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DWG ISS	CD ISS	DWG ISS	CD ISS	DWG ISS	CD ISS
1	1 APX -	2D	1 APX 1D	3M	1 APX 2M
4B	1 APX 3B		APX		APX
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5B	1 APX 4B	5-18-93			
6M	1 APX 5M	9-26-97			

SUPPORTING INFORMATION				SHEET INDEX NOTES	Copyright (C) 1997 Lucent Technologies All Rights Reserved	
SYSTEM USED ON	DESIGN CONTROL	CATEGORY	NO.		BT13	
SESS	IH	EQUIPMENT DRAWING	J5D020AC-1	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.	5ESS [®] SWITCHING EQUIPMENT MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3 CIRCUIT	
					DWG SIZE	ISSUE
					C2	6M
				Lucent Technologies	SD-5D078-01	
					SHEET	A1
					51	

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DESIGNATION MNEMONICS INDEX

MNEMONIC	LOC	DEFINITION	MNEMONIC	LOC	DEFINITION	MNEMONIC	LOC	DEFINITION
(A,B)-48PWR	2G4	SIDE A OR B, MINUS 48 VOLTS FEED	(A,B)SCX3B(0,1)	1C6	SIDE A OR B, SCAN AND DISTRIBUTE SCAN POINT X (0,1)	(A,B)(0-3)DATPHI	4C8	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), DATA PARITY HIGH
(A,B)-48RTN	2C5	SIDE A OR B, MINUS 48 VOLTS RETURN	(A,B)SCX3B(0,1)R	12C1	SIDE A OR B, SCAN AND DISTRIBUTE SCAN POINT X RETURN (0,1)	(A,B)(0-3)DATPL	3G5	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), DATA PARITY LOW
(A,B)ALMC(1,2)	1G5	SIDE A OR B, ALARM CIRCUIT 1 OR 2	(A,B)SCY3B(0,1)R	1C4	SIDE A OR B, SCAN AND DISTRIBUTE SCAN POINT Y RETURN (0,1)	(A,B)(0-3)DLYDIR	4C7	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), DELAY DIRECTION CONTROL
(A,B)CLK0(N,P)	10G4	SIDE A OR B, CLOCK, SIDE 0 (NEGATIVE, POSITIVE)	(A,B)SISOL0	9G1	SIDE A OR B, SET ISOLATE, ACTIVE LOW	(A,B)(0-3)DRLRHW	4G4	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), DIRECTION, LOW READ, HIGH WRITE
(A,B)CLK1(N,P)	4G5	SIDE A OR B, CLOCK, SIDE 1 (NEGATIVE, POSITIVE)	(A,B)SYNCO(N,P)	4G5	SIDE A OR B, SYNC, SIDE 0 (NEGATIVE, POSITIVE)	(A,B)(0-3)D86TR	3C3	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), 8086 DIRECTION CONTROL, TRANSMIT HIGH, RECEIVE LOW
(A,B)CMDINT0	5G5	SIDE A OR B, COMMAND INTERRUPT, ACTIVE LOW	(A,B)SYNCl(N,P)	4G5	SIDE A OR B, SYNC, SIDE 1 (NEGATIVE, POSITIVE)	(A,B)(0-3)EBYBT0	3G4	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), ENABLE BYTE BYTE, ACTIVE LOW
(A,B)CURPR(0,1)	9C1	SIDE A OR B, CURRENT PROGRAMMING RESISTOR LEAD (0,1)	(A,B)TDATA0(N,P)	4C5	SIDE A OR B, SIDE 0, TRANSMIT DATA (NEGATIVE, POSITIVE)	(A,B)(0-3)EHBYT0	3G2	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), ENABLE HIGH BYTE, ACTIVE LOW
(A,B)DMADAP1	3G4	SIDE A OR B, DMA DATA PARITY	(A,B)TDATA1(N,P)	10C5	SIDE A OR B, SIDE 1, TRANSMIT DATA (NEGATIVE, POSITIVE)	(A,B)(0-3)ELBYT0	4C2	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), ENABLE LOW BYTE, ACTIVE LOW
(A,B)DMADA(00-07)	3G1	SIDE A OR B, DMA DATA LEAD (00-07)	(A,B)TSTA	1C6	SIDE A OR B, TEST A	(A,B)(0-3)ERR0	3C2	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), PERIPHERAL CONTROLLER ERROR, ACTIVE LOW
(A,B)DMAOPC0	9G3	SIDE A OR B, DMA OPERATION COMPLETE, ACTIVE LOW	(A,B)(0-3)ADDPH	3C6	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), ADDRESS PARITY HIGH	(A,B)(0-3)FUNCN1	3C3	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), EXTERNAL FUNCTIONS ENABLE, ACTIVE HIGH
(A,B)DMARD0	9G4	SIDE A OR B, DMA READ, ACTIVE LOW	(A,B)(0-3)ADDPL	4C3	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), ADDRESS PARITY LOW	(A,B)(0-3)HLDAK0	3G4	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), HOLD ACKNOWLEDGE, ACTIVE LOW
(A,B)DMAREQ0	7G1	SIDE A OR B, DMA REQUEST, ACTIVE LOW	(A,B)(0-3)ADDPM	4C5	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), ADDRESS PARITY MEDIUM	(A,B)(0-3)INTAK0	3C3	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), INTERRUPT ACKNOWLEDGE, ACTIVE LOW
(A,B)DMAWT0	5G5	SIDE A OR B, WRITE, ACTIVE LOW	(A,B)(0-3)ADD	3C2	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), ADDRESS PARITY LEAD (00-19)	(A,B)(0-3)HLDREQ0	3G2	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), HOLD REQUEST, ACTIVE LOW
(A,B)INITPC0	5G4	SIDE A OR B, INITIALIZE PERIPHERAL CONTROLLER, ACTIVE LOW	(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)INTRQ0	4C2	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), INTERRUPT REQUEST, ACTIVE LOW
(A,B)INT(0,1)	1C5	SIDE A OR B, CURRENT PROGRAMMING INTERRUPT (0,1)	(A,B)(0-3)ALWPG0	4G3	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), ALLOW PROGRAMMING ERROR, ACTIVE LOW	(A,B)(0-3)INTRO	3C6	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), PERIPHERAL CONTROLLER INTERRUPT REQUEST, ACTIVE LOW
(A,B)MPF0(0,1)	1C6	SIDE A OR B, POWER FAIL (0,1)	(A,B)(0-3)CLESRO	3C3	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), CLEAR ERROR SOURCE REGISTER, ACTIVE LOW			
(A,B)OOS+I	1G4	SIDE A OR B, MARK CONVERTER OUT OF SERVICE	(A,B)(0-3)CLK4MZ	3C1	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), 4 MHZ CLOCK			
(B)OOS-I	2C4	SIDE A OR B, -48 VOLT POWER OUT OF SERVICE	(A,B)(0-3)CLK86	3C6	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), 8086 CLOCK			
(A,B)OOSR	12B1	SIDE A OR B, SCAN AND DISTRIBUTE OUT OF SERVICE RETURN	(A,B)(0-3)CMINT0	3C3	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), COMMAND INTERRUPT, ACTIVE LOW			
(A,B)OOS3B	1C6	SIDE A OR B, SCAN AND DISTRIBUTE OUT OF SERVICE RETURN	(A,B)(0-3)CNTWS0	3G2	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), CONTINUOUS WAIT STATE (TN870), ACTIVE LOW			
(A,B)P5V0	8G5	SIDE A OR B, PLUS 5 VOLTS POWER	(A,B)(0-3)CONWS0	3C3	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), CONTINUOUS WAIT STATE (TN856B), ACTIVE LOW			
(A,B)RDATA0(N,P)	4G5	SIDE A OR B, SIDE 0, RECEIVE DATA (NEGATIVE, POSITIVE)	(A,B)(0-3)CSA0	3C5	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), CONTROL SIGNAL ACKNOWLEDGE, ACTIVE LOW			
(A,B)RDATA1(N,P)	4G5	SIDE A OR B, SIDE 1, RECEIVE DATA (NEGATIVE, POSITIVE)	(A,B)(0-3)CSWNO0	4G5	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), CHIP SELECT WINDOW, ACTIVE LOW			
(A,B)RISOL0	3G2	SIDE A OR B, RESET PC ISOLATE, ACTIVE LOW	(A,B)(0-3)DATA	4C6	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), DATA LEAD (00-07)			
(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)						

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3		DWG SIZE C2
		ISSUE 6M
Lucent Technologies	SD-5D078-01	SHEET A2

DESIGNATION MNEMONICS INDEX

MNEMONIC	LOC	DEFINITION
(A,B)(0-3)IORDO	3C1	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), INPUT OUTPUT READ, ACTIVE LOW
(A,B)(0-3>IOWTO	3C3	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), INPUT OUTPUT WRITE, ACTIVE LOW
(A,B)(0-3)LATCHO	4G4	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), LATCH READ DATA, ACTIVE LOW
(A,B)(0-3)MEMRDO	4C2	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), MEMORY READ, ACTIVE LOW
(A,B)(0-3)MEMWTO	3C4	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), MEMORY WRITE, ACTIVE LOW
(A,B)(0-3)MEMIOO	3C1	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), MEMORY DIRECTION, ONE INPUT, ZERO OUTPUT
(A,B)(0-3)PARERO	4C3	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), DATA TWO PARITY ERROR, ACTIVE LOW
(A,B)(0-3)PBHEO	3G1	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), PERIPHERAL BUS HIGH ENABLE, ACTIVE LOW
(A,B)(0-3)PCSELO	3G5	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), PERIPHERAL CONTROLLER SELECT, ACTIVE LOW
(A,B)(0-3)PMPCSO	3G3	SIDE A OR B, MODULE MESSAGE PROCESSOR (0-3), PUMP PERIPHERAL CONTROLLER SELECT, ACTIVE LOW
(A,B)(0-3)PWRSTO	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)10INTO	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	
Lucent Technologies	SD-5D078-01	SHEET A3

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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
V	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	
Lucent Technologies	SD-5D078-01	SHEET A4

