I PCSEL0	B7/F0	
A2PCSEL0	04-087	04-087	005	I	B12/C8	*
A2PMPCS0	MSPPA2	04-064	119	I PUMPCS0	B7/F0	
A2PMPCS0	MMPA2	04-072	119	IO NC	B8/F1	
A2PWRST0	MSPPA2	04-064	022	O XPWRRST0	B7/F0	
A2PWRST0	MMPA2	04-072	022	I XPWRRST0	B8/F1	
A2RASOK1	MSPPA2	04-064	019	I RA5OK1	B7/F0	
A2RASOK1	MMPA2	04-072	019	IO NC	B8/F1	
A2SR0	MSPPA2	04-064	002	O SR0	B7/F0	
A2SR0	04-087	04-087	023	I	B12/C8	*
A2TVLPB	MSPPA2	04-064	216	IO NC	B7/F0	
A2TVLPB	MSPPA2	04-064	316	IO NC	B7/F0	
A2TVLPD	MSPPA2	04-064	214	IO NC	B7/F0	
A2TVLPD	MSPPA2	04-064	314	IO NC	B7/F0	
A2WDAT08	MSPPA2	04-064	250	I WDDATA08	B7/F0	
A2WDAT08	MMPA2	04-072	250	IO NC	B8/F1	
A2WDAT09	MSPPA2	04-064	350	I WDDATA09	B7/F0	
A2WDAT09	MMPA2	04-072	350	IO NC	B8/F1	
A2WDAT10	MSPPA2	04-064	251	I WDDATA10	B7/F0	
A2WDAT10	MMPA2	04-072	251	IO NC	B8/F1	
A2WDAT11	MSPPA2	04-064	351	I WDDATA11	B7/F0	
A2WDAT11	MMPA2	04-072	351	IO NC	B8/F1	
A2WDAT12	MSPPA2	04-064	252	I WDDATA12	B7/F0	
A2WDAT12	MMPA2	04-072	252	IO NC	B8/F1	
A2WDAT13	MSPPA2	04-064	352	I WDDATA13	B7/F0	
A2WDAT13	MMPA2	04-072	352	IO NC	B8/F1	
A2WDAT14	MSPPA2	04-064	253	I WDDATA14	B7/F0	
A2WDAT14	MMPA2	04-072	253	IO NC	B8/F1	
A2WDAT15	MSPPA2	04-064	353	I WDDATA15	B7/F0	

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DWG SIZE	ISSUE
C2	6M

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LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
A2WDAT15	MMPA2		04-072	353	IO	NC	B8/F1	
A310INT0	MSPPA3		04-080	033	O	X10MSINT	B9/F0	
A310INT0	MMPA3		04-088	033	I	X10MINT0	B10/F0	
A3AD2PE0	MSPPA3		04-080	021	I	ADD2PE0	B9/F0	
A3AD2PE0	MMPA3		04-088	021	IO	ADD2PE0	B10/F0	
A3ADD00	MSPPA3		04-080	046	IO	XADD00	B9/F0	
A3ADD00	MMPA3		04-088	046	IO	XADD00	B10/F0	
A3ADD01	MSPPA3		04-080	146	IO	XADD01	B9/F0	
A3ADD01	MMPA3		04-088	146	IO	XADD01	B10/F0	
A3ADD02	MSPPA3		04-080	047	IO	XADD02	B9/F0	
A3ADD02	MMPA3		04-088	047	IO	XADD02	B10/F0	
A3ADD03	MSPPA3		04-080	147	IO	XADD03	B9/F0	
A3ADD03	MMPA3		04-088	147	IO	XADD03	B10/F0	
A3ADD04	MSPPA3		04-080	048	IO	XADD04	B9/F0	
A3ADD04	MMPA3		04-088	048	IO	XADD04	B10/F0	
A3ADD05	MSPPA3		04-080	148	IO	XADD05	B9/F0	
A3ADD05	MMPA3		04-088	148	IO	XADD05	B10/F0	
A3ADD06	MSPPA3		04-080	049	IO	XADD06	B9/F0	
A3ADD06	MMPA3		04-088	049	IO	XADD06	B10/F0	
A3ADD07	MSPPA3		04-080	149	IO	XADD07	B9/F0	
A3ADD07	MMPA3		04-088	149	IO	XADD07	B10/F0	
A3ADD08	MSPPA3		04-080	050	IO	XADD08	B9/F0	
A3ADD08	MMPA3		04-088	050	IO	XADD08	B10/F0	
A3ADD09	MSPPA3		04-080	150	IO	XADD09	B9/F0	
A3ADD09	MMPA3		04-088	150	IO	XADD09	B10/F0	
A3ADD10	MSPPA3		04-080	051	IO	XADD10	B9/F0	
A3ADD10	MMPA3		04-088	051	IO	XADD10	B10/F0	
A3ADD11	MSPPA3		04-080	151	IO	XADD11	B9/F0	
A3ADD11	MMPA3		04-088	151	IO	XADD11	B10/F0	
A3ADD12	MSPPA3		04-080	052	IO	XADD12	B9/F0	
A3ADD12	MMPA3		04-088	052	IO	XADD12	B10/F0	
A3ADD13	MSPPA3		04-080	152	IO	XADD13	B9/F0	
A3ADD13	MMPA3		04-088	152	IO	XADD13	B10/F0	
A3ADD14	MSPPA3		04-080	053	IO	XADD14	B9/F0	
A3ADD14	MMPA3		04-088	053	IO	XADD14	B10/F0	
A3ADD15	MSPPA3		04-080	153	IO	XADD15	B9/F0	
A3ADD15	MMPA3		04-088	153	IO	XADD15	B10/F0	
A3ADD16	MSPPA3		04-080	054	IO	XADD16	B9/F0	
A3ADD16	MMPA3		04-088	054	IO	XADD16	B10/F0	
A3ADD17	MSPPA3		04-080	154	IO	XADD17	B9/F0	
A3ADD17	MMPA3		04-088	154	O	XADD17	B10/F0	
A3ADD18	MSPPA3		04-080	055	IO	XADD18	B9/F0	
A3ADD18	MMPA3		04-088	055	O	XADD18	B10/F0	
A3ADD19	MSPPA3		04-080	155	IO	XADD19	B9/F0	
A3ADD19	MMPA3		04-088	155	O	XADD19	B10/F0	
A3ADDPH	MSPPA3		04-080	255	IO	XADDPU	B9/F0	
A3ADDPH	MMPA3		04-088	255	IO	XADDPH	B10/F0	
A3ADDPL	MSPPA3		04-080	056	IO	XADDPL	B9/F0	
A3ADDPL	MMPA3		04-088	056	IO	XADDPL	B10/F0	
A3ADDPM	MSPPA3		04-080	156	IO	XADDPH	B9/F0	
A3ADDPM	MMPA3		04-088	156	IO	XADDPM	B10/F0	
A3ALWPG0	MSPPA3		04-080	020	O	XALWPGE0	B9/F0	
A3ALWPG0	MMPA3		04-088	020	I	XALWPGE0	B10/F0	
A3CLESR0	MSPPA3		04-080	133	O	XCLRESR0	B9/F0	
A3CLESR0	MMPA3		04-088	133	I	XCLRESR0	B10/F0	
A3CLK4M2	MSPPA3		04-080	043	O	XCLK4HM2	B9/F0	
A3CLK4M2	MMPA3		04-088	043	I	XCLK4MH2	B10/F0	
A3CLK86	MSPPA3		04-080	355	O	XCLK86	B9/F0	
A3CLK86	MMPA3		04-088	355	IO	NC	B10/F0	
A3CMINT0	MSPPA3		04-080	120	O	CMDINT10	B9/F0	
A3CMINT0	MMPA3		04-088	120	I	CMDINT10	B10/F0	
A3CNTWS0	MSPPA3		04-080	036	I	CONTWS0	B9/F0	
A3CNTWS0	MMPA3		04-088	036	IO	XCONTWS0	B10/F0	
A3CONWS0	MSPPA3		04-080	136	O	XDYRWAT0	B9/F0	

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
A3CONWS0	MMPA3		04-088	136	I	XDRYWAT0	B10/F0	
A3CSA0	MSPPA3		04-080	202	O	CSA0	B9/F0	
A3CSA0	04-086		04-086	019	O		B12/C5	*
A3CSWND0	MSPPA3		04-080	143	O	XCSWIND0	B9/F0	
A3CSWND0	MMPA3		04-088	143	I	XCSWIND0	B10/F0	
A3D86TR	MSPPA3		04-080	140	O	XD86T1R0	B9/F0	
A3D86TR	MMPA3		04-088	140	IO	NC	B10/F0	
A3DATA00	MSPPA3		04-080	246	I	BYDATA00	B9/F0	
A3DATA00	MMPA3		04-088	246	IO	XDATA00	B10/F0	
A3DATA01	MSPPA3		04-080	346	I	BYDATA01	B9/F0	
A3DATA01	MMPA3		04-088	346	IO	XDATA01	B10/F0	
A3DATA02	MSPPA3		04-080	247	I	BYDATA02	B9/F0	
A3DATA02	MMPA3		04-088	247	IO	XDATA02	B10/F0	
A3DATA03	MSPPA3		04-080	347	I	BYDATA03	B9/F0	
A3DATA03	MMPA3		04-088	347	IO	XDATA03	B10/F0	
A3DATA04	MSPPA3		04-080	248	I	BYDATA04	B9/F0	
A3DATA04	MMPA3		04-088	248	IO	XDATA04	B10/F0	
A3DATA05	MSPPA3		04-080	348	I	BYDATA05	B9/F0	
A3DATA05	MMPA3		04-088	348	IO	XDATA05	B10/F0	
A3DATA06	MSPPA3		04-080	249	I	BYDATA06	B9/F0	
A3DATA06	MMPA3		04-088	249	IO	XDATA06	B10/F0	
A3DATA07	MSPPA3		04-080	349	I	BYDATA07	B9/F0	
A3DATA07	MMPA3		04-088	349	IO	XDATA07	B10/F0	
A3DATPHI	MSPPA3		04-080	354	I	DATPARHI	B9/F0	
A3DATPHI	MMPA3		04-088	354	IO	NC	B10/F0	
A3DATPL	MSPPA3		04-080	254	I	DATPARLO	B9/F0	
A3DATPL	MMPA3		04-088	254	IO	XDATPL	B10/F0	
A3DLYDIR	MSPPA3		04-080	318	I	XDLYDIR0	B9/F0	
A3DLYDIR	MMPA3		04-088	318	IO	XDLYDIR0	B10/F0	
A3DRLRHW	MSPPA3		04-080	137	O	XDIRLRHW	B9/F0	
A3DRLRHW	MMPA3		04-088	137	I	XDIRLRHW	B10/F0	
A3EBYBT0	MSPPA3		04-080	134	I	ENBYBYT0	B9/F0	
A3EBYBT0	MMPA3		04-088	134	IO	XENBYBT0	B10/F0	
A3EHBYT0	MSPPA3		04-080	035	I	ENHIBYT0	B9/F0	
A3EHBYT0	MMPA3		04-088	035	IO	NC	B10/F0	
A3ELBYT0	MSPPA3		04-080	034	I	ENLOBYT0	B9/F0	
A3ELBYT0	MMPA3		04-088	034	O	XENLBYT0	B10/F0	
A3ERR0	MSPPA3		04-080	102	O	ERR0	B9/F0	
A3ERR0	04-086		04-086	010	O		B12/C5	*
A3FUNCN1	MSPPA3		04-080	122	O	XFUNCEN1	B9/F0	
A3FUNCN1	MMPA3		04-088	122	I	XFUNCN1	B10/F0	
A3HLDAK0	MSPPA3		04-080	139	O	XHLDACK0	B9/F0	
A3HLDAK0	MMPA3		04-088	139	I	XHLDACK0	B10/F0	
A3HLDRQ0	MSPPA3		04-080	039	I	XHLDREQ0	B9/F0	
A3HLDRQ0	MMPA3		04-088	039	O	XHLDREQ0	B10/F0	
A3INTAK0	MSPPA3		04-080	138	O	XINTACK0	B9/F0	
A3INTAK0	MMPA3		04-088	138	I	XINTACK0	B10/F0	
A3INTR0	MSPPA3		04-080	302	O	INTR0	B9/F0	
A3INTR0	04-092		04-092	023	O		B24/D1	*
A3INTRQ0	MSPPA3		04-080	038	I	XINTREQ0	B9/F0	
A3INTRQ0	MMPA3		04-088	038	O	XINTREQ0	B10/F0	
A3IORD0	MSPPA3		04-080	041	O	XIORD0	B9/F0	
A3IORD0	MMPA3		04-088	041	I	XIORD0	B10/F0	
A3IOWT0	MSPPA3		04-080	141	O	XIOWT0	B9/F0	
A3IOWT0	MMPA3		04-088	141	I	XIOWT0	B10/F0	
A3LATCH0	MSPPA3		04-080	135	O	XLATCH0	B9/F0	
A3LATCH0	MMPA3		04-088	135	I	XLATCH0	B10/F0	
A3ME1IO0	MSPPA3		04-080	040	O	XMEM1IO0	B9/F0	
A3ME1IO0	MMPA3		04-088	040	I	XMEM1IO0	B10/F0	
A3MEMRD0	MSPPA3		04-080	042	IO	XMEMRD	B9/F0	
A3MEMRD0	MMPA3		04-088	042	O	XMEMRD0	B10/F0	
A3MEMWT0	MSPPA3		04-080	142	IO	XMEMWT	B9/F0	
A3MEMWT0	MMPA3		04-088	142	O	XMEMWT0	B10/F0	
A3P1IN	MSPPA3		04-080	037	I	P1IN	B9/F0	

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
A3P1IN	MMPA3		04-088	037	G	GRD	B10/F0	
A3P2IN	MSPPA3		04-080	118	I	P2IN	B9/F0	
A3P2IN	MMPA3		04-088	118	IO	NC	B10/F0	
A3P3IN	MSPPA3		04-080	218	I	P3IN	B9/F0	
A3P3IN	MMPA3		04-088	218	G	GRD	B10/F0	
A3PARER0	MSPPA3		04-080	121	I	DAT2PE0	B9/F0	
A3PARER0	MMPA3		04-088	121	O	DAT2PE0	B10/F0	
A3PBHE0	MSPPA3		04-080	018	I	PBHE0	B9/F0	
A3PBHE0	MMPA3		04-088	018	O	PBHE0	B10/F0	
A3PCSEL0	MSPPA3		04-080	305	I	PCSEL0	B9/F0	
A3PCSEL0	04-087		04-087	006	O		B12/C8	*
A3PMPCS0	MSPPA3		04-080	119	I	PUMPCS0	B9/F0	
A3PMPCS0	MMPA3		04-088	119	IO	NC	B10/F0	
A3PWRST0	MSPPA3		04-080	022	O	XPWRRST0	B9/F0	
A3PWRST0	MMPA3		04-088	022	I	XPWRRST0	B10/F0	
A3RASOK1	MSPPA3		04-080	019	I	RA5OK1	B9/F0	
A3RASOK1	MMPA3		04-088	019	IO	NC	B10/F0	
A3SR0	MSPPA3		04-080	002	O	SR0	B9/F0	
A3SR0	04-086		04-086	023	O		B12/D5	*
A3TVLPB	MSPPA3		04-080	216	IO	NC	B9/F0	
A3TVLPB	MSPPA3		04-080	316	IO	NC	B9/F0	
A3TVLPD	MSPPA3		04-080	214	IO	NC	B9/F0	
A3TVLPD	MSPPA3		04-080	314	IO	NC	B9/F0	
A3WDAT08	MSPPA3		04-080	250	I	WDDATA08	B9/F0	
A3WDAT08	MMPA3		04-088	250	IO	NC	B10/F0	
A3WDAT09	MSPPA3		04-080	350	I	WDDATA09	B9/F0	
A3WDAT09	MMPA3		04-088	350	IO	NC	B10/F0	
A3WDAT10	MSPPA3		04-080	251	I	WDDATA10	B9/F0	
A3WDAT10	MMPA3		04-088	251	IO	NC	B10/F0	
A3WDAT11	MSPPA3		04-080	351	I	WDDATA11	B9/F0	
A3WDAT11	MMPA3		04-088	351	IO	NC	B10/F0	
A3WDAT12	MSPPA3		04-080	252	I	WDDATA12	B9/F0	
A3WDAT12	MMPA3		04-088	252	IO	NC	B10/F0	
A3WDAT13	MSPPA3		04-080	352	I	WDDATA13	B9/F0	
A3WDAT13	MMPA3		04-088	352	IO	NC	B10/F0	
A3WDAT14	MSPPA3		04-080	253	I	WDDATA14	B9/F0	
A3WDAT14	MMPA3		04-088	253	IO	NC	B10/F0	
A3WDAT15	MSPPA3		04-080	353	I	WDDATA15	B9/F0	
A3WDAT15	MMPA3		04-088	353	IO	NC	B10/F0	
AALMC1	AMSPUCD		04-008	123	O	CARD	B1/F2	
AALMC1	AMSPUCD		04-008	148	I	PINT	B1/F2	
AALMC1	APWRCONV		04-024	113	IO	BALMC1	B2/F1	
AALMC2	AMSPUCD		04-008	117	I	AD	B1/F2	
AALMC2	AMSPUCD		04-008	145	IO	NC	B1/F2	*
AALMC2	APWRCONV		04-024	014	IO	BALMC2	B2/F1	
ACLKON	MMPA0		04-040	235	I	OCLKN	B4/F1	
ACLKON	MMPA1		04-056	235	I	OCLKN	B6/F1	
ACLKON	MMPA2		04-072	235	I	OCLKN	B8/F1	
ACLKON	MMPA3		04-088	235	I	OCLKN	B10/F0	*
ACLKOP	MMPA0		04-040	335	I	OCLKP	B4/F1	
ACLKOP	MMPA1		04-056	335	I	OCLKP	B6/F1	
ACLKOP	MMPA2		04-072	335	I	OCLKP	B8/F1	

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
ACLK0P	MMPA3	04-088	335	I	0CLKP	B10/F0	*
ACLK1N	MMPA0	04-040	240	I	1CLKN	B4/F1	
ACLK1N	MMPA1	04-056	240	I	1CLKN	B6/F1	
ACLK1N	MMPA2	04-072	240	I	1CLKN	B8/F1	
ACLK1N	MMPA3	04-088	240	I	1CLKN	B10/F0	*
ACLK1P	MMPA0	04-040	340	I	1CLKP	B4/F1	
ACLK1P	MMPA1	04-056	340	I	1CLKP	B6/F1	
ACLK1P	MMPA2	04-072	340	I	1CLKP	B8/F1	
ACLK1P	MMPA3	04-088	340	I	1CLKP	B10/F0	*
ACMDINT0	MSPPA0	04-032	303	I	CMDINT0	B3/F0	
ACMDINT0	MSPPA1	04-048	303	I	CMDINT0	B5/F0	
ACMDINT0	MSPPA2	04-064	303	I	CMDINT0	B7/F0	
ACMDINT0	MSPPA3	04-080	303	I	CMDINT0	B9/F0	
ACMDINT0	04-087	04-087	020	I		B12/B8	*
ACURPR0	APWRCONV	04-024	017	IO	BCURPR0	B2/F1	
ACURPR0	MSPPA0	04-032	012	IO	NCURPR	B3/F0	
ACURPR0	MMPA0	04-040	112	IO	XCURPR0	B4/F1	
ACURPR0	MSPPA1	04-048	012	IO	NCURPR	B5/F0	
ACURPR0	MMPA1	04-056	112	IO	XCURPR0	B6/F1	
ACURPR0	MSPPA2	04-064	012	IO	NCURPR	B7/F0	
ACURPR0	MMPA2	04-072	112	IO	XCURPR0	B8/F1	
ACURPR0	MSPPA3	04-080	012	IO	NCURPR	B9/F0	
ACURPR0	MMPA3	04-088	112	IO	XCURPR0	B10/F0	
ACURPR1	APWRCONV	04-024	117	IO	BCURPR1	B2/F1	
ACURPR1	MSPPA0	04-032	112	IO	PCURPR	B3/F0	
ACURPR1	MMPA0	04-040	012	IO	XCURPR1	B4/F1	
ACURPR1	MSPPA1	04-048	112	IO	PCURPR	B5/F0	
ACURPR1	MMPA1	04-056	012	IO	XCURPR1	B6/F1	
ACURPR1	MSPPA2	04-064	112	IO	PCURPR	B7/F0	
ACURPR1	MMPA2	04-072	012	IO	XCURPR1	B8/F1	
ACURPR1	MSPPA3	04-080	112	IO	PCURPR	B9/F0	
ACURPR1	MMPA3	04-088	012	IO	XCURPR1	B10/F0	
ADGNRTN	AMSPUCD	04-008	037	IO	NC	B1/F2	
ADGNRTN	AMSPUCD	04-008	048	O	DGNFANS	B1/F2	
ADGNRTN	AMSPUCD	04-008	050	G	DGNRTN	B1/F2	
ADMAAD00	MSPPA0	04-032	009	I	DMAAD001	B3/F0	
ADMAAD00	MSPPA1	04-048	009	I	DMAAD001	B5/F0	
ADMAAD00	MSPPA2	04-064	009	I	DMAAD001	B7/F0	
ADMAAD00	MSPPA3	04-080	009	I	DMAAD001	B9/F0	
ADMAAD00	04-093	04-093	003	I		B24/B3	*
ADMAAD01	MSPPA0	04-032	109	I	DMAAD011	B3/F0	
ADMAAD01	MSPPA1	04-048	109	I	DMAAD011	B5/F0	
ADMAAD01	MSPPA2	04-064	109	I	DMAAD011	B7/F0	
ADMAAD01	MSPPA3	04-080	109	I	DMAAD011	B9/F0	
ADMAAD01	04-092	04-092	003	I		B24/B1	*
ADMAAD02	MSPPA0	04-032	010	I	DMAAD021	B3/F0	
ADMAAD02	MSPPA1	04-048	010	I	DMAAD021	B5/F0	
ADMAAD02	MSPPA2	04-064	010	I	DMAAD021	B7/F0	
ADMAAD02	MSPPA3	04-080	010	I	DMAAD021	B9/F0	
ADMAAD02	04-093	04-093	004	I		B24/C3	*
ADMAAD03	MSPPA0	04-032	110	I	DMAAD031	B3/F0	
ADMAAD03	MSPPA1	04-048	110	I	DMAAD031	B5/F0	
ADMAAD03	MSPPA2	04-064	110	I	DMAAD031	B7/F0	
ADMAAD03	MSPPA3	04-080	110	I	DMAAD031	B9/F0	
ADMAAD03	04-092	04-092	004	I		B24/C1	*
ADMAAD04	MSPPA0	04-032	011	I	DMAAD041	B3/F0	
ADMAAD04	MSPPA1	04-048	011	I	DMAAD041	B5/F0	
ADMAAD04	MSPPA2	04-064	011	I	DMAAD041	B7/F0	
ADMAAD04	MSPPA3	04-080	011	I	DMAAD041	B9/F0	
ADMAAD04	04-093	04-093	005	I		B24/C3	*
ADMAAD05	MSPPA0	04-032	111	I	DMAAD051	B3/F0	
ADMAAD05	MSPPA1	04-048	111	I	DMAAD051	B5/F0	
ADMAAD05	MSPPA2	04-064	111	I	DMAAD051	B7/F0	
ADMAAD05	MSPPA3	04-080	111	I	DMAAD051	B9/F0	
ADMAAD05	04-092	04-092	005	I		B24/C1	*
ADMAAD06	MSPPA0	04-032	013	I	DMAAD061	B3/F0	
ADMAAD06	MSPPA1	04-048	013	I	DMAAD061	B5/F0	
ADMAAD06	MSPPA2	04-064	013	I	DMAAD061	B7/F0	
ADMAAD06	MSPPA3	04-080	013	I	DMAAD061	B9/F0	
ADMAAD06	04-093	04-093	006	I		B24/C3	*
ADMAAD07	MSPPA0	04-032	113	I	DMAAD071	B3/F0	
ADMAAD07	MSPPA1	04-048	113	I	DMAAD071	B5/F0	
ADMAAD07	MSPPA2	04-064	113	I	DMAAD071	B7/F0	
ADMAAD07	MSPPA3	04-080	113	I	DMAAD071	B9/F0	
ADMAAD07	04-092	04-092	006	I		B24/C1	*
ADMAAD08	MSPPA0	04-032	014	I	DMAAD081	B3/F0	
ADMAAD08	MSPPA1	04-048	014	I	DMAAD081	B5/F0	
ADMAAD08	MSPPA2	04-064	014	I	DMAAD081	B7/F0	
ADMAAD08	MSPPA3	04-080	014	I	DMAAD081	B9/F0	
ADMAAD08	04-093	04-093	007	I		B24/C3	*

14 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
ADMAAD09	MSPPA0	04-032	114	I	DMAAD091	B3/F0	
ADMAAD09	MSPPA1	04-048	114	I	DMAAD091	B5/F0	
ADMAAD09	MSPPA2	04-064	114	I	DMAAD091	B7/F0	
ADMAAD09	MSPPA3	04-080	114	I	DMAAD091	B9/F0	
ADMAAD09	04-092	04-092	007	I		B24/C1	*
ADMAAD10	MSPPA0	04-032	015	I	DMAAD101	B3/F0	
ADMAAD10	MSPPA1	04-048	015	I	DMAAD101	B5/F0	
ADMAAD10	MSPPA2	04-064	015	I	DMAAD101	B7/F0	
ADMAAD10	MSPPA3	04-080	015	I	DMAAD101	B9/F0	
ADMAAD10	04-093	04-093	008	I		B24/C3	*
ADMAAD11	MSPPA0	04-032	115	I	DMAAD111	B3/F0	
ADMAAD11	MSPPA1	04-048	115	I	DMAAD111	B5/F0	
ADMAAD11	MSPPA2	04-064	115	I	DMAAD111	B7/F0	
ADMAAD11	MSPPA3	04-080	115	I	DMAAD111	B9/F0	
ADMAAD11	04-092	04-092	008	I		B24/C1	*
ADMAAD12	MSPPA0	04-032	016	I	DMAAD121	B3/F0	
ADMAAD12	MSPPA1	04-048	016	I	DMAAD121	B5/F0	
ADMAAD12	MSPPA2	04-064	016	I	DMAAD121	B7/F0	
ADMAAD12	MSPPA3	04-080	016	I	DMAAD121	B9/F0	
ADMAAD12	04-093	04-093	009	I		B24/C3	*
ADMAAD13	MSPPA0	04-032	116	I	DMAAD131	B3/F0	
ADMAAD13	MSPPA1	04-048	116	I	DMAAD131	B5/F0	
ADMAAD13	MSPPA2	04-064	116	I	DMAAD131	B7/F0	
ADMAAD13	MSPPA3	04-080	116	I	DMAAD131	B9/F0	
ADMAAD13	04-092	04-092	009	I		B24/C1	*
ADMAAD14	MSPPA0	04-032	017	I	DMAAD141	B3/F0	
ADMAAD14	MSPPA1	04-048	017	I	DMAAD141	B5/F0	
ADMAAD14	MSPPA2	04-064	017	I	DMAAD141	B7/F0	
ADMAAD14	MSPPA3	04-080	017	I	DMAAD141	B9/F0	
ADMAAD14	04-093	04-093	010	I		B24/C3	*
ADMAAD15	MSPPA0	04-032	117	I	DMAAD151	B3/F0	
ADMAAD15	MSPPA1	04-048	117	I	DMAAD151	B5/F0	
ADMAAD15	MSPPA2	04-064	117	I	DMAAD151	B7/F0	
ADMAAD15	MSPPA3	04-080	117	I	DMAAD151	B9/F0	
ADMAAD15	04-092	04-092	010	I		B24/C1	*
ADMADA00	MSPPA0	04-032	005	I	DMADA001	B3/F0	
ADMADA00	MSPPA1	04-048	005	I	DMADA001	B5/F0	
ADMADA00	MSPPA2	04-064	005	I	DMADA001	B7/F0	
ADMADA00	MSPPA3	04-080	005	I	DMADA001	B9/F0	
ADMADA00	04-093	04-093	016	I		B24/C3	*
ADMADA01	MSPPA0	04-032	105	I	DMADA011	B3/F0	
ADMADA01	MSPPA1	04-048	105	I	DMADA011	B5/F0	
ADMADA01	MSPPA2	04-064	105	I	DMADA011	B7/F0	
ADMADA01	MSPPA3	04-080	105	I	DMADA011	B9/F0	
ADMADA01	04-092	04-092	016	I		B24/C1	*
ADMADA02	MSPPA0	04-032	006	I	DMADA021	B3/F0	
ADMADA02	MSPPA1	04-048	006	I	DMADA021	B5/F0	
ADMADA02	MSPPA2	04-064	006	I	DMADA021	B7/F0	
ADMADA02	MSPPA3	04-080	006	I	DMADA021	B9/F0	
ADMADA02	04-093	04-093	017	I		B24/C3	*
ADMADA03	MSPPA0	04-032	106	I	DMADA031	B3/F0	
ADMADA03	MSPPA1	04-048	106	I	DMADA031	B5/F0	
ADMADA03	MSPPA2	04-064	106	I	DMADA031	B7/F0	
ADMADA03	MSPPA3	04-080	106	I	DMADA031	B9/F0	
ADMADA03	04-092	04-092	017	I		B24/C1	*
ADMADA04	MSPPA0	04-032	007	I	DMADA041	B3/F0	
ADMADA04	MSPPA1	04-048	007	I	DMADA041	B5/F0	
ADMADA04	MSPPA2	04-064	007	I	DMADA041	B7/F0	
ADMADA04	MSPPA3	04-080	007	I	DMADA041	B9/F0	
ADMADA04	04-093	04-093	018	I		B24/C3	*
ADMADA05	MSPPA0	04-032	107	I	DMADA051	B3/F0	
ADMADA05	MSPPA1	04-048	107	I	DMADA051	B5/F0	
ADMADA05	MSPPA2	04-064	107	I	DMADA051	B7/F0	
ADMADA05	MSPPA3	04-080	107	I	DMADA051	B9/F0	
ADMADA05	04-092	04-092	018	I		B24/C1	*
ADMADA06	MSPPA0	04-032	008	I	DMADA061	B3/F0	
ADMADA06	MSPPA1	04-048	008	I	DMADA061	B5/F0	
ADMADA06	MSPPA2	04-064	008	I	DMADA061	B7/F0	
ADMADA06	MSPPA3	04-080	008	I	DMADA061	B9/F0	
ADMADA06	04-093	04-093	019	I		B24/D3	*
ADMADA07	MSPPA0	04-032	108	I	DMADA071	B3/F0	
ADMADA07	MSPPA1	04-048	108	I	DMADA071	B5/F0	
ADMADA07	MSPPA2	04-064	108	I	DMADA071	B7/F0	
ADMADA07	MSPPA3	04-080	108	I	DMADA071	B9/F0	
ADMADA07	04-092	04-092	019	I		B24/C1	*
ADMADAP1	MSPPA0	04-032	205	I	DMADAP1	B3/F0	
ADMADAP1	MSPPA1	04-048	205	I	DMADAP1	B5/F0	
ADMADAP1	MSPPA2	04-064	205	I	DMADAP1	B7/F0	
ADMADAP1	MSPPA3	04-080	205	I	DMADAP1	B9/F0	
ADMADAP1	04-093	04-093	020	I		B24/C3	*

15 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
ADMAOPC0	MSPPA0	04-032	104	I	DMAOPC0	B3/F0	
ADMAOPC0	MSPPA1	04-048	104	I	DMAOPC0	B5/F0	
ADMAOPC0	MSPPA2	04-064	104	I	DMAOPC0	B7/F0	
ADMAOPC0	MSPPA3	04-080	104	I	DMAOPC0	B9/F0	
ADMAOPC0	04-087	04-087	018	I		B12/C8	*
ADMARD0	MSPPA0	04-032	204	I	DMARD0	B3/F0	
ADMARD0	MSPPA1	04-048	204	I	DMARD0	B5/F0	
ADMARD0	MSPPA2	04-064	204	I	DMARD0	B7/F0	
ADMARD0	MSPPA3	04-080	204	I	DMARD0	B9/F0	
ADMARD0	04-087	04-087	017	I		B12/C8	*
ADMAREQ0	MSPPA0	04-032	004	I	DMAREQ0	B3/F0	
ADMAREQ0	MSPPA1	04-048	004	I	DMAREQ0	B5/F0	
ADMAREQ0	MSPPA2	04-064	004	I	DMAREQ0	B7/F0	
ADMAREQ0	MSPPA3	04-080	004	I	DMAREQ0	B9/F0	
ADMAREQ0	04-087	04-087	019	I		B12/C8	*
ADMAWT0	MSPPA0	04-032	304	I	DMAWT0	B3/F0	
ADMAWT0	MSPPA1	04-048	304	I	DMAWT0	B5/F0	
ADMAWT0	MSPPA2	04-064	304	I	DMAWT0	B7/F0	
ADMAWT0	MSPPA3	04-080	304	I	DMAWT0	B9/F0	
ADMAWT0	04-087	04-087	016	I		B12/C8	*
AINITPC0	MSPPA0	04-032	203	I	INITPC0	B3/F0	
AINITPC0	MSPPA1	04-048	203	I	INITPC0	B5/F0	
AINITPC0	MSPPA2	04-064	203	I	INITPC0	B7/F0	
AINITPC0	MSPPA3	04-080	203	I	INITPC0	B9/F0	
AINITPC0	04-086	04-086	020	I		B12/B5	*
AINT0	AMSPUCD	04-008	116	O	INT	B1/F2	
AINT0	APWRCONV	04-024	112	IO	BINT0	B2/F1	
AINT1	AMSPUCD	04-008	115	I	INTR	B1/F2	
AINT1	APWRCONV	04-024	012	IO	BINT1	B2/F1	
AMPF00	04-007	04-007	053	O		B12/B3	*
AMPF00	AMSPUCD	04-008	153	O	MPF0	B1/F2	
AMPF01	04-007	04-007	040	O		B12/C3	*
AMPF01	AMSPUCD	04-008	140	O	MPF0	B1/F2	
AOOS+I	AMSPUCD	04-008	111	I	OOSCONV	B1/F2	
AOOS+I	APWRCONV	04-024	015	IO	BOOS+I	B2/F1	
AOOS-I	AMSPUCD	04-008	109	O	OOSTST	B1/F2	
AOOS-I	APWRCONV	04-024	115	IO	BOOS-I	B2/F1	
AOOS3B	04-007	04-007	037	IO		B12/C3	*
AOOS3B	04-007	04-007	050	I		B12/C3	*
AOOS3B	AMSPUCD	04-008	138	IO	NC	B1/F2	
AOOS3B	AMSPUCD	04-008	151	I	OOS3B	B1/F2	
AOOSR	04-006	04-006	037	IO		B12/B1	*
AOOSR	04-006	04-006	050	I		B12/C1	*
AOOSR	AMSPUCD	04-008	038	IO	NC	B1/F2	
AOOSR	AMSPUCD	04-008	051	I	OOSR	B1/F2	
AP5V0	APWRCONV	04-024	019	P	BP5V0	B2/F1	
AP5V0	APWRCONV	04-024	045	P	BP5V0	B2/F1	
AP5V0	APWRCONV	04-024	046	P	BP5V0	B2/F1	
AP5V0	APWRCONV	04-024	047	P	BP5V0	B2/F1	
AP5V0	APWRCONV	04-024	048	P	BP5V0	B2/F1	
AP5V0	APWRCONV	04-024	049	P	BP5V0	B2/F1	
AP5V0	APWRCONV	04-024	050	P	BP5V0	B2/F1	
AP5V0	APWRCONV	04-024	051	P	BP5V0	B2/F1	
AP5V0	APWRCONV	04-024	052	P	BP5V0	B2/F1	
AP5V0	APWRCONV	04-024	053	P	BP5V0	B2/F1	
AP5V0	APWRCONV	04-024	054	P	BP5V0	B2/F1	
AP5V0	APWRCONV	04-024	055	P	BP5V0	B2/F1	
AP5V0	APWRCONV	04-024	056	P	BP5V0	B2/F1	
AP5V0	APWRCONV	04-024	145	P	BP5V0	B2/F1	
AP5V0	APWRCONV	04-024	146	P	BP5V0	B2/F1	
AP5V0	APWRCONV	04-024	147	P	BP5V0	B2/F1	
AP5V0	APWRCONV	04-024	148	P	BP5V0	B2/F1	