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1 LEAD INDEX							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMOD	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	WDELENO	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	YDELENO	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	3RTN	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	TRMOD	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	XADDPH	B3/F0
A0ADDPH	MMPA0		04-040	255	IO	XADDPH	B4/F1
A0ADDDL	MSPPA0		04-032	056	IO	XADDDL	B3/F0
A0ADDDL	MMPA0		04-040	056	IO	XADDDL	B4/F1
A0ADDDP	MSPPA0		04-032	156	IO	XADDDP	B3/F0
A0ADDDP	MMPA0		04-040	156	IO	XADDDP	B4/F1
A0ALWPG0	MSPPA0		04-032	020	O	XALWPG0	B3/F0
A0ALWPG0	MMPA0		04-040	020	I	XALWPG0	B4/F1
A0CLESRO	MSPPA0		04-032	133	O	XCLESRO	B3/F0
A0CLESRO	MMPA0		04-040	133	I	XCLESRO	B4/F1
A0CLK4M2	MSPPA0		04-032	043	O	XCLK4M2	B3/F0
A0CLK4M2	MMPA0		04-040	043	I	XCLK4M2	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	CMINT0	B3/F0
A0CMINT0	MMPA0		04-040	120	I	CMINT0	B4/F1
A0CNTWS0	MSPPA0		04-032	036	I	CONTWS0	B3/F0
A0CNTWS0	MMPA0		04-040	036	IO	XCNTWS0	B4/F1
A0CONWS0	MSPPA0		04-032	136	O	XDRYWAT0	B3/F0
A0CONWS0	MMPA0		04-040	136	I	XDRYWAT0	B4/F1
A0CSA0	MSPPA0		04-032	202	O	CSA0	B3/F0
A0CSA0	MMPA0		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	DATPHI	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	TRMOD	XT
A0DLYDIR	MMPA0		04-040	318	IO	XDLYDIR0	B4/F1
A0DRLRHW	MSPPA0		04-032	137	O	XDRLRHW	B3/F0
A0DRLRHW	MMPA0		04-040	137	I	XDRLRHW	B4/F1
A0EYBYTO	MSPPA0		04-032	134	I	ENBYBYTO	B3/F0
A0EYBYTO	MMPA0		04-040	134	IO	XENBYBYTO	B4/F1
A0EHBYTO	MSPPA0		04-032	035	I	ENHBYTO	B3/F0
A0EHBYTO	MMPA0		04-040	035	IO	NC	B4/F1
A0ELBYTO	MSPPA0		04-032	034	I	ENLBYTO	B3/F0
A0ELBYTO	MMPA0		04-040	034	O	XENLBYTO	B4/F1
A0ERRO	MSPPA0		04-032	102	O	ERRO	B3/F0
A0ERRO	MMPA0		04-086	007	O		B12/C5 *
A0FUNCN1	MSPPA0		04-032	122	O	XFUNCN1	B3/F0
A0FUNCN1	MMPA0		04-040	122	I	XFUNCN1	B4/F1
A0HLDACK0	MSPPA0		04-032	139	O	XHLDACK0	B3/F0
A0HLDACK0	MMPA0		04-040	139	I	XHLDACK0	B4/F1
A0HLDREQ0	MSPPA0		04-032	039	I	XHLDREQ0	B3/F0
A0HLDREQ0	MMPA0		04-040	039	O	XHLDREQ0	B4/F1
A0INTACK0	MSPPA0		04-032	138	O	XINTACK0	B3/F0
A0INTACK0	MMPA0		04-040	138	I	XINTACK0	B4/F1
A0INTRO	MSPPA0		04-032	302	O	INTRO	B3/F0
A0INTRO	MMPA0		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
A0LATC0	MSPPA0		04-032	135	O	XLATC0	B3/F0
A0LATC0	MMPA0		04-040	135	I	XLATC0	B4/F1
A0M1IO0	MSPPA0		04-032	040	O	XMEM1IO0	B3/F0
A0M1IO0	MMPA0		04-040	040	I	XMEM1IO0	B4/F1
A0MEMRD0	MSPPA0		04-032	042			

4 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
AOPWRSTO	MMPA0		04-040	022	I	XPWRSTO	B4/F1
AORASOK1	MSPPA0		04-032	019	I	RA5OK1	B3/F0
AORASOK1	MMPA0		04-040	019	IO	NC	B4/F1
AOSRO	MSPPA0		04-032	002	O	SRO	B3/F0
AOSRO	04-087		04-087	022	I		B12/C8 *
AOTVLPB	MSPPA0		04-032	216	IO	NC	B3/F0
AOTVLPB	MMPA0		04-032	316	IO	NC	B3/F0
AOTVLPD	MSPPA0		04-032	214	IO	NC	B3/F0
AOTVLPD	MMPA0		04-032	314	IO	NC	B3/F0
AOWDAT08	MSPPA0		04-032	250	I	WDDATA08	B3/F0
AOWDAT08	MMPA0		04-040	250	IO	NC	B4/F1
AOWDAT09	MSPPA0		04-032	350	I	WDDATA09	B3/F0
AOWDAT09	MMPA0		04-040	350	IO	NC	B4/F1
AOWDAT10	MSPPA0		04-032	251	I	WDDATA10	B3/F0
AOWDAT10	MMPA0		04-040	251	IO	NC	B4/F1
AOWDAT11	MSPPA0		04-032	351	I	WDDATA11	B3/F0
AOWDAT11	MMPA0		04-040	351	IO	NC	B4/F1
AOWDAT12	MSPPA0		04-032	252	I	WDDATA12	B3/F0
AOWDAT12	MMPA0		04-040	252	IO	NC	B4/F1
AOWDAT13	MSPPA0		04-032	352	I	WDDATA13	B3/F0
AOWDAT13	MMPA0		04-040	352	IO	NC	B4/F1
AOWDAT14	MSPPA0		04-032	253	I	WDDATA14	B3/F0
AOWDAT14	MMPA0		04-040	253	IO	NC	B4/F1
AOWDAT15	MSPPA0		04-032	353	I	WDDATA15	B3/F0
AOWDAT15	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

5 LEAD INDEX (CONTINUED)							
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	XADDPH	B5/F0
A1ADDPH	MMPA1		04-056	255	IO	XADDPH	B6/F1
A1ADDDL	MSPPA1		04-048	056	IO	XADDDL	B5/F0
A1ADDDL	MMPA1		04-056	056	IO	XADDDL	B6/F1
A1ADDDP	MSPPA1		04-048	156	IO	XADDDP	B5/F0
A1ADDDP	MMPA1		04-056	156	IO	XADDDP	B6/F1
A1ALWPGO	MSPPA1		04-048	020	O	XALWPGEO	B5/F0
A1ALWPGO	MMPA1		04-056	020	I	XALWPGEO	B6/F1
A1CLESRO	MSPPA1		04-048	133	O	XCLRESRO	B5/F0
A1CLESRO	MMPA1		04-056	133	I	XCLRESRO	B6/F1
A1CLK4M2	MSPPA1		04-048	043	O	XCLK4HMZ	B5/F0
A1CLK4M2	MMPA1		04-056	043	I	XCLK4HMZ	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	XDRYWATO	B5/F0
A1CONWS0	MMPA1		04-056	136	I	XDRYWATO	B6/F1
A1CSA0	MSPPA1		04-048	202	O	CSA0	B5/F0
A1CSA0	04-086		04-086	017	O		B12/C5 *
A1CSWIND0	MSPPA1		04-048	143	O	XCSWIND0	B5/F0
A1CSWIND0	MMPA1		04-056	143	I	XCSWIND0	B6/F1
A1D86TR	MSPPA1		04-048	140	O	XD86TR0	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	XDLYDIRO	B5/F0
A1DLYDIR	MMPA1		04-056	318	IO	XDLYDIRO	B6/F1
A1DRLRHW	MSPPA1		04-048	137	O	XDRLRHW	B5/F0
A1DRLRHW	MMPA1		04-056	137	I	XDRLRHW	B6/F1
A1EBYBTO	MSPPA1		04-048	134	I	ENBYBYTO	B5/F0
A1EBYBTO	MMPA1		04-056	134	IO	XENBYBYTO	B6/F1
A1EHBYTO	MSPPA1		04-048	035	I	ENHIBYTO	B5/F0
A1EHBYTO	MMPA1		04-056	035	IO	NC	B6/F1
A1ELBYTO	MSPPA1		04-048	034	I	ENLOBYTO	B5/F0
A1ELBYTO	MMPA1		04-056	034	O	XENLBYTO	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

6 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
A1FUNCN1	MMPA1		04-056	122	I	XFUNCN1	B6/F1
A1HLDAK0	MSPPA1		04-048	139	O	XHLDAK0	B5/F0
A1HLDAK0	MMPA1		04-056	139	I	XHLDAK0	B6/F1
A1HLDRQ0	MSPPA1		04-048	039	I	XHLDRQ0	B5/F0
A1HLDRQ0	MMPA1		04-056	039	O	XHLDRQ0	B6/F1
A1INTAK0	MSPPA1		04-048	138	O	XINTACK0	B5/F0
A1INTAK0	MMPA1		04-056	138	I	XINTACK0	B6/F1
A1INTRO	MSPPA1		04-048	302	O	INTRO	B5/F0
A1INTRO	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
A1LATCHO	MSPPA1		04-048	135	O	XLATCHO	B5/F0
A1LATCHO	MMPA1		04-056	135	I	XLATCHO	B6/F1
A1ME1IO0	MSPPA1		04-048	040	O	XMEN1IO0	B5/F0
A1ME1IO0	MMPA1		04-056	040	I	XMEN1IO0	B6/F1
A1MEMRD0	MSPPA1		04-048	042	IO	XMEMRD0	B5/F0
A1MEMRD0	MMPA1		04-056	042	O	XMEMRD0	B6/F1
A1MEMWT0	MSPPA1		04-048	142	IO	XMEMWT0	B5/F0
A1MEMWT0	MMPA1		04-056	142	O	XMEMWT0	B6/F1
A1PLIN	MSPPA1		04-048	037	I	PLIN	B5/F0
A1PLIN	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	IO	DAT2PE0	B6/F1
A1PBHE0	MSPPA1		04-048	018	I	PBHE0	B5/F0
A1PBHE0	MMPA1		04-056	018	O	PBHE0	B6/F1
A1PCSELO	MSPPA1		04-048	305	I	PCSELO	B5/F0
A1PCSELO	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
A1PWRSTO	MSPPA1		04-048	022	O	XPWRSTO	B5/F0
A1PWRSTO	MMPA1		04-056	022	I	XPWRSTO	B6/F1
A1RASOK1	MSPPA1		04-048	019	I	RA5OK1	B5/F0
A1RASOK1	MMPA1		04-056	019	IO	NC	B6/F1
A1SRO	MSPPA1		04-048	002	O	SRO	B5/F0
A1SRO	04-086		04-086	022	O		B12/C5 *
A1TVLPB	MSPPA1		04-048	216	IO	NC	B5/F0
A1TVLPB	MMPA1		04-048	316	IO	NC	B5/F0
A1TVLPD	MSPPA1		04-048	214	IO	NC	B5/F0
A1TVLPD	MMPA1		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						

7 LEAD INDEX (CONTINUED)							
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 XADDPH	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		
A2ADDDPH	MSPPA2	04-064	156	IO XADDDPH	B7/F0		
A2ADDDPH	MMPA2	04-072	156	IO XADDDPH	B8/F1		
A2ALWPG0	MSPPA2	04-064	020	O XALWPGEO	B7/F0		

8 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
A2ALWPG0	MMPA2	04-072	020	I XALWPGEO	B8/F1		
A2CLRES0	MSPPA2	04-064	133	O XCLRESRO	B7/F0		
A2CLRES0	MMPA2	04-072	133	I XCLRESRO	B8/F1		
A2CLK4M2	MSPPA2	04-064	043	O XCLK4HM2	B7/F0		
A2CLK4M2	MMPA2	04-072	043	I XCLK4HM2	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 XDRYWATO	B7/F0		
A2CONWS0	MMPA2	04-072	136	I XDRYWATO	B8/F1		
A2CSA0	MSPPA2	04-064	202	O CSA0	B7/F0		
A2CSA0	MMPA2	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 XD861R0	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 XDLYDIRO	B7/F0		
A2DLYDIR	MMPA2	04-072	318	IO XDLYDIRO	B8/F1		
A2DRLRHW	MSPPA2	04-064	137	O XDIRLRHW	B7/F0		
A2DRLRHW	MMPA2	04-072	137	I XDIRLRHW	B8/F1		
A2ENBYBTO	MSPPA2	04-064	134	I ENBYBTO	B7/F0		
A2ENBYBTO	MMPA2	04-072	134	IO XENBYBTO	B8/F1		
A2ENHBYTO	MSPPA2	04-064	035	I ENHBYTO	B7/F0		
A2ENHBYTO	MMPA2	04-072	035	IO NC	B8/F1		
A2ELBYTO	MSPPA2	04-064	034	I ENLOBYTO	B7/F0		
A2ELBYTO	MMPA2	04-072	034	O XENLBYTO	B8/F1		
A2ERR0	MSPPA2	04-064	102	O ERRO	B7/F0		
A2ERR0	MMPA2	04-086	009	O	B12/C5 *		
A2FUNCN1	MSPPA2	04-064	122	O XFUNCN1	B7/F0		
A2FUNCN1	MMPA2	04-072	122	I XFUNCN1	B8/F1		
A2HLDAK0	MSPPA2	04-064	139	O XHLDAK0	B7/F0		
A2HLDAK0	MMPA2	04-072	139	I XHLDAK0	B8/F1		
A2HLDRQ0	MSPPA2	04-064	039	I XHLDRQ0	B7/F0		
A2HLDRQ0	MMPA2	04-072	039	O XHLDRQ0	B8/F1		
A2INTAK0	MSPPA2	04-064	138	O XINTACK0	B7/F0		
A2INTAK0	MMPA2	04-072	138	I XINTACK0	B8/F1		
A2INTRO	MSPPA2	04-064	302	O INTRO	B7/F0		
A2INTRO	MMPA2	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		