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE C2 | ISSUE 6M

Lucent Technologies | SD-5D078-01 | SHEET A9

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
AP5V0	APWRCONV		04-024	149	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	150	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	151	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	152	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	153	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	154	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	155	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	156	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	245	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	246	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	247	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	248	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	249	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	250	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	251	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	252	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	253	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	254	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	255	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	256	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	345	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	346	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	347	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	348	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	349	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	350	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	351	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	352	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	353	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	354	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	355	P	BP5V0	B2/F1	
AP5V0	APWRCONV		04-024	356	P	BP5V0	B2/F1	
AP5V0	MSPPA0		04-032	000	P	VCC	B3/F0	
AP5V0	MSPPA0		04-032	001	P	VCC	B3/F0	
AP5V0	MSPPA0		04-032	100	P	VCC	B3/F0	
AP5V0	MSPPA0		04-032	101	P	VCC	B3/F0	
AP5V0	MSPPA0		04-032	210	P	VCC	B3/F0	
AP5V0	MSPPA0		04-032	310	P	VCC	B3/F0	
AP5V0	MSPPA0		04-032	315	I	+5PWRI	B3/F0	
AP5V0	MSPPA0		04-032	323	I	VPP	B3/F0	
AP5V0	MMPA0		04-040	000	P	VCC	B4/F1	
AP5V0	MMPA0		04-040	001	P	VCC	B4/F1	
AP5V0	MMPA0		04-040	100	P	VCC	B4/F1	
AP5V0	MMPA0		04-040	101	P	VCC	B4/F1	
AP5V0	MMPA0		04-040	210	P	VCC	B4/F1	
AP5V0	MMPA0		04-040	310	P	VCC	B4/F1	
AP5V0	MSPPA1		04-048	000	P	VCC	B5/F0	
AP5V0	MSPPA1		04-048	001	P	VCC	B5/F0	
AP5V0	MSPPA1		04-048	100	P	VCC	B5/F0	
AP5V0	MSPPA1		04-048	101	P	VCC	B5/F0	
AP5V0	MSPPA1		04-048	210	P	VCC	B5/F0	
AP5V0	MSPPA1		04-048	310	P	VCC	B5/F0	
AP5V0	MSPPA1		04-048	315	I	+5PWRI	B5/F0	
AP5V0	MSPPA1		04-048	323	I	VPP	B5/F0	
AP5V0	MMPA1		04-056	000	P	VCC	B6/F1	
AP5V0	MMPA1		04-056	001	P	VCC	B6/F1	
AP5V0	MMPA1		04-056	100	P	VCC	B6/F1	
AP5V0	MMPA1		04-056	101	P	VCC	B6/F1	
AP5V0	MMPA1		04-056	210	P	VCC	B6/F1	
AP5V0	MMPA1		04-056	310	P	VCC	B6/F1	
AP5V0	MSPPA2		04-064	000	P	VCC	B7/F0	
AP5V0	MSPPA2		04-064	001	P	VCC	B7/F0	
AP5V0	MSPPA2		04-064	100	P	VCC	B7/F0	
AP5V0	MSPPA2		04-064	101	P	VCC	B7/F0	
AP5V0	MSPPA2		04-064	210	P	VCC	B7/F0	
AP5V0	MSPPA2		04-064	310	P	VCC	B7/F0	
AP5V0	MSPPA2		04-064	315	I	+5PWRI	B7/F0	
AP5V0	MSPPA2		04-064	323	I	VPP	B7/F0	
AP5V0	MMPA2		04-072	000	P	VCC	B8/F1	
AP5V0	MMPA2		04-072	001	P	VCC	B8/F1	
AP5V0	MMPA2		04-072	100	P	VCC	B8/F1	
AP5V0	MMPA2		04-072	101	P	VCC	B8/F1	
AP5V0	MMPA2		04-072	210	P	VCC	B8/F1	
AP5V0	MMPA2		04-072	310	P	VCC	B8/F1	
AP5V0	MSPPA3		04-080	000	P	VCC	B9/F0	
AP5V0	MSPPA3		04-080	001	P	VCC	B9/F0	
AP5V0	MSPPA3		04-080	100	P	VCC	B9/F0	
AP5V0	MSPPA3		04-080	101	P	VCC	B9/F0	
AP5V0	MSPPA3		04-080	210	P	VCC	B9/F0	
AP5V0	MSPPA3		04-080	310	P	VCC	B9/F0	
AP5V0	MSPPA3		04-080	315	I	+5PWRI	B9/F0	
AP5V0	MSPPA3		04-080	323	I	VPP	B9/F0	
AP5V0	04-086		04-086	006	P		B12/C5	*
AP5V0	MMPA3		04-088	000	P	VCC	B10/F0	
AP5V0	MMPA3		04-088	001	P	VCC	B10/F0	
AP5V0	MMPA3		04-088	100	P	VCC	B10/F0	
AP5V0	MMPA3		04-088	101	P	VCC	B10/F0	
AP5V0	MMPA3		04-088	210	P	VCC	B10/F0	
AP5V0	MMPA3		04-088	310	P	VCC	B10/F0	
ARDATA0N	MMPA0		04-040	237	I	0RDATAN	B4/F1	
ARDATA0N	MMPA1		04-056	237	I	0RDATAN	B6/F1	
ARDATA0N	MMPA2		04-072	237	I	0RDATAN	B8/F1	
ARDATA0N	MMPA3		04-088	237	I	0RDATAN	B10/F0	*
ARDATA0P	MMPA0		04-040	337	I	0RDATAP	B4/F1	

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
ARDATA0P	MMPA1		04-056	337	I	0RDATAP	B6/F1	
ARDATA0P	MMPA2		04-072	337	I	0RDATAP	B8/F1	
ARDATA0P	MMPA3		04-088	337	I	0RDATAP	B10/F0	*
ARDATA1N	MMPA0		04-040	242	I	1RDATAN	B4/F1	
ARDATA1N	MMPA1		04-056	242	I	1RDATAN	B6/F1	
ARDATA1N	MMPA2		04-072	242	I	1RDATAN	B8/F1	
ARDATA1N	MMPA3		04-088	242	I	1RDATAN	B10/F0	*
ARDATA1P	MMPA0		04-040	342	I	1RDATAP	B4/F1	
ARDATA1P	MMPA1		04-056	342	I	1RDATAP	B6/F1	
ARDATA1P	MMPA2		04-072	342	I	1RDATAP	B8/F1	
ARDATA1P	MMPA3		04-088	342	I	1RDATAP	B10/F0	*
ARISOL0	MSPPA0		04-032	103	I	RISOL0	B3/F0	
ARISOL0	MSPPA1		04-048	103	I	RISOL0	B5/F0	
ARISOL0	MSPPA2		04-064	103	I	RISOL0	B7/F0	
ARISOL0	MSPPA3		04-080	103	I	RISOL0	B9/F0	
ARISOL0	04-087		04-087	021	I		B12/C8	*
ARQIP3B	04-007		04-007	038	IO		B12/C3	*
ARQIP3B	04-007		04-007	051	O		B12/C3	*
ARQIP3B	AMSPUCD		04-008	139	IO	NC	B1/F2	
ARQIP3B	AMSPUCD		04-008	152	I	RQIP3B	B1/F2	
ARQIP3BR	04-006		04-006	038	IO		B12/C1	*
ARQIP3BR	04-006		04-006	051	I		B12/C1	*
ARQIP3BR	AMSPUCD		04-008	039	IO	NC	B1/F2	
ARQIP3BR	AMSPUCD		04-008	052	I	RQIP3BR	B1/F2	
ARS1	AMSPUCD		04-008	124	O	RS1	B1/F2	
ARS1	APWRCONV		04-024	011	IO	BRS1	B2/F1	
ARS2	AMSPUCD		04-008	122	I	RG2	B1/F2	
ARS2	APWRCONV		04-024	110	IO	BRS2	B2/F1	
ARS3	AMSPUCD		04-008	009	O	RS3	B1/F2	
ARS3	APWRCONV		04-024	109	IO	BRS3	B2/F1	
ARVS	APWRCONV		04-024	018	IO	BRVS	B2/F1	
ARVS	APWRCONV		04-024	118	IO	BRVS	B2/F1	
ASCW3B0	04-007		04-007	055	O		B12/C3	*
ASCW3B0	AMSPUCD		04-008	156	O	SCW3B0	B1/F2	
ASCW3B1	04-007		04-007	042	O		B12/C3	*
ASCW3B1	AMSPUCD		04-008	143	O	SCW3B1	B1/F2	
ASCWR0	04-006		04-006	055	O		B12/C1	*
ASCWR0	AMSPUCD		04-008	056	O	SCWR0	B1/F2	
ASCWR1	04-006		04-006	042	O		B12/C1	*
ASCWR1	AMSPUCD		04-008	043	O	SCWR1	B1/F2	
ASCX3B0	04-007		04-007	054	O		B12/C3	*
ASCX3B0	AMSPUCD		04-008	154	O	SCX3B0	B1/F2	
ASCX3B0R	04-006		04-006	054	O		B12/C1	*
ASCX3B0R	AMSPUCD		04-008	054	O	SCX3B0R	B1/F2	
ASCX3B1	04-007		04-007	041	O		B12/C3	*
ASCX3B1	AMSPUCD		04-008	141	O	SCX3B1	B1/F2	
ASCX3B1R	04-006		04-006	041	O		B12/C1	*
ASCX3B1R	AMSPUCD		04-008	041	O	SCX3B1R	B1/F2	
ASCY3B0R	04-006		04-006	053	O		B12/C1	*
ASCY3B0R	AMSPUCD		04-008	053	O	SCY3BR	B1/F2	
ASCY3B1R	04-006		04-006	040	O		B12/C1	*
ASCY3B1R	AMSPUCD		04-008	040	O	SCY3BR	B1/F2	
ASISOL0	MSPPA0		04-032	003	I	SISOL0	B3/F0	
ASISOL0	MSPPA1		04-048	003	I	SISOL0	B5/F0	
ASISOL0	MSPPA2		04-064	003	I	SISOL0	B7/F0	
ASISOL0	MSPPA3		04-080	003	I	SISOL0	B9/F0	
ASISOL0	04-086		04-086	021	I		B12/C5	*
ASYNC0N	MMPA0		04-040	234	I	0SYNCN	B4/F1	
ASYNC0N	MMPA1		04-056	234	I	0SYNCN	B6/F1	
ASYNC0N	MMPA2		04-072	234	I	0SYNCN	B8/F1	
ASYNC0N	MMPA3		04-088	234	I	0SYNCN	B10/F0	*
ASYNC0P	MMPA0		04-040	334	I	0SYNCP	B4/F1	
ASYNC0P	MMPA1		04-056	334	I	0SYNCP	B6/F1	
ASYNC0P	MMPA2		04-072	334	I	0SYNCP	B8/F1	
ASYNC0P	MMPA3		04-088	334	I	0SYNCP	B10/F0	*
ASYNC1N	MMPA0		04-040	239	I	1SYNCN	B4/F1	
ASYNC1N	MMPA1		04-056	239	I	1SYNCN	B6/F1	
ASYNC1N	MMPA2		04-072	239	I	1SYNCN	B8/F1	
ASYNC1N	MMPA3		04-088	239	I	1SYNCN	B10/F0	*
ASYNC1P	MMPA0		04-040	339	I	0SYNCP	B4/F1	
ASYNC1P	MMPA1		04-056	339	I	0SYNCP	B6/F1	

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
ASYNC1P	MMPA2		04-072	339	I	0SYNCP	B8/F1	
ASYNC1P	MMPA3		04-088	339	I	0SYNCP	B10/F0	*
ATDATA0N	MMPA0		04-040	236	O	0TDATAN	B4/F1	
ATDATA0N	MMPA1		04-056	236	O	0TDATAN	B6/F1	
ATDATA0N	MMPA2		04-072	236	O	0TDATAN	B8/F1	
ATDATA0N	MMPA3		04-088	236	O	0TDATAN	B10/F0	*
ATDATA0P	MMPA0		04-040	336	O	0TDATAP	B4/F1	
ATDATA0P	MMPA1		04-056	336	O	0TDATAP	B6/F1	
ATDATA0P	MMPA2		04-072	336	O	0TDATAP	B8/F1	
ATDATA0P	MMPA3		04-088	336	O	0TDATAP	B10/F0	*
ATDATA1N	MMPA0		04-040	241	O	1TDATAN	B4/F1	
ATDATA1N	MMPA1		04-056	241	O	1TDATAN	B6/F1	
ATDATA1N	MMPA2		04-072	241	O	1TDATAN	B8/F1	
ATDATA1N	MMPA3		04-088	241	O	1TDATAN	B10/F0	*
ATDATA1P	MMPA0		04-040	341	O	1TDATAP	B4/F1	
ATDATA1P	MMPA1		04-056	341	O	1TDATAP	B6/F1	
ATDATA1P	MMPA2		04-072	341	O	1TDATAP	B8/F1	
ATDATA1P	MMPA3		04-088	341	O	1TDATAP	B10/F0	*
ATSTA	AMSPUCD		04-008	146	O	TSTA	B1/F2	*
B-48PWR	02-104		02-104	003	P		B23/E3	*
B-48PWR	E27		02-104-003	1	P	PWR1	B23/D3	
B-48PWR	E27		02-104-003	2	P	PWR2	B23/D3	
B-48PWR	E27		02-104-003	3	P	PWR3	B23/D3	
B-48PWR	E27		02-104-003	4	P	PWR4	B23/D3	
B-48PWR	02-105		02-105	003	P		B23/E4	*
B-48PWR	E28		02-105-003	1	P	PWR1	B23/D4	
B-48PWR	E28		02-105-003	2	P	PWR2	B23/D4	
B-48PWR	E28		02-105-003	3	P	PWR3	B23/D4	
B-48PWR	E28		02-105-003	4	P	PWR4	B23/D4	
B-48PWR	BMSPUCD		04-096	006	P	-48V	B13/F2	
B-48PWR	BMSPUCD		04-096	007	P	-48V	B13/F2	
B-48PWR	BMSPUCD		04-096	008	P	-48V	B13/F2	
B-48PWR	BMSPUCD		04-096	106	P	-48	B13/F2	
B-48PWR	BMSPUCD		04-096	107	P	-48	B13/F2	
B-48PWR	BMSPUCD		04-096	108	P	-48	B13/F2	
B-48PWR	BPWRCONV		04-112	006	P	B-48PWR	B14/F1	
B-48PWR	BPWRCONV		04-112	007	P	B-48PWR	B14/F1	
B-48PWR	BPWRCONV		04-112	008	P	B-48PWR	B14/F1	
B-48PWR	BPWRCONV		04-112	106	P	B-48PWR	B14/F1	
B-48PWR	BPWRCONV		04-112	107	P	B-48PWR	B14/F1	
B-48PWR	BPWRCONV		04-112	108	P	B-48PWR	B14/F1	
B-48PWR	BPWRCONV		04-112	206	P	B-48PWR	B14/F1	
B-48PWR	BPWRCONV		04-112	207	P	B-48PWR	B14/F1	
B-48PWR	BPWRCONV		04-112	208	P	B-48PWR	B14/F1	
B-48PWR	BPWRCONV		04-112	306	P	B-48PWR	B14/F1	
B-48PWR	BPWRCONV		04-112	307	P	B-48PWR	B14/F1	
B-48PWR	BPWRCONV		04-112	308	P	B-48PWR	B14/F1	
B-48RTN	02-108		02-108	003	P		B23/E4	*
B-48RTN	E29		02-108-003	1	P	PWR1	B23/D4	
B-48RTN	E29		02-108-003	2	P	PWR2	B23/D4	
B-48RTN	E29		02-108-003	3	P	PWR3	B23/D4	
B-48RTN	E29		02-108-003	4	P	PWR4	B23/D4	
B-48RTN	02-110		02-110	003	P		B23/E5	*
B-48RTN	E30		02-110-003	1	P	PWR1	B23/D5	
B-48RTN	E30		02-110-003	2	P	PWR2	B23/D5	
B-48RTN	E30		02-110-003	3	P	PWR3	B23/D5	
B-48RTN	E30		02-110-003	4	P	PWR4	B23/D5	
B-48RTN	BMSPUCD		04-096	002	I	WDELEN0	B13/F2	
B-48RTN	BMSPUCD		04-096	003	G	48RTN	B13/F2	
B-48RTN	BMSPUCD		04-096	004	G	NC	B13/F2	
B-48RTN	BMSPUCD		04-096	101	I	YDELEN0	B13/F2	
B-48RTN	BMSPUCD		04-096	102	G	48RTN	B13/F2	
B-48RTN	BMSPUCD		04-096	103	G	48RTN	B13/F2	
B-48RTN	BMSPUCD		04-096	104	G	48RTN	B13/F2	
B-48RTN	BMSPUCD		04-096	149	I	ZRTN	B13/F2	
B-48RTN	BPWRCONV		04-112	003	G	B-48RTN	B14/F1	
B-48RTN	BPWRCONV		04-112	004	G	B-48RTN	B14/F1	
B-48RTN	BPWRCONV		04-112	005	G	B-48RTN	B14/F1	

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
B-48RTN	BPWRCONV		04-112	102	G	B-48RTN	B14/F1	
B-48RTN	BPWRCONV		04-112	103	G	B-48RTN	B14/F1	
B-48RTN	BPWRCONV		04-112	104	G	B-48RTN	B14/F1	
B-48RTN	BPWRCONV		04-112	203	G	B-48RTN	B14/F1	
B-48RTN	BPWRCONV		04-112	204	G	B-48RTN	B14/F1	
B-48RTN	BPWRCONV		04-112	205	G	B-48RTN	B14/F1	
B-48RTN	BPWRCONV		04-112	302	G	B-48RTN	B14/F1	
B-48RTN	BPWRCONV		04-112	303	G	B-48RTN	B14/F1	
B-48RTN	BPWRCONV		04-112	304	G	B-48RTN	B14/F1	
B010INT0	MSPPB0		04-120	033	O	X10MSINT	B15/F0	
B010INT0	MMPB0		04-128	033	I	X10MINT0	B16/F1	
B0AD2PE0	MSPPB0		04-120	021	I	ADD2PE0	B15/F0	
B0AD2PE0	MMPB0		04-128	021	IO	ADD2PE0	B16/F1	
B0ADD00	MSPPB0		04-120	046	IO	XADD00	B15/F0	
B0ADD00	MMPB0		04-128	046	IO	XADD00	B16/F1	
B0ADD01	MSPPB0		04-120	146	IO	XADD01	B15/F0	
B0ADD01	MMPB0		04-128	146	IO	XADD01	B16/F1	
B0ADD02	MSPPB0		04-120	047	IO	XADD02	B15/F0	
B0ADD02	MMPB0		04-128	047	IO	XADD02	B16/F1	
B0ADD03	MSPPB0		04-120	147	IO	XADD03	B15/F0	
B0ADD03	MMPB0		04-128	147	IO	XADD03	B16/F1	
B0ADD04	MSPPB0		04-120	048	IO	XADD04	B15/F0	
B0ADD04	MMPB0		04-128	048	IO	XADD04	B16/F1	
B0ADD05	MSPPB0		04-120	148	IO	XADD05	B15/F0	
B0ADD05	MMPB0		04-128	148	IO	XADD05	B16/F1	
B0ADD06	MSPPB0		04-120	049	IO	XADD06	B15/F0	
B0ADD06	MMPB0		04-128	049	IO	XADD06	B16/F1	
B0ADD07	MSPPB0		04-120	149	IO	XADD07	B15/F0	
B0ADD07	MMPB0		04-128	149	IO	XADD07	B16/F1	
B0ADD08	MSPPB0		04-120	050	IO	XADD08	B15/F0	
B0ADD08	MMPB0		04-128	050	IO	XADD08	B16/F1	
B0ADD09	MSPPB0		04-120	150	IO	XADD09	B15/F0	
B0ADD09	MMPB0		04-128	150	IO	XADD09	B16/F1	
B0ADD10	MSPPB0		04-120	051	IO	XADD10	B15/F0	
B0ADD10	MMPB0		04-128	051	IO	XADD10	B16/F1	
B0ADD11	MSPPB0		04-120	151	IO	XADD11	B15/F0	
B0ADD11	MMPB0		04-128	151	IO	XADD11	B16/F1	
B0ADD12	MSPPB0		04-120	052	IO	XADD12	B15/F0	
B0ADD12	MMPB0		04-128	052	IO	XADD12	B16/F1	
B0ADD13	MSPPB0		04-120	152	IO	XADD13	B15/F0	
B0ADD13	MMPB0		04-128	152	IO	XADD13	B16/F1	
B0ADD14	MSPPB0		04-120	053	IO	XADD14	B15/F0	
B0ADD14	MMPB0		04-128	053	IO	XADD14	B16/F1	
B0ADD15	MSPPB0		04-120	153	IO	XADD15	B15/F0	
B0ADD15	MMPB0		04-128	153	IO	XADD15	B16/F1	
B0ADD16	MSPPB0		04-120	054	IO	XADD16	B15/F0	
B0ADD16	MMPB0		04-128	054	IO	XADD16	B16/F1	
B0ADD17	MSPPB0		04-120	154	IO	XADD17	B15/F0	
B0ADD17	MMPB0		04-128	154	O	XADD17	B16/F1	
B0ADD18	MSPPB0		04-120	055	IO	XADD18	B15/F0	
B0ADD18	MMPB0		04-128	055	O	XADD18	B16/F1	
B0ADD19	MSPPB0		04-120	155	IO	XADD19	B15/F0	
B0ADD19	MMPB0		04-128	155	O	XADD19	B16/F1	
B0ADDPH	MSPPB0		04-120	255	IO	XADDPU	B15/F0	
B0ADDPH	MMPB0		04-128	255	IO	XADDPH	B16/F1	
B0ADDPL	MSPPB0		04-120	056	IO	XADDPL	B15/F0	
B0ADDPL	MMPB0		04-128	056	IO	XADDPL	B16/F1	
B0ADDPM	MSPPB0		04-120	156	IO	XADDPH	B15/F0	
B0ADDPM	MMPB0		04-128	156	IO	XADDPM	B16/F1	
B0ALWPG0	MSPPB0		04-120	020	O	XALWPGE0	B15/F0	
B0ALWPG0	MMPB0		04-128	020	I	XALWPGE0	B16/F1	
B0CLESR0	MSPPB0		04-120	133	O	XCLRESR0	B15/F0	
B0CLESR0	MMPB0		04-128	133	I	XCLRESR0	B16/F1	
B0CLK4M2	MSPPB0		04-120	043	O	XCLK4HM2	B15/F0	
B0CLK4M2	MMPB0		04-128	043	I	XCLK4MH2	B16/F1	
B0CLK86	MSPPB0		04-120	355	O	XCLK86	B15/F0	

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
B0CLK86	MMPB0		04-128	355	IO	NC	B16/F1	
B0CMINT0	MSPPB0		04-120	120	O	CMDINT10	B15/F0	
B0CMINT0	MMPB0		04-128	120	I	CMDINT10	B16/F1	
B0CNTWS0	MSPPB0		04-120	036	I	CONTWS0	B15/F0	
B0CNTWS0	MMPB0		04-128	036	IO	XCONTWS0	B16/F1	
B0CONWS0	MSPPB0		04-120	136	O	XDYRWAT0	B15/F0	
B0CONWS0	MMPB0		04-128	136	I	XDRYWAT0	B16/F1	
B0CSA0	MSPPB0		04-120	202	O	CSA0	B15/F0	
B0CSA0	04-174		04-174	016	O		B24/C5	*
B0CSWND0	MSPPB0		04-120	143	O	XCSWIND0	B15/F0	
B0CSWND0	MMPB0		04-128	143	I	XCSWIND0	B16/F1	
B0D86TR	MSPPB0		04-120	140	O	XD86T1R0	B15/F0	
B0D86TR	MMPB0		04-128	140	IO	NC	B16/F1	
B0DATA00	MSPPB0		04-120	246	I	BYDATA00	B15/F0	
B0DATA00	MMPB0		04-128	246	IO	XDATA00	B16/F1	
B0DATA01	MSPPB0		04-120	346	I	BYDATA01	B15/F0	
B0DATA01	MMPB0		04-128	346	IO	XDATA01	B16/F1	
B0DATA02	MSPPB0		04-120	247	I	BYDATA02	B15/F0	
B0DATA02	MMPB0		04-128	247	IO	XDATA02	B16/F1	
B0DATA03	MSPPB0		04-120	347	I	BYDATA03	B15/F0	
B0DATA03	MMPB0		04-128	347	IO	XDATA03	B16/F1	
B0DATA04	MSPPB0		04-120	248	I	BYDATA04	B15/F0	
B0DATA04	MMPB0		04-128	248	IO	XDATA04	B16/F1	
B0DATA05	MSPPB0		04-120	348	I	BYDATA05	B15/F0	
B0DATA05	MMPB0		04-128	348	IO	XDATA05	B16/F1	
B0DATA06	MSPPB0		04-120	249	I	BYDATA06	B15/F0	
B0DATA06	MMPB0		04-128	249	IO	XDATA06	B16/F1	
B0DATA07	MSPPB0		04-120	349	I	BYDATA07	B15/F0	
B0DATA07	MMPB0		04-128	349	IO	XDATA07	B16/F1	
B0DATPHI	MSPPB0		04-120	354	I	DATPARHI	B15/F0	
B0DATPHI	MMPB0		04-128	354	IO	NC	B16/F1	
B0DATPL	MSPPB0		04-120	254	I	DATPARLO	B15/F0	
B0DATPL	MMPB0		04-128	254	IO	XDATPL	B16/F1	
B0DLYDIR	MSPPB0		04-120	318	I	XDLYDIR0	B15/F0	
B0DLYDIR	MMPB0		04-128	318	IO	XDLYDIR0	B16/F1	
B0DRLRHW	MSPPB0		04-120	137	O	XDIRLRHW	B15/F0	
B0DRLRHW	MMPB0		04-128	137	I	XDIRLRHW	B16/F1	
B0EBYBT0	MSPPB0		04-120	134	I	ENBYBYT0	B15/F0	
B0EBYBT0	MMPB0		04-128	134	IO	XENBYBT0	B16/F1	
B0EHBYT0	MSPPB0		04-120	035	I	ENHIBYT0	B15/F0	
B0EHBYT0	MMPB0		04-128	035	IO	NC	B16/F1	
B0ELBYT0	MSPPB0		04-120	034	I	ENLOBYT0	B15/F0	
B0ELBYT0	MMPB0		04-128	034	O	XENLBYT0	B16/F1	
B0ERR0	MSPPB0		04-120	102	O	ERR0	B15/F0	
B0ERR0	04-174		04-174	007	O		B24/C5	*
B0FUNCN1	MSPPB0		04-120	122	O	XFUNCEN1	B15/F0	
B0FUNCN1	MMPB0		04-128	122	I	XFUNCN1	B16/F1	
B0HLDAK0	MSPPB0		04-120	139	O	XHLDACK0	B15/F0	
B0HLDAK0	MMPB0		04-128	139	I	XHLDACK0	B16/F1	
B0HLDRQ0	MSPPB0		04-120	039	I	XHLDREQ0	B15/F0	
B0HLDRQ0	MMPB0		04-128	039	O	XHLDREQ0	B16/F1	
B0INTAK0	MSPPB0		04-120	138	O	XINTACK0	B15/F0	
B0INTAK0	MMPB0		04-128	138	I	XINTACK0	B16/F1	
B0INTR0	MSPPB0		04-120	302	O	INTR0	B15/F0	
B0INTR0	04-181		04-181	022	O		B24/G3	*
B0INTRQ0	MSPPB0		04-120	038	I	XINTREQ0	B15/F0	
B0INTRQ0	MMPB0		04-128	038	O	XINTREQ0	B16/F1	
B0IORD0	MSPPB0		04-120	041	O	XIORD0	B15/F0	
B0IORD0	MMPB0		04-128	041	I	XIORD0	B16/F1	
B0IOWT0	MSPPB0		04-120	141	O	XIOWT0	B15/F0	
B0IOWT0	MMPB0		04-128	141	I	XIOWT0	B16/F1	
B0LATCH0	MSPPB0		04-120	135	O	XLATCH0	B15/F0	
B0LATCH0	MMPB0		04-128	135	I	XLATCH0	B16/F1	
B0ME1IO0	MSPPB0		04-120	040	O	XMEN1IO0	B15/F0	

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
B0ME1IO0	MMPB0		04-128	040	I	XMEM1IO0	B16/F1	
B0MEMRD0	MSPPB0		04-120	042	IO	XMEMRD	B15/F0	
B0MEMRD0	MMPB0		04-128	042	O	XMEMRD0	B16/F1	
B0MEMWT0	MSPPB0		04-120	142	IO	XMEMWT	B15/F0	
B0MEMWT0	MMPB0		04-128	142	O	XMEMWT0	B16/F1	
B0P1IN	MSPPB0		04-120	037	I	P1IN	B15/F0	
B0P1IN	MMPB0		04-128	037	G	GRD	B16/F1	
B0P2IN	MSPPB0		04-120	118	I	P2IN	B15/F0	
B0P2IN	MMPB0		04-128	118	IO	NC	B16/F1	
B0P3IN	MSPPB0		04-120	218	I	P3IN	B15/F0	
B0P3IN	MMPB0		04-128	218	G	GRD	B16/F1	
B0PARERO	MSPPB0		04-120	121	I	DAT2PE0	B15/F0	
B0PARERO	MMPB0		04-128	121	O	DAT2PE0	B16/F1	
B0PBHE0	MSPPB0		04-120	018	I	PBHE0	B15/F0	
B0PBHE0	MMPB0		04-128	018	O	PBHE0	B16/F1	
B0PCSEL0	MSPPB0		04-120	305	I	PCSEL0	B15/F0	
B0PCSEL0	04-175		04-175	003	I		B24/C8	*
B0PMPCS0	MSPPB0		04-120	119	I	PUMPCS0	B15/F0	
B0PMPCS0	MMPB0		04-128	119	IO	NC	B16/F1	
B0PWRST0	MSPPB0		04-120	022	O	XPWRRST0	B15/F0	
B0PWRST0	MMPB0		04-128	022	I	XPWRRST0	B16/F1	
B0RAS0K1	MSPPB0		04-120	019	I	RA5OK1	B15/F0	
B0RAS0K1	MMPB0		04-128	019	IO	NC	B16/F1	
B0SR0	MSPPB0		04-120	002	O	SR0	B15/F0	
B0SR0	04-175		04-175	022	I		B24/C8	*
B0TVLPB	MSPPB0		04-120	216	IO	NC	B15/F0	
B0TVLPB	MSPPB0		04-120	316	IO	NC	B15/F0	
B0TVLPD	MSPPB0		04-120	214	IO	NC	B15/F0	
B0TVLPD	MSPPB0		04-120	314	IO	NC	B15/F0	
B0WDAT08	MSPPB0		04-120	250	I	WDDATA08	B15/F0	
B0WDAT08	MMPB0		04-128	250	IO	NC	B16/F1	
B0WDAT09	MSPPB0		04-120	350	I	WDDATA09	B15/F0	
B0WDAT09	MMPB0		04-128	350	IO	NC	B16/F1	
B0WDAT10	MSPPB0		04-120	251	I	WDDATA10	B15/F0	
B0WDAT10	MMPB0		04-128	251	IO	NC	B16/F1	
B0WDAT11	MSPPB0		04-120	351	I	WDDATA11	B15/F0	
B0WDAT11	MMPB0		04-128	351	IO	NC	B16/F1	
B0WDAT12	MSPPB0		04-120	252	I	WDDATA12	B15/F0	
B0WDAT12	MMPB0		04-128	252	IO	NC	B16/F1	
B0WDAT13	MSPPB0		04-120	352	I	WDDATA13	B15/F0	
B0WDAT13	MMPB0		04-128	352	IO	NC	B16/F1	
B0WDAT14	MSPPB0		04-120	253	I	WDDATA14	B15/F0	
B0WDAT14	MMPB0		04-128	253	IO	NC	B16/F1	
B0WDAT15	MSPPB0		04-120	353	I	WDDATA15	B15/F0	
B0WDAT15	MMPB0		04-128	353	IO	NC	B16/F1	
B110INT0	MSPPB1		04-136	033	O	X10MSINT	B17/F0	
B110INT0	MMPB1		04-144	033	I	X10MINT0	B18/F1	
B1AD2PE0	MSPPB1		04-136	021	I	ADD2PE0	B17/F0	
B1AD2PE0	MMPB1		04-144	021	IO	ADD2PE0	B18/F1	
B1ADD00	MSPPB1		04-136	046	IO	XADD00	B17/F0	

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LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT
B1ADD00	MMPB1	04-144	046	IO XADD00	B18/F1	
B1ADD01	MSPPB1	04-136	146	IO XADD01	B17/F0	
B1ADD01	MMPB1	04-144	146	IO XADD01	B18/F1	
B1ADD02	MSPPB1	04-136	047	IO XADD02	B17/F0	
B1ADD02	MMPB1	04-144	047	IO XADD02	B18/F1	
B1ADD03	MSPPB1	04-136	147	IO XADD03	B17/F0	
B1ADD03	MMPB1	04-144	147	IO XADD03	B18/F1	
B1ADD04	MSPPB1	04-136	048	IO XADD04	B17/F0	
B1ADD04	MMPB1	04-144	048	IO XADD04	B18/F1	
B1ADD05	MSPPB1	04-136	148	IO XADD05	B17/F0	
B1ADD05	MMPB1	04-144	148	IO XADD05	B18/F1	
B1ADD06	MSPPB1	04-136	049	IO XADD06	B17/F0	
B1ADD06	MMPB1	04-144	049	IO XADD06	B18/F1	
B1ADD07	MSPPB1	04-136	149	IO XADD07	B17/F0	
B1ADD07	MMPB1	04-144	149	IO XADD07	B18/F1	
B1ADD08	MSPPB1	04-136	050	IO XADD08	B17/F0	
B1ADD08	MMPB1	04-144	050	IO XADD08	B18/F1	
B1ADD09	MSPPB1	04-136	150	IO XADD09	B17/F0	
B1ADD09	MMPB1	04-144	150	IO XADD09	B18/F1	
B1ADD10	MSPPB1	04-136	051	IO XADD10	B17/F0	
B1ADD10	MMPB1	04-144	051	IO XADD10	B18/F1	
B1ADD11	MSPPB1	04-136	151	IO XADD11	B17/F0	
B1ADD11	MMPB1	04-144	151	IO XADD11	B18/F1	
B1ADD12	MSPPB1	04-136	052	IO XADD12	B17/F0	
B1ADD12	MMPB1	04-144	052	IO XADD12	B18/F1	
B1ADD13	MSPPB1	04-136	152	IO XADD13	B17/F0	
B1ADD13	MMPB1	04-144	152	IO XADD13	B18/F1	
B1ADD14	MSPPB1	04-136	053	IO XADD14	B17/F0	
B1ADD14	MMPB1	04-144	053	IO XADD14	B18/F1	
B1ADD15	MSPPB1	04-136	153	IO XADD15	B17/F0	
B1ADD15	MMPB1	04-144	153	IO XADD15	B18/F1	
B1ADD16	MSPPB1	04-136	054	IO XADD16	B17/F0	
B1ADD16	MMPB1	04-144	054	IO XADD16	B18/F1	
B1ADD17	MSPPB1	04-136	154	IO XADD17	B17/F0	
B1ADD17	MMPB1	04-144	154	O XADD17	B18/F1	
B1ADD18	MSPPB1	04-136	055	IO XADD18	B17/F0	
B1ADD18	MMPB1	04-144	055	O XADD18	B18/F1	
B1ADD19	MSPPB1	04-136	155	IO XADD19	B17/F0	
B1ADD19	MMPB1	04-144	155	O XADD19	B18/F1	
B1ADDPH	MSPPB1	04-136	255	IO XADDPU	B17/F0	
B1ADDPH	MMPB1	04-144	255	IO XADDPH	B18/F1	
B1ADDPL	MSPPB1	04-136	056	IO XADDPL	B17/F0	
B1ADDPL	MMPB1	04-144	056	IO XADDPL	B18/F1	
B1ADDPM	MSPPB1	04-136	156	IO XADDPH	B17/F0	
B1ADDPM	MMPB1	04-144	156	IO XADDPM	B18/F1	
B1ALWPG0	MSPPB1	04-136	020	O XALWPGE0	B17/F0	
B1ALWPG0	MMPB1	04-144	020	I XALWPGE0	B18/F1	
B1CLESR0	MSPPB1	04-136	133	O XCLRESR0	B17/F0	
B1CLESR0	MMPB1	04-144	133	I XCLRESR0	B18/F1	
B1CLK4M2	MSPPB1	04-136	043	O XCLK4HM2	B17/F0	
B1CLK4M2	MMPB1	04-144	043	I XCLK4MH2	B18/F1	
B1CLK86	MSPPB1	04-136	355	O XCLK86	B17/F0	
B1CLK86	MMPB1	04-144	355	IO NC	B18/F1	
B1CMINT0	MSPPB1	04-136	120	O CMDINT10	B17/F0	
B1CMINT0	MMPB1	04-144	120	I CMDINT10	B18/F1	
B1CNTWS0	MSPPB1	04-136	036	I CONTWS0	B17/F0	
B1CNTWS0	MMPB1	04-144	036	IO XCONTWS0	B18/F1	
B1CONWS0	MSPPB1	04-136	136	O XDYRWAT0	B17/F0	
B1CONWS0	MMPB1	04-144	136	I XDRYWAT0	B18/F1	
B1CSA0	MSPPB1	04-136	202	O CSA0	B17/F0	
B1CSA0	04-174	04-174	017	O	B24/C5	*
B1CSWND0	MSPPB1	04-136	143	O XCSWIND0	B17/F0	
B1CSWND0	MMPB1	04-144	143	I XCSWIND0	B18/F1	
B1D86TR	MSPPB1	04-136	140	O XD86T1R0	B17/F0	