9 LEAD INDEX (CONTINUED)							
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		
A2LATCHO	MSPPA2	04-064	135	O XLATCHO	B7/F0		
A2LATCHO	MMPA2	04-072	135	I XLATCHO	B8/F1		
A2ME1IO0	MSPPA2	04-064	040	O XMEM1IO0	B7/F0		
A2ME1IO0	MMPA2	04-072	040	I XMEM1IO0	B8/F1		
A2MEMRDO	MSPPA2	04-064	042	IO XMEMRDO	B7/F0		
A2MEMRDO	MMPA2	04-072	042	O XMEMRDO	B8/F1		
A2MEMWTO	MSPPA2	04-064	142	IO XMEMWTO	B7/F0		
A2MEMWTO	MMPA2	04-072	142	O XMEMWTO	B8/F1		
A2PLIN	MSPPA2	04-064	037	I P1IN	B7/F0		
A2PLIN	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		
A2PCSELO	MSPPA2	04-064	305	I PCSELO	B7/F0		
A2PCSELO	MMPA2	04-087	005	I	B12/C8 *		
A2PNPCSO	MSPPA2	04-064	119	I PUMPCSO	B7/F0		
A2PNPCSO	MMPA2	04-072	119	IO NC	B8/F1		
A2PWRST0	MSPPA2	04-064	022	O XPWRST0	B7/F0		
A2PWRST0	MMPA2	04-072	022	I XPWRST0	B8/F1		
A2RASOK1	MSPPA2	04-064	019	I RA5OK1	B7/F0		
A2RASOK1	MMPA2	04-072	019	IO NC	B8/F1		
A2SRO	MSPPA2	04-064	002	O SRO	B7/F0		
A2SRO	MMPA2	04-087	023	I	B12/C8 *		
A2TVLPB	MSPPA2	04-064	216	IO NC	B7/F0		
A2TVLPB	MMPA2	04-064	316	IO NC	B8/F1		
A2TVLPD	MSPPA2	04-064	214	IO NC	B7/F0		
A2TVLPD	MMPA2	04-064	314	IO NC	B8/F1		
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		

10 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMOD	SYMLOC XT
A2WDAT15	MMPA2		04-072	353	IO	NC	B8/F1
A31OINT0	MSPPA3		04-080	033	O	X10MSINT	B9/F0
A31OINT0	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	XADDPH	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
A3ADDPH	MSPPA3		04-080	156	IO	XADDPH	B9/F0
A3ADDPH	MMPA3		04-088	156	IO	XADDPH	B10/F0
A3ALWPG0	MSPPA3		04-080	020	O	XALWPG0	B9/F0
A3ALWPG0	MMPA3		04-088	020	I	XALWPG0	B10/F0
A3CLRES0	MSPPA3		04-080	133	O	XCLRES0	B9/F0
A3CLRES0	MMPA3		04-088	133	I	XCLRES0	B10/F0
A3CLK4M2	MSPPA3		04-080	043	O	XCLK4M2	B9/F0
A3CLK4M2	MMPA3		04-088	043	I	XCLK4M2	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

11 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMOD	SYMLOC XT
A3CONWS0	MMPA3		04-088	136	I	XDYRWAT0	B10/F0
A3CSA0	MSPPA3		04-080	202	O	CSA0	B9/F0
A3CSA0	MMPA3		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	XDRLRHW	B9/F0
A3DRLRHW	MMPA3		04-088	137	I	XDRLRHW	B10/F0
A3EYBYT0	MSPPA3		04-080	134	I	ENBYBYT0	B9/F0
A3EYBYT0	MMPA3		04-088	134	IO	XENBYBYT0	B10/F0
A3EYBYT0	MSPPA3		04-080	035	I	ENHYBYT0	B9/F0
A3EYBYT0	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	MMPA3		04-086	010	O		B12/C5 *
A3FUNCN1	MSPPA3		04-080	122	O	XFUNCN1	B9/F0
A3FUNCN1	MMPA3		04-088	122	I	XFUNCN1	B10/F0
A3HLDAK0	MSPPA3		04-080	139	O	XHLDAK0	B9/F0
A3HLDAK0	MMPA3		04-088	139	I	XHLDAK0	B10/F0
A3HLDRQ0	MSPPA3		04-080	039	I	XHLDRQ0	B9/F0
A3HLDRQ0	MMPA3		04-088	039	O	XHLDRQ0	B10/F0
A3INTAK0	MSPPA3		04-080	138	O	XINTAK0	B9/F0
A3INTAK0	MMPA3		04-088	138	I	XINTAK0	B10/F0
A3INTRO	MSPPA3		04-080	302	O	INTRO	B9/F0
A3INTRO	MMPA3		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
A3MELI00	MSPPA3		04-080	040	O	XMEMLI00	B9/F0
A3MELI00	MMPA3		04-088	040	I	XMEMLI00	B10/F0
A3MEMRD0	MSPPA3		04-080	042	IO	XMEMRD0	B9/F0
A3MEMRD0	MMPA3		04-088	042	O	XMEMRD0	B10/F0
A3MEMWT0	MSPPA3		04-080	142	IO	XMEMWT0	B9/F0
A3MEMWT0	MMPA3		04-088	142	O	XMEMWT0	B10/F0
A3PLIN	MSPPA3		04-080	037	I	PLIN	B9/F0

12 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMOD	SYMLOC XT
A3PLIN	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	MMPA3		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	XPWRST0	B9/F0
A3PWRST0	MMPA3		04-088	022	I	XPWRST0	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	MMPA3		04-086	023	O		B12/D5 *
A3TVLPB	MSPPA3		04-080	216	IO	NC	B9/F0
A3TVLPB	MMPA3		04-080	316	IO	NC	B9/F0
A3TVLPD	MSPPA3		04-080	214	IO	NC	B9/F0
A3TVLPD	MMPA3		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
AALNC1	AMSPUCD		04-008	123	O	CARD	B1/F2
AALNC1	AMSPUCD		04-008	148	I	PINT	B1/F2
AALNC1	APWRCONV		04-024	113	IO	BALMC1	B2/F1
AALNC2	AMSPUCD		04-008	117	I	AD	B1/F2
AALNC2	AMSPUCD		04-008	145	IO	NC	B1/F2 *
AALNC2	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

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13 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMOD	SYMLOC	XT
ACLKOP	MMPA3	04-088	335	I	OCLKP	B10/F0	*
ACLKIN	MMPA0	04-040	240	I	1CLKN	B4/F1	
ACLKIN	MMPA1	04-056	240	I	1CLKN	B6/F1	
ACLKIN	MMPA2	04-072	240	I	1CLKN	B8/F1	
ACLKIN	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	*
ACURPRO	APWRCONV	04-024	017	IO	BCURPRO	B2/F1	
ACURPRO	MSPPA0	04-032	012	IO	NCURPR	B3/F0	
ACURPRO	MMPA0	04-040	112	IO	XCURPRO	B4/F1	
ACURPRO	MSPPA1	04-048	012	IO	NCURPR	B5/F0	
ACURPRO	MMPA1	04-056	112	IO	XCURPRO	B6/F1	
ACURPRO	MSPPA2	04-064	012	IO	NCURPR	B7/F0	
ACURPRO	MMPA2	04-072	112	IO	XCURPRO	B8/F1	
ACURPRO	MSPPA3	04-080	012	IO	NCURPR	B9/F0	
ACURPRO	MMPA3	04-088	112	IO	XCURPRO	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	TRMOD	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	*
ADMAADA00	MSPPA0	04-032	005	I	DMADA001	B3/F0	
ADMAADA00	MSPPA1	04-048	005	I	DMADA001	B5/F0	
ADMAADA00	MSPPA2	04-064	005	I	DMADA001	B7/F0	
ADMAADA00	MSPPA3	04-080	005	I	DMADA001	B9/F0	
ADMAADA00	04-093	04-093	016	I		B24/C3	*
ADMAADA01	MSPPA0	04-032	105	I	DMADA011	B3/F0	
ADMAADA01	MSPPA1	04-048	105	I	DMADA011	B5/F0	
ADMAADA01	MSPPA2	04-064	105	I	DMADA011	B7/F0	
ADMAADA01	MSPPA3	04-080	105	I	DMADA011	B9/F0	
ADMAADA01	04-092	04-092	016	I		B24/C1	*
ADMAADA02	MSPPA0	04-032	006	I	DMADA021	B3/F0	
ADMAADA02	MSPPA1	04-048	006	I	DMADA021	B5/F0	
ADMAADA02	MSPPA2	04-064	006	I	DMADA021	B7/F0	
ADMAADA02	MSPPA3	04-080	006	I	DMADA021	B9/F0	
ADMAADA02	04-093	04-093	017	I		B24/C3	*
ADMAADA03	MSPPA0	04-032	106	I	DMADA031	B3/F0	
ADMAADA03	MSPPA1	04-048	106	I	DMADA031	B5/F0	
ADMAADA03	MSPPA2	04-064	106	I	DMADA031	B7/F0	
ADMAADA03	MSPPA3	04-080	106	I	DMADA031	B9/F0	
ADMAADA03	04-092	04-092	017	I		B24/C1	*
ADMAADA04	MSPPA0	04-032	007	I	DMADA041	B3/F0	
ADMAADA04	MSPPA1	04-048	007	I	DMADA041	B5/F0	
ADMAADA04	MSPPA2	04-064	007	I	DMADA041	B7/F0	
ADMAADA04	MSPPA3	04-080	007	I	DMADA041	B9/F0	
ADMAADA04	04-093	04-093	018	I		B24/C3	*
ADMAADA05	MSPPA0	04-032	107	I	DMADA051	B3/F0	
ADMAADA05	MSPPA1	04-048	107	I	DMADA051	B5/F0	
ADMAADA05	MSPPA2	04-064	107	I	DMADA051	B7/F0	
ADMAADA05	MSPPA3	04-080	107	I	DMADA051	B9/F0	
ADMAADA05	04-092	04-092	018	I		B24/C1	*
ADMAADA06	MSPPA0	04-032	008	I	DMADA061	B3/F0	
ADMAADA06	MSPPA1	04-048	008	I	DMADA061	B5/F0	
ADMAADA06	MSPPA2	04-064	008	I	DMADA061	B7/F0	
ADMAADA06	MSPPA3	04-080	008	I	DMADA061	B9/F0	
ADMAADA06	04-093	04-093	019	I		B24/D3	*
ADMAADA07	MSPPA0	04-032	108	I	DMADA071	B3/F0	
ADMAADA07	MSPPA1	04-048	108	I	DMADA071	B5/F0	
ADMAADA07	MSPPA2						

16 LEAD INDEX (CONTINUED)							
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	MMPA3	04-086	006	P	VCC	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	
ARDATAON	MMPA0	04-040	237	I	ORDATAN	B4/F1	
ARDATAON	MMPA1	04-056	237	I	ORDATAN	B6/F1	
ARDATAON	MMPA2	04-072	237	I	ORDATAN	B8/F1	
ARDATAON	MMPA3	04-088	237	I	ORDATAN	B10/F0	*
ARDATAOP	MMPA0	04-040	337	I	ORDATAP	B4/F1	

17 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
ARDATAOP	MMPA1	04-056	337	I	ORDATAP	B6/F1	
ARDATAOP	MMPA2	04-072	337	I	ORDATAP	B8/F1	
ARDATAOP	MMPA3	04-088	337	I	ORDATAP	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	*
ARISOLO	MSPPA0	04-032	103	I	RISOLO	B3/F0	
ARISOLO	MSPPA1	04-048	103	I	RISOLO	B5/F0	
ARISOLO	MSPPA2	04-064	103	I	RISOLO	B7/F0	
ARISOLO	MSPPA3	04-080	103	I	RISOLO	B9/F0	
ARISOLO	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	BR1	B2/F1	
ARS2	AMSPUCD	04-008	122	I	RG2	B1/F2	
ARS2	APWRCONV	04-024	110	IO	BR2	B2/F1	
ARS3	AMSPUCD	04-008	009	O	RS3	B1/F2	
ARS3	APWRCONV	04-024	109	IO	BR3	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	
ASCWRO	04-006	04-006	055	O		B12/C1	*
ASCWRO	AMSPUCD	04-008	056	O	SCWRO	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	
ASCX3BOR	04-006	04-006	054	O		B12/C1	*
ASCX3BOR	AMSPUCD	04-008	054	O	SCX3BOR	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	
ASCY3BOR	04-006	04-006	053	O		B12/C1	*
ASCY3BOR	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	
ASISOLO	MSPPA0	04-032	003	I	SISOLO	B3/F0	
ASISOLO	MSPPA1	04-048	003	I	SISOLO	B5/F0	
ASISOLO	MSPPA2	04-064	003	I	SISOLO	B7/F0	
ASISOLO	MSPPA3	04-080	003	I	SISOLO	B9/F0	
ASISOLO	04-086	04-086	021	I		B12/C5	*
ASYNCON	MMPA0	04-040	234	I	OSYNCON	B4/F1	
ASYNCON	MMPA1	04-056	234	I	OSYNCON	B6/F1	
ASYNCON	MMPA2	04-072	234	I	OSYNCON	B8/F1	
ASYNCON	MMPA3	04-088	234	I	OSYNCON	B10/F0	*
ASYNCON	MMPA0	04-040	334	I	OSYNCON	B4/F1	
ASYNCON	MMPA1	04-056	334	I	OSYNCON	B6/F1	
ASYNCON	MMPA2	04-072	334	I	OSYNCON	B8/F1	
ASYNCON	MMPA3	04-088	334	I	OSYNCON	B10/F0	*
ASYNCLN	MMPA0	04-040	239	I	1SYNCLN	B4/F1	
ASYNCLN	MMPA1	04-056	239	I	1SYNCLN	B6/F1	
ASYNCLN	MMPA2	04-072	239	I	1SYNCLN	B8/F1	
ASYNCLN	MMPA3	04-088	239	I	1SYNCLN	B10/F0	*
ASYNCLP	MMPA0	04-040	339	I	OSYNCLP	B4/F1	
ASYNCLP	MMPA1	04-056	339	I	OSYNCLP	B6/F1	

18 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
ASYNCLP	MMPA2	04-072	339	I	OSYNCLP	B8/F1	
ASYNCLP	MMPA3	04-088	339	I	OSYNCLP	B10/F0	*
ATDATAON	MMPA0	04-040	236	O	OTDATAN	B4/F1	
ATDATAON	MMPA1	04-056	236	O	OTDATAN	B6/F1	
ATDATAON	MMPA2	04-072	236	O	OTDATAN	B8/F1	
ATDATAON	MMPA3	04-088	236	O	OTDATAN	B10/F0	*
ATDATAOP	MMPA0	04-040	336	O	OTDATAP	B4/F1	
ATDATAOP	MMPA1	04-056	336	O	OTDATAP	B6/F1	
ATDATAOP	MMPA2	04-072	336	O	OTDATAP	B8/F1	
ATDATAOP	MMPA3	04-088	336	O	OTDATAP	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</			

19 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMOD	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	
BOAD2PE0	MSPPB0	04-120	021	I	ADD2PE0	B15/F0	
BOAD2PE0	MMPB0	04-128	021	IO	ADD2PE0	B16/F1	
BOADD00	MSPPB0	04-120	046	IO	XADD00	B15/F0	
BOADD00	MMPB0	04-128	046	IO	XADD00	B16/F1	
BOADD01	MSPPB0	04-120	146	IO	XADD01	B15/F0	
BOADD01	MMPB0	04-128	146	IO	XADD01	B16/F1	
BOADD02	MSPPB0	04-120	047	IO	XADD02	B15/F0	
BOADD02	MMPB0	04-128	047	IO	XADD02	B16/F1	
BOADD03	MSPPB0	04-120	147	IO	XADD03	B15/F0	
BOADD03	MMPB0	04-128	147	IO	XADD03	B16/F1	
BOADD04	MSPPB0	04-120	048	IO	XADD04	B15/F0	
BOADD04	MMPB0	04-128	048	IO	XADD04	B16/F1	
BOADD05	MSPPB0	04-120	148	IO	XADD05	B15/F0	
BOADD05	MMPB0	04-128	148	IO	XADD05	B16/F1	
BOADD06	MSPPB0	04-120	049	IO	XADD06	B15/F0	
BOADD06	MMPB0	04-128	049	IO	XADD06	B16/F1	
BOADD07	MSPPB0	04-120	149	IO	XADD07	B15/F0	
BOADD07	MMPB0	04-128	149	IO	XADD07	B16/F1	
BOADD08	MSPPB0	04-120	050	IO	XADD08	B15/F0	
BOADD08	MMPB0	04-128	050	IO	XADD08	B16/F1	
BOADD09	MSPPB0	04-120	150	IO	XADD09	B15/F0	
BOADD09	MMPB0	04-128	150	IO	XADD09	B16/F1	
BOADD10	MSPPB0	04-120	051	IO	XADD10	B15/F0	
BOADD10	MMPB0	04-128	051	IO	XADD10	B16/F1	
BOADD11	MSPPB0	04-120	151	IO	XADD11	B15/F0	
BOADD11	MMPB0	04-128	151	IO	XADD11	B16/F1	
BOADD12	MSPPB0	04-120	052	IO	XADD12	B15/F0	
BOADD12	MMPB0	04-128	052	IO	XADD12	B16/F1	
BOADD13	MSPPB0	04-120	152	IO	XADD13	B15/F0	
BOADD13	MMPB0	04-128	152	IO	XADD13	B16/F1	
BOADD14	MSPPB0	04-120	053	IO	XADD14	B15/F0	
BOADD14	MMPB0	04-128	053	IO	XADD14	B16/F1	
BOADD15	MSPPB0	04-120	153	IO	XADD15	B15/F0	
BOADD15	MMPB0	04-128	153	IO	XADD15	B16/F1	
BOADD16	MSPPB0	04-120	054	IO	XADD16	B15/F0	
BOADD16	MMPB0	04-128	054	IO	XADD16	B16/F1	
BOADD17	MSPPB0	04-120	154	IO	XADD17	B15/F0	
BOADD17	MMPB0	04-128	154	O	XADD17	B16/F1	
BOADD18	MSPPB0	04-120	055	IO	XADD18	B15/F0	
BOADD18	MMPB0	04-128	055	O	XADD18	B16/F1	
BOADD19	MSPPB0	04-120	155	IO	XADD19	B15/F0	
BOADD19	MMPB0	04-128	155	O	XADD19	B16/F1	
BOADDPH	MSPPB0	04-120	255	IO	XADDPH	B15/F0	
BOADDPH	MMPB0	04-128	255	IO	XADDPH	B16/F1	
BOADDPL	MSPPB0	04-120	056	IO	XADDPL	B15/F0	
BOADDPL	MMPB0	04-128	056	IO	XADDPL	B16/F1	
BOADDPM	MSPPB0	04-120	156	IO	XADDPH	B15/F0	
BOADDPM	MMPB0	04-128	156	IO	XADDPH	B16/F1	
BOALWPG0	MSPPB0	04-120	020	O	XALWPGEO	B15/F0	
BOALWPG0	MMPB0	04-128	020	I	XALWPGEO	B16/F1	
BOCLRES0	MSPPB0	04-120	133	O	XCLRESRO	B15/F0	
BOCLRES0	MMPB0	04-128	133	I	XCLRESRO	B16/F1	
BOCLK4M2	MSPPB0	04-120	043	O	XCLK4MH2	B15/F0	
BOCLK4M2	MMPB0	04-128	043	I	XCLK4MH2	B16/F1	
BOCLK86	MSPPB0	04-120	355	O	XCLK86	B15/F0	

20 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMOD	SYMLOC XT
BOCLK86	MMPB0		04-128	355	IO	NC	B16/F1
BOCMINT0	MSPPB0		04-120	120	O	CMDINT10	B15/F0
BOCMINT0	MMPB0		04-128	120	I	CMDINT10	B16/F1
BOCNTWS0	MSPPB0		04-120	036	I	CONTWS0	B15/F0
BOCNTWS0	MMPB0		04-128	036	IO	XCNTWS0	B16/F1
BOCONWS0	MSPPB0		04-120	136	O	XDYRWAT0	B15/F0
BOCONWS0	MMPB0		04-128	136	I	XDYRWAT0	B16/F1
BOCSA0	MSPPB0		04-120	202	O	CSA0	B15/F0
BOCSA0	MMPB0		04-174	016	O		B24/C5 *
BOCSWND0	MSPPB0		04-120	143	O	XCSWIND0	B15/F0
BOCSWND0	MMPB0		04-128	143	I	XCSWIND0	B16/F1
BOD86TR	MSPPB0		04-120	140	O	XD86T1R0	B15/F0
BOD86TR	MMPB0		04-128	140	IO	NC	B16/F1
BODATA00	MSPPB0		04-120	246	I	BYDATA00	B15/F0
BODATA00	MMPB0		04-128	246	IO	XDATA00	B16/F1
BODATA01	MSPPB0		04-120	346	I	BYDATA01	B15/F0
BODATA01	MMPB0		04-128	346	IO	XDATA01	B16/F1
BODATA02	MSPPB0		04-120	247	I	BYDATA02	B15/F0
BODATA02	MMPB0		04-128	247	IO	XDATA02	B16/F1
BODATA03	MSPPB0		04-120	347	I	BYDATA03	B15/F0
BODATA03	MMPB0		04-128	347	IO	XDATA03	B16/F1
BODATA04	MSPPB0		04-120	248	I	BYDATA04	B15/F0
BODATA04	MMPB0		04-128	248	IO	XDATA04	B16/F1
BODATA05	MSPPB0		04-120	348	I	BYDATA05	B15/F0
BODATA05	MMPB0		04-128	348	IO	XDATA05	B16/F1
BODATA06	MSPPB0		04-120	249	I	BYDATA06	B15/F0
BODATA06	MMPB0		04-128	249	IO	XDATA06	B16/F1
BODATA07	MSPPB0		04-120	349	I	BYDATA07	B15/F0
BODATA07	MMPB0		04-128	349	IO	XDATA07	B16/F1
BODATPHI	MSPPB0		04-120	354	I	DATPARHI	B15/F0
BODATPHI	MMPB0		04-128	354	IO	NC	B16/F1
BODATPL	MSPPB0		04-120	254	I	DATPARLO	B15/F0
BODATPL	MMPB0		04-128	254	IO	XDATPL	B16/F1
BODLYDIR	MSPPB0		04-120	318	I	XDLYDIR0	B15/F0
BODLYDIR	MMPB0		04-128	318	IO	XDLYDIR0	B16/F1
BODRLRHW	MSPPB0		04-120	137	O	XDRLRHW	B15/F0
BODRLRHW	MMPB0		04-128	137	I	XDRLRHW	B16/F1
BOEYBYT0	MSPPB0		04-120	134	I	ENBYBYT0	B15/F0
BOEYBYT0	MMPB0		04-128	134	IO	XENBYBYT0	B16/F1
BOEHBYT0	MSPPB0		04-120	035	I	ENHYBYT0	B15/F0
BOEHBYT0	MMPB0		04-128	035	IO	NC	B16/F1
BOELBYT0	MSPPB0		04-120	034	I	ENLOYBYT0	B15/F0
BOELBYT0	MMPB0		04-128	034	O	XENLBYT0	B16/F1
BOERR0	MSPPB0		04-120	102	O	ERR0	B15/F0
BOERR0	MMPB0		04-174	007	O		B24/C5 *
BOFUNCN1	MSPPB0		04-120	122	O	XFUNCN1	B15/F0
BOFUNCN1	MMPB0		04-128	122	I	XFUNCN1	B16/F1
BOHLDAK0	MSPPB0		04-120	139	O	XHLDAK0	B15/F0
BOHLDAK0	MMPB0		04-128	139	I	XHLDAK0	B16/F1
BOHLDRQ0	MSPPB0		04-120	039	I	XHLDRQ0	B15/F0
BOHLDRQ0	MMPB0		04-128	039	O	XHLDRQ0	B16/F1
BOINTAK0	MSPPB0		04-120	138	O	XINTACK0	B15/F0
BOINTAK0	MMPB0		04-128	138	I	XINTACK0	B16/F1
BOINTRO	MSPPB0		04-120	302	O	INTRO	B15/F0
BOINTRO	MMPB0		04-181	022	O		B24/G3 *
BOINTRQ0	MSPPB0		04-120	038	I	XINTREQ0	B15/F0
BOINTRQ0	MMPB0		04-128	038	O	XINTREQ0	B16/F1
BOIORD0	MSPPB0		04-120	041	O	XIORD0	B15/F0
BOIORD0	MMPB0		04-128	041	I	XIORD0	B16/F1
BOIOWT0	MSPPB0		04-120	141	O	XIOWT0	B15/F0
BOIOWT0	MMPB0		04-128	141	I	XIOWT0	B16/F1
BOLATCH0	MSPPB0		04-120	135	O	XLATCH0	B15/F0
BOLATCH0	MMPB0		04-128	135	I	XLATCH0	B16/F1
BOME1100	MSPPB0		04-120	040	O	XMEM1100	B15/F0