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LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT
B1D86TR	MMPB1	04-144	140	IO NC	B18/F1	
B1DATA00	MSPPB1	04-136	246	I BYDATA00	B17/F0	
B1DATA00	MMPB1	04-144	246	IO XDATA00	B18/F1	
B1DATA01	MSPPB1	04-136	346	I BYDATA01	B17/F0	
B1DATA01	MMPB1	04-144	346	IO XDATA01	B18/F1	
B1DATA02	MSPPB1	04-136	247	I BYDATA02	B17/F0	
B1DATA02	MMPB1	04-144	247	IO XDATA02	B18/F1	
B1DATA03	MSPPB1	04-136	347	I BYDATA03	B17/F0	
B1DATA03	MMPB1	04-144	347	IO XDATA03	B18/F1	
B1DATA04	MSPPB1	04-136	248	I BYDATA04	B17/F0	
B1DATA04	MMPB1	04-144	248	IO XDATA04	B18/F1	
B1DATA05	MSPPB1	04-136	348	I BYDATA05	B17/F0	
B1DATA05	MMPB1	04-144	348	IO XDATA05	B18/F1	
B1DATA06	MSPPB1	04-136	249	I BYDATA06	B17/F0	
B1DATA06	MMPB1	04-144	249	IO XDATA06	B18/F1	
B1DATA07	MSPPB1	04-136	349	I BYDATA07	B17/F0	
B1DATA07	MMPB1	04-144	349	IO XDATA07	B18/F1	
B1DATPHI	MSPPB1	04-136	354	I DATPARHI	B17/F0	
B1DATPHI	MMPB1	04-144	354	IO NC	B18/F1	
B1DATPL	MSPPB1	04-136	254	I DATPARLO	B17/F0	
B1DATPL	MMPB1	04-144	254	IO XDATPL	B18/F1	
B1DLYDIR	MSPPB1	04-136	318	I XDLYDIR0	B17/F0	
B1DLYDIR	MMPB1	04-144	318	IO XDLYDIR0	B18/F1	
B1DRLRHW	MSPPB1	04-136	137	O XDIRLRHW	B17/F0	
B1DRLRHW	MMPB1	04-144	137	I XDIRLRHW	B18/F1	
B1EBYBT0	MSPPB1	04-136	134	I ENBYBYT0	B17/F0	
B1EBYBT0	MMPB1	04-144	134	IO XENBYBT0	B18/F1	
B1EHBYT0	MSPPB1	04-136	035	I ENHIBYT0	B17/F0	
B1EHBYT0	MMPB1	04-144	035	IO NC	B18/F1	
B1ELBYT0	MSPPB1	04-136	034	I ENLOBYT0	B17/F0	
B1ELBYT0	MMPB1	04-144	034	O XENLBYT0	B18/F1	
B1ERR0	MSPPB1	04-136	102	O ERR0	B17/F0	
B1ERR0	04-174	04-174	008	O	B24/C5	*
B1FUNCN1	MSPPB1	04-136	122	O XFUNCEN1	B17/F0	
B1FUNCN1	MMPB1	04-144	122	I XFUNCN1	B18/F1	
B1HLDAK0	MSPPB1	04-136	139	O XHLDACK0	B17/F0	
B1HLDAK0	MMPB1	04-144	139	I XHLDACK0	B18/F1	
B1HLDRQ0	MSPPB1	04-136	039	I XHLDREQ0	B17/F0	
B1HLDRQ0	MMPB1	04-144	039	O XHLDREQ0	B18/F1	
B1INTAK0	MSPPB1	04-136	138	O XINTACK0	B17/F0	
B1INTAK0	MMPB1	04-144	138	I XINTACK0	B18/F1	
B1INTR0	MSPPB1	04-136	302	O INTR0	B17/F0	
B1INTR0	04-180	04-180	022	O	B24/G1	*
B1INTRQ0	MSPPB1	04-136	038	I XINTREQ0	B17/F0	
B1INTRQ0	MMPB1	04-144	038	O XINTREQ0	B18/F1	
B1IORD0	MSPPB1	04-136	041	O XIORD0	B17/F0	
B1IORD0	MMPB1	04-144	041	I XIORD0	B18/F1	
B1IOWT0	MSPPB1	04-136	141	O XIOWT0	B17/F0	
B1IOWT0	MMPB1	04-144	141	I XIOWT0	B18/F1	
B1LATCH0	MSPPB1	04-136	135	O XLATCH0	B17/F0	
B1LATCH0	MMPB1	04-144	135	I XLATCH0	B18/F1	
B1ME1IO0	MSPPB1	04-136	040	O XMEN1IO0	B17/F0	
B1ME1IO0	MMPB1	04-144	040	I XMEM1IO0	B18/F1	
B1MEMRD0	MSPPB1	04-136	042	IO XMEMRD	B17/F0	
B1MEMRD0	MMPB1	04-144	042	O XMEMRD0	B18/F1	
B1MEMWT0	MSPPB1	04-136	142	IO XMEMWT	B17/F0	
B1MEMWT0	MMPB1	04-144	142	O XMEMWT0	B18/F1	
B1P1IN	MSPPB1	04-136	037	I P1IN	B17/F0	
B1P1IN	MMPB1	04-144	037	G GRD	B18/F1	
B1P2IN	MSPPB1	04-136	118	I P2IN	B17/F0	
B1P2IN	MMPB1	04-144	118	IO NC	B18/F1	
B1P3IN	MSPPB1	04-136	218	I P3IN	B17/F0	
B1P3IN	MMPB1	04-144	218	G GRD	B18/F1	
B1PARER0	MSPPB1	04-136	121	I DAT2PE0	B17/F0	

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LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT
B1PARER0	MMPB1	04-144	121	O DAT2PE0	B18/F1	
B1PBHE0	MSPPB1	04-136	018	I PBHE0	B17/F0	
B1PBHE0	MMPB1	04-144	018	O PBHE0	B18/F1	
B1PCSEL0	MSPPB1	04-136	305	I PCSEL0	B17/F0	
B1PCSEL0	04-175	04-175	004	O	B24/C8	*
B1PMPCS0	MSPPB1	04-136	119	I PUMPCS0	B17/F0	
B1PMPCS0	MMPB1	04-144	119	IO NC	B18/F1	
B1PWRST0	MSPPB1	04-136	022	O XPWRRST0	B17/F0	
B1PWRST0	MMPB1	04-144	022	I XPWRRST0	B18/F1	
B1RAS0K1	MSPPB1	04-136	019	I RA5OK1	B17/F0	
B1RAS0K1	MMPB1	04-144	019	IO NC	B18/F1	
B1SR0	MSPPB1	04-136	002	O SR0	B17/F0	
B1SR0	04-174	04-174	022	O	B24/C5	*
B1TVLPB	MSPPB1	04-136	216	IO NC	B17/F0	
B1TVLPB	MSPPB1	04-136	316	IO NC	B17/F0	
B1TVLPD	MSPPB1	04-136	214	IO NC	B17/F0	
B1TVLPD	MSPPB1	04-136	314	IO NC	B17/F0	
B1WDAT08	MSPPB1	04-136	250	I WDDATA08	B17/F0	
B1WDAT08	MMPB1	04-144	250	IO NC	B18/F1	
B1WDAT09	MSPPB1	04-136	350	I WDDATA09	B17/F0	
B1WDAT09	MMPB1	04-144	350	IO NC	B18/F1	
B1WDAT10	MSPPB1	04-136	251	I WDDATA10	B17/F0	
B1WDAT10	MMPB1	04-144	251	IO NC	B18/F1	
B1WDAT11	MSPPB1	04-136	351	I WDDATA11	B17/F0	
B1WDAT11	MMPB1	04-144	351	IO NC	B18/F1	
B1WDAT12	MSPPB1	04-136	252	I WDDATA12	B17/F0	
B1WDAT12	MMPB1	04-144	252	IO NC	B18/F1	
B1WDAT13	MSPPB1	04-136	352	I WDDATA13	B17/F0	
B1WDAT13	MMPB1	04-144	352	IO NC	B18/F1	
B1WDAT14	MSPPB1	04-136	253	I WDDATA14	B17/F0	
B1WDAT14	MMPB1	04-144	253	IO NC	B18/F1	
B1WDAT15	MSPPB1	04-136	353	I WDDATA15	B17/F0	
B1WDAT15	MMPB1	04-144	353	IO NC	B18/F1	
B210INT0	MSPPB2	04-152	033	O X10MSINT	B19/E0	
B210INT0	MMPB2	04-160	033	I X10MINT0	B20/F1	
B2AD2PE0	MSPPB2	04-152	021	I ADD2PE0	B19/E0	
B2AD2PE0	MMPB2	04-160	021	IO ADD2PE0	B20/F1	
B2ADD00	MSPPB2	04-152	046	IO XADD00	B19/E0	
B2ADD00	MMPB2	04-160	046	IO XADD00	B20/F1	
B2ADD01	MSPPB2	04-152	146	IO XADD01	B19/E0	
B2ADD01	MMPB2	04-160	146	IO XADD01	B20/F1	
B2ADD02	MSPPB2	04-152	047	IO XADD02	B19/E0	
B2ADD02	MMPB2	04-160	047	IO XADD02	B20/F1	
B2ADD03	MSPPB2	04-152	147	IO XADD03	B19/E0	
B2ADD03	MMPB2	04-160	147	IO XADD03	B20/F1	
B2ADD04	MSPPB2	04-152	048	IO XADD04	B19/E0	
B2ADD04	MMPB2	04-160	048	IO XADD04	B20/F1	
B2ADD05	MSPPB2	04-152	148	IO XADD05	B19/E0	
B2ADD05	MMPB2	04-160	148	IO XADD05	B20/F1	
B2ADD06	MSPPB2	04-152	049	IO XADD06	B19/E0	

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B2ADD06	MMPB2	04-160	049	IO XADD06	B20/F1	
B2ADD07	MSPPB2	04-152	149	IO XADD07	B19/E0	
B2ADD07	MMPB2	04-160	149	IO XADD07	B20/F1	
B2ADD08	MSPPB2	04-152	050	IO XADD08	B19/E0	
B2ADD08	MMPB2	04-160	050	IO XADD08	B20/F1	
B2ADD09	MSPPB2	04-152	150	IO XADD09	B19/E0	
B2ADD09	MMPB2	04-160	150	IO XADD09	B20/F1	
B2ADD10	MSPPB2	04-152	051	IO XADD10	B19/E0	
B2ADD10	MMPB2	04-160	051	IO XADD10	B20/F1	
B2ADD11	MSPPB2	04-152	151	IO XADD11	B19/E0	
B2ADD11	MMPB2	04-160	151	IO XADD11	B20/F1	
B2ADD12	MSPPB2	04-152	052	IO XADD12	B19/E0	
B2ADD12	MMPB2	04-160	052	IO XADD12	B20/F1	
B2ADD13	MSPPB2	04-152	152	IO XADD13	B19/E0	
B2ADD13	MMPB2	04-160	152	IO XADD13	B20/F1	
B2ADD14	MSPPB2	04-152	053	IO XADD14	B19/E0	
B2ADD14	MMPB2	04-160	053	IO XADD14	B20/F1	
B2ADD15	MSPPB2	04-152	153	IO XADD15	B19/E0	
B2ADD15	MMPB2	04-160	153	IO XADD15	B20/F1	
B2ADD16	MSPPB2	04-152	054	IO XADD16	B19/E0	
B2ADD16	MMPB2	04-160	054	IO XADD16	B20/F1	
B2ADD17	MSPPB2	04-152	154	IO XADD17	B19/E0	
B2ADD17	MMPB2	04-160	154	O XADD17	B20/F1	
B2ADD18	MSPPB2	04-152	055	IO XADD18	B19/E0	
B2ADD18	MMPB2	04-160	055	O XADD18	B20/F1	
B2ADD19	MSPPB2	04-152	155	IO XADD19	B19/E0	
B2ADD19	MMPB2	04-160	155	O XADD19	B20/F1	
B2ADDPH	MSPPB2	04-152	255	IO XADDPU	B19/E0	
B2ADDPH	MMPB2	04-160	255	IO XADDPH	B20/F1	
B2ADDPL	MSPPB2	04-152	056	IO XADDPL	B19/E0	
B2ADDPL	MMPB2	04-160	056	IO XADDPL	B20/F1	
B2ADDPM	MSPPB2	04-152	156	IO XADDPH	B19/E0	
B2ADDPM	MMPB2	04-160	156	IO XADDPM	B20/F1	
B2ALWPG0	MSPPB2	04-152	020	O XALWPGE0	B19/E0	
B2ALWPG0	MMPB2	04-160	020	I XALWPGE0	B20/F1	
B2CLESR0	MSPPB2	04-152	133	O XCLRESR0	B19/E0	
B2CLESR0	MMPB2	04-160	133	I XCLRESR0	B20/F1	
B2CLK4M2	MSPPB2	04-152	043	O XCLK4HM2	B19/E0	
B2CLK4M2	MMPB2	04-160	043	I XCLK4MH2	B20/F1	
B2CLK86	MSPPB2	04-152	355	O XCLK86	B19/E0	
B2CLK86	MMPB2	04-160	355	IO NC	B20/F1	
B2CMINT0	MSPPB2	04-152	120	O CMDINT10	B19/E0	
B2CMINT0	MMPB2	04-160	120	I CMDINT10	B20/F1	
B2CNTWS0	MSPPB2	04-152	036	I CONTWS0	B19/E0	
B2CNTWS0	MMPB2	04-160	036	IO XCONTWS0	B20/F1	
B2CONWS0	MSPPB2	04-152	136	O XDYRWAT0	B19/E0	
B2CONWS0	MMPB2	04-160	136	I XDRYWAT0	B20/F1	
B2CSA0	MSPPB2	04-152	202	O CSA0	B19/E0	
B2CSA0	04-174	04-174	018	O	B24/C5	*
B2CSWND0	MSPPB2	04-152	143	O XCSWIND0	B19/E0	
B2CSWND0	MMPB2	04-160	143	I XCSWIND0	B20/F1	
B2D86TR	MSPPB2	04-152	140	O XD86T1R0	B19/E0	
B2D86TR	MMPB2	04-160	140	IO NC	B20/F1	
B2DATA00	MSPPB2	04-152	246	I BYDATA00	B19/E0	
B2DATA00	MMPB2	04-160	246	IO XDATA00	B20/F1	
B2DATA01	MSPPB2	04-152	346	I BYDATA01	B19/E0	
B2DATA01	MMPB2	04-160	346	IO XDATA01	B20/F1	
B2DATA02	MSPPB2	04-152	247	I BYDATA02	B19/E0	
B2DATA02	MMPB2	04-160	247	IO XDATA02	B20/F1	
B2DATA03	MSPPB2	04-152	347	I BYDATA03	B19/E0	
B2DATA03	MMPB2	04-160	347	IO XDATA03	B20/F1	
B2DATA04	MSPPB2	04-152	248	I BYDATA04	B19/E0	
B2DATA04	MMPB2	04-160	248	IO XDATA04	B20/F1	
B2DATA05	MSPPB2	04-152	348	I BYDATA05	B19/E0	

LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT
B2DATA05	MMPB2	04-160	348	IO XDATA05	B20/F1	
B2DATA06	MSPPB2	04-152	249	I BYDATA06	B19/E0	
B2DATA06	MMPB2	04-160	249	IO XDATA06	B20/F1	
B2DATA07	MSPPB2	04-152	349	I BYDATA07	B19/E0	
B2DATA07	MMPB2	04-160	349	IO XDATA07	B20/F1	
B2DATPHI	MSPPB2	04-152	354	I DATPARHI	B19/E0	
B2DATPHI	MMPB2	04-160	354	IO NC	B20/F1	
B2DATPL	MSPPB2	04-152	254	I DATPARLO	B19/E0	
B2DATPL	MMPB2	04-160	254	IO XDATPL	B20/F1	
B2DLYDIR	MSPPB2	04-152	318	I XDLYDIR0	B19/E0	
B2DLYDIR	MMPB2	04-160	318	IO XDLYDIR0	B20/F1	
B2DRLRHW	MSPPB2	04-152	137	O XDIRLRHW	B19/E0	
B2DRLRHW	MMPB2	04-160	137	I XDIRLRHW	B20/F1	
B2EBYBT0	MSPPB2	04-152	134	I ENBYBYT0	B19/E0	
B2EBYBT0	MMPB2	04-160	134	IO XENBYBT0	B20/F1	
B2EHBYT0	MSPPB2	04-152	035	I ENHIBYT0	B19/E0	
B2EHBYT0	MMPB2	04-160	035	IO NC	B20/F1	
B2ELBYT0	MSPPB2	04-152	034	I ENLOBYT0	B19/E0	
B2ELBYT0	MMPB2	04-160	034	O XENLBYT0	B20/F1	
B2ERR0	MSPPB2	04-152	102	O ERR0	B19/E0	
B2ERR0	04-174	04-174	009	O	B24/C5	*
B2FUNCN1	MSPPB2	04-152	122	O XFUNCEN1	B19/E0	
B2FUNCN1	MMPB2	04-160	122	I XFUNCN1	B20/F1	
B2HLDAK0	MSPPB2	04-152	139	O XHLDACK0	B19/E0	
B2HLDAK0	MMPB2	04-160	139	I XHLDACK0	B20/F1	
B2HLDRQ0	MSPPB2	04-152	039	I XHLDREQ0	B19/E0	
B2HLDRQ0	MMPB2	04-160	039	O XHLDREQ0	B20/F1	
B2INTAK0	MSPPB2	04-152	138	O XINTACK0	B19/E0	
B2INTAK0	MMPB2	04-160	138	I XINTACK0	B20/F1	
B2INTR0	MSPPB2	04-152	302	O INTR0	B19/E0	
B2INTR0	04-181	04-181	023	O	B24/G3	*
B2INTRQ0	MSPPB2	04-152	038	I XINTREQ0	B19/E0	
B2INTRQ0	MMPB2	04-160	038	O XINTREQ0	B20/F1	
B2IORD0	MSPPB2	04-152	041	O XIORD0	B19/E0	
B2IORD0	MMPB2	04-160	041	I XIORD0	B20/F1	
B2IOWT0	MSPPB2	04-152	141	O XIOWT0	B19/E0	
B2IOWT0	MMPB2	04-160	141	I XIOWT0	B20/F1	
B2LATCH0	MSPPB2	04-152	135	O XLATCH0	B19/E0	
B2LATCH0	MMPB2	04-160	135	I XLATCH0	B20/F1	
B2ME1IO0	MSPPB2	04-152	040	O XMEN1IO0	B19/E0	
B2ME1IO0	MMPB2	04-160	040	I XMEM1IO0	B20/F1	
B2MEMRD0	MSPPB2	04-152	042	IO XMEMRD	B19/E0	
B2MEMRD0	MMPB2	04-160	042	O XMEMRD0	B20/F1	
B2MEMWT0	MSPPB2	04-152	142	IO XMEMWT	B19/E0	
B2MEMWT0	MMPB2	04-160	142	O XMEMWT0	B20/F1	
B2P1IN	MSPPB2	04-152	037	I P1IN	B19/E0	
B2P1IN	MMPB2	04-160	037	G GRD	B20/F1	
B2P2IN	MSPPB2	04-152	118	I P2IN	B19/E0	
B2P2IN	MMPB2	04-160	118	IO NC	B20/F1	
B2P3IN	MSPPB2	04-152	218	I P3IN	B19/E0	
B2P3IN	MMPB2	04-160	218	G GRD	B20/F1	
B2PARER0	MSPPB2	04-152	121	I DAT2PE0	B19/E0	
B2PARER0	MMPB2	04-160	121	O DAT2PE0	B20/F1	
B2PBHE0	MSPPB2	04-152	018	I PBHE0	B19/E0	
B2PBHE0	MMPB2	04-160	018	O PBHE0	B20/F1	
B2PCSEL0	MSPPB2	04-152	305	I PCSEL0	B19/E0	
B2PCSEL0	04-175	04-175	005	I	B24/C8	*
B2PMPCS0	MSPPB2	04-152	119	I PUMPCS0	B19/E0	
B2PMPCS0	MMPB2	04-160	119	IO NC	B20/F1	
B2PWRST0	MSPPB2	04-152	022	O XPWRRST0	B19/E0	
B2PWRST0	MMPB2	04-160	022	I XPWRRST0	B20/F1	
B2RAS0K1	MSPPB2	04-152	019	I RA5OK1	B19/E0	
B2RAS0K1	MMPB2	04-160	019	IO NC	B20/F1	
B2SR0	MSPPB2	04-152	002	O SR0	B19/E0	

LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT
B2SR0	04-175	04-175	023	I	B24/C8	*
B2TVLPB	MSPPB2	04-152	216	IO NC	B19/E0	
B2TVLPB	MSPPB2	04-152	316	IO NC	B19/E0	
B2TVLPD	MSPPB2	04-152	214	IO NC	B19/E0	
B2TVLPD	MSPPB2	04-152	314	IO NC	B19/E0	
B2WDAT08	MSPPB2	04-152	250	I WDDATA08	B19/E0	
B2WDAT08	MMPB2	04-160	250	IO NC	B20/F1	
B2WDAT09	MSPPB2	04-152	350	I WDDATA09	B19/E0	
B2WDAT09	MMPB2	04-160	350	IO NC	B20/F1	
B2WDAT10	MSPPB2	04-152	251	I WDDATA10	B19/E0	
B2WDAT10	MMPB2	04-160	251	IO NC	B20/F1	
B2WDAT11	MSPPB2	04-152	351	I WDDATA11	B19/E0	
B2WDAT11	MMPB2	04-160	351	IO NC	B20/F1	
B2WDAT12	MSPPB2	04-152	252	I WDDATA12	B19/E0	
B2WDAT12	MMPB2	04-160	252	IO NC	B20/F1	
B2WDAT13	MSPPB2	04-152	352	I WDDATA13	B19/E0	
B2WDAT13	MMPB2	04-160	352	IO NC	B20/F1	
B2WDAT14	MSPPB2	04-152	253	I WDDATA14	B19/E0	
B2WDAT14	MMPB2	04-160	253	IO NC	B20/F1	
B2WDAT15	MSPPB2	04-152	353	I WDDATA15	B19/E0	
B2WDAT15	MMPB2	04-160	353	IO NC	B20/F1	
B310INT0	MSPPB3	04-168	033	O X10MSINT	B21/F0	
B310INT0	MMPB3	04-176	033	I X10MINT0	B22/F1	
B3AD2PE0	MSPPB3	04-168	021	I ADD2PE0	B21/F0	
B3AD2PE0	MMPB3	04-176	021	IO ADD2PE0	B22/F1	
B3ADD00	MSPPB3	04-168	046	IO XADD00	B21/F0	
B3ADD00	MMPB3	04-176	046	IO XADD00	B22/F1	
B3ADD01	MSPPB3	04-168	146	IO XADD01	B21/F0	
B3ADD01	MMPB3	04-176	146	IO XADD01	B22/F1	
B3ADD02	MSPPB3	04-168	047	IO XADD02	B21/F0	
B3ADD02	MMPB3	04-176	047	IO XADD02	B22/F1	
B3ADD03	MSPPB3	04-168	147	IO XADD03	B21/F0	
B3ADD03	MMPB3	04-176	147	IO XADD03	B22/F1	
B3ADD04	MSPPB3	04-168	048	IO XADD04	B21/F0	
B3ADD04	MMPB3	04-176	048	IO XADD04	B22/F1	
B3ADD05	MSPPB3	04-168	148	IO XADD05	B21/F0	
B3ADD05	MMPB3	04-176	148	IO XADD05	B22/F1	
B3ADD06	MSPPB3	04-168	049	IO XADD06	B21/F0	
B3ADD06	MMPB3	04-176	049	IO XADD06	B22/F1	
B3ADD07	MSPPB3	04-168	149	IO XADD07	B21/F0	
B3ADD07	MMPB3	04-176	149	IO XADD07	B22/F1	
B3ADD08	MSPPB3	04-168	050	IO XADD08	B21/F0	
B3ADD08	MMPB3	04-176	050	IO XADD08	B22/F1	
B3ADD09	MSPPB3	04-168	150	IO XADD09	B21/F0	
B3ADD09	MMPB3	04-176	150	IO XADD09	B22/F1	
B3ADD10	MSPPB3	04-168	051	IO XADD10	B21/F0	
B3ADD10	MMPB3	04-176	051	IO XADD10	B22/F1	
B3ADD11	MSPPB3	04-168	151	IO XADD11	B21/F0	
B3ADD11	MMPB3	04-176	151	IO XADD11	B22/F1	
B3ADD12	MSPPB3	04-168	052	IO XADD12	B21/F0	

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
B3ADD12	MMPB3	04-176	052	IO	XADD12	B22/F1	
B3ADD13	MSPPB3	04-168	152	IO	XADD13	B21/F0	
B3ADD13	MMPB3	04-176	152	IO	XADD13	B22/F1	
B3ADD14	MSPPB3	04-168	053	IO	XADD14	B21/F0	
B3ADD14	MMPB3	04-176	053	IO	XADD14	B22/F1	
B3ADD15	MSPPB3	04-168	153	IO	XADD15	B21/F0	
B3ADD15	MMPB3	04-176	153	IO	XADD15	B22/F1	
B3ADD16	MSPPB3	04-168	054	IO	XADD16	B21/F0	
B3ADD16	MMPB3	04-176	054	IO	XADD16	B22/F1	
B3ADD17	MSPPB3	04-168	154	IO	XADD17	B21/F0	
B3ADD17	MMPB3	04-176	154	O	XADD17	B22/F1	
B3ADD18	MSPPB3	04-168	055	IO	XADD18	B21/F0	
B3ADD18	MMPB3	04-176	055	O	XADD18	B22/F1	
B3ADD19	MSPPB3	04-168	155	IO	XADD19	B21/F0	
B3ADD19	MMPB3	04-176	155	O	XADD19	B22/F1	
B3ADDPH	MSPPB3	04-168	255	IO	XADDPU	B21/F0	
B3ADDPH	MMPB3	04-176	255	IO	XADDPH	B22/F1	
B3ADDPL	MSPPB3	04-168	056	IO	XADDPL	B21/F0	
B3ADDPL	MMPB3	04-176	056	IO	XADDPL	B22/F1	
B3ADDPM	MSPPB3	04-168	156	IO	XADDPH	B21/F0	
B3ADDPM	MMPB3	04-176	156	IO	XADDPM	B22/F1	
B3ALWPG0	MSPPB3	04-168	020	O	XALWPGE0	B21/F0	
B3ALWPG0	MMPB3	04-176	020	I	XALWPGE0	B22/F1	
B3CLESR0	MSPPB3	04-168	133	O	XCLRESR0	B21/F0	
B3CLESR0	MMPB3	04-176	133	I	XCLRESR0	B22/F1	
B3CLK4M2	MSPPB3	04-168	043	O	XCLK4HM2	B21/F0	
B3CLK4M2	MMPB3	04-176	043	I	XCLK4MH2	B22/F1	
B3CLK86	MSPPB3	04-168	355	O	XCLK86	B21/F0	
B3CLK86	MMPB3	04-176	355	IO	NC	B22/F1	
B3CMINT0	MSPPB3	04-168	120	O	CMDINT10	B21/F0	
B3CMINT0	MMPB3	04-176	120	I	CMDINT10	B22/F1	
B3CNTWS0	MSPPB3	04-168	036	I	CONTWS0	B21/F0	
B3CNTWS0	MMPB3	04-176	036	IO	XCONTWS0	B22/F1	
B3CONWS0	MSPPB3	04-168	136	O	XDYRWAT0	B21/F0	
B3CONWS0	MMPB3	04-176	136	I	XDRYWAT0	B22/F1	
B3CSA0	MSPPB3	04-168	202	O	CSA0	B21/F0	
B3CSA0	04-174	04-174	019	O		B24/C5	*
B3CSWND0	MSPPB3	04-168	143	O	XCSWIND0	B21/F0	
B3CSWND0	MMPB3	04-176	143	I	XCSWIND0	B22/F1	
B3D86TR	MSPPB3	04-168	140	O	XD86T1R0	B21/F0	
B3D86TR	MMPB3	04-176	140	IO	NC	B22/F1	
B3DATA00	MSPPB3	04-168	246	I	BYDATA00	B21/F0	
B3DATA00	MMPB3	04-176	246	IO	XDATA00	B22/F1	
B3DATA01	MSPPB3	04-168	346	I	BYDATA01	B21/F0	
B3DATA01	MMPB3	04-176	346	IO	XDATA01	B22/F1	
B3DATA02	MSPPB3	04-168	247	I	BYDATA02	B21/F0	
B3DATA02	MMPB3	04-176	247	IO	XDATA02	B22/F1	
B3DATA03	MSPPB3	04-168	347	I	BYDATA03	B21/F0	
B3DATA03	MMPB3	04-176	347	IO	XDATA03	B22/F1	
B3DATA04	MSPPB3	04-168	248	I	BYDATA04	B21/F0	
B3DATA04	MMPB3	04-176	248	IO	XDATA04	B22/F1	
B3DATA05	MSPPB3	04-168	348	I	BYDATA05	B21/F0	
B3DATA05	MMPB3	04-176	348	IO	XDATA05	B22/F1	
B3DATA06	MSPPB3	04-168	249	I	BYDATA06	B21/F0	
B3DATA06	MMPB3	04-176	249	IO	XDATA06	B22/F1	
B3DATA07	MSPPB3	04-168	349	I	BYDATA07	B21/F0	
B3DATA07	MMPB3	04-176	349	IO	XDATA07	B22/F1	
B3DATPHI	MSPPB3	04-168	354	I	DATPARHI	B21/F0	
B3DATPHI	MMPB3	04-176	354	IO	NC	B22/F1	
B3DATPL	MSPPB3	04-168	254	I	DATPARLO	B21/F0	
B3DATPL	MMPB3	04-176	254	IO	XDATPL	B22/F1	
B3DLYDIR	MSPPB3	04-168	318	I	XDLYDIR0	B21/F0	
B3DLYDIR	MMPB3	04-176	318	IO	XDLYDIR0	B22/F1	
B3DRLRHW	MSPPB3	04-168	137	O	XDIRLRHW	B21/F0	

LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
B3DRLRHW	MMPB3	04-176	137	I	XDIRLRHW	B22/F1	
B3EBYBT0	MSPPB3	04-168	134	I	ENBYBYT0	B21/F0	
B3EBYBT0	MMPB3	04-176	134	IO	XENBYBT0	B22/F1	
B3EHBYT0	MSPPB3	04-168	035	I	ENHIBYT0	B21/F0	
B3EHBYT0	MMPB3	04-176	035	IO	NC	B22/F1	
B3ELBYT0	MSPPB3	04-168	034	I	ENLOBYT0	B21/F0	
B3ELBYT0	MMPB3	04-176	034	O	XENLBYT0	B22/F1	
B3ERR0	MSPPB3	04-168	102	O	ERR0	B21/F0	
B3ERR0	04-174	04-174	010	O		B24/C5	*
B3FUNCN1	MSPPB3	04-168	122	O	XFUNCEN1	B21/F0	
B3FUNCN1	MMPB3	04-176	122	I	XFUNCN1	B22/F1	
B3HLDAK0	MSPPB3	04-168	139	O	XHLDACK0	B21/F0	
B3HLDAK0	MMPB3	04-176	139	I	XHLDACK0	B22/F1	
B3HLDRQ0	MSPPB3	04-168	039	I	XHLDREQ0	B21/F0	
B3HLDRQ0	MMPB3	04-176	039	O	XHLDREQ0	B22/F1	
B3INTAK0	MSPPB3	04-168	138	O	XINTACK0	B21/F0	
B3INTAK0	MMPB3	04-176	138	I	XINTACK0	B22/F1	
B3INTR0	MSPPB3	04-168	302	O	INTR0	B21/F0	
B3INTR0	04-180	04-180	023	O		B24/G1	*
B3INTRQ0	MSPPB3	04-168	038	I	XINTREQ0	B21/F0	
B3INTRQ0	MMPB3	04-176	038	O	XINTREQ0	B22/F1	
B3IORD0	MSPPB3	04-168	041	O	XIORD0	B21/F0	
B3IORD0	MMPB3	04-176	041	I	XIORD0	B22/F1	
B3IOWT0	MSPPB3	04-168	141	O	XIOWT0	B21/F0	
B3IOWT0	MMPB3	04-176	141	I	XIOWT0	B22/F1	
B3LATCH0	MSPPB3	04-168	135	O	XLATCH0	B21/F0	
B3LATCH0	MMPB3	04-176	135	I	XLATCH0	B22/F1	
B3ME1IO0	MSPPB3	04-168	040	O	XMEN1IO0	B21/F0	
B3ME1IO0	MMPB3	04-176	040	I	XMEM1IO0	B22/F1	
B3MEMRD0	MSPPB3	04-168	042	IO	XMEMRD	B21/F0	
B3MEMRD0	MMPB3	04-176	042	O	XMEMRD0	B22/F1	
B3MEMWT0	MSPPB3	04-168	142	IO	XMEMWT	B21/F0	
B3MEMWT0	MMPB3	04-176	142	O	XMEMWT0	B22/F1	
B3P1IN	MSPPB3	04-168	037	I	P1IN	B21/F0	
B3P1IN	MMPB3	04-176	037	G	GRD	B22/F1	
B3P2IN	MSPPB3	04-168	118	I	P2IN	B21/F0	
B3P2IN	MMPB3	04-176	118	IO	NC	B22/F1	
B3P3IN	MSPPB3	04-168	218	I	P3IN	B21/F0	
B3P3IN	MMPB3	04-176	218	G	GRD	B22/F1	
B3PARER0	MSPPB3	04-168	121	I	DAT2PE0	B21/F0	
B3PARER0	MMPB3	04-176	121	O	DAT2PE0	B22/F1	
B3PBHE0	MSPPB3	04-168	018	I	PBHE0	B21/F0	
B3PBHE0	MMPB3	04-176	018	O	PBHE0	B22/F1	
B3PCSEL0	MSPPB3	04-168	305	I	PCSEL0	B21/F0	
B3PCSEL0	04-175	04-175	006	O		B24/C8	*
B3PMPCS0	MSPPB3	04-168	119	I	PUMPCS0	B21/F0	
B3PMPCS0	MMPB3	04-176	119	IO	NC	B22/F1	
B3PWRST0	MSPPB3	04-168	022	O	XPWRRST0	B21/F0	
B3PWRST0	MMPB3	04-176	022	I	XPWRRST0	B22/F1	
B3RA5OK1	MSPPB3	04-168	019	I	RA5OK1	B21/F0	
B3RA5OK1	MMPB3	04-176	019	IO	NC	B22/F1	
B3SR0	MSPPB3	04-168	002	O	SR0	B21/F0	
B3SR0	04-174	04-174	023	O		B24/D5	*
B3TVLPB	MSPPB3	04-168	216	IO	NC	B21/F0	
B3TVLPB	MSPPB3	04-168	316	IO	NC	B21/F0	
B3TVLPD	MSPPB3	04-168	214	IO	NC	B21/F0	
B3TVLPD	MSPPB3	04-168	314	IO	NC	B21/F0	
B3WDAT08	MSPPB3	04-168	250	I	WDDATA08	B21/F0	
B3WDAT08	MMPB3	04-176	250	IO	NC	B22/F1	
B3WDAT09	MSPPB3	04-168	350	I	WDDATA09	B21/F0	
B3WDAT09	MMPB3	04-176	350	IO	NC	B22/F1	
B3WDAT10	MSPPB3	04-168	251	I	WDDATA10	B21/F0	
B3WDAT10	MMPB3	04-176	251	IO	NC	B22/F1	
B3WDAT11	MSPPB3	04-168	351	I	WDDATA11	B21/F0	

LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
B3WDAT11	MMPB3	04-176	351	IO	NC	B22/F1	
B3WDAT12	MSPPB3	04-168	252	I	WDDATA12	B21/F0	
B3WDAT12	MMPB3	04-176	252	IO	NC	B22/F1	
B3WDAT13	MSPPB3	04-168	352	I	WDDATA13	B21/F0	
B3WDAT13	MMPB3	04-176	352	IO	NC	B22/F1	
B3WDAT14	MSPPB3	04-168	253	I	WDDATA14	B21/F0	
B3WDAT14	MMPB3	04-176	253	IO	NC	B22/F1	
B3WDAT15	MSPPB3	04-168	353	I	WDDATA15	B21/F0	
B3WDAT15	MMPB3	04-176	353	IO	NC	B22/F1	
BALMC1	BMSPUCD	04-096	123	O	CARD	B13/F2	
BALMC1	BMSPUCD	04-096	148	I	PINT	B13/F2	
BALMC1	BPWRCONV	04-112	113	IO	BALMC1	B14/F1	
BALMC2	BMSPUCD	04-096	117	I	AD	B13/F2	
BALMC2	BMSPUCD	04-096	145	IO	NC	B13/F2	*
BALMC2	BPWRCONV	04-112	014	IO	BALMC2	B14/F1	
BCLKON	MMPB0	04-128	235	I	OCLKN	B16/F1	
BCLKON	MMPB1	04-144	235	I	OCLKN	B18/F1	
BCLKON	MMPB2	04-160	235	I	OCLKN	B20/F1	
BCLKON	MMPB3	04-176	235	I	OCLKN	B22/F1	*
BCLKOP	MMPB0	04-128	335	I	OCLKP	B16/F1	
BCLKOP	MMPB1	04-144	335	I	OCLKP	B18/F1	
BCLKOP	MMPB2	04-160	335	I	OCLKP	B20/F1	
BCLKOP	MMPB3	04-176	335	I	OCLKP	B22/F1	*
BCLK1N	MMPB0	04-128	240	I	1CLKN	B16/F1	
BCLK1N	MMPB1	04-144	240	I	1CLKN	B18/F1	
BCLK1N	MMPB2	04-160	240	I	1CLKN	B20/F1	
BCLK1N	MMPB3	04-176	240	I	1CLKN	B22/F1	*
BCLK1P	MMPB0	04-128	340	I	1CLKP	B16/F1	
BCLK1P	MMPB1	04-144	340	I	1CLKP	B18/F1	
BCLK1P	MMPB2	04-160	340	I	1CLKP	B20/F1	
BCLK1P	MMPB3	04-176	340	I	1CLKP	B22/F1	*
BCMDINT0	MSPPB0	04-120	303	I	CMDINT0	B15/F0	
BCMDINT0	MSPPB1	04-136	303	I	CMDINT0	B17/F0	
BCMDINT0	MSPPB2	04-152	303	I	CMDINT0	B19/E0	
BCMDINT0	MSPPB3	04-168	303	I	CMDINT0	B21/F0	
BCMDINT0	04-175	04-175	020	I		B24/B8	*
BCURPR0	BPWRCONV	04-112	017	IO	BCURPR0	B14/F1	
BCURPR0	MSPPB0	04-120	012	IO	NCURPR	B15/F0	
BCURPR0	MMPB0	04-128	112	IO	XCURPR0	B16/F1	
BCURPR0	MSPPB1	04-136	012	IO	NCURPR	B17/F0	
BCURPR0	MMPB1	04-144	112	IO	XCURPR0	B18/F1	
BCURPR0	MSPPB2	04-152	012	IO	NCURPR	B19/E0	
BCURPR0	MMPB2	04-160	112	IO	XCURPR0	B20/F1	
BCURPR0	MSPPB3	04-168	012	IO	NCURPR	B21/F0	
BCURPR0	MMPB3	04-176	112	IO	XCURPR0	B22/F1	
BCURPR1	BPWRCONV	04-112	117	IO	BCURPR1	B14/F1	
BCURPR1	MSPPB0	04-120	112	IO	PCURPR	B15/F0	
BCURPR1	MMPB0	04-128	012	IO	XCURPR1	B16/F1	
BCURPR1	MSPPB1	04-136	112	IO	PCURPR	B17/F0	
BCURPR1	MMPB1	04-144	012	IO	XCURPR1	B18/F1	
BCURPR1	MSPPB2	04-152	112	IO	PCURPR	B19/E0	
BCURPR1	MMPB2	04-160	012	IO	XCURPR1	B20/F1	
BCURPR1	MSPPB3	04-168	112	IO	PCURPR	B21/F0	
BCURPR1	MMPB3	04-176	012	IO	XCURPR1	B22/F1	
BDGNRTN	BMSPUCD	04-096	037	IO	NC	B13/F2	
BDGNRTN	BMSPUCD	04-096	048	O	DGNFANS	B13/F2	
BDGNRTN	BMSPUCD	04-096	050	G	DGNRTN	B13/F2	
BDMAAD00	MSPPB0	04-120	009	I	DMAAD001	B15/F0	
BDMAAD00	MSPPB1	04-136	009	I	DMAAD001	B17/F0	
BDMAAD00	MSPPB2	04-152	009	I	DMAAD001	B19/E0	

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
BDMAAD00	MSPPB3	04-168	009	I	DMAAD001	B21/F0	
BDMAAD00	04-181	04-181	003	I		B24/F3	*
BDMAAD01	MSPPB0	04-120	109	I	DMAAD011	B15/F0	
BDMAAD01	MSPPB1	04-136	109	I	DMAAD011	B17/F0	
BDMAAD01	MSPPB2	04-152	109	I	DMAAD011	B19/E0	
BDMAAD01	MSPPB3	04-168	109	I	DMAAD011	B21/F0	
BDMAAD01	04-180	04-180	003	I		B24/F1	*
BDMAAD02	MSPPB0	04-120	010	I	DMAAD021	B15/F0	
BDMAAD02	MSPPB1	04-136	010	I	DMAAD021	B17/F0	
BDMAAD02	MSPPB2	04-152	010	I	DMAAD021	B19/E0	
BDMAAD02	MSPPB3	04-168	010	I	DMAAD021	B21/F0	
BDMAAD02	04-181	04-181	004	I		B24/F3	*
BDMAAD03	MSPPB0	04-120	110	I	DMAAD031	B15/F0	
BDMAAD03	MSPPB1	04-136	110	I	DMAAD031	B17/F0	
BDMAAD03	MSPPB2	04-152	110	I	DMAAD031	B19/E0	
BDMAAD03	MSPPB3	04-168	110	I	DMAAD031	B21/F0	
BDMAAD03	04-180	04-180	004	I		B24/F1	*
BDMAAD04	MSPPB0	04-120	011	I	DMAAD041	B15/F0	
BDMAAD04	MSPPB1	04-136	011	I	DMAAD041	B17/F0	
BDMAAD04	MSPPB2	04-152	011	I	DMAAD041	B19/E0	
BDMAAD04	MSPPB3	04-168	011	I	DMAAD041	B21/F0	
BDMAAD04	04-181	04-181	005	I		B24/F3	*
BDMAAD05	MSPPB0	04-120	111	I	DMAAD051	B15/F0	
BDMAAD05	MSPPB1	04-136	111	I	DMAAD051	B17/F0	
BDMAAD05	MSPPB2	04-152	111	I	DMAAD051	B19/E0	
BDMAAD05	MSPPB3	04-168	111	I	DMAAD051	B21/F0	
BDMAAD05	04-180	04-180	005	I		B24/F1	*
BDMAAD06	MSPPB0	04-120	013	I	DMAAD061	B15/F0	
BDMAAD06	MSPPB1	04-136	013	I	DMAAD061	B17/F0	
BDMAAD06	MSPPB2	04-152	013	I	DMAAD061	B19/E0	
BDMAAD06	MSPPB3	04-168	013	I	DMAAD061	B21/F0	
BDMAAD06	04-181	04-181	006	I		B24/F3	*
BDMAAD07	MSPPB0	04-120	113	I	DMAAD071	B15/F0	
BDMAAD07	MSPPB1	04-136	113	I	DMAAD071	B17/F0	
BDMAAD07	MSPPB2	04-152	113	I	DMAAD071	B19/E0	
BDMAAD07	MSPPB3	04-168	113	I	DMAAD071	B21/F0	
BDMAAD07	04-180	04-180	006	I		B24/F1	*
BDMAAD08	MSPPB0	04-120	014	I	DMAAD081	B15/F0	
BDMAAD08	MSPPB1	04-136	014	I	DMAAD081	B17/F0	
BDMAAD08	MSPPB2	04-152	014	I	DMAAD081	B19/E0	
BDMAAD08	MSPPB3	04-168	014	I	DMAAD081	B21/F0	
BDMAAD08	04-181	04-181	007	I		B24/F3	*
BDMAAD09	MSPPB0	04-120	114	I	DMAAD091	B15/F0	
BDMAAD09	MSPPB1	04-136	114	I	DMAAD091	B17/F0	
BDMAAD09	MSPPB2	04-152	114	I	DMAAD091	B19/E0	
BDMAAD09	MSPPB3	04-168	114	I	DMAAD091	B21/F0	
BDMAAD09	04-180	04-180	007	I		B24/F1	*
BDMAAD10	MSPPB0	04-120	015	I	DMAAD101	B15/F0	
BDMAAD10	MSPPB1	04-136	015	I	DMAAD101	B17/F0	
BDMAAD10	MSPPB2	04-152	015	I	DMAAD101	B19/E0	
BDMAAD10	MSPPB3	04-168	015	I	DMAAD101	B21/F0	
BDMAAD10	04-181	04-181	008	I		B24/F3	*
BDMAAD11	MSPPB0	04-120	115	I	DMAAD111	B15/F0	
BDMAAD11	MSPPB1	04-136	115	I	DMAAD111	B17/F0	
BDMAAD11	MSPPB2	04-152	115	I	DMAAD111	B19/E0	
BDMAAD11	MSPPB3	04-168	115	I	DMAAD111	B21/F0	
BDMAAD11	04-180	04-180	008	I		B24/F1	*
BDMAAD12	MSPPB0	04-120	016	I	DMAAD121	B15/F0	
BDMAAD12	MSPPB1	04-136	016	I	DMAAD121	B17/F0	
BDMAAD12	MSPPB2	04-152	016	I	DMAAD121	B19/E0	
BDMAAD12	MSPPB3	04-168	016	I	DMAAD121	B21/F0	
BDMAAD12	04-181	04-181	009	I		B24/F3	*
BDMAAD13	MSPPB0	04-120	116	I	DMAAD131	B15/F0	
BDMAAD13	MSPPB1	04-136	116	I	DMAAD131	B17/F0	
BDMAAD13	MSPPB2	04-152	116	I	DMAAD131	B19/E0	
BDMAAD13	MSPPB3	04-168	116	I	DMAAD131	B21/F0	
BDMAAD13	04-180	04-180	009	I		B24/F1	*
BDMAAD14	MSPPB0	04-120	017	I	DMAAD141	B15/F0	
BDMAAD14	MSPPB1	04-136	017	I	DMAAD141	B17/F0	
BDMAAD14	MSPPB2	04-152	017	I	DMAAD141	B19/E0	
BDMAAD14	MSPPB3	04-168	017	I	DMAAD141	B21/F0	
BDMAAD14	04-181	04-181	010	I		B24/F3	*
BDMAAD15	MSPPB0	04-120	117	I	DMAAD151	B15/F0	
BDMAAD15	MSPPB1	04-136	117	I	DMAAD151	B17/F0	
BDMAAD15	MSPPB2	04-152	117	I	DMAAD151	B19/E0	
BDMAAD15	MSPPB3	04-168	117	I	DMAAD151	B21/F0	
BDMAAD15	04-180	04-180	010	I		B24/F1	*
BDMADA00	MSPPB0	04-120	005	I	DMADA001	B15/F0	
BDMADA00	MSPPB1	04-136	005	I	DMADA001	B17/F0	

LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
BDMADA00	MSPPB2	04-152	005	I	DMADA001	B19/E0	
BDMADA00	MSPPB3	04-168	005	I	DMADA001	B21/F0	
BDMADA00	04-181	04-181	016	I		B24/F3	*
BDMADA01	MSPPB0	04-120	105	I	DMADA011	B15/F0	
BDMADA01	MSPPB1	04-136	105	I	DMADA011	B17/F0	
BDMADA01	MSPPB2	04-152	105	I	DMADA011	B19/E0	
BDMADA01	MSPPB3	04-168	105	I	DMADA011	B21/F0	
BDMADA01	04-180	04-180	016	I		B24/F1	*
BDMADA02	MSPPB0	04-120	006	I	DMADA021	B15/F0	
BDMADA02	MSPPB1	04-136	006	I	DMADA021	B17/F0	
BDMADA02	MSPPB2	04-152	006	I	DMADA021	B19/E0	
BDMADA02	MSPPB3	04-168	006	I	DMADA021	B21/F0	
BDMADA02	04-181	04-181	017	I		B24/G3	*
BDMADA03	MSPPB0	04-120	106	I	DMADA031	B15/F0	
BDMADA03	MSPPB1	04-136	106	I	DMADA031	B17/F0	
BDMADA03	MSPPB2	04-152	106	I	DMADA031	B19/E0	
BDMADA03	MSPPB3	04-168	106	I	DMADA031	B21/F0	
BDMADA03	04-180	04-180	017	I		B24/F1	*
BDMADA04	MSPPB0	04-120	007	I	DMADA041	B15/F0	
BDMADA04	MSPPB1	04-136	007	I	DMADA041	B17/F0	
BDMADA04	MSPPB2	04-152	007	I	DMADA041	B19/E0	
BDMADA04	MSPPB3	04-168	007	I	DMADA041	B21/F0	
BDMADA04	04-181	04-181	018	I		B24/G3	*
BDMADA05	MSPPB0	04-120	107	I	DMADA051	B15/F0	
BDMADA05	MSPPB1	04-136	107	I	DMADA051	B17/F0	
BDMADA05	MSPPB2	04-152	107	I	DMADA051	B19/E0	
BDMADA05	MSPPB3	04-168	107	I	DMADA051	B21/F0	
BDMADA05	04-180	04-180	018	I		B24/G1	*
BDMADA06	MSPPB0	04-120	008	I	DMADA061	B15/F0	
BDMADA06	MSPPB1	04-136	008	I	DMADA061	B17/F0	
BDMADA06	MSPPB2	04-152	008	I	DMADA061	B19/E0	
BDMADA06	MSPPB3	04-168	008	I	DMADA061	B21/F0	
BDMADA06	04-181	04-181	019	I		B24/G3	*
BDMADA07	MSPPB0	04-120	108	I	DMADA071	B15/F0	
BDMADA07	MSPPB1	04-136	108	I	DMADA071	B17/F0	
BDMADA07	MSPPB2	04-152	108	I	DMADA071	B19/E0	
BDMADA07	MSPPB3	04-168	108	I	DMADA071	B21/F0	
BDMADA07	04-180	04-180	019	I		B24/G1	*
BDMADAP1	MSPPB0	04-120	205	I	DMADAP1	B15/F0	
BDMADAP1	MSPPB1	04-136	205	I	DMADAP1	B17/F0	
BDMADAP1	MSPPB2	04-152	205	I	DMADAP1	B19/E0	
BDMADAP1	MSPPB3	04-168	205	I	DMADAP1	B21/F0	
BDMADAP1	04-181	04-181	020	I		B24/F3	*
BDMAOPC0	MSPPB0	04-120	104	I	DMAOPC0	B15/F0	
BDMAOPC0	MSPPB1	04-136	104	I	DMAOPC0	B17/F0	
BDMAOPC0	MSPPB2	04-152	104	I	DMAOPC0	B19/E0	
BDMAOPC0	MSPPB3	04-168	104	I	DMAOPC0	B21/F0	
BDMAOPC0	04-175	04-175	018	I		B24/C8	*
BDMARD0	MSPPB0	04-120	204	I	DMARD0	B15/F0	
BDMARD0	MSPPB1	04-136	204	I	DMARD0	B17/F0	
BDMARD0	MSPPB2	04-152	204	I	DMARD0	B19/E0	
BDMARD0	MSPPB3	04-168	204	I	DMARD0	B21/F0	
BDMARD0	04-175	04-175	017	I		B24/C8	*
BDMAREQ0	MSPPB0	04-120	004	I	DMAREQ0	B15/F0	
BDMAREQ0	MSPPB1	04-136	004	I	DMAREQ0	B17/F0	
BDMAREQ0	MSPPB2	04-152	004	I	DMAREQ0	B19/E0	
BDMAREQ0	MSPPB3	04-168	004	I	DMAREQ0	B21/F0	
BDMAREQ0	04-175	04-175	019	I		B24/C8	*
BDMAWT0	MSPPB0	04-120	304	I	DMAWT0	B15/F0	
BDMAWT0	MSPPB1	04-136	304	I	DMAWT0	B17/F0	
BDMAWT0	MSPPB2	04-152	304	I	DMAWT0	B19/E0	
BDMAWT0	MSPPB3	04-168	304	I	DMAWT0	B21/F0	
BDMAWT0	04-175	04-175	016	I		B24/C8	*
BINITPC0	MSPPB0	04-120	203	I	INITPC0	B15/F0	
BINITPC0	MSPPB1	04-136	203	I	INITPC0	B17/F0	
BINITPC0	MSPPB2	04-152	203	I	INITPC0	B19/E0	
BINITPC0	MSPPB3	04-168	203	I	INITPC0	B21/F0	
BINITPC0	04-174	04-174	020	I		B24/B5	*
BINT0	BMSPUCD	04-096	116	O	INT	B13/F2	
BINT0	BPWRCONV	04-112	112	IO	BINT0	B14/F1	
BINT1	BMSPUCD	04-096	115	I	INTR	B13/F2	
BINT1	BPWRCONV	04-112	012	IO	BINT1	B14/F1	
BMPF00	04-007	04-007	048	O		B12/C3	*
BMPF00	BMSPUCD	04-096	153	O	MPF0	B13/F2	
BMPF01	04-007	04-007	035	O		B12/C3	*
BMPF01	BMSPUCD	04-096	140	O	MPF0	B13/F2	
BOOS+I	BMSPUCD	04-096	111	I	OOSCONV	B13/F2	

LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
BOOS+I	BPWRCONV	04-112	015	IO	BOOS+I	B14/F1	
BOOS-I	BMSPUCD	04-096	109	O	OOSTST	B13/F2	
BOOS-I	BPWRCONV	04-112	115	IO	BOOS-I	B14/F1	
BOOS3B	04-007	04-007	033	IO		B12/D3	*
BOOS3B	04-007	04-007	046	I		B12/D3	*
BOOS3B	BMSPUCD	04-096	138	IO	NC	B13/F2	
BOOS3B	BMSPUCD	04-096	151	I	OOS3B	B13/F2	
BOOSR	04-006	04-006	033	IO		B12/C1	*
BOOSR	04-006	04-006	046	I		B12/C1	*
BOOSR	BMSPUCD	04-096	038	IO	NC	B13/F2	
BOOSR	BMSPUCD	04-096	051	I	OOSR	B13/F2	
BP5V0	BPWRCONV	04-112	019	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	045	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	046	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	047	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	048	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	049	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	050	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	051	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	052	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	053	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	054	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	055	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	056	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	145	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	146	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	147	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	148	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	149	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	150	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	151	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	152	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	153	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	154	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	155	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	156	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	245	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	246	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	247	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	248	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	249	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	250	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	251	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	252	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	253	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	254	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	255	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	256	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	345	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	346	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	347	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	348	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	349	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	350	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	351	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	352	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	353	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	354	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	355	P	BP5V0	B14/F1	
BP5V0	BPWRCONV	04-112	356	P	BP5V0	B14/F1	
BP5V0	MSPPB0	04-120	000	P	VCC	B15/F0	
BP5V0	MSPPB0	04-120	001	P	VCC	B15/F0	
BP5V0	MSPPB0	04-120	100	P	VCC	B15/F0	
BP5V0	MSPPB0	04-120	101	P	VCC	B15/F0	
BP5V0	MSPPB0	04-120	210	P	VCC	B15/F0	
BP5V0	MSPPB0	04-120	310	P	VCC	B15/F0	
BP5V0	MSPPB0	04-120	315	I	+5PWRI	B15/F0	
BP5V0	MSPPB0	04-120	323	I	VPP	B15/F0	
BP5V0	MMPB0	04-128	000	P	VCC	B16/F1	
BP5V0	MMPB0	04-128	001	P	VCC	B16/F1	
BP5V0	MMPB0	04-128	100	P	VCC	B16/F1	

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LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
BP5V0	MMPB0	04-128	101	P	VCC	B16/F1	
BP5V0	MMPB0	04-128	210	P	VCC	B16/F1	
BP5V0	MMPB0	04-128	310	P	VCC	B16/F1	
BP5V0	MSPPB1	04-136	000	P	VCC	B17/F0	
BP5V0	MSPPB1	04-136	001	P	VCC	B17/F0	
BP5V0	MSPPB1	04-136	100	P	VCC	B17/F0	
BP5V0	MSPPB1	04-136	101	P	VCC	B17/F0	
BP5V0	MSPPB1	04-136	210	P	VCC	B17/F0	
BP5V0	MSPPB1	04-136	310	P	VCC	B17/F0	
BP5V0	MSPPB1	04-136	315	I	+5PWRI	B17/F0	
BP5V0	MSPPB1	04-136	323	I	VPP	B17/F0	
BP5V0	MMPB1	04-144	000	P	VCC	B18/F1	
BP5V0	MMPB1	04-144	001	P	VCC	B18/F1	
BP5V0	MMPB1	04-144	100	P	VCC	B18/F1	
BP5V0	MMPB1	04-144	101	P	VCC	B18/F1	
BP5V0	MMPB1	04-144	210	P	VCC	B18/F1	
BP5V0	MMPB1	04-144	310	P	VCC	B18/F1	
BP5V0	MSPPB2	04-152	000	P	VCC	B19/E0	
BP5V0	MSPPB2	04-152	001	P	VCC	B19/E0	
BP5V0	MSPPB2	04-152	100	P	VCC	B19/E0	
BP5V0	MSPPB2	04-152	101	P	VCC	B19/E0	
BP5V0	MSPPB2	04-152	210	P	VCC	B19/E0	
BP5V0	MSPPB2	04-152	310	P	VCC	B19/E0	
BP5V0	MSPPB2	04-152	315	I	+5PWRI	B19/E0	
BP5V0	MSPPB2	04-152	323	I	VPP	B19/E0	
BP5V0	MMPB2	04-160	000	P	VCC	B20/F1	
BP5V0	MMPB2	04-160	001	P	VCC	B20/F1	
BP5V0	MMPB2	04-160	100	P	VCC	B20/F1	
BP5V0	MMPB2	04-160	101	P	VCC	B20/F1	
BP5V0	MMPB2	04-160	210	P	VCC	B20/F1	
BP5V0	MMPB2	04-160	310	P	VCC	B20/F1	
BP5V0	MSPPB3	04-168	000	P	VCC	B21/F0	
BP5V0	MSPPB3	04-168	001	P	VCC	B21/F0	
BP5V0	MSPPB3	04-168	100	P	VCC	B21/F0	
BP5V0	MSPPB3	04-168	101	P	VCC	B21/F0	
BP5V0	MSPPB3	04-168	210	P	VCC	B21/F0	
BP5V0	MSPPB3	04-168	310	P	VCC	B21/F0	
BP5V0	MSPPB3	04-168	315	I	+5PWRI	B21/F0	
BP5V0	MSPPB3	04-168	323	I	VPP	B21/F0	
BP5V0	04-174	04-174	006	P		B24/C5	*
BP5V0	MMPB3	04-176	000	P	VCC	B22/F1	
BP5V0	MMPB3	04-176	001	P	VCC	B22/F1	
BP5V0	MMPB3	04-176	100	P	VCC	B22/F1	
BP5V0	MMPB3	04-176	101	P	VCC	B22/F1	
BP5V0	MMPB3	04-176	210	P	VCC	B22/F1	
BP5V0	MMPB3	04-176	310	P	VCC	B22/F1	
BRDATA0N	MMPB0	04-128	237	I	0RDATAN	B16/F1	
BRDATA0N	MMPB1	04-144	237	I	0RDATAN	B18/F1	
BRDATA0N	MMPB2	04-160	237	I	0RDATAN	B20/F1	
BRDATA0N	MMPB3	04-176	237	I	0RDATAN	B22/F1	*
BRDATA0P	MMPB0	04-128	337	I	0RDATAP	B16/F1	
BRDATA0P	MMPB1	04-144	337	I	0RDATAP	B18/F1	
BRDATA0P	MMPB2	04-160	337	I	0RDATAP	B20/F1	
BRDATA0P	MMPB3	04-176	337	I	0RDATAP	B22/F1	*
BRDATA1N	MMPB0	04-128	242	I	1RDATAN	B16/F1	
BRDATA1N	MMPB1	04-144	242	I	1RDATAN	B18/F1	
BRDATA1N	MMPB2	04-160	242	I	1RDATAN	B20/F1	
BRDATA1N	MMPB3	04-176	242	I	1RDATAN	B22/F1	*
BRDATA1P	MMPB0	04-128	342	I	1RDATAP	B16/F1	
BRDATA1P	MMPB1	04-144	342	I	1RDATAP	B18/F1	
BRDATA1P	MMPB2	04-160	342	I	1RDATAP	B20/F1	
BRDATA1P	MMPB3	04-176	342	I	1RDATAP	B22/F1	*
BRISOL0	MSPPB0	04-120	103	I	RISOL0	B15/F0	
BRISOL0	MSPPB1	04-136	103	I	RISOL0	B17/F0	
BRISOL0	MSPPB2	04-152	103	I	RISOL0	B19/E0	
BRISOL0	MSPPB3	04-168	103	I	RISOL0	B21/F0	
BRISOL0	04-175	04-175	021	I		B24/C8	*
BRQIP3B	04-007	04-007	034	IO		B12/D3	*
BRQIP3B	04-007	04-007	047	I		B12/D3	*
BRQIP3B	BMSPUCD	04-096	139	IO	NC	B13/F2	
BRQIP3B	BMSPUCD	04-096	152	I	RQIP3B	B13/F2	
BRQIP3BR	04-006	04-006	034	IO		B12/D1	*
BRQIP3BR	04-006	04-006	047	I		B12/D1	*
BRQIP3BR	BMSPUCD	04-096	039	IO	NC	B13/F2	
BRQIP3BR	BMSPUCD	04-096	052	I	RQIP3BR	B13/F2	
BRS1	BMSPUCD	04-096	124	O	RS1	B13/F2	
BRS1	BPWRCONV	04-112	011	IO	BRS1	B14/F1	
BRS2	BMSPUCD	04-096	122	I	RG2	B13/F2	
BRS2	BPWRCONV	04-112	110	IO	BRS2	B14/F1	
BRS3	BMSPUCD	04-096	009	O	RS3	B13/F2	
BRS3	BPWRCONV	04-112	109	IO	BRS3	B14/F1	
BRVS	BPWRCONV	04-112	018	IO	BRVS	B14/F1	
BRVS	BPWRCONV	04-112	118	IO	BRVS	B14/F1	

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LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
BSCW3B0	04-007	04-007	052	O		B12/D3	*
BSCW3B0	BMSPUCD	04-096	156	O	SCW3B0	B13/F2	
BSCW3B1	04-007	04-007	039	O		B12/D3	*
BSCW3B1	BMSPUCD	04-096	143	O	SCW3B1	B13/F2	
BSCWR0	04-006	04-006	052	O		B12/D1	*
BSCWR0	BMSPUCD	04-096	056	O	SCWR0	B13/F2	
BSCWR1	04-006	04-006	039	O		B12/D1	*
BSCWR1	BMSPUCD	04-096	043	O	SCWR1	B13/F2	
BSCX3B0	04-007	04-007	049	O		B12/D3	*
BSCX3B0	BMSPUCD	04-096	154	O	SCX3B0	B13/F2	
BSCX3B0R	04-006	04-006	049	O		B12/D1	*
BSCX3B0R	BMSPUCD	04-096	054	O	SCX3B0R	B13/F2	
BSCX3B1	04-007	04-007	036	O		B12/D3	*
BSCX3B1	BMSPUCD	04-096	141	O	SCX3B1	B13/F2	
BSCX3B1R	04-006	04-006	036	O		B12/D1	*
BSCX3B1R	BMSPUCD	04-096	041	O	SCX3B1R	B13/F2	
BSCY3B0R	04-006	04-006	048	O		B12/D1	*
BSCY3B0R	BMSPUCD	04-096	053	O	SCY3BR	B13/F2	
BSCY3B1R	04-006	04-006	035	O		B12/D1	*
BSCY3B1R	BMSPUCD	04-096	040	O	SCY3BR	B13/F2	
BSISOL0	MSPPB0	04-120	003	I	SISOL0	B15/F0	
BSISOL0	MSPPB1	04-136	003	I	SISOL0	B17/F0	
BSISOL0	MSPPB2	04-152	003	I	SISOL0	B19/E0	
BSISOL0	MSPPB3	04-168	003	I	SISOL0	B21/F0	
BSISOL0	04-174	04-174	021	I		B24/C5	*
BSYNC0N	MMPB0	04-128	234	I	OSYNCN	B16/F1	
BSYNC0N	MMPB1	04-144	234	I	OSYNCN	B18/F1	
BSYNC0N	MMPB2	04-160	234	I	OSYNCN	B20/F1	
BSYNC0N	MMPB3	04-176	234	I	OSYNCN	B22/F1	*
BSYNC0P	MMPB0	04-128	334	I	OSYNCP	B16/F1	
BSYNC0P	MMPB1	04-144	334	I	OSYNCP	B18/F1	
BSYNC0P	MMPB2	04-160	334	I	OSYNCP	B20/F1	
BSYNC0P	MMPB3	04-176	334	I	OSYNCP	B22/F1	*
BSYNC1N	MMPB0	04-128	239	I	1SYNCN	B16/F1	
BSYNC1N	MMPB1	04-144	239	I	1SYNCN	B18/F1	
BSYNC1N	MMPB2	04-160	239	I	1SYNCN	B20/F1	
BSYNC1N	MMPB3	04-176	239	I	1SYNCN	B22/F1	*
BSYNC1P	MMPB0	04-128	339	I	0SYNCP	B16/F1	
BSYNC1P	MMPB1	04-144	339	I	0SYNCP	B18/F1	
BSYNC1P	MMPB2	04-160	339	I	0SYNCP	B20/F1	
BSYNC1P	MMPB3	04-176	339	I	0SYNCP	B22/F1	*
BTDATA0N	MMPB0	04-128	236	O	0TDATAN	B16/F1	
BTDATA0N	MMPB1	04-144	236	O	0TDATAN	B18/F1	
BTDATA0N	MMPB2	04-160	236	O	0TDATAN	B20/F1	
BTDATA0N	MMPB3	04-176	236	O	0TDATAN	B22/F1	*
BTDATA0P	MMPB0	04-128	336	O	0TDATAP	B16/F1	
BTDATA0P	MMPB1	04-144	336	O	0TDATAP	B18/F1	
BTDATA0P	MMPB2	04-160	336	O	0TDATAP	B20/F1	
BTDATA0P	MMPB3	04-176	336	O	0TDATAP	B22/F1	*
BTDATA1N	MMPB0	04-128	241	O	1TDATAN	B16/F1	
BTDATA1N	MMPB1	04-144	241	O	1TDATAN	B18/F1	
BTDATA1N	MMPB2	04-160	241	O	1TDATAN	B20/F1	
BTDATA1N	MMPB3	04-176	241	O	1TDATAN	B22/F1	*
BTDATA1P	MMPB0	04-128	341	O	1TDATAP	B16/F1	
BTDATA1P	MMPB1	04-144	341	O	1TDATAP	B18/F1	
BTDATA1P	MMPB2	04-160	341	O	1TDATAP	B20/F1	
BTDATA1P	MMPB3	04-176	341	O	1TDATAP	B22/F1	*
BTSTA	BMSPUCD	04-096	146	O	TSTA	B13/F2	*
DIAGNOS	04-007	04-007	019	I		B12/D3	*
DIAGNOS	04-007	04-007	022	IO		B12/D3	*
DIAGNOS	AMSPUCD	04-008	137	IO	NC	B1/F2	
DIAGNOS	AMSPUCD	04-008	150	I	DGN3B	B1/F2	
DIAGNOS	BMSPUCD	04-096	137	IO	NC	B13/F2	
DIAGNOS	BMSPUCD	04-096	150	I	DGN3B	B13/F2	
GRD	01-017	01-017	0B0	G		B11/E0	*
GRD	E1	01-017-0B0	1	G	GRD1	B11/D0	
GRD	E1	01-017-0B0	2	G	GRD2	B11/D0	
GRD	E1	01-017-0B0	3	G	GRD3	B11/D0	
GRD	E1	01-017-0B0	4	G	GRD4	B11/D0	
GRD	01-018	01-018	0B0	G		B11/E0	*
GRD	E2	01-018-0B0	1	G	GRD1	B11/D0	
GRD	E2	01-018-0B0	2	G	GRD2	B11/D0	
GRD	E2	01-018-0B0	3	G	GRD3	B11/D0	
GRD	E2	01-018-0B0	4	G	GRD4	B11/D0	

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LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	01-037	01-037	0B0	G		B11/E1	*
GRD	E3	01-037-0B0	1	G	GRD1	B11/D1	
GRD	E3	01-037-0B0	2	G	GRD2	B11/D1	
GRD	E3	01-037-0B0	3	G	GRD3	B11/D1	
GRD	E3	01-037-0B0	4	G	GRD4	B11/D1	
GRD	01-038	01-038	0B0	G		B11/E1	*
GRD	E4	01-038-0B0	1	G	GRD1	B11/D1	
GRD	E4	01-038-0B0	2	G	GRD2	B11/D1	
GRD	E4	01-038-0B0	3	G	GRD3	B11/D1	
GRD	E4	01-038-0B0	4	G	GRD4	B11/D1	
GRD	01-061	01-061	0B0	G		B11/E2	*
GRD	E5	01-061-0B0	1	G	GRD1	B11/D2	
GRD	E5	01-061-0B0	2	G	GRD2	B11/D2	
GRD	E5	01-061-0B0	3	G	GRD3	B11/D2	
GRD	E5	01-061-0B0	4	G	GRD4	B11/D2	
GRD	01-062	01-062	0B0	G		B11/E2	*
GRD	E6	01-062-0B0	1	G	GRD1	B11/D2	
GRD	E6	01-062-0B0	2	G	GRD2	B11/D2	
GRD	E6	01-062-0B0	3	G	GRD3	B11/D2	
GRD	E6	01-062-0B0	4	G	GRD4	B11/D2	
GRD	01-085	01-085	0B0	G		B11/E3	*
GRD	E7	01-085-0B0	1	G	GRD1	B11/D3	
GRD	E7	01-085-0B0	2	G	GRD2	B11/D3	
GRD	E7	01-085-0B0	3	G	GRD3	B11/D3	
GRD	E7	01-085-0B0	4	G	GRD4	B11/D3	
GRD	01-086	01-086	0B0	G		B11/E3	*
GRD	E8	01-086-0B0	1	G	GRD1	B11/D3	
GRD	E8	01-086-0B0	2	G	GRD2	B11/D3	
GRD	E8	01-086-0B0	3	G	GRD3	B11/D3	
GRD	E8	01-086-0B0	4	G	GRD4	B11/D3	
GRD	01-107	01-107	0B0	G		B23/E0	*
GRD	E20	01-107-0B0	1	G	GRD1	B23/D0	
GRD	E20	01-107-0B0	2	G	GRD2	B23/D0	
GRD	E20	01-107-0B0	3	G	GRD3	B23/D0	
GRD	E20	01-107-0B0	4	G	GRD4	B23/D0	
GRD	01-108	01-108	0B0	G		B23/E1	*
GRD	E21	01-108-0B0	1	G	GRD1	B23/D0	
GRD	E21	01-108-0B0	2	G	GRD2	B23/D0	
GRD	E21	01-108-0B0	3	G	GRD3	B23/D0	
GRD	E21	01-108-0B0	4	G	GRD4	B23/D0	
GRD	01-128	01-128	2B0	G		B23/E1	*
GRD	E22	01-128-2B0	1	G	GRD1	B23/D1	
GRD	E22	01-128-2B0	2	G	GRD2	B23/D1	
GRD	E22	01-128-2B0	3	G	GRD3	B23/D1	
GRD	E22	01-128-2B0	4	G	GRD4	B23/D1	
GRD	01-152	01-152	0B0	G		B23/E1	*
GRD	01-152	01-152	1B0	G		B23/E2	*
GRD	E23	01-152-0B0	1	G	GRD1	B23/D1	
GRD	E23	01-152-0B0	2	G	GRD2	B23/D1	
GRD	E23	01-152-0B0	3	G	GRD3	B23/D1	
GRD	E23	01-152-0B0	4	G	GRD4	B23/D1	
GRD	E24	01-152-1B0	1	G	GRD1	B23/D2	
GRD	E24	01-152-1B0	2	G	GRD2	B23/D2	
GRD	E24	01-152-1B0	3	G	GRD3	B23/D2	
GRD	E24	01-152-1B0	4	G	GRD4	B23/D2	
GRD	01-173	01-173	0B0	G		B23/E2	*
GRD	E25	01-173-0B0	1	G	GRD1	B23/D2	
GRD	E25	01-173-0B0	2	G	GRD2	B23/D2	
GRD	E25	01-173-0B0	3	G	GRD3	B23/D2	
GRD	E25	01-173-0B0	4	G	GRD4	B23/D2	
GRD	01-174	01-174	0B0	G		B23/E3	*
GRD	E26	01-174-0B0	1	G	GRD1	B23/D3	
GRD	E26	01-174-0B0	2	G	GRD2	B23/D3	
GRD	E26	01-174-0B0	3	G	GRD3	B23/D3	
GRD	E26	01-174-0B0	4	G	GRD4	B23/D3	
GRD	APWRCONV	04-024	000	G	GRD	B2/F1	
GRD	APWRCONV	04-024	001	G	GRD	B2/F1	
GRD	APWRCONV	04-024	032	G	GRD	B2/F1	
GRD	APWRCONV	04-024	033	G	GRD	B2/F1	
GRD	APWRCONV	04-024	034	G	GRD	B2/F1	
GRD	APWRCONV	04-024	035	G	GRD	B2/F1	
GRD	APWRCONV	04-024	036	G	GRD	B2/F1	
GRD	APWRCONV	04-024	037	G	GRD	B2/F1	
GRD	APWRCONV	04-024	038	G	GRD	B2/F1	
GRD	APWRCONV	04-024	039	G	GRD	B2/F1	

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LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	APWRCONV		04-024	041	G	GRD	B2/F1	
GRD	APWRCONV		04-024	042	G	GRD	B2/F1	
GRD	APWRCONV		04-024	043	G	GRD	B2/F1	
GRD	APWRCONV		04-024	100	G	GRD	B2/F1	
GRD	APWRCONV		04-024	101	G	GRD	B2/F1	
GRD	APWRCONV		04-024	119	G	GRD	B2/F1	
GRD	APWRCONV		04-024	132	G	GRD	B2/F1	
GRD	APWRCONV		04-024	133	G	GRD	B2/F1	
GRD	APWRCONV		04-024	134	G	GRD	B2/F1	
GRD	APWRCONV		04-024	135	G	GRD	B2/F1	
GRD	APWRCONV		04-024	136	G	GRD	B2/F1	
GRD	APWRCONV		04-024	137	G	GRD	B2/F1	
GRD	APWRCONV		04-024	138	G	GRD	B2/F1	
GRD	APWRCONV		04-024	139	G	GRD	B2/F1	
GRD	APWRCONV		04-024	140	G	GRD	B2/F1	
GRD	APWRCONV		04-024	141	G	GRD	B2/F1	
GRD	APWRCONV		04-024	142	G	GRD	B2/F1	
GRD	APWRCONV		04-024	143	G	GRD	B2/F1	
GRD	APWRCONV		04-024	2	G	GRD	B2/F1	
GRD	APWRCONV		04-024	200	G	GRD	B2/F1	
GRD	APWRCONV		04-024	201	G	GRD	B2/F1	
GRD	APWRCONV		04-024	232	G	GRD	B2/F1	
GRD	APWRCONV		04-024	233	G	GRD	B2/F1	
GRD	APWRCONV		04-024	234	G	GRD	B2/F1	
GRD	APWRCONV		04-024	235	G	GRD	B2/F1	
GRD	APWRCONV		04-024	236	G	GRD	B2/F1	
GRD	APWRCONV		04-024	237	G	GRD	B2/F1	
GRD	APWRCONV		04-024	238	G	GRD	B2/F1	
GRD	APWRCONV		04-024	239	G	GRD	B2/F1	
GRD	APWRCONV		04-024	240	G	GRD	B2/F1	
GRD	APWRCONV		04-024	241	G	GRD	B2/F1	
GRD	APWRCONV		04-024	242	G	GRD	B2/F1	
GRD	APWRCONV		04-024	243	G	GRD	B2/F1	
GRD	APWRCONV		04-024	300	G	GRD	B2/F1	
GRD	APWRCONV		04-024	301	G	GRD	B2/F1	
GRD	APWRCONV		04-024	332	G	GRD	B2/F1	
GRD	APWRCONV		04-024	333	G	GRD	B2/F1	
GRD	APWRCONV		04-024	334	G	GRD	B2/F1	
GRD	APWRCONV		04-024	335	G	GRD	B2/F1	
GRD	APWRCONV		04-024	336	G	GRD	B2/F1	
GRD	APWRCONV		04-024	337	G	GRD	B2/F1	
GRD	APWRCONV		04-024	338	G	GRD	B2/F1	
GRD	APWRCONV		04-024	339	G	GRD	B2/F1	
GRD	APWRCONV		04-024	340	G	GRD	B2/F1	
GRD	APWRCONV		04-024	341	G	GRD	B2/F1	
GRD	APWRCONV		04-024	342	G	GRD	B2/F1	
GRD	APWRCONV		04-024	343	G	GRD	B2/F1	
GRD	MSPPA0		04-032	023	G	GRD	B3/F0	
GRD	MSPPA0		04-032	024	G	GRD	B3/F0	
GRD	MSPPA0		04-032	032	G	GRD	B3/F0	
GRD	MSPPA0		04-032	044	G	GRD	B3/F0	
GRD	MSPPA0		04-032	045	G	GRD	B3/F0	
GRD	MSPPA0		04-032	123	G	GRD	B3/F0	
GRD	MSPPA0		04-032	124	G	GRD	B3/F0	
GRD	MSPPA0		04-032	132	G	GRD	B3/F0	
GRD	MSPPA0		04-032	144	G	GRD	B3/F0	
GRD	MSPPA0		04-032	145	G	GRD	B3/F0	
GRD	MSPPA0		04-032	200	G	GRD	B3/F0	
GRD	MSPPA0		04-032	201	G	GRD	B3/F0	
GRD	MSPPA0		04-032	211	G	GRD	B3/F0	
GRD	MSPPA0		04-032	212	G	GRD	B3/F0	
GRD	MSPPA0		04-032	224	G	NC	B3/F0	
GRD	MSPPA0		04-032	244	G	GRD	B3/F0	
GRD	MSPPA0		04-032	245	G	GRD	B3/F0	
GRD	MSPPA0		04-032	256	G	GRD	B3/F0	
GRD	MSPPA0		04-032	300	G	GRD	B3/F0	
GRD	MSPPA0		04-032	301	G	GRD	B3/F0	
GRD	MSPPA0		04-032	311	G	GRD	B3/F0	
GRD	MSPPA0		04-032	312	G	GRD	B3/F0	
GRD	MSPPA0		04-032	324	I	XPGM64E	B3/F0	
GRD	MSPPA0		04-032	344	G	GRD	B3/F0	
GRD	MSPPA0		04-032	345	G	GRD	B3/F0	
GRD	MSPPA0		04-032	356	G	GRD	B3/F0	
GRD	MMPA0		04-040	002	IO	SELB	B4/F1	
GRD	MMPA0		04-040	003	IO	SELA	B4/F1	
GRD	MMPA0		04-040	023	G	GRD	B4/F1	
GRD	MMPA0		04-040	024	G	GRD	B4/F1	
GRD	MMPA0		04-040	032	G	GRD	B4/F1	
GRD	MMPA0		04-040	044	G	GRD	B4/F1	
GRD	MMPA0		04-040	045	G	GRD	B4/F1	
GRD	MMPA0		04-040	123	G	GRD	B4/F1	
GRD	MMPA0		04-040	124	G	GRD	B4/F1	
GRD	MMPA0		04-040	132	G	GRD	B4/F1	
GRD	MMPA0		04-040	144	G	GRD	B4/F1	
GRD	MMPA0		04-040	145	G	GRD	B4/F1	
GRD	MMPA0		04-040	200	G	GRD	B4/F1	
GRD	MMPA0		04-040	201	G	GRD	B4/F1	
GRD	MMPA0		04-040	211	G	GRD	B4/F1	
GRD	MMPA0		04-040	212	G	GRD	B4/F1	
GRD	MMPA0		04-040	244	G	GRD	B4/F1	
GRD	MMPA0		04-040	245	G	GRD	B4/F1	
GRD	MMPA0		04-040	256	G	GRD	B4/F1	
GRD	MMPA0		04-040	300	G	GRD	B4/F1	
GRD	MMPA0		04-040	301	G	GRD	B4/F1	
GRD	MMPA0		04-040	311	G	GRD	B4/F1	