21 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMOD	SYMLOC XT
BOME1100	MMPB0		04-128	040	I	XMEM1100	B16/F1
BOMEMRD0	MSPPB0		04-120	042	IO	XMEMRD0	B15/F0
BOMEMRD0	MMPB0		04-128	042	O	XMEMRD0	B16/F1
BOMENWT0	MSPPB0		04-120	142	IO	XMEMWT0	B15/F0
BOMENWT0	MMPB0		04-128	142	O	XMEMWT0	B16/F1
BOP1IN	MSPPB0		04-120	037	I	P1IN	B15/F0
BOP1IN	MMPB0		04-128	037	G	GRD	B16/F1
BOP2IN	MSPPB0		04-120	118	I	P2IN	B15/F0
BOP2IN	MMPB0		04-128	118	IO	NC	B16/F1
BOP3IN	MSPPB0		04-120	218	I	P3IN	B15/F0
BOP3IN	MMPB0		04-128	218	G	GRD	B16/F1
BOPARER0	MSPPB0		04-120	121	I	DAT2PE0	B15/F0
BOPARER0	MMPB0		04-128	121	O	DAT2PE0	B16/F1
BOPBHE0	MSPPB0		04-120	018	I	PBHE0	B15/F0
BOPBHE0	MMPB0		04-128	018	O	PBHE0	B16/F1
BOPCSEL0	MSPPB0		04-120	305	I	PCSEL0	B15/F0
BOPCSEL0	MMPB0		04-175	003	I		B24/C8 *
BOPMPCS0	MSPPB0		04-120	119	I	PUMPCS0	B15/F0
BOPMPCS0	MMPB0		04-128	119	IO	NC	B16/F1
BOPWRST0	MSPPB0		04-120	022	O	XPWRST0	B15/F0
BOPWRST0	MMPB0		04-128	022	I	XPWRST0	B16/F1
BORASOK1	MSPPB0		04-120	019	I	RA5OK1	B15/F0
BORASOK1	MMPB0		04-128	019	IO	NC	B16/F1
BOSRO	MSPPB0		04-120	002	O	SRO	B15/F0
BOSRO	MMPB0		04-175	022	I		B24/C8 *
BOTVLPB	MSPPB0		04-120	216	IO	NC	B15/F0
BOTVLPB	MMPB0		04-120	316	IO	NC	B16/F1
BOTVLPD	MSPPB0		04-120	214	IO	NC	B15/F0
BOTVLPD	MMPB0		04-120	314	IO	NC	B16/F1
BOWDAT08	MSPPB0		04-120	250	I	WDDATA08	B15/F0
BOWDAT08	MMPB0		04-128	250	IO	NC	B16/F1
BOWDAT09	MSPPB0		04-120	350	I	WDDATA09	B15/F0
BOWDAT09	MMPB0		04-128	350	IO	NC	B16/F1
BOWDAT10	MSPPB0		04-120	251	I	WDDATA10	B15/F0
BOWDAT10	MMPB0		04-128	251	IO	NC	B16/F1
BOWDAT11	MSPPB0		04-120	351	I	WDDATA11	B15/F0
BOWDAT11	MMPB0		04-128	351	IO	NC	B16/F1
BOWDAT12	MSPPB0		04-120	252	I	WDDATA12	B15/F0
BOWDAT12	MMPB0		04-128	252	IO	NC	B16/F1
BOWDAT13	MSPPB0		04-120	352	I	WDDATA13	B15/F0
BOWDAT13	MMPB0		04-128	352	IO	NC	B16/F1
BOWDAT14	MSPPB0		04-120	253	I	WDDATA14	B15/F0
BOWDAT14	MMPB0		04-128	253	IO	NC	B16/F1
BOWDAT15	MSPPB0		04-120	353	I	WDDATA15	B15/F0
BOWDAT15	MMPB0						

22 LEAD INDEX (CONTINUED)							
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	IO XADD17	B18/F1		
B1ADD18	MSPPB1	04-136	055	IO XADD18	B17/F0		
B1ADD18	MMPB1	04-144	055	IO XADD18	B18/F1		
B1ADD19	MSPPB1	04-136	155	IO XADD19	B17/F0		
B1ADD19	MMPB1	04-144	155	IO XADD19	B18/F1		
B1ADDPH	MSPPB1	04-136	255	IO XADDPH	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		
B1ADDPH	MSPPB1	04-136	156	IO XADDPH	B17/F0		
B1ADDPH	MMPB1	04-144	156	IO XADDPH	B18/F1		
B1ALWPGO	MSPPB1	04-136	020	O XALWPGEO	B17/F0		
B1ALWPGO	MMPB1	04-144	020	I XALWPGEO	B18/F1		
B1CLESRO	MSPPB1	04-136	133	O XCLRESRO	B17/F0		
B1CLESRO	MMPB1	04-144	133	I XCLRESRO	B18/F1		
B1CLK4M2	MSPPB1	04-136	043	O XCLK4HM2	B17/F0		
B1CLK4M2	MMPB1	04-144	043	I XCLK4HM2	B18/F1		
B1CLK86	MSPPB1	04-136	355	O XCLK86	B17/F0		
B1CLK86	MMPB1	04-144	355	IO NC	B18/F1		
B1CMINTO	MSPPB1	04-136	120	O CMDINT10	B17/F0		
B1CMINTO	MMPB1	04-144	120	I CMDINT10	B18/F1		
B1CNTWSO	MSPPB1	04-136	036	I CONTWSO	B17/F0		
B1CNTWSO	MMPB1	04-144	036	IO XCONTWSO	B18/F1		
B1CONWSO	MSPPB1	04-136	136	O XDYRWATO	B17/F0		
B1CONWSO	MMPB1	04-144	136	I XDYRWATO	B18/F1		
B1CSA0	MSPPB1	04-136	202	O CSA0	B17/F0		
B1CSA0	MMPB1	04-174	017	O	B24/C5 *		
B1CSWINDO	MSPPB1	04-136	143	O XCSWINDO	B17/F0		
B1CSWINDO	MMPB1	04-144	143	I XCSWINDO	B18/F1		
B1D86TR	MSPPB1	04-136	140	O XD86TIRO	B17/F0		

23 LEAD INDEX (CONTINUED)							
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 XDLYDIRO	B17/F0		
B1DLYDIR	MMPB1	04-144	318	IO XDLYDIRO	B18/F1		
B1DRLRHW	MSPPB1	04-136	137	O XDRLRHW	B17/F0		
B1DRLRHW	MMPB1	04-144	137	I XDRLRHW	B18/F1		
B1EBYBTO	MSPPB1	04-136	134	I ENBYBTO	B17/F0		
B1EBYBTO	MMPB1	04-144	134	IO XENBYBTO	B18/F1		
B1EHBYTO	MSPPB1	04-136	035	I ENHYBYTO	B17/F0		
B1EHBYTO	MMPB1	04-144	035	IO NC	B18/F1		
B1ELBYTO	MSPPB1	04-136	034	I ENLOBYTO	B17/F0		
B1ELBYTO	MMPB1	04-144	034	O XENLBYTO	B18/F1		
B1ERR0	MSPPB1	04-136	102	O ERRO	B17/F0		
B1ERR0	MMPB1	04-174	008	O	B24/C5 *		
B1FUNCN1	MSPPB1	04-136	122	O XFUNCN1	B17/F0		
B1FUNCN1	MMPB1	04-144	122	I XFUNCN1	B18/F1		
B1HLDACKO	MSPPB1	04-136	139	O XHLDACKO	B17/F0		
B1HLDACKO	MMPB1	04-144	139	I XHLDACKO	B18/F1		
B1HLDRQO	MSPPB1	04-136	039	I XHLDRQO	B17/F0		
B1HLDRQO	MMPB1	04-144	039	IO XHLDRQO	B18/F1		
B1INTAKO	MSPPB1	04-136	138	O XINTACKO	B17/F0		
B1INTAKO	MMPB1	04-144	138	I XINTACKO	B18/F1		
B1INTRO	MSPPB1	04-136	302	O INTRO	B17/F0		
B1INTRO	MMPB1	04-180	022	O	B24/G1 *		
B1INTRQO	MSPPB1	04-136	038	I XINTREQO	B17/F0		
B1INTRQO	MMPB1	04-144	038	O XINTREQO	B18/F1		
B1IORDO	MSPPB1	04-136	041	O XIORDO	B17/F0		
B1IORDO	MMPB1	04-144	041	I XIORDO	B18/F1		
B1IOWTO	MSPPB1	04-136	141	O XIOWTO	B17/F0		
B1IOWTO	MMPB1	04-144	141	I XIOWTO	B18/F1		
B1LATCHO	MSPPB1	04-136	135	O XLATCHO	B17/F0		
B1LATCHO	MMPB1	04-144	135	I XLATCHO	B18/F1		
B1MEM1IOO	MSPPB1	04-136	040	O XMEM1IOO	B17/F0		
B1MEM1IOO	MMPB1	04-144	040	I XMEM1IOO	B18/F1		
B1MEMRDO	MSPPB1	04-136	042	IO XMEMRDO	B17/F0		
B1MEMRDO	MMPB1	04-144	042	O XMEMRDO	B18/F1		
B1MEMWTO	MSPPB1	04-136	142	IO XMEMWTO	B17/F0		
B1MEMWTO	MMPB1	04-144	142	O XMEMWTO	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		
B1PARERO	MSPPB1	04-136	121	I DAT2PEO	B17/F0		