38 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	MMPA0		04-040	312	G	GRD	B4/F1	
GRD	MMPA0		04-040	344	G	GRD	B4/F1	
GRD	MMPA0		04-040	345	G	GRD	B4/F1	
GRD	MMPA0		04-040	356	G	GRD	B4/F1	
GRD	MSPPA1		04-048	023	G	GRD	B5/F0	
GRD	MSPPA1		04-048	024	G	GRD	B5/F0	
GRD	MSPPA1		04-048	032	G	GRD	B5/F0	
GRD	MSPPA1		04-048	044	G	GRD	B5/F0	
GRD	MSPPA1		04-048	045	G	GRD	B5/F0	
GRD	MSPPA1		04-048	123	G	GRD	B5/F0	
GRD	MSPPA1		04-048	124	G	GRD	B5/F0	
GRD	MSPPA1		04-048	132	G	GRD	B5/F0	
GRD	MSPPA1		04-048	144	G	GRD	B5/F0	
GRD	MSPPA1		04-048	145	G	GRD	B5/F0	
GRD	MSPPA1		04-048	200	G	GRD	B5/F0	
GRD	MSPPA1		04-048	201	G	GRD	B5/F0	
GRD	MSPPA1		04-048	211	G	GRD	B5/F0	
GRD	MSPPA1		04-048	212	G	GRD	B5/F0	
GRD	MSPPA1		04-048	224	G	NC	B5/F0	
GRD	MSPPA1		04-048	244	G	GRD	B5/F0	
GRD	MSPPA1		04-048	245	G	GRD	B5/F0	
GRD	MSPPA1		04-048	256	G	GRD	B5/F0	
GRD	MSPPA1		04-048	300	G	GRD	B5/F0	
GRD	MSPPA1		04-048	301	G	GRD	B5/F0	
GRD	MSPPA1		04-048	311	G	GRD	B5/F0	
GRD	MSPPA1		04-048	312	G	GRD	B5/F0	
GRD	MSPPA1		04-048	324	I	XPGM64E	B5/F0	
GRD	MSPPA1		04-048	344	G	GRD	B5/F0	
GRD	MSPPA1		04-048	345	G	GRD	B5/F0	
GRD	MSPPA1		04-048	356	G	GRD	B5/F0	
GRD	MMPA1		04-056	023	G	GRD	B6/F1	
GRD	MMPA1		04-056	024	G	GRD	B6/F1	
GRD	MMPA1		04-056	032	G	GRD	B6/F1	
GRD	MMPA1		04-056	044	G	GRD	B6/F1	
GRD	MMPA1		04-056	045	G	GRD	B6/F1	
GRD	MMPA1		04-056	123	G	GRD	B6/F1	
GRD	MMPA1		04-056	124	G	GRD	B6/F1	
GRD	MMPA1		04-056	132	G	GRD	B6/F1	
GRD	MMPA1		04-056	144	G	GRD	B6/F1	
GRD	MMPA1		04-056	145	G	GRD	B6/F1	
GRD	MMPA1		04-056	200	G	GRD	B6/F1	
GRD	MMPA1		04-056	201	G	GRD	B6/F1	
GRD	MMPA1		04-056	211	G	GRD	B6/F1	
GRD	MMPA1		04-056	212	G	GRD	B6/F1	
GRD	MMPA1		04-056	244	G	GRD	B6/F1	
GRD	MMPA1		04-056	245	G	GRD	B6/F1	
GRD	MMPA1		04-056	256	G	GRD	B6/F1	
GRD	MMPA1		04-056	300	G	GRD	B6/F1	
GRD	MMPA1		04-056	301	G	GRD	B6/F1	
GRD	MMPA1		04-056	311	G	GRD	B6/F1	
GRD	MMPA1		04-056	312	G	GRD	B6/F1	
GRD	MMPA1		04-056	344	G	GRD	B6/F1	
GRD	MMPA1		04-056	345	G	GRD	B6/F1	
GRD	MMPA1		04-056	356	G	GRD	B6/F1	
GRD	MSPPA2		04-064	023	G	GRD	B7/F0	
GRD	MSPPA2		04-064	024	G	GRD	B7/F0	
GRD	MSPPA2		04-064	032	G	GRD	B7/F0	
GRD	MSPPA2		04-064	044	G	GRD	B7/F0	
GRD	MSPPA2		04-064	045	G	GRD	B7/F0	
GRD	MSPPA2		04-064	123	G	GRD	B7/F0	
GRD	MSPPA2		04-064	124	G	GRD	B7/F0	
GRD	MSPPA2		04-064	132	G	GRD	B7/F0	
GRD	MSPPA2		04-064	144	G	GRD	B7/F0	
GRD	MSPPA2		04-064	145	G	GRD	B7/F0	
GRD	MSPPA2		04-064	200	G	GRD	B7/F0	
GRD	MSPPA2		04-064	201	G	GRD	B7/F0	
GRD	MSPPA2		04-064	211	G	GRD	B7/F0	
GRD	MSPPA2		04-064	212	G	GRD	B7/F0	
GRD	MSPPA2		04-064	224	G	NC	B7/F0	
GRD	MSPPA2		04-064	244	G	GRD	B7/F0	
GRD	MSPPA2		04-064	245	G	GRD	B7/F0	
GRD	MSPPA2		04-064	256	G	GRD	B7/F0	
GRD	MSPPA2		04-064	300	G	GRD	B7/F0	
GRD	MSPPA2		04-064	301	G	GRD	B7/F0	
GRD	MSPPA2		04-064	311	G	GRD	B7/F0	
GRD	MSPPA2		04-064	312	G	GRD	B7/F0	
GRD	MSPPA2		04-064	324	I	XPGM64E	B7/F0	
GRD	MSPPA2		04-064	344	G	GRD	B7/F0	
GRD	MSPPA2		04-064	345	G	GRD	B7/F0	
GRD	MSPPA2		04-064	356	G	GRD	B7/F0	
GRD	MMPA2		04-072	003	IO	SELA	B8/F1	
GRD	MMPA2		04-072	023	G	GRD	B8/F1	
GRD	MMPA2		04-072	024	G	GRD	B8/F1	
GRD	MMPA2		04-072	032	G	GRD	B8/F1	
GRD	MMPA2		04-072	044	G	GRD	B8/F1	
GRD	MMPA2		04-072	045	G	GRD	B8/F1	
GRD	MMPA2		04-072	123	G	GRD	B8/F1	
GRD	MMPA2		04-072	124	G	GRD	B8/F1	
GRD	MMPA2		04-072	132	G	GRD	B8/F1	
GRD	MMPA2		04-072	144	G	GRD	B8/F1	
GRD	MMPA2		04-072	145	G	GRD	B8/F1	
GRD	MMPA2		04-072	200	G	GRD	B8/F1	
GRD	MMPA2		04-072	201	G	GRD	B8/F1	
GRD	MMPA2		04-072	211	G	GRD	B8/F1	
GRD	MMPA2		04-072	212	G	GRD	B8/F1	

39 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	MMPA2		04-072	244	G	GRD	B8/F1	
GRD	MMPA2		04-072	245	G	GRD	B8/F1	
GRD	MMPA2		04-072	256	G	GRD	B8/F1	
GRD	MMPA2		04-072	300	G	GRD	B8/F1	
GRD	MMPA2		04-072	301	G	GRD	B8/F1	
GRD	MMPA2		04-072	311	G	GRD	B8/F1	
GRD	MMPA2		04-072	312	G	GRD	B8/F1	
GRD	MMPA2		04-072	344	G	GRD	B8/F1	
GRD	MMPA2		04-072	345	G	GRD	B8/F1	
GRD	MMPA2		04-072	356	G	GRD	B8/F1	
GRD	MSPPA3		04-080	023	G	GRD	B9/F0	
GRD	MSPPA3		04-080	024	G	GRD	B9/F0	
GRD	MSPPA3		04-080	032	G	GRD	B9/F0	
GRD	MSPPA3		04-080	044	G	GRD	B9/F0	
GRD	MSPPA3		04-080	045	G	GRD	B9/F0	
GRD	MSPPA3		04-080	123	G	GRD	B9/F0	
GRD	MSPPA3		04-080	124	G	GRD	B9/F0	
GRD	MSPPA3		04-080	132	G	GRD	B9/F0	
GRD	MSPPA3		04-080	144	G	GRD	B9/F0	
GRD	MSPPA3		04-080	145	G	GRD	B9/F0	
GRD	MSPPA3		04-080	200	G	GRD	B9/F0	
GRD	MSPPA3		04-080	201	G	GRD	B9/F0	
GRD	MSPPA3		04-080	211	G	GRD	B9/F0	
GRD	MSPPA3		04-080	212	G	GRD	B9/F0	
GRD	MSPPA3		04-080	224	G	NC	B9/F0	
GRD	MSPPA3		04-080	244	G	GRD	B9/F0	
GRD	MSPPA3		04-080	245	G	GRD	B9/F0	
GRD	MSPPA3		04-080	256	G	GRD	B9/F0	
GRD	MSPPA3		04-080	300	G	GRD	B9/F0	
GRD	MSPPA3		04-080	301	G	GRD	B9/F0	
GRD	MSPPA3		04-080	311	G	GRD	B9/F0	
GRD	MSPPA3		04-080	312	G	GRD	B9/F0	
GRD	MSPPA3		04-080	324	I	XPGM64E	B9/F0	
GRD	MSPPA3		04-080	344	G	GRD	B9/F0	
GRD	MSPPA3		04-080	345	G	GRD	B9/F0	
GRD	MSPPA3		04-080	356	G	GRD	B9/F0	
GRD	04-086		04-086	000	G		B12/D5	*
GRD	04-086		04-086	001	G		B12/D5	*
GRD	04-086		04-086	002	G		B12/D5	*
GRD	04-086		04-086	003	G		B12/D5	*
GRD	04-086		04-086	004	G		B12/D5	*
GRD	04-086		04-086	005	G		B12/D5	*
GRD	04-086		04-086	011	G		B12/D5	*
GRD	04-086		04-086	013	G		B12/D5	*
GRD	04-086		04-086	014	G		B12/D5	*
GRD	04-086		04-086	015	G		B12/D5	*
GRD	04-086		04-086	024	G		B12/E5	*
GRD	04-087		04-087	000	G		B12/D8	*
GRD	04-087		04-087	001	G		B12/D8	*
GRD	04-087		04-087	002	G		B12/D8	*
GRD	04-087		04-087	007	G		B12/D8	*
GRD	04-087		04-087	008	G		B12/D8	*
GRD	04-087		04-087	009	G		B12/D8	*
GRD	04-087		04-087	010	G		B12/D8	*
GRD	04-087		04-087	011	G		B12/D8	*
GRD	04-087		04-087	013	G		B12/D8	*
GRD	04-087		04-087	014	G		B12/D8	*
GRD	04-087		04-087	015	G		B12/D8	*
GRD	04-087		04-087	024	G		B12/E8	*
GRD	MMPA3		04-088	002	IO	SELB	B10/F0	
GRD	MMPA3		04-088	023	G	GRD	B10/F0	
GRD	MMPA3		04-088	024	G	GRD	B10/F0	
GRD	MMPA3		04-088	032	G	GRD	B10/F0	
GRD	MMPA3		04-088	044	G	GRD	B10/F0	
GRD	MMPA3		04-088	045	G	GRD	B10/F0	
GRD	MMPA3		04-088	123	G	GRD	B10/F0	
GRD	MMPA3		04-088	124	G	GRD	B10/F0	
GRD	MMPA3		04-088	132	G	GRD	B10/F0	
GRD	MMPA3		04-088	144	G	GRD	B10/F0	
GRD	MMPA3		04-088	145	G	GRD	B10/F0	
GRD	MMPA3		04-088	200	G	GRD	B10/F0	
GRD	MMPA3		04-088	201	G	GRD	B10/F0	
GRD	MMPA3		04-088	211	G	GRD	B10/F0	
GRD	MMPA3		04-088	212	G	GRD	B10/F0	
GRD	MMPA3		04-088	244	G	GRD	B10/F0	

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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40 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	MMPA3	04-088	245	G	GRD	B10/F0	
GRD	MMPA3	04-088	256	G	GRD	B10/F0	
GRD	MMPA3	04-088	300	G	GRD	B10/F0	
GRD	MMPA3	04-088	301	G	GRD	B10/F0	
GRD	MMPA3	04-088	311	G	GRD	B10/F0	
GRD	MMPA3	04-088	312	G	GRD	B10/F0	
GRD	MMPA3	04-088	344	G	GRD	B10/F0	
GRD	MMPA3	04-088	345	G	GRD	B10/F0	
GRD	MMPA3	04-088	356	G	GRD	B10/F0	
GRD	04-092	04-092	000	G		B24/D1	*
GRD	04-092	04-092	001	G		B24/D1	*
GRD	04-092	04-092	002	G		B24/D1	*
GRD	04-092	04-092	011	G		B24/D1	*
GRD	04-092	04-092	013	G		B24/D1	*
GRD	04-092	04-092	014	G		B24/D1	*
GRD	04-092	04-092	015	G		B24/D1	*
GRD	04-092	04-092	020	G		B24/D1	*
GRD	04-092	04-092	021	G		B24/D1	*
GRD	04-092	04-092	024	G		B24/E1	*
GRD	04-093	04-093	000	G		B24/D3	*
GRD	04-093	04-093	001	G		B24/D3	*
GRD	04-093	04-093	002	G		B24/D3	*
GRD	04-093	04-093	011	G		B24/D3	*
GRD	04-093	04-093	013	G		B24/D3	*
GRD	04-093	04-093	014	G		B24/D3	*
GRD	04-093	04-093	015	G		B24/D3	*
GRD	04-093	04-093	021	G		B24/D3	*
GRD	04-093	04-093	024	G		B24/E3	*
GRD	BPWRCONV	04-112	000	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	001	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	032	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	033	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	034	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	035	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	036	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	037	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	038	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	039	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	041	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	042	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	043	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	100	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	101	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	119	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	132	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	133	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	134	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	135	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	136	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	137	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	138	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	139	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	140	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	141	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	142	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	143	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	2	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	200	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	201	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	232	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	233	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	234	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	235	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	236	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	237	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	238	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	239	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	240	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	241	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	242	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	243	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	300	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	301	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	332	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	333	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	334	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	335	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	336	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	337	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	338	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	339	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	340	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	341	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	342	G	GRD	B14/F1	
GRD	BPWRCONV	04-112	343	G	GRD	B14/F1	
GRD	MSPPB0	04-120	023	G	GRD	B15/F0	
GRD	MSPPB0	04-120	024	G	GRD	B15/F0	
GRD	MSPPB0	04-120	032	G	GRD	B15/F0	
GRD	MSPPB0	04-120	044	G	GRD	B15/F0	
GRD	MSPPB0	04-120	045	G	GRD	B15/F0	
GRD	MSPPB0	04-120	123	G	GRD	B15/F0	
GRD	MSPPB0	04-120	124	G	GRD	B15/F0	
GRD	MSPPB0	04-120	132	G	GRD	B15/F0	
GRD	MSPPB0	04-120	144	G	GRD	B15/F0	
GRD	MSPPB0	04-120	145	G	GRD	B15/F0	

41 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	MSPPB0	04-120	200	G	GRD	B15/F0	
GRD	MSPPB0	04-120	201	G	GRD	B15/F0	
GRD	MSPPB0	04-120	211	G	GRD	B15/F0	
GRD	MSPPB0	04-120	212	G	GRD	B15/F0	
GRD	MSPPB0	04-120	224	G	NC	B15/F0	
GRD	MSPPB0	04-120	244	G	GRD	B15/F0	
GRD	MSPPB0	04-120	245	G	GRD	B15/F0	
GRD	MSPPB0	04-120	256	G	GRD	B15/F0	
GRD	MSPPB0	04-120	300	G	GRD	B15/F0	
GRD	MSPPB0	04-120	301	G	GRD	B15/F0	
GRD	MSPPB0	04-120	311	G	GRD	B15/F0	
GRD	MSPPB0	04-120	312	G	GRD	B15/F0	
GRD	MSPPB0	04-120	324	I	XPGM64E	B15/F0	
GRD	MSPPB0	04-120	344	G	GRD	B15/F0	
GRD	MSPPB0	04-120	345	G	GRD	B15/F0	
GRD	MSPPB0	04-120	356	G	GRD	B15/F0	
GRD	MMPB0	04-128	002	IO	SELB	B16/F1	
GRD	MMPB0	04-128	003	IO	SELA	B16/F1	
GRD	MMPB0	04-128	023	G	GRD	B16/F1	
GRD	MMPB0	04-128	024	G	GRD	B16/F1	
GRD	MMPB0	04-128	032	G	GRD	B16/F1	
GRD	MMPB0	04-128	044	G	GRD	B16/F1	
GRD	MMPB0	04-128	045	G	GRD	B16/F1	
GRD	MMPB0	04-128	123	G	GRD	B16/F1	
GRD	MMPB0	04-128	124	G	GRD	B16/F1	
GRD	MMPB0	04-128	132	G	GRD	B16/F1	
GRD	MMPB0	04-128	144	G	GRD	B16/F1	
GRD	MMPB0	04-128	145	G	GRD	B16/F1	
GRD	MMPB0	04-128	200	G	GRD	B16/F1	
GRD	MMPB0	04-128	201	G	GRD	B16/F1	
GRD	MMPB0	04-128	211	G	GRD	B16/F1	
GRD	MMPB0	04-128	212	G	GRD	B16/F1	
GRD	MMPB0	04-128	244	G	GRD	B16/F1	
GRD	MMPB0	04-128	245	G	GRD	B16/F1	
GRD	MMPB0	04-128	256	G	GRD	B16/F1	
GRD	MMPB0	04-128	300	G	GRD	B16/F1	
GRD	MMPB0	04-128	301	G	GRD	B16/F1	
GRD	MMPB0	04-128	311	G	GRD	B16/F1	
GRD	MMPB0	04-128	312	G	GRD	B16/F1	
GRD	MMPB0	04-128	344	G	GRD	B16/F1	
GRD	MMPB0	04-128	345	G	GRD	B16/F1	
GRD	MMPB0	04-128	356	G	GRD	B16/F1	
GRD	MSPPB1	04-136	023	G	GRD	B17/F0	
GRD	MSPPB1	04-136	024	G	GRD	B17/F0	
GRD	MSPPB1	04-136	032	G	GRD	B17/F0	
GRD	MSPPB1	04-136	044	G	GRD	B17/F0	
GRD	MSPPB1	04-136	045	G	GRD	B17/F0	
GRD	MSPPB1	04-136	123	G	GRD	B17/F0	
GRD	MSPPB1	04-136	124	G	GRD	B17/F0	
GRD	MSPPB1	04-136	132	G	GRD	B17/F0	
GRD	MSPPB1	04-136	144	G	GRD	B17/F0	
GRD	MSPPB1	04-136	145	G	GRD	B17/F0	
GRD	MSPPB1	04-136	200	G	GRD	B17/F0	
GRD	MSPPB1	04-136	201	G	GRD	B17/F0	
GRD	MSPPB1	04-136	211	G	GRD	B17/F0	
GRD	MSPPB1	04-136	212	G	GRD	B17/F0	
GRD	MSPPB1	04-136	224	G	NC	B17/F0	
GRD	MSPPB1	04-136	244	G	GRD	B17/F0	
GRD	MSPPB1	04-136	245	G	GRD	B17/F0	
GRD	MSPPB1	04-136	256	G	GRD	B17/F0	
GRD	MSPPB1	04-136	300	G	GRD	B17/F0	
GRD	MSPPB1	04-136	301	G	GRD	B17/F0	
GRD	MSPPB1	04-136	311	G	GRD	B17/F0	
GRD	MSPPB1	04-136	312	G	GRD	B17/F0	
GRD	MSPPB1	04-136	324	I	XPGM64E	B17/F0	
GRD	MSPPB1	04-136	344	G	GRD	B17/F0	
GRD	MSPPB1	04-136	345	G	GRD	B17/F0	
GRD	MSPPB1	04-136	356	G	GRD	B17/F0	
GRD	MMPB1	04-144	023	G	GRD	B18/F1	
GRD	MMPB1	04-144	024	G	GRD	B18/F1	
GRD	MMPB1	04-144	032	G	GRD	B18/F1	
GRD	MMPB1	04-144	044	G	GRD	B18/F1	
GRD	MMPB1	04-144	045	G	GRD	B18/F1	
GRD	MMPB1	04-144	123	G	GRD	B18/F1	
GRD	MMPB1	04-144	124	G	GRD	B18/F1	
GRD	MMPB1	04-144	132	G	GRD	B18/F1	
GRD	MMPB1	04-144	144	G	GRD	B18/F1	
GRD	MMPB1	04-144	145	G	GRD	B18/F1	
GRD	MMPB1	04-144	200	G	GRD	B18/F1	
GRD	MMPB1	04-144	201	G	GRD	B18/F1	
GRD	MMPB1	04-144	211	G	GRD	B18/F1	
GRD	MMPB1	04-144	212	G	GRD	B18/F1	
GRD	MMPB1	04-144	244	G	GRD	B18/F1	
GRD	MMPB1	04-144	245	G	GRD	B18/F1	
GRD	MMPB1	04-144	256	G	GRD	B18/F1	
GRD	MMPB1	04-144	300	G	GRD	B18/F1	
GRD	MMPB1	04-144	301	G	GRD	B18/F1	
GRD	MMPB1	04-144	311	G	GRD	B18/F1	
GRD	MMPB1	04-144	312	G	GRD	B18/F1	
GRD	MMPB1	04-144	344	G	GRD	B18/F1	
GRD	MMPB1	04-144	345	G	GRD	B18/F1	
GRD	MMPB1	04-144	356	G	GRD	B18/F1	
GRD	MSPPB2	04-152	023	G	GRD	B19/E0	
GRD	MSPPB2	04-152	024	G	GRD	B19/E0	
GRD	MSPPB2	04-152	032	G	GRD	B19/E0	

42 LEAD INDEX (CONTINUED)

LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	MSPPB2	04-152	044	G	GRD	B19/E0	
GRD	MSPPB2	04-152	045	G	GRD	B19/E0	
GRD	MSPPB2	04-152	123	G	GRD	B19/E0	
GRD	MSPPB2	04-152	124	G	GRD	B19/E0	
GRD	MSPPB2	04-152	132	G	GRD	B19/E0	
GRD	MSPPB2	04-152	144	G	GRD	B19/E0	
GRD	MSPPB2	04-152	145	G	GRD	B19/E0	
GRD	MSPPB2	04-152	200	G	GRD	B19/E0	
GRD	MSPPB2	04-152	201	G	GRD	B19/E0	
GRD	MSPPB2	04-152	211	G	GRD	B19/E0	
GRD	MSPPB2	04-152	212	G	GRD	B19/E0	
GRD	MSPPB2	04-152	224	G	NC	B19/E0	
GRD	MSPPB2	04-152	244	G	GRD	B19/E0	
GRD	MSPPB2	04-152	245	G	GRD	B19/E0	
GRD	MSPPB2	04-152	256	G	GRD	B19/E0	
GRD	MSPPB2	04-152	300	G	GRD	B19/E0	
GRD	MSPPB2	04-152	301	G	GRD	B19/E0	
GRD	MSPPB2	04-152	311	G	GRD	B19/E0	
GRD	MSPPB2	04-152	312	G	GRD	B19/E0	
GRD	MSPPB2	04-152	324	I	XPGM64E	B19/E0	
GRD	MSPPB2	04-152	344	G	GRD	B19/E0	
GRD	MSPPB2	04-152	345	G	GRD	B19/E0	
GRD	MSPPB2	04-152	356	G	GRD	B19/E0	
GRD	MMPB2	04-160	003	IO	SELA	B20/F1	
GRD	MMPB2	04-160	023	G	GRD	B20/F1	
GRD	MMPB2	04-160	024	G	GRD	B20/F1	
GRD	MMPB2	04-160	032	G	GRD	B20/F1	
GRD	MMPB2	04-160	044	G	GRD	B20/F1	
GRD	MMPB2	04-160	045	G	GRD	B20/F1	
GRD	MMPB2	04-160	123	G	GRD	B20/F1	
GRD	MMPB2	04-160	124	G	GRD	B20/F1	
GRD	MMPB2	04-160	132	G	GRD	B20/F1	
GRD	MMPB2	04-160	144	G	GRD	B20/F1	
GRD	MMPB2	04-160	145	G	GRD	B20/F1	
GRD	MMPB2	04-160	200	G	GRD	B20/F1	
GRD	MMPB2	04-160	201	G	GRD	B20/F1	
GRD	MMPB2	04-160	211	G	GRD	B20/F1	
GRD	MMPB2	04-160	212	G	GRD	B20/F1	
GRD	MMPB2	04-160	244	G	GRD	B20/F1	
GRD	MMPB2	04-160	245	G	GRD	B20/F1	
GRD	MMPB2	04-160	256	G	GRD	B20/F1	
GRD	MMPB2	04-160	300	G	GRD	B20/F1	
GRD	MMPB2	04-160	301	G	GRD	B20/F1	
GRD	MMPB2	04-160	311	G	GRD	B20/F1	
GRD	MMPB2	04-160	312	G	GRD	B20/F1	
GRD	MMPB2	04-160	344	G	GRD	B20/F1	
GRD	MMPB2	04-160	345	G	GRD	B20/F1	
GRD	MMPB2	04-160	356	G	GRD	B20/F1	
GRD	MSPPB3	04-168	023	G	GRD	B21/F0	
GRD	MSPPB3	04-168	024	G	GRD	B21/F0	
GRD	MSPPB3	04-168	032	G	GRD	B21/F0	
GRD	MSPPB3	04-168	044	G	GRD	B21/F0	
GRD	MSPPB3	04-168	045	G	GRD	B21/F0	
GRD	MSPPB3	04-168	123	G	GRD	B21/F0	
GRD	MSPPB3	04-168	124	G	GRD	B21/F0	
GRD	MSPPB3	04-168	132	G	GRD	B21/F0	
GRD	MSPPB3	04-168	144	G	GRD	B21/F0	
GRD	MSPPB3	04-168	145	G	GRD	B21/F0	
GRD	MSPPB3	04-168	200	G	GRD	B21/F0	
GRD	MSPPB3	04-168	201	G	GRD	B21/F0	
GRD	MSPPB3	04-168	211	G	GRD	B21/F0	
GRD	MSPPB3	04-168	212	G	GRD	B21/F0	
GRD	MSPPB3	04-168	224	G	NC	B21/F0	
GRD	MSPPB3	04-168	244	G	GRD	B21/F0	
GRD	MSPPB3	04-168	245	G	GRD	B21/F0	
GRD	MSPPB3	04-168	256	G	GRD	B21/F0	
GRD	MSPPB3	04-168	300	G	GRD	B21/F0	
GRD	MSPPB3	04-168	301	G	GRD	B21/F0	
GRD	MSPPB3	04-168	311	G	GRD	B21/F0	
GRD	MSPPB3	04-168	312	G	GRD	B21/F0	
GRD	MSPPB3	04-168	324	I	XPGM64E	B21/F0	
GRD	MSPPB3	04-168	344	G	GRD	B21/F0	
GRD	MSPPB3	04-168	345	G	GRD	B21/F0	
GRD	MSPPB3	04-168	356	G	GRD	B21/F0	
GRD	04-174	04-174	000	G		B24/D5	*

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	04-174	04-174	001	G		B24/D5	*
GRD	04-174	04-174	002	G		B24/D5	*
GRD	04-174	04-174	003	G		B24/D5	*
GRD	04-174	04-174	004	G		B24/D5	*
GRD	04-174	04-174	005	G		B24/D5	*
GRD	04-174	04-174	011	G		B24/D5	*
GRD	04-174	04-174	013	G		B24/D5	*
GRD	04-174	04-174	014	G		B24/D5	*
GRD	04-174	04-174	015	G		B24/D5	*
GRD	04-174	04-174	024	G		B24/E5	*
GRD	04-175	04-175	000	G		B24/D8	*
GRD	04-175	04-175	001	G		B24/D8	*
GRD	04-175	04-175	002	G		B24/D8	*
GRD	04-175	04-175	007	G		B24/D8	*
GRD	04-175	04-175	008	G		B24/D8	*
GRD	04-175	04-175	009	G		B24/D8	*
GRD	04-175	04-175	010	G		B24/D8	*
GRD	04-175	04-175	011	G		B24/D8	*
GRD	04-175	04-175	013	G		B24/D8	*
GRD	04-175	04-175	014	G		B24/D8	*
GRD	04-175	04-175	015	G		B24/D8	*
GRD	04-175	04-175	024	G		B24/E8	*
GRD	MMPB3	04-176	002	IO	SELB	B22/F1	
GRD	MMPB3	04-176	023	G	GRD	B22/F1	
GRD	MMPB3	04-176	024	G	GRD	B22/F1	
GRD	MMPB3	04-176	032	G	GRD	B22/F1	
GRD	MMPB3	04-176	044	G	GRD	B22/F1	
GRD	MMPB3	04-176	045	G	GRD	B22/F1	
GRD	MMPB3	04-176	123	G	GRD	B22/F1	
GRD	MMPB3	04-176	124	G	GRD	B22/F1	
GRD	MMPB3	04-176	132	G	GRD	B22/F1	
GRD	MMPB3	04-176	144	G	GRD	B22/F1	
GRD	MMPB3	04-176	145	G	GRD	B22/F1	
GRD	MMPB3	04-176	200	G	GRD	B22/F1	
GRD	MMPB3	04-176	201	G	GRD	B22/F1	
GRD	MMPB3	04-176	211	G	GRD	B22/F1	
GRD	MMPB3	04-176	212	G	GRD	B22/F1	
GRD	MMPB3	04-176	244	G	GRD	B22/F1	
GRD	MMPB3	04-176	245	G	GRD	B22/F1	
GRD	MMPB3	04-176	256	G	GRD	B22/F1	
GRD	MMPB3	04-176	300	G	GRD	B22/F1	
GRD	MMPB3	04-176	301	G	GRD	B22/F1	
GRD	MMPB3	04-176	311	G	GRD	B22/F1	
GRD	MMPB3	04-176	312	G	GRD	B22/F1	
GRD	MMPB3	04-176	344	G	GRD	B22/F1	
GRD	MMPB3	04-176	345	G	GRD	B22/F1	
GRD	MMPB3	04-176	356	G	GRD	B22/F1	
GRD	04-180	04-180	000	G		B24/G1	*
GRD	04-180	04-180	001	G		B24/G1	*
GRD	04-180	04-180	002	G		B24/G1	*
GRD	04-180	04-180	011	G		B24/G1	*
GRD	04-180	04-180	013	G		B24/G1	*
GRD	04-180	04-180	014	G		B24/G1	*
GRD	04-180	04-180	015	G		B24/G1	*
GRD	04-180	04-180	020	G		B24/H1	*
GRD	04-180	04-180	021	G		B24/H1	*
GRD	04-180	04-180	024	G		B24/H1	*
GRD	04-181	04-181	000	G		B24/G3	*
GRD	04-181	04-181	001	G		B24/G3	*
GRD	04-181	04-181	002	G		B24/G3	*
GRD	04-181	04-181	011	G		B24/G3	*
GRD	04-181	04-181	013	G		B24/G3	*
GRD	04-181	04-181	014	G		B24/G3	*
GRD	04-181	04-181	015	G		B24/H3	*
GRD	04-181	04-181	021	G		B24/H3	*
GRD	04-181	04-181	024	G		B24/H3	*
GRD	07-017	07-017	057	G		B11/E5	*
GRD	E12	07-017-057	1	G	GRD1	B11/D5	
GRD	E12	07-017-057	2	G	GRD2	B11/D5	
GRD	E12	07-017-057	3	G	GRD3	B11/D5	
GRD	E12	07-017-057	4	G	GRD4	B11/D5	
GRD	07-018	07-018	057	G		B11/E5	*
GRD	E13	07-018-057	1	G	GRD1	B11/D5	
GRD	E13	07-018-057	2	G	GRD2	B11/D5	
GRD	E13	07-018-057	3	G	GRD3	B11/D5	
GRD	E13	07-018-057	4	G	GRD4	B11/D5	
GRD	07-037	07-037	057	G		B11/E6	*
GRD	E14	07-037-057	1	G	GRD1	B11/D6	
GRD	E14	07-037-057	2	G	GRD2	B11/D6	
GRD	E14	07-037-057	3	G	GRD3	B11/D6	
GRD	E14	07-037-057	4	G	GRD4	B11/D6	
GRD	07-038	07-038	057	G		B11/E6	*
GRD	E15	07-038-057	1	G	GRD1	B11/D6	
GRD	E15	07-038-057	2	G	GRD2	B11/D6	
GRD	E15	07-038-057	3	G	GRD3	B11/D6	
GRD	E15	07-038-057	4	G	GRD4	B11/D6	
GRD	07-061	07-061	057	G		B11/E7	*
GRD	E16	07-061-057	1	G	GRD1	B11/D7	
GRD	E16	07-061-057	2	G	GRD2	B11/D7	
GRD	E16	07-061-057	3	G	GRD3	B11/D7	
GRD	E16	07-061-057	4	G	GRD4	B11/D7	
GRD	07-062	07-062	057	G		B11/E7	*
GRD	E17	07-062-057	1	G	GRD1	B11/D7	
GRD	E17	07-062-057	2	G	GRD2	B11/D7	
GRD	E17	07-062-057	3	G	GRD3	B11/D7	

LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	E17	07-062-057	4	G	GRD4	B11/D7	
GRD	07-085	07-085	057	G		B11/E8	*
GRD	E18	07-085-057	1	G	GRD1	B11/D8	
GRD	E18	07-085-057	2	G	GRD2	B11/D8	
GRD	E18	07-085-057	3	G	GRD3	B11/D8	
GRD	E18	07-085-057	4	G	GRD4	B11/D8	
GRD	07-086	07-086	057	G		B11/E8	*
GRD	E19	07-086-057	1	G	GRD1	B11/D8	
GRD	E19	07-086-057	2	G	GRD2	B11/D8	
GRD	E19	07-086-057	3	G	GRD3	B11/D8	
GRD	E19	07-086-057	4	G	GRD4	B11/D8	
GRD	07-107	07-107	057	G		B23/E5	*
GRD	E31	07-107-057	1	G	GRD1	B23/D5	
GRD	E31	07-107-057	2	G	GRD2	B23/D5	
GRD	E31	07-107-057	3	G	GRD3	B23/D5	
GRD	E31	07-107-057	4	G	GRD4	B23/D5	
GRD	07-108	07-108	057	G		B23/E6	*
GRD	E32	07-108-057	1	G	GRD1	B23/D6	
GRD	E32	07-108-057	2	G	GRD2	B23/D6	
GRD	E32	07-108-057	3	G	GRD3	B23/D6	
GRD	E32	07-108-057	4	G	GRD4	B23/D6	
GRD	07-128	07-128	157	G		B23/E6	*
GRD	07-128	07-128	257	G		B23/E7	*
GRD	E33	07-128-157	1	G	GRD1	B23/D6	
GRD	E33	07-128-157	2	G	GRD2	B23/D6	
GRD	E33	07-128-157	3	G	GRD3	B23/D6	
GRD	E33	07-128-157	4	G	GRD4	B23/D6	
GRD	E34	07-128-257	1	G	GRD1	B23/D6	
GRD	E34	07-128-257	2	G	GRD2	B23/D6	
GRD	E34	07-128-257	3	G	GRD3	B23/D6	
GRD	E34	07-128-257	4	G	GRD4	B23/D6	
GRD	07-152	07-152	057	G		B23/E7	*
GRD	07-152	07-152	157	G		B23/E7	*
GRD	E35	07-152-057	1	G	GRD1	B23/D7	
GRD	E35	07-152-057	2	G	GRD2	B23/D7	
GRD	E35	07-152-057	3	G	GRD3	B23/D7	
GRD	E35	07-152-057	4	G	GRD4	B23/D7	
GRD	E36	07-152-157	1	G	GRD1	B23/D7	
GRD	E36	07-152-157	2	G	GRD2	B23/D7	
GRD	E36	07-152-157	3	G	GRD3	B23/D7	
GRD	E36	07-152-157	4	G	GRD4	B23/D7	
GRD	07-173	07-173	057	G		B23/E8	*
GRD	E37	07-173-057	1	G	GRD1	B23/D8	
GRD	E37	07-173-057	2	G	GRD2	B23/D8	
GRD	E37	07-173-057	3	G	GRD3	B23/D8	
GRD	E37	07-173-057	4	G	GRD4	B23/D8	
GRD	07-174	07-174	057	G		B23/E8	*
GRD	E38	07-174-057	1	G	GRD1	B23/D8	
GRD	E38	07-174-057	2	G	GRD2	B23/D8	
GRD	E38	07-174-057	3	G	GRD3	B23/D8	
GRD	E38	07-174-057	4	G	GRD4	B23/D8	
MANOVR0	04-007	04-007	021	O		B12/D3	*
MANOVR0	04-007	04-007	024	O		B12/E3	*
MANOVR0	AMSPUCD	04-008	135	O	SCV0	B1/F2	
MANOVR0	BMSPUCD	04-096	135	O	SCV0	B13/F2	
MANOVR1	04-007	04-007	020	O		B12/E3	*
MANOVR1	04-007	04-007	023	O		B12/E3	*
MANOVR1	AMSPUCD	04-008	136	O	SCV1	B1/F2	
MANOVR1	BMSPUCD	04-096	136	O	SCV1	B13/F2	
MANOVRR0	04-006	04-006	021	O		B12/D1	*
MANOVRR0	04-006	04-006	024	O		B12/D1	*
MANOVRR0	AMSPUCD	04-008	035	O	SCVRTN0	B1/F2	
MANOVRR0	BMSPUCD	04-096	035	O	SCVRTN0	B13/F2	
MANOVRR1	04-006	04-006	020	O		B12/D1	*
MANOVRR1	04-006	04-006	023	O		B12/E1	*
MANOVRR1	AMSPUCD	04-008	036	O	SCVRTN1	B1/F2	
MANOVRR1	BMSPUCD	04-096	036	O	SCVRTN1	B13/F2	

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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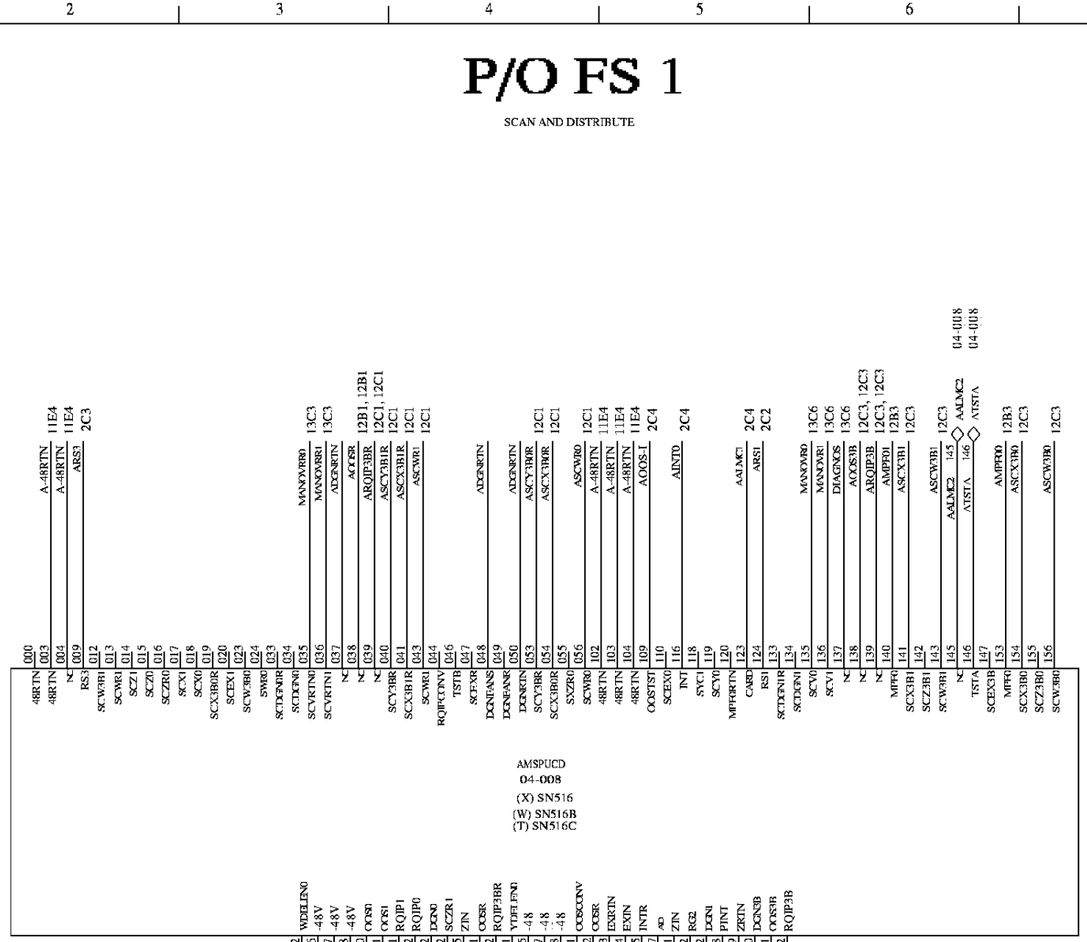

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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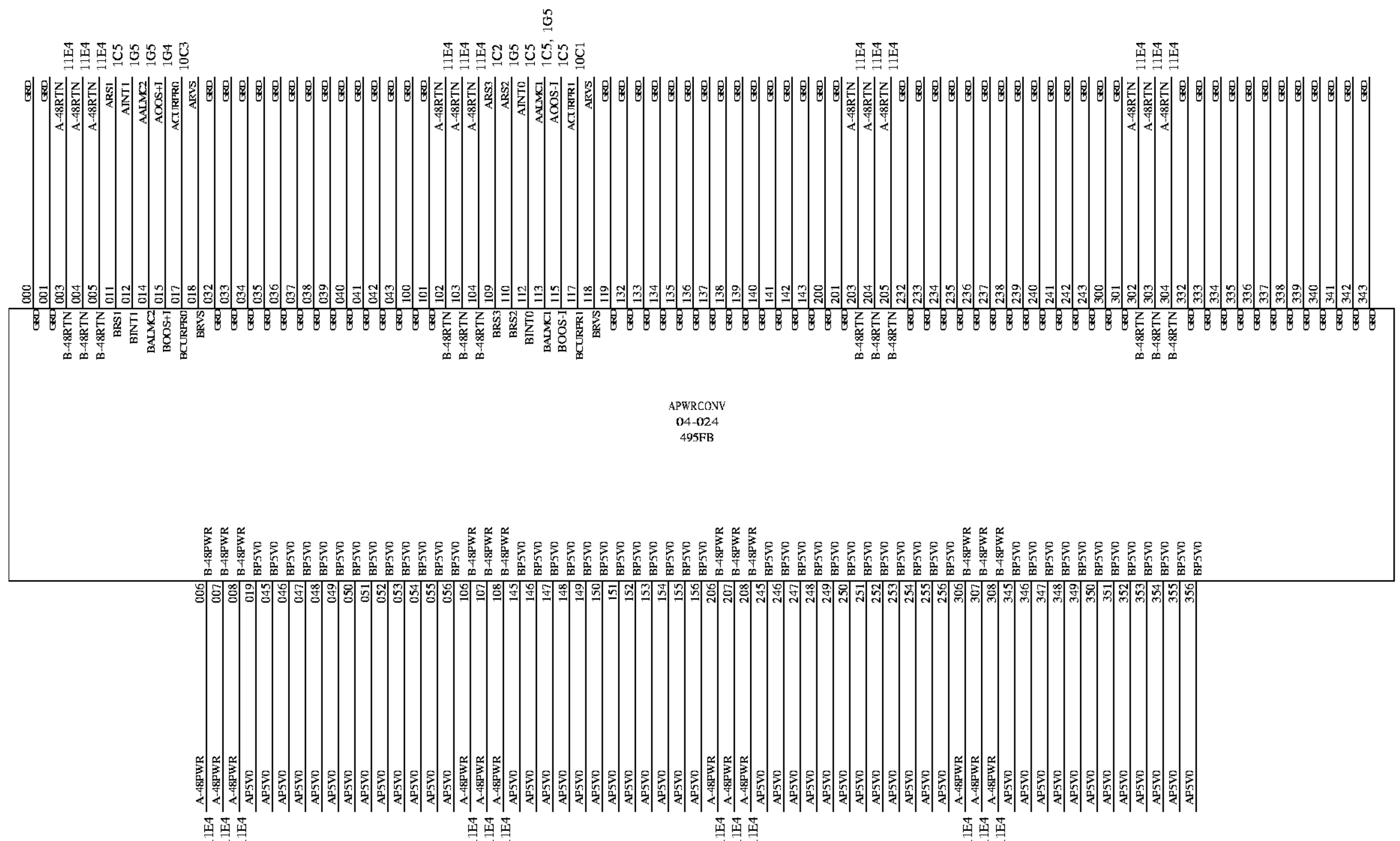
POWER CONVERTER



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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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MESSAGE SWITCH PERIPHERAL PROCESSOR 0

MSPPA0
04-032
(V) TN856B
(U) TN856C

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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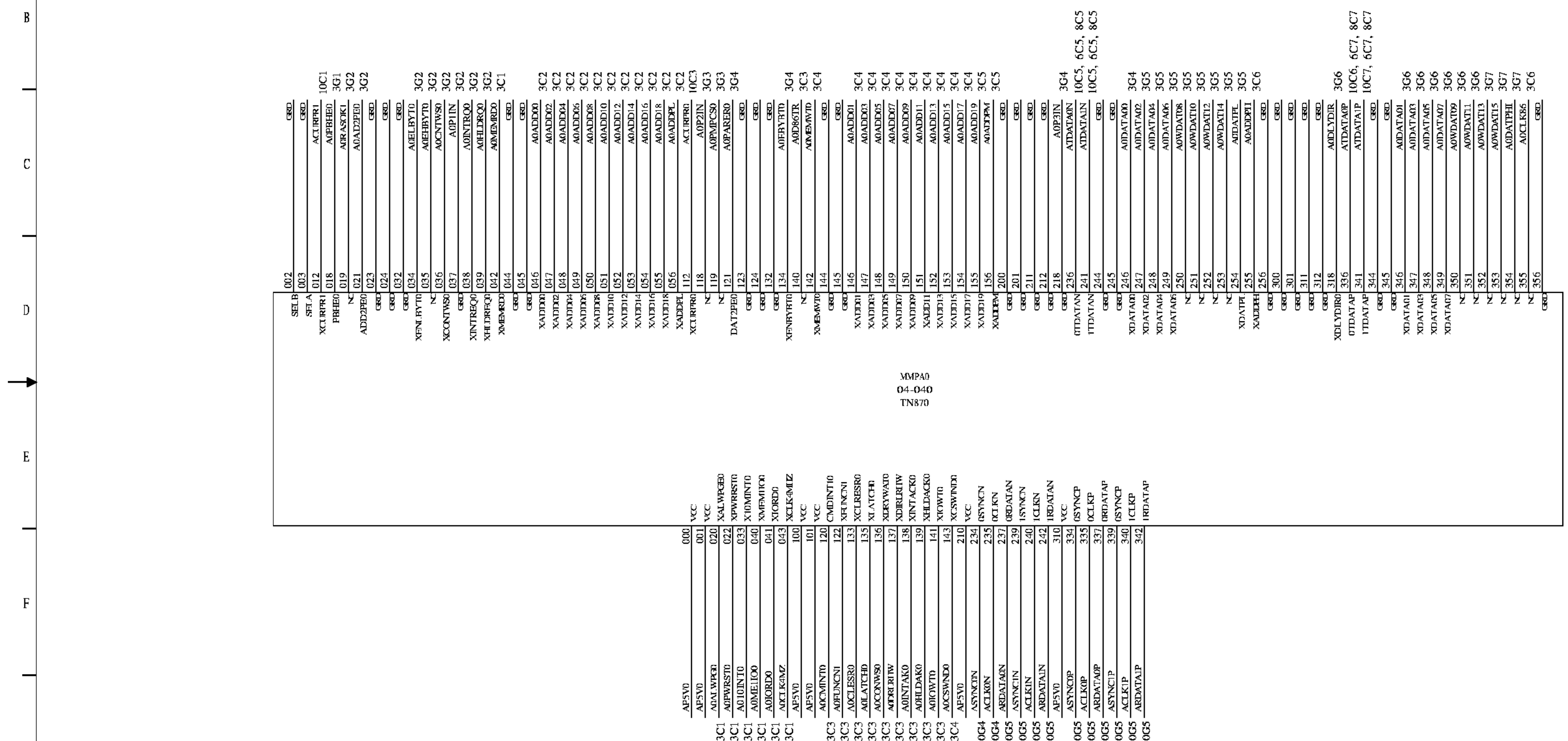
MODULE MESSAGE PROCESSOR 0



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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3	DWG SIZE C2	ISSUE 6M
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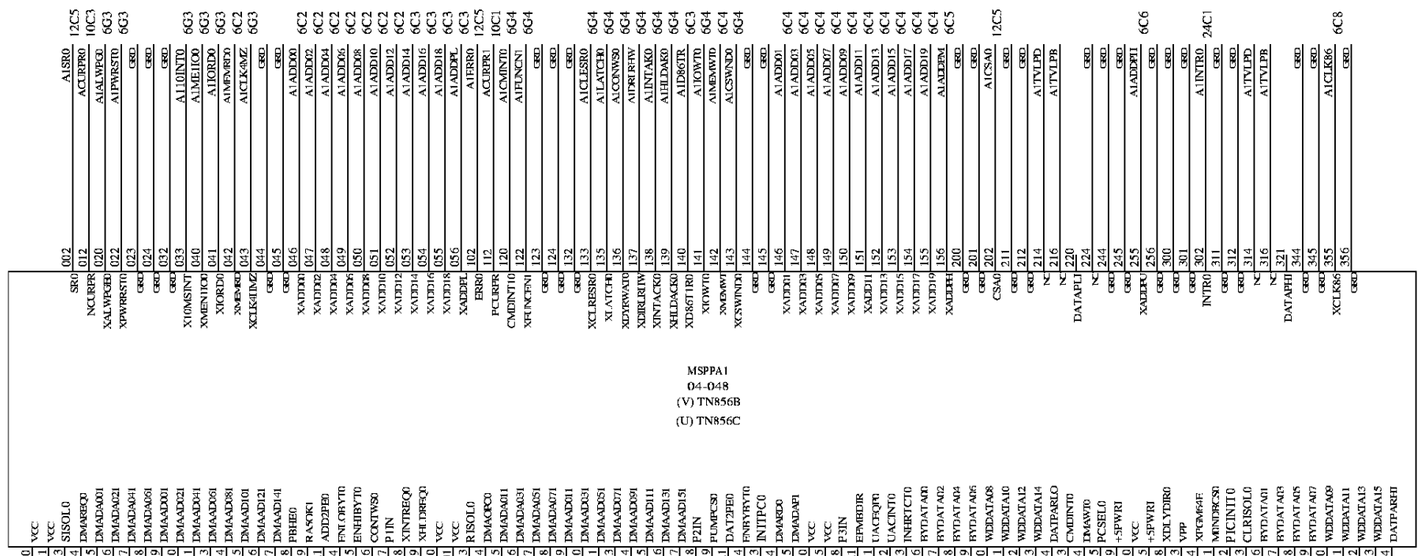
MESSAGE SWITCH PERIPHERAL PROCESSOR 1



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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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P/O FS 1

MODULE MESSAGE PROCESSOR 1

002	SELB		
003	SFI_A		
012	XCLRPR1	A1CLRPR1	10C1
018	FBHE0	A1PBHE0	5G2
019	NC	A1RASPDR1	5G2
021	ADD23PE0	A1AD23PE0	5G2
023	GRD	GRD	
024	GRD	GRD	
032	GRD	GRD	
034	XFNLBYT0	A1ELBYT0	5G2
035	NC	A1EHBYT0	5G2
036	XCONTWS0	A1CNTWS0	5G2
037	GRD	A1P1IN	5G2
038	XINTREQ0	A1INTRQ0	5G2
039	XHLDREQ0	A1HLDRQ0	5G2
042	XMEMRD0	A1MEMRD0	5G2
044	GRD	GRD	5C1
045	GRD	GRD	
046	GRD	A1ADD00	5C2
047	XADD01	A1ADD02	5C2
048	XADD02	A1ADD04	5C2
049	XADD03	A1ADD06	5C2
050	XADD04	A1ADD08	5C2
051	XADD05	A1ADD10	5C2
052	XADD06	A1ADD12	5C2
053	XADD07	A1ADD14	5C2
054	XADD08	A1ADD16	5C2
055	XADD09	A1ADD18	5C2
056	XADD10	A1ADD20	5C2
112	XADD11	A1ADD22	5C2
118	XCLRPR0	A1P2IN	10C3
119	NC	A1PMPC50	5G4
121	NC	A1PARPR0	5G4
123	DAT32PE0	GRD	5G4
124	GRD	GRD	
132	GRD	GRD	
134	XFNRWB10	A1EBYB10	5G4
140	NC	A1D86TR	5C3
142	XMEMWR0	A1MEMWR0	5C4
144	GRD	GRD	
145	GRD	GRD	
146	XADD00	A1ADD01	5C4
147	XADD01	A1ADD03	5C4
148	XADD02	A1ADD05	5C4
149	XADD03	A1ADD07	5C4
150	XADD04	A1ADD09	5C4
151	XADD05	A1ADD11	5C4
152	XADD06	A1ADD13	5C4
153	XADD07	A1ADD15	5C4
154	XADD08	A1ADD17	5C4
155	XADD09	A1ADD19	5C5
156	XADD10	A1ADD21	5C5
200	XADD11	A1ADD23	5C5
201	GRD	GRD	
211	GRD	GRD	
212	GRD	GRD	
218	GRD	A1P2IN	5G4
236	OTDATAN	ATDATA0N	4C5
241	ITDATAN	ATDATA1N	4C5
244	GRD	GRD	
245	GRD	GRD	
246	XDATA00	A1DATA00	5G5
247	XDATA01	A1DATA02	5G5
248	XDATA02	A1DATA04	5G5
249	XDATA03	A1DATA06	5G5
250	XDATA04	A1WDAT08	5G5
251	NC	A1WDAT10	5G5
252	NC	A1WDAT12	5G5
253	NC	A1WDAT14	5G5
254	XDATPL	A1DATPL	5G5
255	XDATPH	A1ADDP11	5G5
256	XADDP11	GRD	5C6
300	GRD	GRD	
301	GRD	GRD	
311	GRD	GRD	
312	GRD	GRD	
318	XDLYDIR0	A1DLYDIR	5G6
336	OTDATAP	ATDATA0P	4C7
341	ITDATAP	ATDATA1P	4C7
344	GRD	GRD	
345	GRD	GRD	
346	XDATA01	A1DATA01	5G6
347	XDATA03	A1DATA03	5G6
348	XDATA05	A1DATA05	5G6
349	XDATA07	A1DATA07	5G6
350	XDATA09	A1WDAT09	5G6
351	NC	A1WDAT11	5G7
352	NC	A1WDAT13	5G7
353	NC	A1WDAT15	5G7
354	NC	A1DATPH	5G7
355	NC	A1CLK366	5G7
356	GRD	GRD	5C7

MMPA1
04-056
TN870

000	VCC	VCC	
001	VCC	VCC	
020	XALWPGE0	ALWPGE0	5C1
022	XPWRRST0	A1PWRST0	5C1
033	X10MINT0	A1110INT0	5C1
040	XMPAHF00	A1MELI00	5C1
041	X0ORD0	A10ORD0	5C1
043	XCLK4MHZ	A1CLK4MZ	5C1
100	AP5V0	AP5V0	
101	VCC	VCC	
120	CMDINT10	A1CMDINT0	5C3
122	XPUNCN1	A1PUNCN1	5C3
133	XCLRESR0	A1CLESR0	5C3
135	XLATCH0	A1LATCH0	5C3
136	XDRIVWAT0	A1CONWS0	5C3
137	XDIRQBHW	A1PRIBHW	5C3
138	XINTACK0	A1INTAK0	5C3
139	XHLDACK0	A1HLDAK0	5C3
141	XROWT0	A1IOWTD	5C4
143	XCSWIND0	A1CSWNDD	5C4
210	VCC	AP5V0	5C4
234	ISYNCN	ASYNCON	10G4
235	ICLKN	ACLK0N	10G4
237	IRDATAN	ARDATA0N	10G4
239	ISYNCN	ASYNC1N	10G5
240	CLKN	ACLK1N	10G5
242	IRDATAN	ARDATA1N	10G5
310	VCC	AP5V0	10G5
334	ISYNCP	ASYNC0P	10G5
335	ICLKP	ACLK0P	10G5
337	IRDATAP	ARDATA0P	10G5
339	ISYNCP	ASYNC1P	10G5
340	ICLKP	ACLK1P	10G5
342	IRDATAP	ARDATA1P	10G5

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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MESSAGE SWITCH PERIPHERAL PROCESSOR 2

MSPPA2
04-064
(V) TN856B
(U) TN856C

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE: C2
ISSUE: 6M
Lucent Technologies
SD-5D078-01
SHEET: B7

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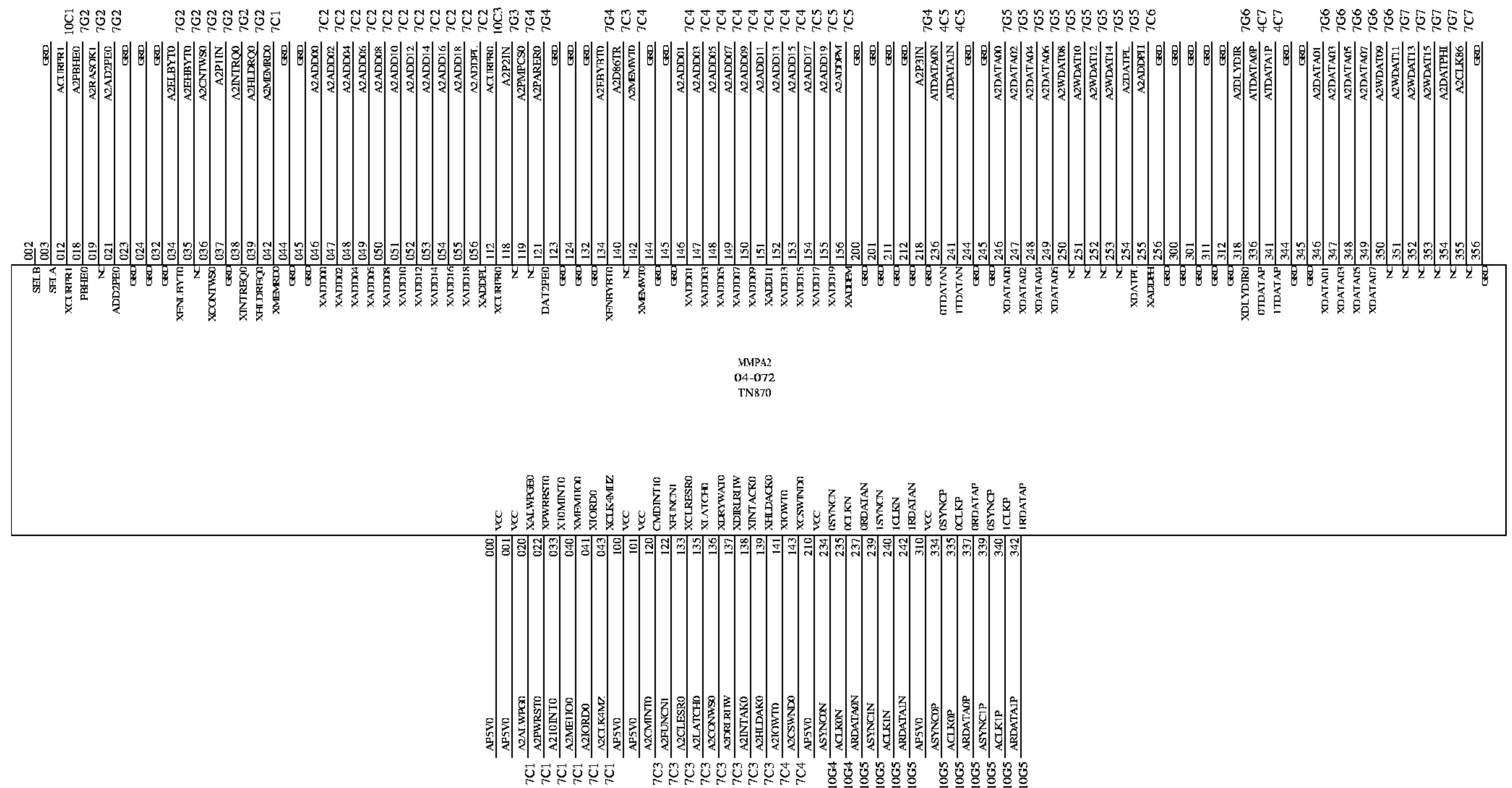
MODULE MESSAGE PROCESSOR 2



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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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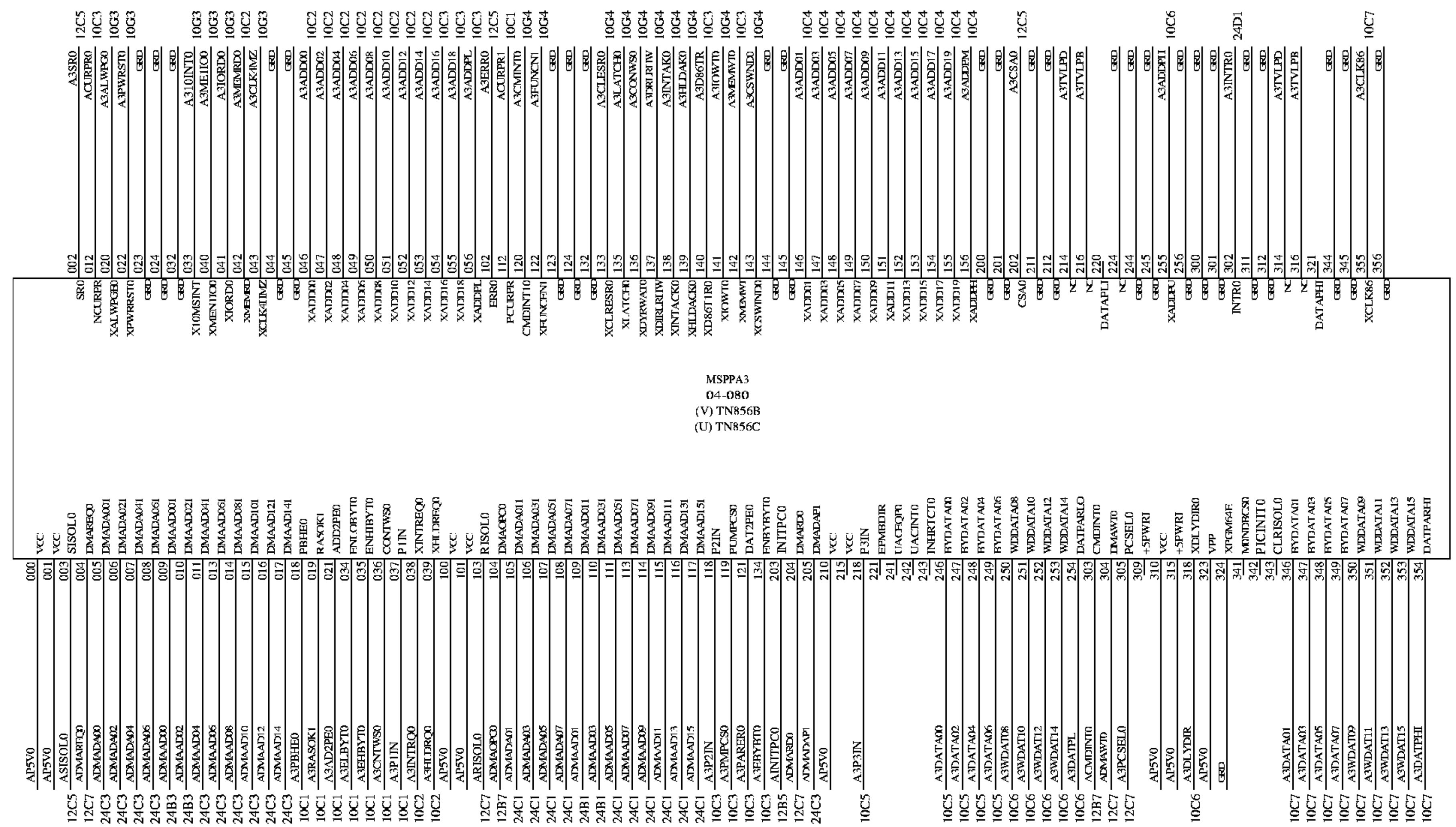
MESSAGE SWITCH PERIPHERAL PROCESSOR 3



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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3	DWG SIZE C2	ISSUE 6M
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MODULE MESSAGE PROCESSOR 3

MMPA3
04-088
TN870

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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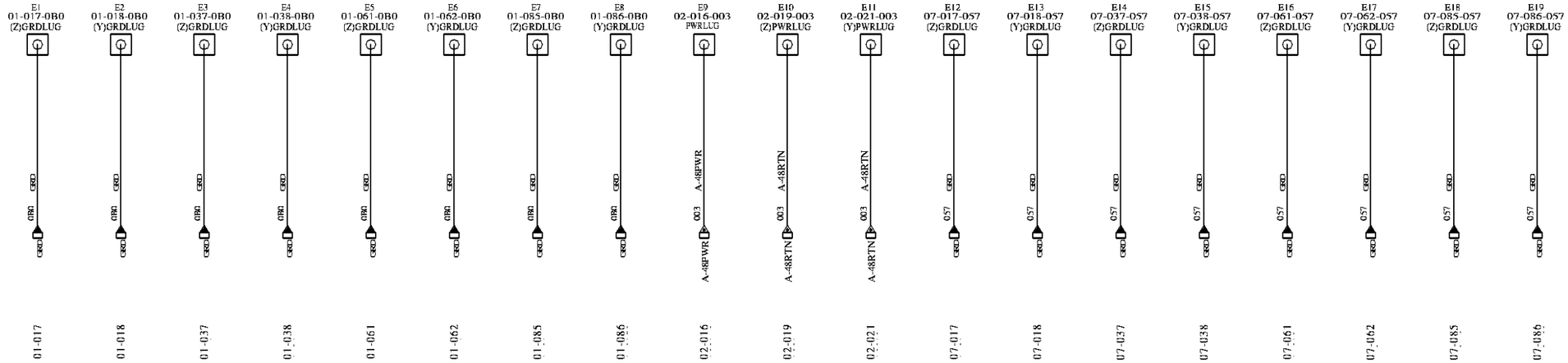
POWER AND GROUND LUGS
(SEE NOTE 306)



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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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		B11

P/O FS 1

TF 1

SCAN AND DISTRIBUTE
04-006

AOOSR	037	AOOSR	04-006
AOOSR	050	AOOSR	04-006
ARQIP3BR	038	ARQIP3BR	04-006
ARQIP3BR	051	ARQIP3BR	04-006
ASCWR0	055	ASCWR0	04-006
ASCWR1	042	ASCWR1	04-006
ASCX3B0R	054	ASCX3B0R	04-006
ASCX3B1R	041	ASCX3B1R	04-006
ASCY3B0R	053	ASCY3B0R	04-006
ASCY3B1R	040	ASCY3B1R	04-006
BOOSR	033	BOOSR	04-006
BOOSR	046	BOOSR	04-006
BRQIP3BR	034	BRQIP3BR	04-006
BRQIP3BR	047	BRQIP3BR	04-006
BSCWR0	052	BSCWR0	04-006
BSCWR1	039	BSCWR1	04-006
BSCX3B0R	049	BSCX3B0R	04-006
BSCX3B1R	036	BSCX3B1R	04-006
BSCY3B0R	048	BSCY3B0R	04-006
BSCY3B1R	035	BSCY3B1R	04-006
MANOVRR0	024	MANOVRR0	04-006
MANOVRR0	021	MANOVRR0	04-006
MANOVRR1	020	MANOVRR1	04-006
MANOVRR1	023	MANOVRR1	04-006

TF 2

SCAN AND DISTRIBUTE
04-007

AMPF00	053	AMPF00	04-007
AMPF01	040	AMPF01	04-007
AOOS3B	037	AOOS3B	04-007
AOOS3B	050	AOOS3B	04-007
ARQIP3B	038	ARQIP3B	04-007
ARQIP3B	051	ARQIP3B	04-007
ASCW3B0	055	ASCW3B0	04-007
ASCW3B1	042	ASCW3B1	04-007
ASCX3B0	054	ASCX3B0	04-007
ASCX3B1	041	ASCX3B1	04-007
BMPF00	048	BMPF00	04-007
BMPF01	035	BMPF01	04-007
BOOS3B	033	BOOS3B	04-007
BOOS3B	046	BOOS3B	04-007
BRQIP3B	034	BRQIP3B	04-007
BRQIP3B	047	BRQIP3B	04-007
BSCW3B0	052	BSCW3B0	04-007
BSCW3B1	039	BSCW3B1	04-007
BSCX3B0	049	BSCX3B0	04-007
BSCX3B1	036	BSCX3B1	04-007
DIAGNOS	022	DIAGNOS	04-007
DIAGNOS	019	DIAGNOS	04-007
MANOVR0	021	MANOVR0	04-007
MANOVR0	024	MANOVR0	04-007
MANOVR1	023	MANOVR1	04-007
MANOVR1	020	MANOVR1	04-007

TF 3

I/O MESSAGE INTERFACE
04-086

AINITPC0	020	AINITPC0	04-086
AP5V0	006	AP5V0	04-086
ASISOL0	021	ASISOL0	04-086
A0CSA0	016	A0CSA0	04-086
A0ERR0	007	A0ERR0	04-086
A1CSA0	017	A1CSA0	04-086
A1ERR0	008	A1ERR0	04-086
A1SR0	022	A1SR0	04-086
A2CSA0	018	A2CSA0	04-086
A2ERR0	009	A2ERR0	04-086
A3CSA0	019	A3CSA0	04-086
A3ERR0	010	A3ERR0	04-086
A3SR0	023	A3SR0	04-086
GRD	000	GRD	04-086
GRD	001	GRD	04-086
GRD	002	GRD	04-086
GRD	003	GRD	04-086
GRD	004	GRD	04-086
GRD	005	GRD	04-086
GRD	011	GRD	04-086
GRD	013	GRD	04-086
GRD	014	GRD	04-086
GRD	015	GRD	04-086
GRD	024	GRD	04-086

TF 4

I/O MESSAGE INTERFACE
04-087

ACMDINT0	020	ACMDINT0	04-087
ADMAOPC0	018	ADMAOPC0	04-087
ADMARD0	017	ADMARD0	04-087
ADMAREQ0	019	ADMAREQ0	04-087
ADMAWT0	016	ADMAWT0	04-087
ARISOL0	021	ARISOL0	04-087
A0PCSEL0	003	A0PCSEL0	04-087
A0SR0	022	A0SR0	04-087
A1PCSEL0	004	A1PCSEL0	04-087
A2PCSEL0	005	A2PCSEL0	04-087
A2SR0	023	A2SR0	04-087
A3PCSEL0	006	A3PCSEL0	04-087
GRD	000	GRD	04-087
GRD	001	GRD	04-087
GRD	002	GRD	04-087
GRD	007	GRD	04-087
GRD	008	GRD	04-087
GRD	009	GRD	04-087
GRD	010	GRD	04-087
GRD	011	GRD	04-087
GRD	013	GRD	04-087
GRD	014	GRD	04-087
GRD	015	GRD	04-087
GRD	024	GRD	04-087

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE: C2
ISSUE: 6M
Lucent Technologies
SD-5D078-01
SHEET: B12

P/O FS 2

CONTROL AND DISPLAY

000	48RTN		
003	48RTN	B-48RTN	14C1, 14C3, 14C5, 14C6, 23E4, 23E5
004	48RTN	B-48RTN	14C1, 14C3, 14C5, 14C6, 23E4, 23E5
009	NC	BRS3	14C3
012	RS3		
013	SCWR1		
014	SCZ1		
015	SCZ0		
016	SCZR0		
017	SCX1		
018	SCX0		
019	SCX3B1R		
020	SCEX1		
023	SCWR0		
024	SWR0		
033	SCTDFNR		
034	SCTDFN0		
035	SCVRTN0	MANDARR0	12D1, 12D1, 1C3
036	SCVRTN1	MANDARR1	12D1, 12E1, 1C3
037	NC	BCOSRTN	
038	NC	BCOSR	
039	NC	BRQIP2BR	12C1, 12C1
040	NC	BSCY3B1R	12C1, 12D1
041	SCY3B1R	BSCX3B1R	12D1
043	SCX3B1R	BSCWR1	12D1
044	SCWR1		12D1
046	RQIPCTDV		
047	TSTB		
048	SCFXR		
049	DGNFANS	BCOSRTN	
050	DGNFANR		
053	DGNRTN	BSCY3B0R	12D1
054	SCX3B1R	BSCX3B0R	12D1
055	SXZR0	BSCWR0	
056	SCWR0		12D1
102	48RTN	B-48RTN	14C1, 14C3, 14C5, 14C6, 23E4, 23E5
103	48RTN	B-48RTN	14C1, 14C3, 14C5, 14C6, 23E4, 23E5
104	48RTN	B-48RTN	14C1, 14C3, 14C5, 14C6, 23E4, 23E5
109	OOSTST	BOOS-1	14C4
110	SCEX0		
116	INT	BINT0	14C3
118	SYC1		
119	SCY0		
120	MPHRRTN		
123	CARD	BALMC1	14C4
124	RS1	BRS1	14C2
133	SCTDFN1R		
134	SCTDFN1		
135	SCY0	MONDAR0	12D3, 12E3, 1C5
136	SCY1	MONDAR1	12E3, 12E3, 1C6
137	NC	DIAGNOS	12D3, 12D3, 1C6, 1G5
138	NC	BOOS3B	12C3, 12D3
139	NC	BRQIP3B	12D3, 12D3
140	MPR0	BMPPR01	12C3
141	SCX3B1	BSCX3B1	12D3
142	SCZ3B1		
143	SCWR1	BSCWR1	12D3
145	NC	BALMC2	14-096
146	TSTA	BTSTA	14-096
147	SCEX3B		
153	MPR0	BMPP00	12C3
154	SCX3B0	BSCX3B0	12D3
155	SCZ3B0		
156	SCWR0	BSCWR0	12D3

BMSPUCD
04-096
(X) SN516
(W) SN516B
(T) SN516C

002	B-48RTN		14C1, 14C3, 14C5, 14C6, 23E3, 23E4, 23E5
005	B-48PWR	B-48PWR	14G2, 14G3, 14G4, 14G5, 23E3, 23E4
007	B-48PWR	B-48PWR	14G2, 14G3, 14G4, 14G5, 23E3, 23E4
008	B-48PWR	B-48PWR	14G2, 14G3, 14G4, 14G5, 23E3, 23E4
010	COSR1		
011	COS1		
021	RQIP1		
022	RQIP0		
032	DGN0		
042	SCZR1		
045	ZTN		
051	COSR	BCOSR	12C1, 12C1
052	RQIP3BR	BRQIP2BR	12C1, 12D1
101	YUFLFN1	B-48RTN	14C1, 14C3, 14C5, 14C6, 23E4, 23E5
106	-48	B-48PWR	14G2, 14G3, 14G4, 14G5, 23E3, 23E4
107	-48	B-48PWR	14G2, 14G3, 14G4, 14G5, 23E3, 23E4
108	-48	B-48PWR	14G2, 14G3, 14G4, 14G5, 23E3, 23E4
111	COSCONV	BOOS-1	14C2
112	COSR		
113	EXRTN		
114	EXIN		
115	INTR	BINT1	14C2
117	AD	BALMC2	14C2
121	ZTN		
122	RG2	BRS2	14C3
132	DGN1		
148	PINT	BALMC1	14C4
149	ZRTN	B-48RTN	14C1, 14C3, 14C5, 14C6, 23E4, 23E5
150	DGNCB	DIAGNOS	12D3, 12D3, 1C6, 1G5
151	COSR3B	BOOS3B	12C3, 12D3
152	RQIP3B	BRQIP3B	12D3, 12D3

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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		B13

P/O FS 2

POWER CONVERTER

000	GRD		
001	GRD		
003	B-48RTN	13C2	
004	B-48RTN	13C2	
005	B-48RTN	13C2	
011	BRS1	13C5	
012	BINT1	13G5	
014	BALMC2	13G5	
015	BOOS-I1	13G5	
017	BCURPR0	13G5	
018	BRVS	15C1, 16C3, 17C1, 18C3, 19B1, 20C3, 21C1, 22C3	
032	GRD		
033	GRD		
034	GRD		
035	GRD		
036	GRD		
037	GRD		
038	GRD		
039	GRD		
040	GRD		
041	GRD		
042	GRD		
043	GRD		
100	GRD		
101	GRD		
102	B-48RTN	13C2	
103	B-48RTN	13C2	
104	B-48RTN	13C2	
109	BRS3	13C2	
110	BRS2	13C2	
112	BINT0	13G5	
113	BALMC1	13C5	
115	BOOS-I	13C5, 13G5	
117	BCURPR1	13C5	
118	BRVS	15C3, 16C1, 17C3, 18C1, 19B3, 20C1, 21C2, 22C1	
119	GRD		
132	GRD		
133	GRD		
134	GRD		
135	GRD		
136	GRD		
137	GRD		
138	GRD		
139	GRD		
140	GRD		
141	GRD		
142	GRD		
143	GRD		
200	GRD		
201	GRD		
203	B-48RTN	13C2	
204	B-48RTN	13C2	
205	B-48RTN	13C2	
232	GRD		
233	GRD		
234	GRD		
235	GRD		
236	GRD		
237	GRD		
238	GRD		
239	GRD		
240	GRD		
241	GRD		
242	GRD		
243	GRD		
300	GRD		
301	GRD		
302	B-48RTN	13C2	
303	B-48RTN	13C2	
304	B-48RTN	13C2	
332	GRD		
333	GRD		
334	GRD		
335	GRD		
336	GRD		
337	GRD		
338	GRD		
339	GRD		
340	GRD		
341	GRD		
342	GRD		
343	GRD		

BPWRCONV
04-112
495FB

005	B-48PWR	13G3	B-48PWR
007	B-48PWR	13G3	B-48PWR
008	B-48PWR	13G3	B-48PWR
019	BP5V0		BP5V0
045	BP5V0		BP5V0
046	BP5V0		BP5V0
047	BP5V0		BP5V0
048	BP5V0		BP5V0
049	BP5V0		BP5V0
050	BP5V0		BP5V0
051	BP5V0		BP5V0
052	BP5V0		BP5V0
053	BP5V0		BP5V0
054	BP5V0		BP5V0
055	BP5V0		BP5V0
056	BP5V0		BP5V0
106	B-48PWR	13G3	B-48PWR
107	B-48PWR	13G3	B-48PWR
108	B-48PWR	13G3	B-48PWR
145	BP5V0		BP5V0
146	BP5V0		BP5V0
147	BP5V0		BP5V0
148	BP5V0		BP5V0
149	BP5V0		BP5V0
150	BP5V0		BP5V0
151	BP5V0		BP5V0
152	BP5V0		BP5V0
153	BP5V0		BP5V0
154	BP5V0		BP5V0
155	BP5V0		BP5V0
156	BP5V0		BP5V0
206	B-48PWR	13G3	B-48PWR
207	B-48PWR	13G3	B-48PWR
208	B-48PWR	13G3	B-48PWR
245	BP5V0		BP5V0
246	BP5V0		BP5V0
247	BP5V0		BP5V0
248	BP5V0		BP5V0
249	BP5V0		BP5V0
250	BP5V0		BP5V0
251	BP5V0		BP5V0
252	BP5V0		BP5V0
253	BP5V0		BP5V0
254	BP5V0		BP5V0
255	BP5V0		BP5V0
256	BP5V0		BP5V0
306	B-48PWR	13G3	B-48PWR
307	B-48PWR	13G3	B-48PWR
308	B-48PWR	13G3	B-48PWR
345	BP5V0		BP5V0
346	BP5V0		BP5V0
347	BP5V0		BP5V0
348	BP5V0		BP5V0
349	BP5V0		BP5V0
350	BP5V0		BP5V0
351	BP5V0		BP5V0
352	BP5V0		BP5V0
353	BP5V0		BP5V0
354	BP5V0		BP5V0
355	BP5V0		BP5V0
356	BP5V0		BP5V0

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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MESSAGE SWITCH PERIPHERAL PROCESSOR 0

MSPPB0
04-120
(V) TN856B
(U) TN856C

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE: C2
ISSUE: 6M
Lucent Technologies
SD-5D078-01
SHEET: B15

P/O FS 2

MODULE MESSAGE PROCESSOR 0

002	GRD	
SELB	003	GRD
SFT A	012	BCURPRI
XCURPRI	018	B0PBHE0
PBHE0	019	NC
NC	021	B0AD2PE0
AD2PE0	023	GRD
GRD	024	GRD
GRD	032	GRD
GRD	034	B0ELBYTE
XFNI BYTE	035	B0EBBYTE
NC	036	B0CNTWS0
XCONTWS0	037	GRD
GRD	038	B0INTREQ0
XINTREQ0	039	B0HLDREQ0
XHLDREQ0	042	B0MEMRD0
XMEMRD0	044	GRD
GRD	045	GRD
GRD	046	B0AD2D0
XAD2D0	047	B0AD2D1
XAD2D1	048	B0AD2D2
XAD2D2	049	B0AD2D3
XAD2D3	050	B0AD2D4
XAD2D4	051	B0AD2D5
XAD2D5	052	B0AD2D6
XAD2D6	053	B0AD2D7
XAD2D7	054	B0AD2D8
XAD2D8	055	B0AD2D9
XAD2D9	056	B0AD2D10
XAD2D10	112	B0AD2D11
XAD2D11	118	B0AD2D12
XAD2D12	119	B0AD2D13
XAD2D13	121	B0AD2D14
XAD2D14	123	B0AD2D15
XAD2D15	124	B0AD2PE1
XAD2PE1	132	B0CURPRI
XCURPRI	134	B0P2IN
NC	140	B0D2STR
XD2STR	142	B0MEMWT0
XMEMWT0	144	GRD
GRD	145	GRD
GRD	146	B0AD2D31
XAD2D31	147	B0AD2D30
XAD2D30	148	B0AD2D29
XAD2D29	149	B0AD2D28
XAD2D28	150	B0AD2D27
XAD2D27	151	B0AD2D26
XAD2D26	152	B0AD2D25
XAD2D25	153	B0AD2D24
XAD2D24	154	B0AD2D23
XAD2D23	155	B0AD2D22
XAD2D22	156	B0AD2D21
XAD2D21	200	B0AD2PE2
XAD2PE2	201	GRD
GRD	211	GRD
GRD	212	GRD
GRD	218	B0P2OUT
BTDATAIN	236	BTDATA0N
BTDATA0N	241	BTDATA1N
BTDATA1N	244	GRD
GRD	245	GRD
GRD	246	B0DATA00
XDATA00	247	B0DATA02
XDATA02	248	B0DATA04
XDATA04	249	B0DATA06
XDATA06	250	B0WDATI8
NC	251	B0WDATI10
NC	252	B0WDATI12
NC	253	B0WDATI14
NC	254	B0DATPL
XDATPL	255	B0ADDPH
XADDPH	256	GRD
GRD	300	GRD
GRD	301	GRD
GRD	311	GRD
GRD	312	GRD
XDLYDIR	318	B0DLYDIR
BTDATA0P	336	BTDATA0P
BTDATA1P	341	BTDATA1P
BTDATA1P	344	GRD
GRD	345	GRD
GRD	346	B0DATA01
XDATA01	347	B0DATA03
XDATA03	348	B0DATA05
XDATA05	349	B0DATA07
XDATA07	350	B0WDATI9
NC	351	B0WDATI11
NC	352	B0WDATI13
NC	353	B0WDATI15
NC	354	B0DATPH
NC	355	B0CLK36
NC	356	GRD

MMP80
04-128
TN870

000	VCC	
BP5V0	001	VCC
BP5V0	020	XALWPGR0
B0ALWPGR0	022	XPWRRST0
B0PWRST0	033	X10MINT0
B0101INT0	040	XMPSWTCH0
B0MEI1D0	041	X0ORD0
B0I0RD0	043	XCLK36MHZ
B0CLK36MZ	100	BP5V0
BP5V0	101	VCC
B0CMINT0	120	VCC
B0FUNCN1	122	XFUNCN1
B0CLESR0	133	XCLRESR0
B0LATCH40	135	XLATCH0
B0CONW80	136	XDRVWAT0
D0ERLRITW	137	XDERLRITW
B0INTACK0	138	XINTACK0
B0HLDAK0	139	XHLDACK0
B0I0WT0	141	X0WT0
B0CSWND0	143	XCSWND0
BP5V0	210	VCC
BSYNCOUT	234	0SYNCN
B0CLK0N	235	0CLKN
B0DATA0N	237	QRDATAN
B0SYNCIN	239	ISYNCN
B0CLK1N	240	ICLKN
B0DATA1N	242	IRDATAN
BP5V0	310	VCC
BSYNCOUP	334	0SYNCP
B0CLK0P	335	0CLKP
B0DATA0P	337	QRDATAP
B0SYNCOP	339	0SYNCP
B0CLK1P	340	ICLKP
B0DATA1P	342	IRDATAP

18G5, 20G5, 22G5	BCLK0N	
18G5, 20G5, 22G5	B0DATA0N	
18G5, 20G5, 22G5	B0SYNCIN	
18G5, 20G5, 22G5	B0CLK1N	
18G5, 20G5, 22G5	B0DATA1N	
18G5, 20G5, 22G5	BCLK0P	
18G5, 20G5, 22G5	B0DATA0P	
18G5, 20G5, 22G5	B0SYNCOP	
18G5, 20G5, 22G5	B0CLK1P	
18G5, 20G5, 22G6	B0DATA1P	
18G5, 20G6, 22G6		

18C5, 20C5, 22C5

18C5, 20C5, 22C5

18C7, 20C7, 22C7

18C7, 20C7, 22C7

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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P/O FS 2

MESSAGE SWITCH PERIPHERAL PROCESSOR 1

MSPPB1
04-136
(V) TN856B
(U) TN856C

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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P/O FS 2

MODULE MESSAGE PROCESSOR 1

002	SELB				
003	SFI_A				
012	XCURRPRI	BCURSPR1	14C4		
018	PBHE0	B1PBHE0	17G2		
019	NC	B1RASPK1	17G2		
021	ADD23PE0	B1AD23PE0	17G2		
023	GRD	GRD			
024	GRD	GRD			
032	GRD	GRD			
034	XFNLRVT0	B1ELRVT0	17G2		
035	NC	B1EIRVT0	17G2		
036	XCONTWS0	B1CNTWS0	17G2		
037	GRD	B1P1IN	17G2		
038	XINTREQ0	B1INTREQ0	17G2		
039	XHLDRFQ0	B1HLDRQ0	17G2		
042	XMEMRDD	B1MEMRDD	17G2		
044	GRD	GRD	17C1		
045	GRD	GRD			
046	XADD00	B1ADD00	17C2		
047	XADD02	B1ADD02	17C2		
048	XADD04	B1ADD04	17C2		
049	XADD06	B1ADD06	17C2		
050	XADD08	B1ADD08	17C2		
051	XADD10	B1ADD10	17C2		
052	XADD12	B1ADD12	17C2		
053	XADD14	B1ADD14	17C2		
054	XADD16	B1ADD16	17C2		
055	XADD18	B1ADD18	17C2		
056	XADDPL	B1ADDPL	17C2		
112	XCURRPR0	BCURSPR0	14C2		
118	NC	B1P2IN	17G4		
119	NC	B1PMPCS0	17G4		
121	DAT32PE0	B1PARER0	17G4		
123	GRD	GRD			
124	GRD	GRD			
132	GRD	GRD			
134	XFNRVRT0	B1FRVRT0	17G4		
140	NC	B1D8GTR	17C3		
142	XMEMWT0	B1MEMWT0	17C4		
144	GRD	GRD			
145	GRD	GRD			
146	XADD01	B1ADD01	17C4		
147	XADD03	B1ADD03	17C4		
148	XADD05	B1ADD05	17C4		
149	XADD07	B1ADD07	17C4		
150	XADD09	B1ADD09	17C4		
151	XADD11	B1ADD11	17C4		
152	XADD13	B1ADD13	17C4		
153	XADD15	B1ADD15	17C4		
154	XADD17	B1ADD17	17C5		
155	XADD19	B1ADD19	17C5		
156	XADDPM	B1ADDPM	17C5		
200	GRD	GRD			
201	GRD	GRD			
211	GRD	GRD			
212	GRD	GRD			
218	GRD	B1P3IN	17G4		
236	ITDATAN	RTDATAIN	16C5		
241	ITDATAN	RTDATAIN	16C5		
244	GRD	GRD			
245	GRD	GRD			
246	XDATA00	B1DATA00	17G5		
247	XDATA02	B1DATA02	17G5		
248	XDATA04	B1DATA04	17G5		
249	XDATA06	B1DATA06	17G5		
250	XDATA08	B1WDAT08	17G5		
251	NC	B1WDAT10	17G5		
252	NC	B1WDAT12	17G5		
253	NC	B1WDAT14	17G5		
254	XDATPL	B1DATPL	17G5		
255	XDATPH	B1ADDPH	17C6		
256	GRD	GRD			
300	GRD	GRD			
301	GRD	GRD			
311	GRD	GRD			
312	GRD	GRD			
318	XDLYDIR	B1DLYDIR	17G6		
336	ITDATA0	RTDATA0P	16C7		
341	ITDATA1	RTDATA1P	16C7		
344	GRD	GRD			
345	GRD	GRD			
346	XDATA01	B1DATA01	17G6		
347	XDATA03	B1DATA03	17G6		
348	XDATA05	B1DATA05	17G6		
349	XDATA07	B1DATA07	17G6		
350	XDATA09	B1WDAT09	17G7		
351	NC	B1WDAT11	17G7		
352	NC	B1WDAT13	17G7		
353	NC	B1WDAT15	17G7		
354	NC	B1DATPH	17G7		
355	NC	B1CLK86	17C7		
356	GRD	GRD			

MMP81
04-144
TN870

000	VCC	VCC			
001	VCC	VCC			
020	XALWPGE0	B1ALWPGE0	17C1		
022	XPWRRST0	B1PWRRST0	17C1		
033	X10MINT0	B1101INT0	17C1		
040	XMFAIL00	B1ME1L00	17C1		
041	X10ORD0	B1IORDD0	17C1		
043	XCLK4MHZ	B1CLK4MZ	17C1		
100	VCC	BP5V0			
101	VCC	VCC			
120	CMDINT10	B1CMDINT0	17C3		
122	XFUNCN1	B1FUNCN1	17C3		
133	XCLRESR0	B1CLRESR0	17C3		
135	XLATCH0	B1LATCH0	17C3		
136	XDRVWAT0	B1CONWS0	17C3		
137	XDRQLDRW	B1DRLDRW	17C3		
138	XINTACK0	B1INTAK0	17C3		
139	XHLDACK0	B1HLDAK0	17C3		
141	XDOWT0	B1DOWT0	17C4		
143	XCSWIND0	B1CSWND0	17C4		
210	VCC	BP5V0			
234	VCC	BSYNCIN	16G4		
235	ISYNCN	RCLKIN	16G5		
237	ICLKN	BRDATAIN	16G5		
239	QRDATAN	BSYNCIN	16G5		
240	ISYNCN	RCLKIN	16G5		
242	CLKN	BRDATAIN	16G5		
310	QRDATAN	BP5V0			
334	VCC	BSYNCOP	16G5		
335	ISYNCP	RCLK0P	16G5		
337	QCLKP	BRDATA0P	16G5		
339	IRDATAP	BRDATA0P	16G5		
340	ISYNCP	BSYNCIP	16G5		
342	CLKP	BCLK1P	16G5		
	IRDATAP	BRDATA1P	16G5		

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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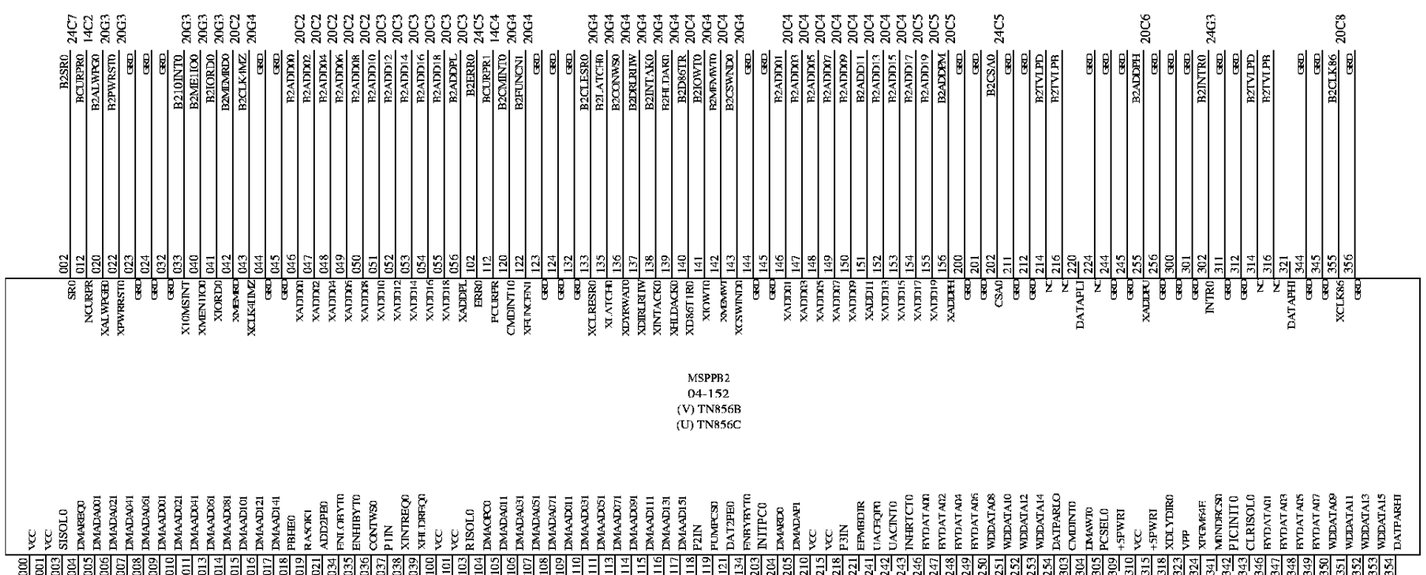
P/O FS 2

MESSAGE SWITCH PERIPHERAL PROCESSOR 2



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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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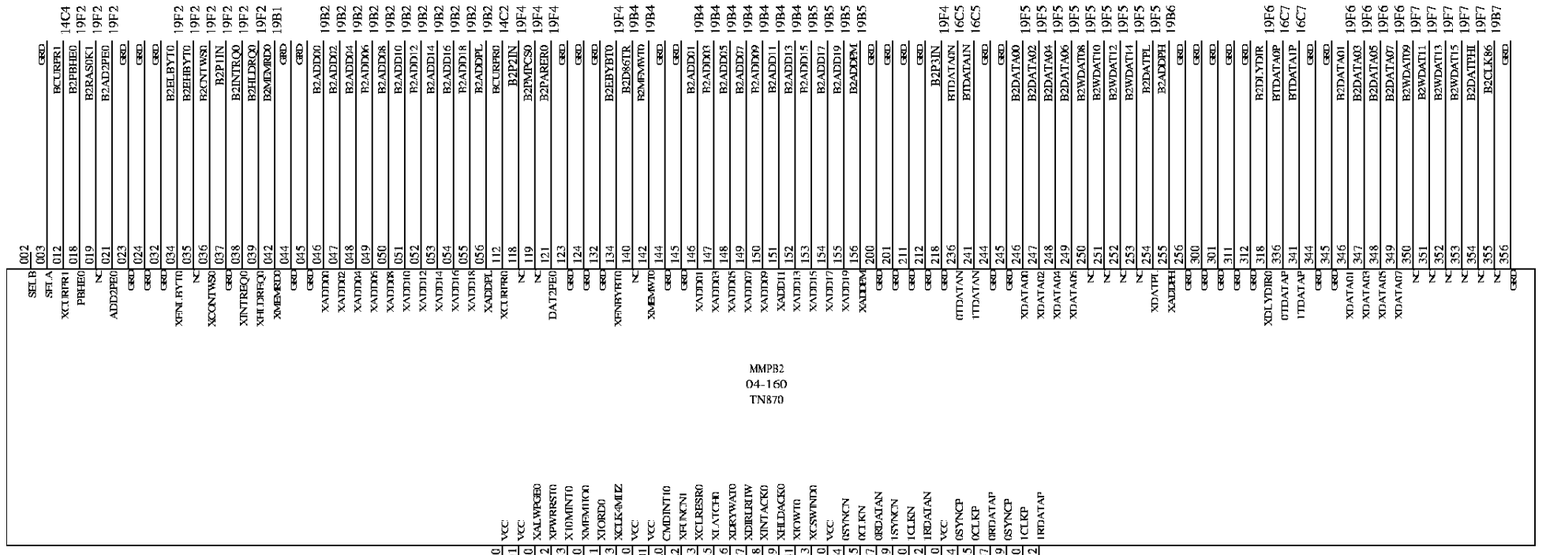
P/O FS 2

MODULE MESSAGE PROCESSOR 2



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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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MESSAGE SWITCH PERIPHERAL PROCESSOR 3

MSPPB3
04-168
(V) TN856B
(U) TN856C

002	SR0	B3SR0	24C5				
012	NCURPR	BCURPR0	24C5				
020	XALWPGE	B3ALWPG0	14C2				
022	XPWRRST	B3PWRST0	22G3				
023		GRD					
024		GRD					
032		GRD					
033	X10MSINT	B3I10INT0	22G3				
040	XMEN1IOO	B3ME1IO0	22G3				
041	XIORD0	B3IORD0	22G3				
042	XMEMRD0	B3MEMRD0	22G4				
043	XCLK4IMZ	B3CLK4MZ	22C2				
044		GRD	22G4				
045		GRD					
046	XADD00	B3ADD00	22C2				
047	XADD02	B3ADD02	22C2				
048	XADD04	B3ADD04	22C2				
049	XADD05	B3ADD05	22C2				
050	XADD08	B3ADD08	22C3				
051	XADD10	B3ADD10	22C3				
052	XADD12	B3ADD12	22C3				
053	XADD14	B3ADD14	22C3				
054	XADD16	B3ADD16	22C3				
055	XADD18	B3ADD18	22C3				
056	XADDPL	B3ADDPL	22C3				
102	ERR0	B3ERR0	24C5				
112	PCURPR	BCURPR1	14C4				
120	CMDINT10	B3CMDINT0	22G4				
122	XFUNCEN	B3FUNCN1	22G4				
123		GRD					
124		GRD					
132		GRD					
133	XCLRESR0	B3CLESR0	22G4				
135	XLATCH0	B3LATCH0	22G4				
136	XDXRWA10	B3CONWS0	22G4				
137	XDIRLRIW	B3DIRLRIW	22G4				
138	XINTACK0	B3INTAK0	22G4				
139	XHLDACK0	B3HLDAK0	22G4				
140	XD86TIR0	B3D86TIR	22C4				
141	XIOWT10	B3IOWT10	22C4				
142	XMEMWT	B3MEMWT0	22C4				
143	XCSWIN30	B3CSWND0	22C5				
144		GRD					
145		GRD					
146	XADD01	B3ADD01	22C4				
147	XADD03	B3ADD03	22C4				
148	XADD05	B3ADD05	22C4				
149	XADD07	B3ADD07	22C4				
150	XADD09	B3ADD09	22C4				
151	XADD11	B3ADD11	22C4				
152	XADD13	B3ADD13	22C4				
153	XADD15	B3ADD15	22C5				
154	XADD17	B3ADD17	22C5				
155	XADD19	B3ADD19	22C5				
156	XADDPM	B3ADDPM	22C5				
200		GRD					
201		GRD					
202	CSA0	B3CSA0	24C5				
211		GRD					
212		GRD					
214	NC	B3TVLPD					
216	NC	B3TVLPR					
220							
224	DATAPLI	GRD					
244	NC	GRD					
245		GRD					
255		GRD					
256	XADDPH	B3ADDPH	22C6				
300		GRD					
301		GRD					
302	INTR0	B3INTR0	24G1				
311		GRD					
312		GRD					
314	NC	B3TVLPD					
316	NC	B3TVLPR					
321	DATAPHI						
344		GRD					
345		GRD					
355	XCLK86	B3CLK86	22C8				
356		GRD					

000	VCC						
001	VCC						
003	SISOL0						
004	DMAREQ0						
005	DMADAO01						
006	DMADAO21						
007	DMADAO41						
008	DMADAO61						
009	DMADAO81						
010	DMADAO101						
011	DMADAO121						
014	DMADAO141						
015	DMADAO161						
016	DMADAD101						
017	DMADAD121						
018	DMADAD141						
019	RASOK1						
021	ADD22PB0						
034	FNTORBYT0						
035	ENHIBYT0						
036	CONTWS0						
037	P1IN						
038	XINTREQ0						
039	XHLDRQ0						
100	VCC						
101	VCC						
103	RISOL0						
104	DMAOPC0						
105	DMADAO11						
106	DMADAO31						
107	DMADAO51						
108	DMADAO71						
109	DMADAO91						
110	DMADAD31						
111	DMADAD51						
113	DMADAD71						
114	DMADAD91						
115	DMADAD111						
116	DMADAD131						
117	DMADAD151						
118	P2IN						
119	PUMPCS0						
121	DAT2PEB0						
134	FNRYBYT0						
203	INTTPC0						
204	DMAREQ0						
205	DMADAP0						
210	VCC						
215	VCC						
218	P3IN						
221	EPMBIDIR						
241	UACFGPT						
242	UACINT0						
243	INJRTCT0						
246	HYDAT A00	B3DATA00	22C6				
247	HYDAT A02	B3DATA02	22C6				
248	HYDAT A04	B3DATA04	22C6				
249	HYDAT A06	B3DATA06	22C6				
250	HWDATA08	B3WDATA08	22C6				
251	HWDATA10	B3WDATA10	22C6				
252	HWDATA12	B3WDATA12	22C6				
253	HWDATA14	B3WDATA14	22C6				
254	HWDATPL	B3DATPL	22C6				
303	RCVDINT0	B3DATPARLO	15G5				
304	DMAWT0	CMDINT0	15G5				
305	PCSEL0	DMAWT0	24C7				
309	+5PWRI	PCSEL0					
310	VCC	+5PWRI					
315	+5PWRI	VCC					
316	XDLYDIR0	+5PWRI					
323	VPP	XDLYDIR0	22C7				
324	XPGM64F						
341	MDNTPRCS0						
342	PICINIT0						
343	CLRISOL0						
346	HYDAT A01	B3DATA01	22C6				
347	HYDAT A03	B3DATA03	22C6				
348	HYDAT A05	B3DATA05	22C7				
349	HYDAT A07	B3DATA07	22C7				
350	HWDATA09	B3WDATA09	22C7				
351	HWDATA11	B3WDATA11	22C7				
352	HWDATA13	B3WDATA13	22C8				
353	HWDATA15	B3WDATA15	22C8				
354	DATPARHI	B3DATPARH	22C8				

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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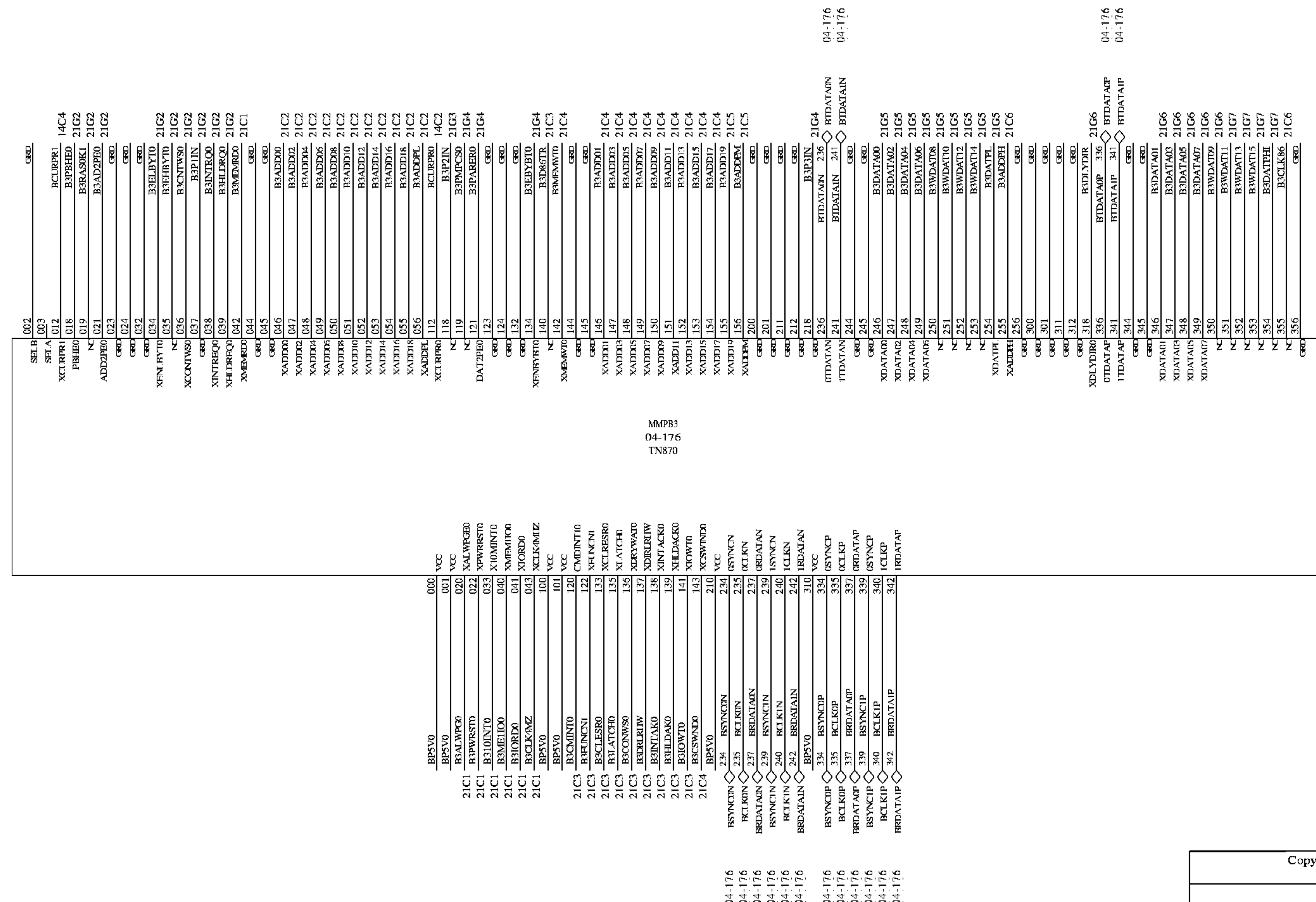
MODULE MESSAGE PROCESSOR 3



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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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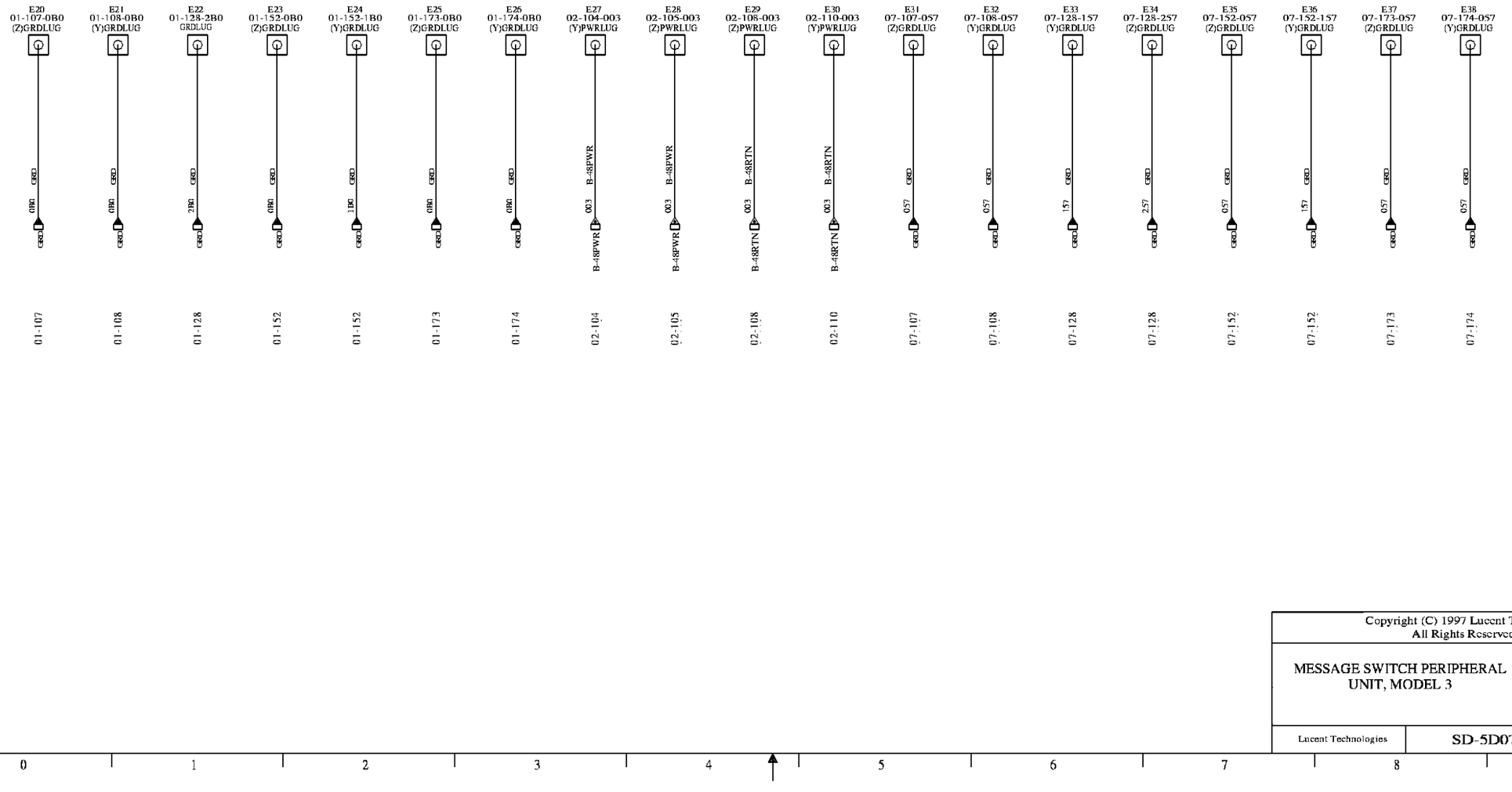
POWER AND GROUND LUGS
(SEE NOTE 306)



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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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P/O FS 2