24 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
B1PARERO	MMPB1	04-144	121	O DAT2PEO	B18/F1		
B1PBHEO	MSPPB1	04-136	018	I PBHEO	B17/F0		
B1PBHEO	MMPB1	04-144	018	O PBHEO	B18/F1		
B1PCSELO	MSPPB1	04-136	305	I PCSELO	B17/F0		
B1PCSELO	MMPB1	04-175	004	O	B24/C8 *		
B1PNPCSO	MSPPB1	04-136	119	I PUNPCSO	B17/F0		
B1PNPCSO	MMPB1	04-144	119	IO NC	B18/F1		
B1PWRSTO	MSPPB1	04-136	022	O XPWRSTO	B17/F0		
B1PWRSTO	MMPB1	04-144	022	I XPWRSTO	B18/F1		
B1RASOK1	MSPPB1	04-136	019	I RA5OK1	B17/F0		
B1RASOK1	MMPB1	04-144	019	IO NC	B18/F1		
B1SRO	MSPPB1	04-136	002	O SRO	B17/F0		
B1SRO	MMPB1	04-174	022	O	B24/C5 *		
B1TVLPB	MSPPB1	04-136	216	IO NC	B17/F0		
B1TVLPB	MMPB1	04-136	316	IO NC	B18/F0		
B1TVLPD	MSPPB1	04-136	214	IO NC	B17/F0		
B1TVLPD	MMPB1	04-136	314	IO NC	B18/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		
B210INTO	MSPPB2	04-152	033	O X10MSINT	B19/E0		
B210INTO	MMPB2	04-160	033	I X10MINTO	B20/F1		
B2AD2PEO	MSPPB2	04-152	021	I ADD2PEO	B19/E0		
B2AD2PEO	MMPB2	04-160	021	IO ADD2PEO	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</				

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25 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
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	IO	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	XADDPH	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	
B2ADDPH	MSPPB2	04-152	156	IO	XADDPH	B19/E0	
B2ADDPH	MMPB2	04-160	156	IO	XADDPH	B20/F1	
B2ALWPGO	MSPPB2	04-152	020	O	XALWPGEO	B19/E0	
B2ALWPGO	MMPB2	04-160	020	I	XALWPGEO	B20/F1	
B2CLESRO	MSPPB2	04-152	133	O	XCLRESRO	B19/E0	
B2CLESRO	MMPB2	04-160	133	I	XCLRESRO	B20/F1	
B2CLK4M2	MSPPB2	04-152	043	O	XCLK4HM2	B19/E0	
B2CLK4M2	MMPB2	04-160	043	I	XCLK4HM2	B20/F1	
B2CLK86	MSPPB2	04-152	355	O	XCLK86	B19/E0	
B2CLK86	MMPB2	04-160	355	IO	NC	B20/F1	
B2CMINTO	MSPPB2	04-152	120	O	CMINTO	B19/E0	
B2CMINTO	MMPB2	04-160	120	I	CMINTO	B20/F1	
B2CNTWSO	MSPPB2	04-152	036	I	CONTWSO	B19/E0	
B2CNTWSO	MMPB2	04-160	036	IO	KCONTWSO	B20/F1	
B2CONWSO	MSPPB2	04-152	136	O	XDRYWATO	B19/E0	
B2CONWSO	MMPB2	04-160	136	I	XDRYWATO	B20/F1	
B2CSA0	MSPPB2	04-152	202	O	CSA0	B19/E0	
B2CSA0	04-174	04-174	018	O		B24/C5 *	
B2CSWINDO	MSPPB2	04-152	143	O	XCSWINDO	B19/E0	
B2CSWINDO	MMPB2	04-160	143	I	XCSWINDO	B20/F1	
B2D86TR	MSPPB2	04-152	140	O	XD86T1RO	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	

26 LEAD INDEX (CONTINUED)							
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	XDLYDIRO	B19/E0	
B2DLYDIR	MMPB2	04-160	318	IO	XDLYDIRO	B20/F1	
B2DRLRHW	MSPPB2	04-152	137	O	XDRLRHW	B19/E0	
B2DRLRHW	MMPB2	04-160	137	I	XDRLRHW	B20/F1	
B2EYBTO	MSPPB2	04-152	134	I	ENBYBTO	B19/E0	
B2EYBTO	MMPB2	04-160	134	IO	XENBYBTO	B20/F1	
B2EHBYTO	MSPPB2	04-152	035	I	ENHYBYTO	B19/E0	
B2EHBYTO	MMPB2	04-160	035	IO	NC	B20/F1	
B2ELBYTO	MSPPB2	04-152	034	I	ENLBYTO	B19/E0	
B2ELBYTO	MMPB2	04-160	034	O	XENLBYTO	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	XFUNCN1	B19/E0	
B2FUNCN1	MMPB2	04-160	122	I	XFUNCN1	B20/F1	
B2HLDAK0	MSPPB2	04-152	139	O	XHLDAK0	B19/E0	
B2HLDAK0	MMPB2	04-160	139	I	XHLDAK0	B20/F1	
B2HLDRQ0	MSPPB2	04-152	039	I	XHLDRQ0	B19/E0	
B2HLDRQ0	MMPB2	04-160	039	O	XHLDRQ0	B20/F1	
B2INTAK0	MSPPB2	04-152	138	O	XINTACK0	B19/E0	
B2INTAK0	MMPB2	04-160	138	I	XINTACK0	B20/F1	
B2INTRO	MSPPB2	04-152	302	O	INTRO	B19/E0	
B2INTRO	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	
B2LATCHO	MSPPB2	04-152	135	O	XLATCHO	B19/E0	
B2LATCHO	MMPB2	04-160	135	I	XLATCHO	B20/F1	
B2MELI00	MSPPB2	04-152	040	O	XMELI00	B19/E0	
B2MELI00	MMPB2	04-160	040	I	XMELI00	B20/F1	
B2MEMRDO	MSPPB2	04-152	042	IO	XMEMRDO	B19/E0	
B2MEMRDO	MMPB2	04-160	042	O	XMEMRDO	B20/F1	
B2MEMWTO	MSPPB2	04-152	142	IO	XMEMWTO	B19/E0	
B2MEMWTO	MMPB2	04-160	142	O	XMEMWTO	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	
B2PARERO	MSPPB2	04-152	121	I	DAT2PEO	B19/E0	
B2PARERO	MMPB2	04-160	121	O	DAT2PEO	B20/F1	
B2PBHEO	MSPPB2	04-152	018	I	PBHEO	B19/E0	
B2PBHEO	MMPB2	04-160	018	O	PBHEO	B20/F1	
B2PCSELO	MSPPB2	04-152	305	I	PCSELO	B19/E0	
B2PCSELO	04-175	04-175	005	I		B24/C8 *	
B2PNPCSO	MSPPB2	04-152	119	I	PUNPCSO	B19/E0	
B2PNPCSO	MMPB2	04-160	119	IO	NC	B20/F1	
B2PWRSTO	MSPPB2	04-152	022	O	XPWRSTO	B19/E0	
B2PWRSTO	MMPB2	04-160	022	I	XPWRSTO	B20/F1	
B2RASOK1	MSPPB2	04-152	019	I	RA5OK1	B19/E0	
B2RASOK1	MMPB2	04-160	019	IO	NC	B20/F1	
B2SR0	MSPPB2	04-152	002	O	SR0	B19/E0	

27 LEAD INDEX (CONTINUED)							
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	MMPB2	04-152	316	IO	NC		B19/E0
B2TVLPD	MSPPB2	04-152	214	IO	NC		B19/E0
B2TVLPD	MMPB2	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	X10MSINT0		B22/F1
B3AD2PEO	MSPPB3	04-168	021	I	ADD2PEO		B21/F0
B3AD2PEO	MMPB3	04-176	021	IO	ADD2PEO		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-					

28 LEAD INDEX (CONTINUED)							
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	IO	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	XADDPH	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
B3ADDPH	MSPPB3		04-168	156	IO	XADDPH	B21/F0
B3ADDPH	MMPB3		04-176	156	IO	XADDPH	B22/F1
B3ALWPGO	MSPPB3		04-168	020	O	XALWPGEO	B21/F0
B3ALWPGO	MMPB3		04-176	020	I	XALWPGEO	B22/F1
B3CLESRO	MSPPB3		04-168	133	O	XCLESRO	B21/F0
B3CLESRO	MMPB3		04-176	133	I	XCLESRO	B22/F1
B3CLK4M2	MSPPB3		04-168	043	O	XCLK4M2	B21/F0
B3CLK4M2	MMPB3		04-176	043	I	XCLK4M2	B22/F1
B3CLK86	MSPPB3		04-168	355	O	XCLK86	B21/F0
B3CLK86	MMPB3		04-176	355	IO	NC	B22/F1
B3CMINTO	MSPPB3		04-168	120	O	CMINTO	B21/F0
B3CMINTO	MMPB3		04-176	120	I	CMINTO	B22/F1
B3CNTWSO	MSPPB3		04-168	036	I	CONTWSO	B21/F0
B3CNTWSO	MMPB3		04-176	036	IO	XCNTWSO	B22/F1
B3CONWSO	MSPPB3		04-168	136	O	XDRYWATO	B21/F0
B3CONWSO	MMPB3		04-176	136	I	XDRYWATO	B22/F1
B3CSA0	MSPPB3		04-168	202	O	CSA0	B21/F0
B3CSA0	MMPB3		04-174	019	O		B24/C5 *
B3CSWINDO	MSPPB3		04-168	143	O	XCSWINDO	B21/F0
B3CSWINDO	MMPB3		04-176	143	I	XCSWINDO	B22/F1
B3D86TR	MSPPB3		04-168	140	O	XD86T1RO	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	DATPHI	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	XDLYDIR	B21/F0
B3DLYDIR	MMPB3		04-176	318	IO	XDLYDIR	B22/F1
B3DRLRHW	MSPPB3		04-168	137	O	XDIRLRHW	B21/F0

29 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
B3DRLRHW	MMPB3		04-176	137	I	XDIRLRHW	B22/F1
B3EYBYTO	MSPPB3		04-168	134	I	ENBYBYTO	B21/F0
B3EYBYTO	MMPB3		04-176	134	IO	XENBYBYTO	B22/F1
B3EHBYTO	MSPPB3		04-168	035	I	ENHYBYTO	B21/F0
B3EHBYTO	MMPB3		04-176	035	IO	NC	B22/F1
B3ELBYTO	MSPPB3		04-168	034	I	ENLOBYTO	B21/F0
B3ELBYTO	MMPB3		04-176	034	O	XENLBYTO	B22/F1
B3ERR0	MSPPB3		04-168	102	O	ERR0	B21/F0
B3ERR0	MMPB3		04-174	010	O		B24/C5 *
B3FUNCN1	MSPPB3		04-168	122	O	XFUNCN1	B21/F0
B3FUNCN1	MMPB3		04-176	122	I	XFUNCN1	B22/F1
B3HLDACKO	MSPPB3		04-168	139	O	XHLDAKCO	B21/F0
B3HLDACKO	MMPB3		04-176	139	I	XHLDAKCO	B22/F1
B3HLDRQO	MSPPB3		04-168	039	I	XHLDRQO	B21/F0
B3HLDRQO	MMPB3		04-176	039	O	XHLDRQO	B22/F1
B3INTAKO	MSPPB3		04-168	138	O	XINTAKCO	B21/F0
B3INTAKO	MMPB3		04-176	138	I	XINTAKCO	B22/F1
B3INTRO	MSPPB3		04-168	302	O	INTRO	B21/F0
B3INTRO	MMPB3		04-180	023	O		B24/G1 *
B3INTRQO	MSPPB3		04-168	038	I	XINTREQO	B21/F0
B3INTRQO	MMPB3		04-176	038	O	XINTREQO	B22/F1
B3IORDO	MSPPB3		04-168	041	O	XIORDO	B21/F0
B3IORDO	MMPB3		04-176	041	I	XIORDO	B22/F1
B3IOWTO	MSPPB3		04-168	141	O	XIOWTO	B21/F0
B3IOWTO	MMPB3		04-176	141	I	XIOWTO	B22/F1
B3LATCHO	MSPPB3		04-168	135	O	XLATCHO	B21/F0
B3LATCHO	MMPB3		04-176	135	I	XLATCHO	B22/F1
B3MELIOO	MSPPB3		04-168	040	O	XMEMLIOO	B21/F0
B3MELIOO	MMPB3		04-176	040	I	XMEMLIOO	B22/F1
B3MEMRDO	MSPPB3		04-168	042	IO	XMEMRDO	B21/F0
B3MEMRDO	MMPB3		04-176	042	O		B22/F1
B3MEMWTO	MSPPB3		04-168	142	IO	XMEMWTO	B21/F0
B3MEMWTO	MMPB3		04-176	142	O	XMEMWTO	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
B3PARERO	MSPPB3		04-168	121	I	DAT2PEO	B21/F0
B3PARERO	MMPB3		04-176	121	O	DAT2PEO	B22/F1
B3PBHEO	MSPPB3		04-168	018	I	PBHEO	B21/F0
B3PBHEO	MMPB3		04-176	018	O	PBHEO	B22/F1
B3PCSELO	MSPPB3		04-168	305	I	PCSELO	B21/F0
B3PCSELO	MMPB3		04-175	006	O		B24/C8 *
B3PMPCSO	MSPPB3		04-168	119	I	PUMPCSO	B21/F0
B3PMPCSO	MMPB3		04-176	119	IO	NC	B22/F1
B3PWRSTO	MSPPB3		04-168	022	O	XPWRSTO	B21/F0
B3PWRSTO	MMPB3		04-176	022	I	XPWRSTO	B22/F1
B3RASOK1	MSPPB3		04-168	019	I	RA5OK1	B21/F0
B3RASOK1	MMPB3		04-176	019	IO	NC	B22/F1
B3SRO	MSPPB3		04-168	002	O	SR0	B21/F0
B3SRO	MMPB3		04-174	023	O		B24/D5 *
B3TVLPB	MSPPB3		04-168	216	IO	NC	B21/F0
B3TVLPB	MMPB3		04-168	316	IO	NC	B21/F0
B3TVLPD	MSPPB3		04-168	214	IO	NC	B21/F0
B3TVLPD	MMPB3		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