TF 1

I/O MESSAGE INTERFACE
04-092

ADMAAD01	003	ADMAAD01	04-092
ADMAAD03	004	ADMAAD03	04-092
ADMAAD05	005	ADMAAD05	04-092
ADMAAD07	006	ADMAAD07	04-092
ADMAAD09	007	ADMAAD09	04-092
ADMAAD11	008	ADMAAD11	04-092
ADMAAD13	009	ADMAAD13	04-092
ADMAAD15	010	ADMAAD15	04-092
ADMADA01	016	ADMADA01	04-092
ADMADA03	017	ADMADA03	04-092
ADMADA05	018	ADMADA05	04-092
ADMADA07	019	ADMADA07	04-092
A1INTR0	022	A1INTR0	04-092
A3INTR0	023	A3INTR0	04-092
GRD	000	GRD	04-092
GRD	001	GRD	04-092
GRD	002	GRD	04-092
GRD	011	GRD	04-092
GRD	013	GRD	04-092
GRD	014	GRD	04-092
GRD	015	GRD	04-092
GRD	020	GRD	04-092
GRD	021	GRD	04-092
GRD	024	GRD	04-092

TF 2

I/O MESSAGE INTERFACE
04-093

ADMAAD00	003	ADMAAD00	04-093
ADMAAD02	004	ADMAAD02	04-093
ADMAAD04	005	ADMAAD04	04-093
ADMAAD06	006	ADMAAD06	04-093
ADMAAD08	007	ADMAAD08	04-093
ADMAAD10	008	ADMAAD10	04-093
ADMAAD12	009	ADMAAD12	04-093
ADMAAD14	010	ADMAAD14	04-093
ADMADAP1	020	ADMADAP1	04-093
ADMADA00	016	ADMADA00	04-093
ADMADA02	017	ADMADA02	04-093
ADMADA04	018	ADMADA04	04-093
ADMADA06	019	ADMADA06	04-093
A0INTR0	022	A0INTR0	04-093
A2INTR0	023	A2INTR0	04-093
GRD	000	GRD	04-093
GRD	001	GRD	04-093
GRD	002	GRD	04-093
GRD	011	GRD	04-093
GRD	013	GRD	04-093
GRD	014	GRD	04-093
GRD	015	GRD	04-093
GRD	021	GRD	04-093
GRD	024	GRD	04-093

TF 3

I/O MESSAGE INTERFACE
04-174

BINTTPC0	020	BINTTPC0	04-174
BP5V0	006	BP5V0	04-174
BSISOL0	021	BSISOL0	04-174
B0CSA0	016	B0CSA0	04-174
B0ERR0	007	B0ERR0	04-174
B1CSA0	017	B1CSA0	04-174
B1ERR0	008	B1ERR0	04-174
B1SR0	022	B1SR0	04-174
B2CSA0	018	B2CSA0	04-174
B2ERR0	009	B2ERR0	04-174
B3CSA0	019	B3CSA0	04-174
B3ERR0	010	B3ERR0	04-174
B3SR0	023	B3SR0	04-174
GRD	000	GRD	04-174
GRD	001	GRD	04-174
GRD	002	GRD	04-174
GRD	003	GRD	04-174
GRD	004	GRD	04-174
GRD	005	GRD	04-174
GRD	011	GRD	04-174
GRD	013	GRD	04-174
GRD	014	GRD	04-174
GRD	015	GRD	04-174
GRD	024	GRD	04-174

TF 4

I/O MESSAGE INTERFACE
04-175

BCMDINT0	020	BCMDINT0	04-175
BDMAOPC0	018	BDMAOPC0	04-175
BDMARD0	017	BDMARD0	04-175
BDMAREQ0	019	BDMAREQ0	04-175
BDMAWT0	016	BDMAWT0	04-175
BRISOL0	021	BRISOL0	04-175
B0PCSEL0	003	B0PCSEL0	04-175
B0SR0	022	B0SR0	04-175
B1PCSEL0	004	B1PCSEL0	04-175
B2PCSEL0	005	B2PCSEL0	04-175
B2SR0	023	B2SR0	04-175
B3PCSEL0	006	B3PCSEL0	04-175
GRD	000	GRD	04-175
GRD	001	GRD	04-175
GRD	002	GRD	04-175
GRD	007	GRD	04-175
GRD	008	GRD	04-175
GRD	009	GRD	04-175
GRD	010	GRD	04-175
GRD	011	GRD	04-175
GRD	013	GRD	04-175
GRD	014	GRD	04-175
GRD	015	GRD	04-175
GRD	024	GRD	04-175

TF 5

I/O MESSAGE INTERFACE
04-180

BDMAAD01	003	BDMAAD01	04-180
BDMAAD03	004	BDMAAD03	04-180
BDMAAD05	005	BDMAAD05	04-180
BDMAAD07	006	BDMAAD07	04-180
BDMAAD09	007	BDMAAD09	04-180
BDMAAD11	008	BDMAAD11	04-180
BDMAAD13	009	BDMAAD13	04-180
BDMAAD15	010	BDMAAD15	04-180
BDMADA01	016	BDMADA01	04-180
BDMADA03	017	BDMADA03	04-180
BDMADA05	018	BDMADA05	04-180
BDMADA07	019	BDMADA07	04-180
B1INTR0	022	B1INTR0	04-180
B3INTR0	023	B3INTR0	04-180
GRD	000	GRD	04-180
GRD	001	GRD	04-180
GRD	002	GRD	04-180
GRD	011	GRD	04-180
GRD	013	GRD	04-180
GRD	014	GRD	04-180
GRD	015	GRD	04-180
GRD	020	GRD	04-180
GRD	021	GRD	04-180
GRD	024	GRD	04-180

TF 6

I/O MESSAGE INTERFACE
04-181

BDMAAD00	003	BDMAAD00	04-181
BDMAAD02	004	BDMAAD02	04-181
BDMAAD04	005	BDMAAD04	04-181
BDMAAD06	006	BDMAAD06	04-181
BDMAAD08	007	BDMAAD08	04-181
BDMAAD10	008	BDMAAD10	04-181
BDMAAD12	009	BDMAAD12	04-181
BDMAAD14	010	BDMAAD14	04-181
BDMADAP1	020	BDMADAP1	04-181
BDMADA00	016	BDMADA00	04-181
BDMADA02	017	BDMADA02	04-181
BDMADA04	018	BDMADA04	04-181
BDMADA06	019	BDMADA06	04-181
B0INTR0	022	B0INTR0	04-181
B2INTR0	023	B2INTR0	04-181
GRD	000	GRD	04-181
GRD	001	GRD	04-181
GRD	002	GRD	04-181
GRD	011	GRD	04-181
GRD	013	GRD	04-181
GRD	014	GRD	04-181
GRD	015	GRD	04-181
GRD	021	GRD	04-181
GRD	024	GRD	04-181

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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APP FIG. 1

WIRING AS PER FS 1 AND 2

APP FIG. 2

CIRCUIT PACK

MNEMONIC	OPTION	DESIG	EQPT LOC	FS LOC	CODE
PCDMSPU3	(X)	AMSPUCD	04-008	1F2	SN516
		APWRCONV	04-024	2F1	495FB
PCDMSPU3	(W)	AMSPUCD	04-008	1F2	SN516B
PCDMSPU3	(T)	AMSPUCD	04-008	1F2	SN516C

APP FIG. 3

CIRCUIT PACK

MNEMONIC	OPTION	DESIG	EQPT LOC	FS LOC	CODE
PCDMSPU3	(X)	BMSPUCD	04-096	13F2	SN516
		BPWRCONV	04-112	14F1	495FB
PCDMSPU3	(W)	BMSPUCD	04-096	13F2	SN516B
PCDMSPU3	(T)	BMSPUCD	04-096	13F2	SN516C

APP FIG. 4

CIRCUIT PACK

MNEMONIC	OPTION	DESIG	EQPT LOC	FS LOC	CODE
		MMPA0	04-040	4F1	TN870
	(V)	MSPPA0	04-032	3F0	TN856B
	(U)	MSPPA0	04-032	3F0	TN856C

APP FIG. 5

CIRCUIT PACK

MNEMONIC	OPTION	DESIG	EQPT LOC	FS LOC	CODE
		MMPB0	04-128	16F1	TN870
	(V)	MSPPB0	04-120	15F0	TN856B
	(U)	MSPPB0	04-120	15F0	TN856C

APP FIG. 6

CIRCUIT PACK

MNEMONIC	OPTION	DESIG	EQPT LOC	FS LOC	CODE
		MMPA1	04-056	6F1	TN870
	(V)	MSPPA1	04-048	5F0	TN856B
	(U)	MSPPA1	04-048	5F0	TN856C

APP FIG. 7

CIRCUIT PACK

MNEMONIC	OPTION	DESIG	EQPT LOC	FS LOC	CODE
		MMPB1	04-144	18F1	TN870
	(V)	MSPPB1	04-136	17F0	TN856B
	(U)	MSPPB1	04-136	17F0	TN856C

APP FIG. 8

CIRCUIT PACK

MNEMONIC	OPTION	DESIG	EQPT LOC	FS LOC	CODE
		MMPA2	04-072	8F1	TN870
	(V)	MSPPA2	04-064	7F0	TN856B
	(U)	MSPPA2	04-064	7F0	TN856C

APP FIG. 9

CIRCUIT PACK

MNEMONIC	OPTION	DESIG	EQPT LOC	FS LOC	CODE
		MMPB2	04-160	20F1	TN870
	(V)	MSPPB2	04-152	19E0	TN856B
	(U)	MSPPB2	04-152	19E0	TN856C

APP FIG. 10

CIRCUIT PACK

MNEMONIC	OPTION	DESIG	EQPT LOC	FS LOC	CODE
		MMPA3	04-088	10F0	TN870
	(V)	MSPPA3	04-080	9F0	TN856B
	(U)	MSPPA3	04-080	9F0	TN856C

APP FIG. 11

CIRCUIT PACK

MNEMONIC	OPTION	DESIG	EQPT LOC	FS LOC	CODE
		MMPB3	04-176	22F1	TN870
	(V)	MSPPB3	04-168	21F0	TN856B
	(U)	MSPPB3	04-168	21F0	TN856C

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE: C2

ISSUE: 6M

Lucent Technologies

SD-5D078-01

SHEET: C1

CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
MSPU3	5	-48V	SIDE

BATTERY SYMBOL	VOLTAGE RANGE
-48	-47.75 TO -52.5

102. (REFER TO NOTE 201.)

103. EQUIPMENT LOCATIONS 04-086, 04-087, 04-092, 04-093, 04-174, 04-175, 04-180 AND 04-181 ARE WIRED FOR IOMI CABLES ONLY.

EQUIPMENT NOTES:

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

202. ALL PRINTED WIRE CONNECTIONS ARE SPECIFIED BY ED-5D523-30 WIREWRAP BACKPLANE OR ED-5D634 MULTILAYER BACKPLANE.

203. MSPU3 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	
SN516C		X	
TN870		X	
495FB		X	
TN856C		X	

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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		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 SINGLE APP FIG	PROVIDE DUAL APP FIG	APP OR WRG	QUANTITY
WIRING EQUIPMENT FOR 1 MESSAGE SWITCH PROCESSOR UNIT EQUIPPED WITH POWER UNIT AND A CONTROL AND DISPLAY PACK.		1,2	1,2, 3	Y	1 PER UNIT
MODULE MESSAGE PROCESSORS FOR SWITCH MODULES REQUIRED IN ADDITION TO APP FIG. 1 AND 2 AND 3. (SEE NOTE 307)					1 PER UNIT
	MMP 0	4	4,5		
	MMP 1	6	6,7		
	MMP 2	8	8,9		
	MMP 3	10	10,11		

303.

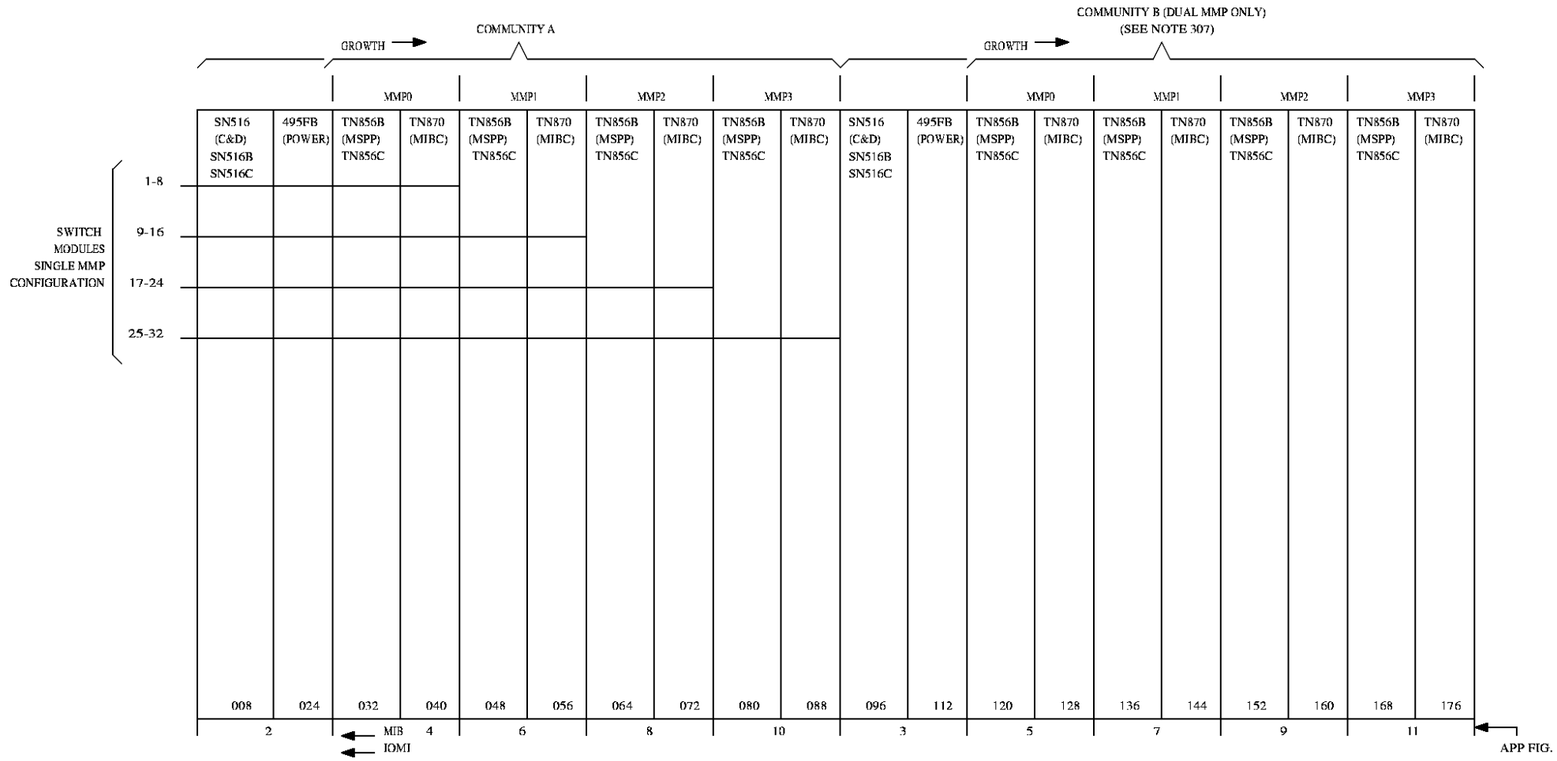
RECORD OF FIGURES, WIRING AND APPARATUS CHANGES					
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT AVAIL	USE IN CIRCUIT DA
	Y OR Z	Z	306	Y	Z
5B	W OR X	X		W	X
5B	U OR V	V		U OR V	
6M	T OR W	W		T	W

304.

CIRCUIT PACK CODE OR MICROCODE	COMMON LANGUAGE EQUIPMENT IDENTIFICATION CODE (CLEI)

INFORMATION NOTES: (CONT)

305. THE FOLLOWING CHART PROVIDES CIRCUIT PACK POPULATING SEQUENCE FOR UNIT GROWTH:



306. POWER AND GROUND LUG EQL LOCATIONS ARE PER OPTION (Z) ON ED-5D523-30 WIRE WRAP BACKPLANE AND PER OPTION (Y) ON ED-5D634-30 MLB BACKPLANE.

307. EACH MMP CAN SERVE 8 SM'S, TRM'S, OR RSM'S. THE TELCO MAY OPT TO EQUIP DUAL MMP'S IN THE FOLLOWING MANNER.
A. ALL SM'S EQUIPPED.
B. ONLY HIGH MESSAGE TRAFFIC SM'S.
IT IS RECOMMENDED THAT NEW OFFICES HAVE DUAL MMP'S ASSIGNED TO ISDN SM'S AND THAT ALL ISDN SM'S BE ASSIGNED TO THE SAME MMP. IF AN OFFICE HAS MORE THAT 8 ISDN SM'S IT IS DESIRABLE TO ASSIGN THEM TO MMP'S IN THE SAME COMMUNITY (MSPU3). FOR ADDITIONS THE TELCO SHOULD SPECIFY WHICH MMP'S MUST BE DUAL PER MESSAGE TRAFFIC MEASUREMENTS.

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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UNIT SYMBOL TABLE OF CONTENTS			
FUNCTION	DESCRIPTION (LOWER LEFT PIN OF CONNECTOR)	SIZE	ELEMENT
MODULE MESSAGE PROCESSOR 3	(04-088-334) MESSAGE INTERFACE BUS SIDE A, TO CMCU	2 X 4	AJ
	(04-088-339) MESSAGE INTERFACE BUS SIDE A, TO CMCU	2 X 4	AH
	(04-176-334) MESSAGE INTERFACE BUS SIDE B, TO CMCU	2 X 4	AB
	(04-176-339) MESSAGE INTERFACE BUS SIDE B, TO CMCU	2 X 4	AA
CONTROL AND DISPLAY	(04-008-145) FUSE ALARM SIDE A, TO FUSE PANEL	2 X 3	AN
	(04-096-145) FUSE ALARM SIDE B, TO FUSE PANEL	2 X 3	AE
SCAN AND DISTRIBUTE	(04-007-045) TO 3BIOP 0	2 X 12	AO
	(04-007-032) TO 3BIOP 1	2 X 12	AP
MANUAL OVERRIDE AND DIAGNOSTIC	(04-007-022) TO PRECEDING MSPU3	2 X 3	AQ
	(04-007-019) TO SUCCEEDING MSPU3	2 X 3	AR
I/O MESSAGE INTERFACE	(04-087-000) TO MSCU	2 X 12	AK
	(04-087-013) TO MSCU	2 X 12	AJ
	(04-093-000) TO MSCU	2 X 12	AG
	(04-093-013) TO MSCU	2 X 12	AF
	(04-175-000) TO CMCU	2 X 12	AD
	(04-175-013) TO CMCU	2 X 12	AC
	(04-181-000) TO CMCU	2 X 12	AM
	(04-181-013) TO CMCU	2 X 12	AL
POWER LUG	(02-016-003) -48 POWER SIDE A, TO FUSE PANEL	2 X 2	AS
	(02-019-003) (Z) (NOTE 306) -48 RETURN SIDE A, TO FUSE PANEL	2 X 2	AS
	(02-021-003) (Y) (NOTE 306) -48 RETURN SIDE A, TO FUSE PANEL	2 X 2	AS
	(02-105-003) (Z) (NOTE 306) -48 POWER SIDE B, TO FUSE PANEL	2 X 2	AS
	(02-104-003) (Y) (NOTE 306) -48 POWER SIDE B, TO FUSE PANEL	2 X 2	AS
	(02-108-003) (Z) (NOTE 306) -48 RETURN SIDE B, TO FUSE PANEL	2 X 2	AS
	(02-110-003) (Y) (NOTE 306) -48 RETURN SIDE B, TO FUSE PANEL	2 X 2	AS

UNIT SYMBOL TABLE OF CONTENTS			
FUNCTION	DESCRIPTION (LOWER LEFT PIN OF CONNECTOR)	SIZE	ELEMENT
GROUND LUG	(01-017-0B0) (Z) (NOTE 306) GROUND STRAP, TO SUCCEEDING UNIT	2 X 2	AT
	(01-018-0B0) (Y) (NOTE 306) GROUND STRAP, TO SUCCEEDING UNIT	2 X 2	AT
	(01-037-0B0) (Z) (NOTE 306) GROUND STRAP, TO SUCCEEDING UNIT	2 X 2	AT
	(01-038-0B0) (Y) (NOTE 306) GROUND STRAP, TO SUCCEEDING UNIT	2 X 2	AT
	(01-061-0B0) (Z) (NOTE 306) GROUND STRAP, TO SUCCEEDING UNIT	2 X 2	AT
	(01-062-0B0) (Y) (NOTE 306) GROUND STRAP, TO SUCCEEDING UNIT	2 X 2	AT
	(01-085-0B0) (Z) (NOTE 306) GROUND STRAP, TO SUCCEEDING UNIT	2 X 2	AT
	(01-086-0B0) (Y) (NOTE 306) GROUND STRAP, TO SUCCEEDING UNIT	2 X 2	AT
	(07-017-057) (Z) (NOTE 306) GROUND STRAP, TO PRECEDING UNIT	2 X 2	AT
	(07-018-057) (Y) (NOTE 306) GROUND STRAP, TO PRECEDING UNIT	2 X 2	AT
	(07-037-057) (Z) (NOTE 306) GROUND STRAP, TO PRECEDING UNIT	2 X 2	AT
	(07-038-057) (Y) (NOTE 306) GROUND STRAP, TO PRECEDING UNIT	2 X 2	AT
	(07-061-057) (Z) (NOTE 306) GROUND STRAP, TO PRECEDING UNIT	2 X 2	AT
	(07-062-057) (Y) (NOTE 306) GROUND STRAP, TO PRECEDING UNIT	2 X 2	AT
	(07-085-057) (Z) (NOTE 306) GROUND STRAP, TO PRECEDING UNIT	2 X 2	AT
	(07-086-057) (Y) (NOTE 306) GROUND STRAP, TO SUCCEEDING UNIT	2 X 2	AT
	(01-107-0B0) (Z) (NOTE 306) GROUND STRAP, TO PRECEDING UNIT	2 X 2	AT
	(01-108-0B0) (Y) (NOTE 306) GROUND STRAP, TO PRECEDING UNIT	2 X 2	AT
	(01-128-2B0) GROUND STRAP, TO PRECEDING UNIT	2 X 2	AT
	(01-152-0B0)(Z)(NOTE 306)GRD STRAP (01-152-1B0)(Y) TO PRECEDING UNIT	2 X 2	AT
	(01-173-0B0) (Z) (NOTE 306) GROUND STRAP, TO PRECEDING UNIT	2 X 2	AT
	(01-174-0B0) (Y) (NOTE 306) GROUND STRAP, TO PRECEDING UNIT	2 X 2	AT
	(07-107-057) (Z) (NOTE 306) GROUND STRAP, TO PRECEDING UNIT	2 X 2	AT
	(07-108-057) (Y) (NOTE 306) GROUND STRAP, TO PRECEDING UNIT	2 X 2	AT
	(07-128-257)(Z)(NOTE 306)GRD STRAP (07-128-157)(Y) TO PRECEDING UNIT	2 X 2	AT
	(07-152-057)(Z)(NOTE 306)GRD STRAP (07-152-157)(Y) TO PRECEDING UNIT	2 X 2	AT
	(07-173-057) (Z) (NOTE 306) GROUND STRAP, TO PRECEDING UNIT	2 X 2	AT
	(07-174-057) (Y) (NOTE 306) GROUND STRAP, TO PRECEDING UNIT	2 X 2	AT

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

Lucent Technologies	SD-5D078-01	SHEET G1

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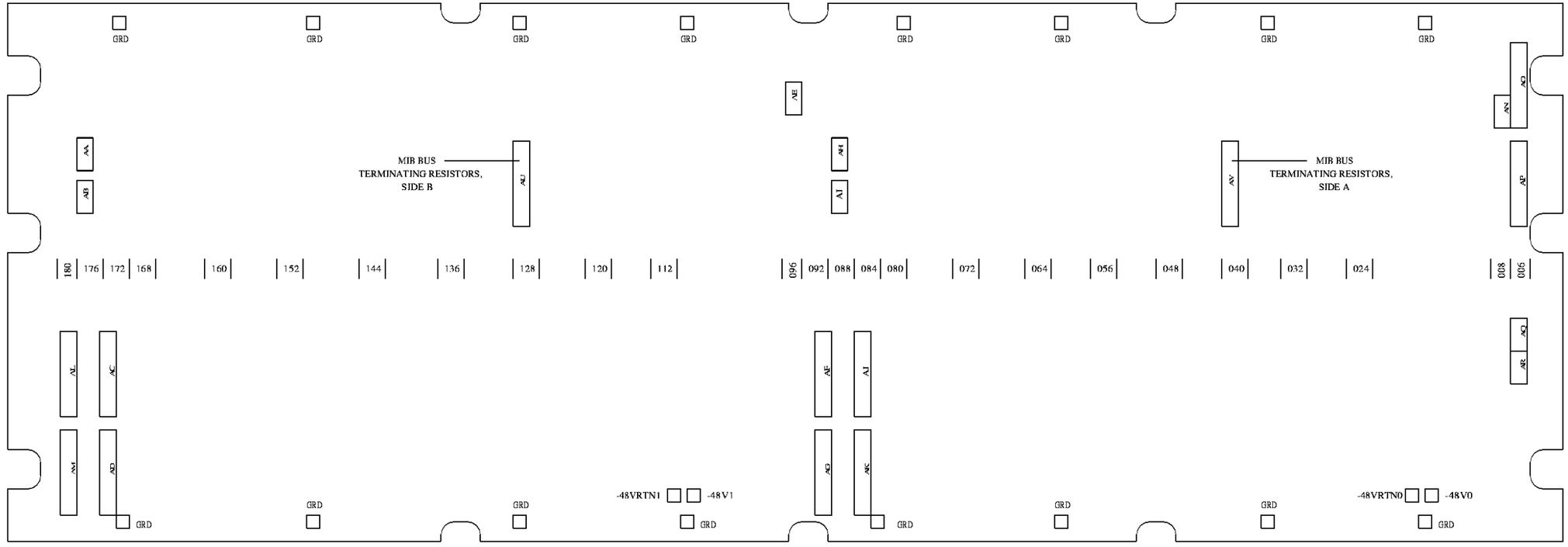

NOTES:

1. ALL POWER LUGS ARE IN ELEMENT AS, (SEE NOTE 306).
2. ALL GROUND LUGS ARE IN ELEMENT AT, (SEE NOTE 306).
3. ELEMENTS AU AND AV ARE BUS TERMINATING RESISTOR PADDLEBOARDS.

FIG. 1

BACKPLANE PICTORIAL WIRING SIDE

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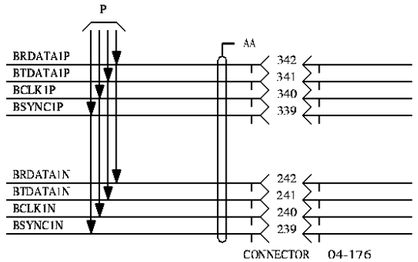
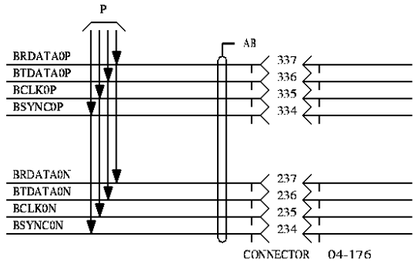
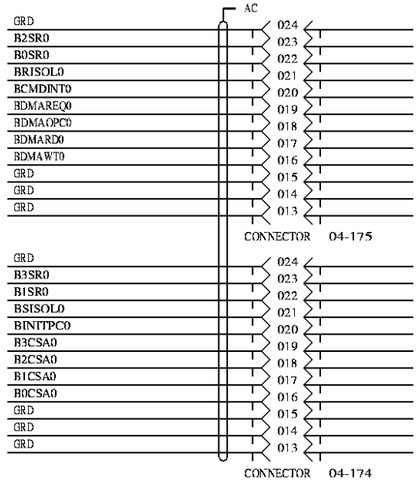
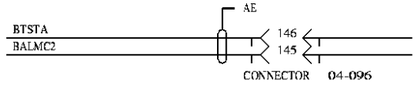
MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3	DWG SIZE C2	ISSUE 6M
Lucent Technologies	SD-5D078-01	SHEET G2

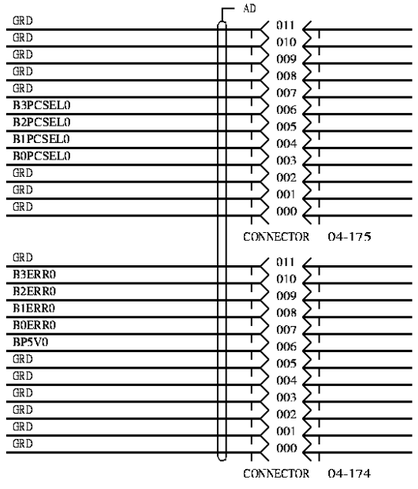
P/O CAD 1

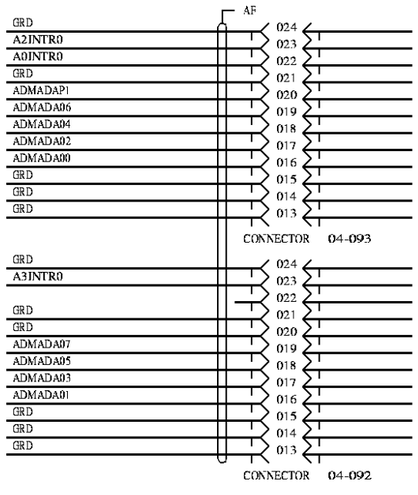


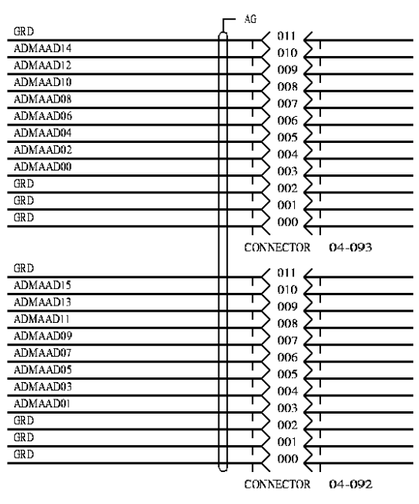












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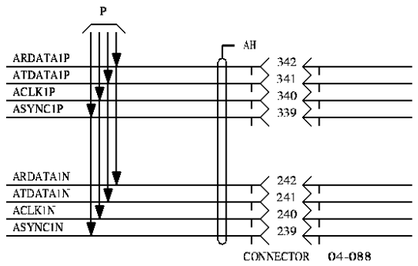
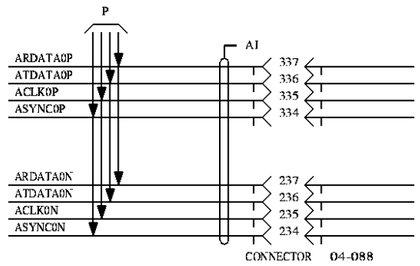
MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

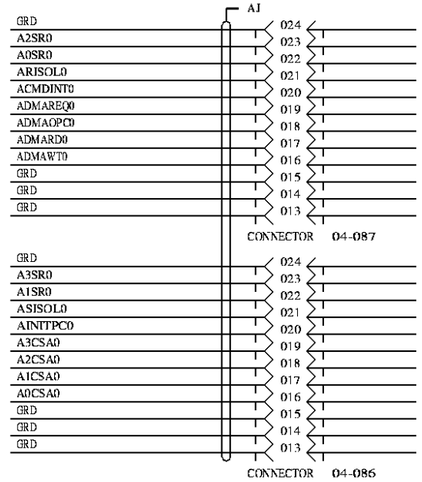
DWG SIZE	ISSUE
C2	6M

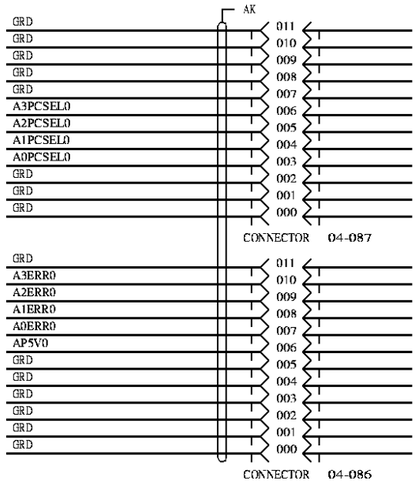
Lucent Technologies	SD-5D078-01	SHEET G3

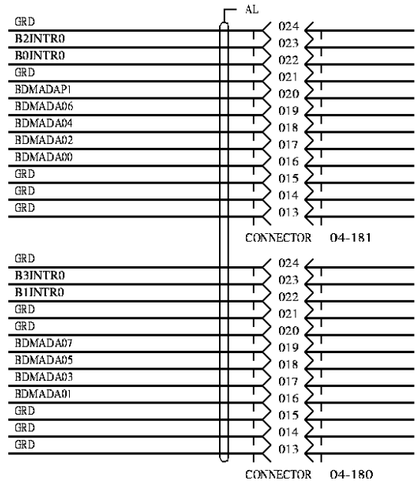
P/O CAD 1

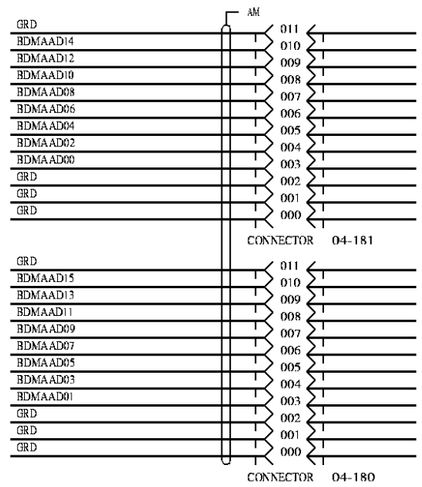


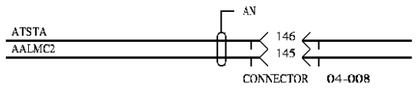












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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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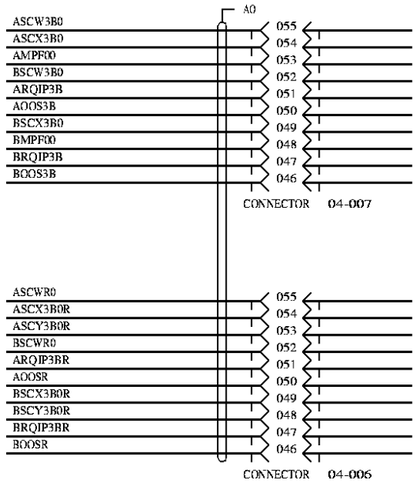
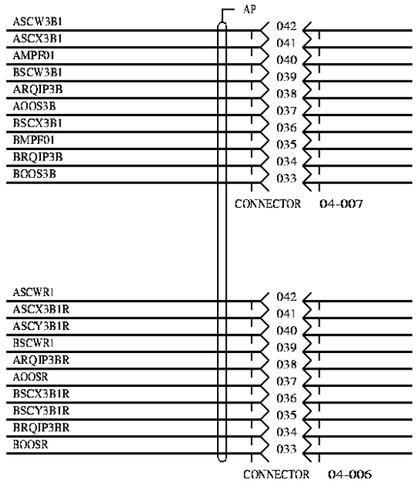
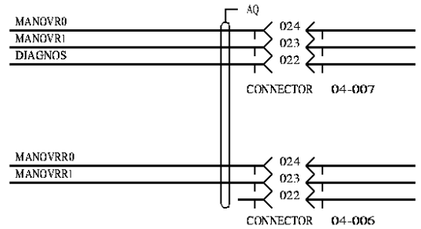
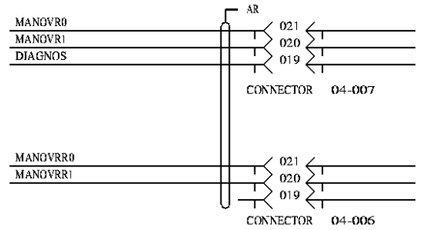
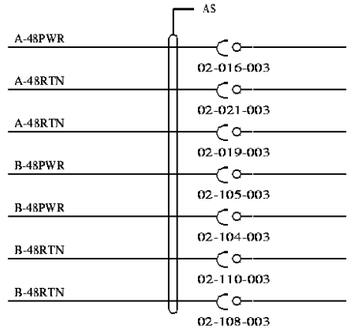
P/O CAD 1

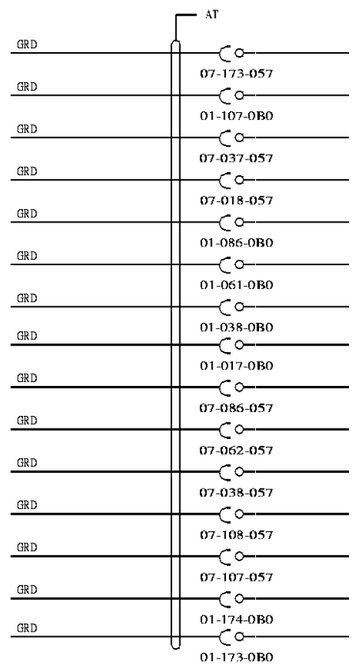


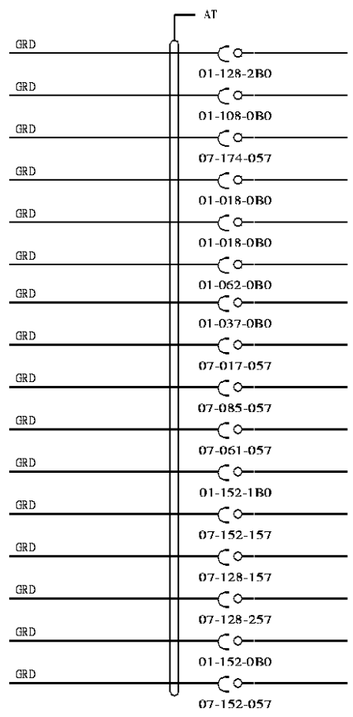












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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

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