30 LEAD INDEX (CONTINUED)							
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 *
BCLKIN	MMPB0		04-128	240	I	1CLKN	B16/F1
BCLKIN	MMPB1		04-144	240	I	1CLKN	B18/F1
BCLKIN	MMPB2		04-160	240	I	1CLKN	B20/F1
BCLKIN	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 *
BCMDINTO	MSPPB0		04-120	303	I	CMDINTO	B15/F0
BCMDINTO	MSPPB1		04-136	303	I	CMDINTO	B17/F0
BCMDINTO	MSPPB2		04-152	303	I	CMDINTO	B19/E0
BCMDINTO	MSPPB3		04-168	303	I	CMDINTO	B21/F0
BCMDINTO	MMPB0		04-175	020	I		B24/B8 *
BCURPRO	BPWRCONV		04-112	017	IO	BCURPRO	B14/F1
BCURPRO	MSPPB0		04-120	012	IO	NCURPR	B15/F0
BCURPRO	MMPB0		04-128	112	IO	XCURPR	B16/F1
BCURPRO	MSPPB1		04-136	012	IO	NCURPR	B17/F0
BCURPRO	MMPB1		04-144	112	IO	XCURPR	B18/F1
BCURPRO	MSPPB2		04-152	012	IO	NCURPR	B19/E0
BCURPRO	MMPB2		04-160	112	IO	XCURPR	B20/F1
BCURPRO	MSPPB3		04-168	012	IO	NCURPR	B21/F0
BCURPRO	MMPB3		04-176	112	IO	XCURPR	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

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31 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMOD	SYMLOC XT
BDMAAD00	MSPPB 3	04-168	009	I	DMAAD001	B21/F0	
BDMAAD00	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	010	I			B24/F1	*
BDMAAD00	MSPPB0	04-120	005	I	DMADA001	B15/F0	
BDMAAD00	MSPPB1	04-136	005	I	DMADA001	B17/F0	

32 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMOD	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	*
BDMAOPCO	MSPPB0	04-120	104	I	DMAOPCO	B15/F0	
BDMAOPCO	MSPPB1	04-136	104	I	DMAOPCO	B17/F0	
BDMAOPCO	MSPPB2	04-152	104	I	DMAOPCO	B19/E0	
BDMAOPCO	MSPPB3	04-168	104	I	DMAOPCO	B21/F0	
BDMAOPCO	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	*
BDMAWTO	MSPPB0	04-120	304	I	DMAWTO	B15/F0	
BDMAWTO	MSPPB1	04-136	304	I	DMAWTO	B17/F0	
BDMAWTO	MSPPB2	04-152	304	I	DMAWTO	B19/E0	
BDMAWTO	MSPPB3	04-168	304	I	DMAWTO	B21/F0	
BDMAWTO	04-175	04-175	016	I		B24/C8	*
BNITPCO	MSPPB0	04-120	203	I	INITPCO	B15/F0	
BNITPCO	MSPPB1	04-136	203	I	INITPCO	B17/F0	
BNITPCO	MSPPB2	04-152	203	I	INITPCO	B19/E0	
BNITPCO	MSPPB3	04-168	203	I	INITPCO	B21/F0	
BNITPCO	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	

34 LEAD INDEX (CONTINUED)							
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	006	P	VCC	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 ORDATAN	B16/F1		
BRDATA0N	MMPB1	04-144	237	I ORDATAN	B18/F1		
BRDATA0N	MMPB2	04-160	237	I ORDATAN	B20/F1		
BRDATA0N	MMPB3	04-176	237	I ORDATAN	B22/F1	*	
BRDATA0P	MMPB0	04-128	337	I ORDATAP	B16/F1		
BRDATA0P	MMPB1	04-144	337	I ORDATAP	B18/F1		
BRDATA0P	MMPB2	04-160	337	I ORDATAP	B20/F1		
BRDATA0P	MMPB3	04-176	337	I ORDATAP	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	*	
BRISOLO	MSPPB0	04-120	103	I RISOLO	B15/F0		
BRISOLO	MSPPB1	04-136	103	I RISOLO	B17/F0		
BRISOLO	MSPPB2	04-152	103	I RISOLO	B19/E0		
BRISOLO	MSPPB3	04-168	103	I RISOLO	B21/F0		
BRISOLO	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		

35 LEAD INDEX (CONTINUED)							
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		
BSCX3BOR	04-006	04-006	049	O	B12/D1	*	
BSCX3BOR	BMSPUCD	04-096	054	O SCX3BOR	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		
BSCY3BOR	04-006	04-006	048	O	B12/D1	*	
BSCY3BOR	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		
BSISOLO	MSPPB0	04-120	003	I SISOLO	B15/F0		
BSISOLO	MSPPB1	04-136	003	I SISOLO	B17/F0		
BSISOLO	MSPPB2	04-152	003	I SISOLO	B19/E0		
BSISOLO	MSPPB3	04-168	003	I SISOLO	B21/F0		
BSISOLO	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 OSYNCN	B16/F1		
BSYNC0P	MMPB1	04-144	334	I OSYNCN	B18/F1		
BSYNC0P	MMPB2	04-160	334	I OSYNCN	B20/F1		
BSYNC0P	MMPB3	04-176	334	I OSYNCN	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 OSYNCN	B16/F1		
BSYNC1P	MMPB1	04-144	339	I OSYNCN	B18/F1		
BSYNC1P	MMPB2	04-160	339	I OSYNCN	B20/F1		
BSYNC1P	MMPB3	04-176	339	I OSYNCN	B22/F1	*	
BTDATA0N	MMPB0	04-128	236	O OTDATAN	B16/F1		
BTDATA0N	MMPB1	04-144	236	O OTDATAN	B18/F1		
BTDATA0N	MMPB2	04-160	236	O OTDATAN	B20/F1		
BTDATA0N	MMPB3	04-176	236	O OTDATAN	B22/F1	*	
BTDATA0P	MMPB0	04-128	336	O OTDATAP	B16/F1		
BTDATA0P	MMPB1	04-144	336	O OTDATAP	B18/F1		
BTDATA0P	MMPB2	04-160	336	O OTDATAP	B20/F1		
BTDATA0P	MMPB3	04-176	336	O OTDATAP	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		

36 LEAD INDEX (CONTINUED)							
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	01-0					

43 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMOD	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/E1	*	
GRD	MMPB3	04-176	023	G GRD	B22/E1	*	
GRD	MMPB3	04-176	024	G GRD	B22/E1	*	
GRD	MMPB3	04-176	032	G GRD	B22/E1	*	
GRD	MMPB3	04-176	044	G GRD	B22/E1	*	
GRD	MMPB3	04-176	045	G GRD	B22/E1	*	
GRD	MMPB3	04-176	123	G GRD	B22/E1	*	
GRD	MMPB3	04-176	124	G GRD	B22/E1	*	
GRD	MMPB3	04-176	132	G GRD	B22/E1	*	
GRD	MMPB3	04-176	144	G GRD	B22/E1	*	
GRD	MMPB3	04-176	145	G GRD	B22/E1	*	
GRD	MMPB3	04-176	200	G GRD	B22/E1	*	
GRD	MMPB3	04-176	201	G GRD	B22/E1	*	
GRD	MMPB3	04-176	211	G GRD	B22/E1	*	
GRD	MMPB3	04-176	212	G GRD	B22/E1	*	
GRD	MMPB3	04-176	244	G GRD	B22/E1	*	
GRD	MMPB3	04-176	245	G GRD	B22/E1	*	
GRD	MMPB3	04-176	256	G GRD	B22/E1	*	
GRD	MMPB3	04-176	300	G GRD	B22/E1	*	
GRD	MMPB3	04-176	301	G GRD	B22/E1	*	
GRD	MMPB3	04-176	311	G GRD	B22/E1	*	
GRD	MMPB3	04-176	312	G GRD	B22/E1	*	
GRD	MMPB3	04-176	344	G GRD	B22/E1	*	
GRD	MMPB3	04-176	345	G GRD	B22/E1	*	
GRD	MMPB3	04-176	356	G GRD	B22/E1	*	
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	*	

44 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMOD	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	*	
MANOVRO	04-007	04-007	021	O	B12/D3	*	
MANOVRO	04-007	04-007	024	O	B12/E3	*	
MANOVRO	AMSPUCD	04-008	135	O SCV0	B1/F2	*	
MANOVRO	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 SCVRTNO	B1/F2	*	
MANOVRR0	BMSPUCD	04-096	035	O SCVRTNO	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
Lucent Technologies	SD-5D078-01	SHEET A19

P/O FS 1

POWER CONVERTER

11E4	A-48PWR	0005	B-48PWR	0000	CRD
11E4	A-48PWR	0007	B-48PWR	0001	CRD
11E4	A-48PWR	0008	B-48PWR	0003	CRD
11E4	AP5V0	019	B-48PWR	0004	A-48RTN 11E4
	AP5V0	045	BP5V0	0005	A-48RTN 11E4
	AP5V0	046	BP5V0	0011	ARSI 1C5
	AP5V0	047	BP5V0	0012	AINT1 1G5
	AP5V0	048	BP5V0	0014	AALMC2 1G5
	AP5V0	049	BP5V0	0015	ACOS-H 1G4
	AP5V0	050	BP5V0	0017	ACLURPR0 10C3
	AP5V0	051	BP5V0	0018	ARVS
	AP5V0	052	BP5V0	0032	CRD
	AP5V0	053	BP5V0	0033	CRD
	AP5V0	054	BP5V0	0034	CRD
	AP5V0	055	BP5V0	0035	CRD
	AP5V0	056	BP5V0	0036	CRD
	AP5V0	057	BP5V0	0037	CRD
	AP5V0	058	BP5V0	0038	CRD
	AP5V0	059	BP5V0	0039	CRD
	AP5V0	060	BP5V0	0040	CRD
	AP5V0	061	BP5V0	0041	CRD
	AP5V0	062	BP5V0	0042	CRD
	AP5V0	063	BP5V0	0043	CRD
	AP5V0	064	BP5V0	0044	CRD
	AP5V0	065	BP5V0	0045	CRD
	AP5V0	066	BP5V0	0046	CRD
	AP5V0	067	BP5V0	0047	CRD
	AP5V0	068	BP5V0	0048	CRD
	AP5V0	069	BP5V0	0049	CRD
	AP5V0	070	BP5V0	0050	CRD
	AP5V0	071	BP5V0	0051	CRD
	AP5V0	072	BP5V0	0052	CRD
	AP5V0	073	BP5V0	0053	CRD
	AP5V0	074	BP5V0	0054	CRD
	AP5V0	075	BP5V0	0055	CRD
	AP5V0	076	BP5V0	0056	CRD
11E4	A-48PWR	106	B-48PWR	0101	CRD
11E4	A-48PWR	107	B-48PWR	0102	A-48RTN 11E4
11E4	A-48PWR	108	B-48PWR	0103	A-48RTN 11E4
	AP5V0	145	BP5V0	0104	A-48RTN 11E4
	AP5V0	146	BP5V0	0109	ARSI 1C2
	AP5V0	147	BP5V0	0110	ARS2 1G5
	AP5V0	148	BP5V0	0112	AINT0 1C5
	AP5V0	149	BP5V0	0113	AALMC1 1C5, 1G5
	AP5V0	150	BP5V0	0115	ACOS-H 1C5
	AP5V0	151	BP5V0	0117	ACLURPR1 10C1
	AP5V0	152	BP5V0	0118	ARVS
	AP5V0	153	BP5V0	0119	CRD
	AP5V0	154	BP5V0	0120	CRD
	AP5V0	155	BP5V0	0121	CRD
	AP5V0	156	BP5V0	0122	CRD
	AP5V0	157	BP5V0	0123	CRD
	AP5V0	158	BP5V0	0124	CRD
	AP5V0	159	BP5V0	0125	CRD
	AP5V0	160	BP5V0	0126	CRD
	AP5V0	161	BP5V0	0127	CRD
	AP5V0	162	BP5V0	0128	CRD
	AP5V0	163	BP5V0	0129	CRD
	AP5V0	164	BP5V0	0130	CRD
	AP5V0	165	BP5V0	0131	CRD
	AP5V0	166	BP5V0	0132	CRD
	AP5V0	167	BP5V0	0133	CRD
	AP5V0	168	BP5V0	0134	CRD
	AP5V0	169	BP5V0	0135	CRD
	AP5V0	170	BP5V0	0136	CRD
	AP5V0	171	BP5V0	0137	CRD
	AP5V0	172	BP5V0	0138	CRD
	AP5V0	173	BP5V0	0139	CRD
	AP5V0	174	BP5V0	0140	CRD
	AP5V0	175	BP5V0	0141	CRD
	AP5V0	176	BP5V0	0142	CRD
	AP5V0	177	BP5V0	0143	CRD
	AP5V0	178	BP5V0	0144	CRD
	AP5V0	179	BP5V0	0145	CRD
	AP5V0	180	BP5V0	0146	CRD
	AP5V0	181	BP5V0	0147	CRD
	AP5V0	182	BP5V0	0148	CRD
	AP5V0	183	BP5V0	0149	CRD
	AP5V0	184	BP5V0	0150	CRD
	AP5V0	185	BP5V0	0151	CRD
	AP5V0	186	BP5V0	0152	CRD
	AP5V0	187	BP5V0	0153	CRD
	AP5V0	188	BP5V0	0154	CRD
	AP5V0	189	BP5V0	0155	CRD
	AP5V0	190	BP5V0	0156	CRD
	AP5V0	191	BP5V0	0157	CRD
	AP5V0	192	BP5V0	0158	CRD
	AP5V0	193	BP5V0	0159	CRD
	AP5V0	194	BP5V0	0160	CRD
	AP5V0	195	BP5V0	0161	CRD
	AP5V0	196	BP5V0	0162	CRD
	AP5V0	197	BP5V0	0163	CRD
	AP5V0	198	BP5V0	0164	CRD
	AP5V0	199	BP5V0	0165	CRD
	AP5V0	200	BP5V0	0166	CRD
	AP5V0	201	BP5V0	0167	CRD
	AP5V0	202	BP5V0	0168	CRD
	AP5V0	203	BP5V0	0169	CRD
	AP5V0	204	BP5V0	0170	CRD
	AP5V0	205	BP5V0	0171	CRD
	AP5V0	206	BP5V0	0172	CRD
	AP5V0	207	BP5V0	0173	CRD
	AP5V0	208	BP5V0	0174	CRD
	AP5V0	209	BP5V0	0175	CRD
	AP5V0	210	BP5V0	0176	CRD
	AP5V0	211	BP5V0	0177	CRD
	AP5V0	212	BP5V0	0178	CRD
	AP5V0	213	BP5V0	0179	CRD
	AP5V0	214	BP5V0	0180	CRD
	AP5V0	215	BP5V0	0181	CRD
	AP5V0	216	BP5V0	0182	CRD
	AP5V0	217	BP5V0	0183	CRD
	AP5V0	218	BP5V0	0184	CRD
	AP5V0	219	BP5V0	0185	CRD
	AP5V0	220	BP5V0	0186	CRD
	AP5V0	221	BP5V0	0187	CRD
	AP5V0	222	BP5V0	0188	CRD
	AP5V0	223	BP5V0	0189	CRD
	AP5V0	224	BP5V0	0190	CRD
	AP5V0	225	BP5V0	0191	CRD
	AP5V0	226	BP5V0	0192	CRD
	AP5V0	227	BP5V0	0193	CRD
	AP5V0	228	BP5V0	0194	CRD
	AP5V0	229	BP5V0	0195	CRD
	AP5V0	230	BP5V0	0196	CRD
	AP5V0	231	BP5V0	0197	CRD
	AP5V0	232	BP5V0	0198	CRD
	AP5V0	233	BP5V0	0199	CRD
	AP5V0	234	BP5V0	0200	CRD
	AP5V0	235	BP5V0	0201	CRD
	AP5V0	236	BP5V0	0202	CRD
	AP5V0	237	BP5V0	0203	CRD
	AP5V0	238	BP5V0	0204	CRD
	AP5V0	239	BP5V0	0205	CRD
	AP5V0	240	BP5V0	0206	CRD
	AP5V0	241	BP5V0	0207	CRD
	AP5V0	242	BP5V0	0208	CRD
	AP5V0	243	BP5V0	0209	CRD
	AP5V0	244	BP5V0	0210	CRD
	AP5V0	245	BP5V0	0211	CRD
	AP5V0	246	BP5V0	0212	CRD
	AP5V0	247	BP5V0	0213	CRD
	AP5V0	248	BP5V0	0214	CRD
	AP5V0	249	BP5V0	0215	CRD
	AP5V0	250	BP5V0	0216	CRD
	AP5V0	251	BP5V0	0217	CRD
	AP5V0	252	BP5V0	0218	CRD
	AP5V0	253	BP5V0	0219	CRD
	AP5V0	254	BP5V0	0220	CRD
	AP5V0	255	BP5V0	0221	CRD
	AP5V0	256	BP5V0	0222	CRD
	AP5V0	257	BP5V0	0223	CRD
	AP5V0	258	BP5V0	0224	CRD
	AP5V0	259	BP5V0	0225	CRD
	AP5V0	260	BP5V0	0226	CRD
	AP5V0	261	BP5V0	0227	CRD
	AP5V0	262	BP5V0	0228	CRD
	AP5V0	263	BP5V0	0229	CRD
	AP5V0	264	BP5V0	0230	CRD
	AP5V0	265	BP5V0	0231	CRD
	AP5V0	266	BP5V0	0232	CRD
	AP5V0	267	BP5V0	0233	CRD
	AP5V0	268	BP5V0	0234	CRD
	AP5V0	269	BP5V0	0235	CRD
	AP5V0	270	BP5V0	0236	CRD
	AP5V0	271	BP5V0	0237	CRD
	AP5V0	272	BP5V0	0238	CRD
	AP5V0	273	BP5V0	0239	CRD
	AP5V0	274	BP5V0	0240	CRD
	AP5V0	275	BP5V0	0241	CRD
	AP5V0	276	BP5V0	0242	CRD
	AP5V0	277	BP5V0	0243	CRD
	AP5V0	278	BP5V0	0244	CRD
	AP5V0	279	BP5V0	0245	CRD
	AP5V0	280	BP5V0	0246	CRD
	AP5V0	281	BP5V0	0247	CRD
	AP5V0	282	BP5V0	0248	CRD
	AP5V0	283	BP5V0	0249	CRD
	AP5V0	284	BP5V0	0250	CRD
	AP5V0	285	BP5V0	0251	CRD
	AP5V0	286	BP5V0	0252	CRD
	AP5V0	287	BP5V0	0253	CRD
	AP5V0	288	BP5V0	0254	CRD
	AP5V0	289	BP5V0	0255	CRD
	AP5V0	290	BP5V0	0256	CRD
	AP5V0	291	BP5V0	0257	CRD
	AP5V0	292	BP5V0	0258	CRD
	AP5V0	293	BP5V0	0259	CRD
	AP5V0	294	BP5V0	0260	CRD
	AP5V0	295	BP5V0	0261	CRD
	AP5V0	296	BP5V0	0262	CRD
	AP5V0	297	BP5V0	0263	CRD
	AP5V0	298	BP5V0	0264	CRD
	AP5V0	299	BP5V0	0265	CRD
	AP5V0	300	BP5V0	0266	CRD
	AP5V0	301	BP5V0	0267	CRD
	AP5V0	302	BP5V0	0268	CRD
	AP5V0	303	BP5V0	0269	CRD
	AP5V0	304	BP5V0	0270	CRD
	AP5V0	305	BP5V0	0271	CRD
	AP5V0	306	BP5V0	0272	CRD
	AP5V0	307	BP5V0	0273	CRD
	AP5V0	308	BP5V0	0274	CRD
	AP5V0	309	BP5V0	0275	CRD
	AP5V0	310	BP5V0	0276	CRD
	AP5V0				

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MESSAGE SWITCH PERIPHERAL PROCESSOR 0

AP5V0	000	VCC	
AP5V0	001	VCC	
ASISOLA	003	SISOLA	
ATMART20	004	DMAREQ0	
ADMADAO0	005	DMADAO01	
ADMADAO2	006	DMADAO21	
ADMADAO4	007	DMADAO41	
ADMADAO6	008	DMADAO61	
ADMADAO8	009	DMADAO81	
ADMADAO10	010	DMADAO101	
ADMADAO12	011	DMADAO121	
ADMADAO14	012	DMADAO141	
ADMADAO16	013	DMADAO161	
ADMADAO18	014	DMADAO181	
ADMADAO20	015	DMADAO201	
ADMADAO22	016	DMADAO221	
ADMADAO24	017	DMADAO241	
APBHE0	018	PRHE0	
APRASCK1	019	RASCK1	
ADAD2PE0	021	AD2PE0	
ADLBXYT0	034	FN1CRBYT0	
ADBEHYT0	035	ENHBYT0	
ACNTWS0	036	CONWS0	
AOP1IN	037	P1IN	
AOP1R00	038	XINTREQ0	
ABLDREQ0	039	XHLDRREQ0	
AP5V0	100	VCC	
AP5V0	101	VCC	
ARISOLA	103	RISOLA	
ADMARPC0	104	EMARPC0	
ADMARPC1	105	EMARPC1	
ADMARPC2	106	EMARPC2	
ADMARPC3	107	EMARPC3	
ADMARPC4	108	EMARPC4	
ADMARPC5	109	EMARPC5	
ADMARPC6	110	EMARPC6	
ADMARPC7	111	EMARPC7	
ADMARPC8	112	EMARPC8	
ADMARPC9	113	EMARPC9	
ADMARPC10	114	EMARPC10	
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ADMAD416	213	EMAD4161	
ADMAD418	214	EMAD4181	
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ADMAD422	216	EMAD4221	
ADMAD424	217	EMAD4241	
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ADMAD436	223	EMAD4361	
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ADMAD442	226	EMAD4421	
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ADMAD448	229	EMAD4481	
ADMAD450	230	EMAD4501	
ADMAD452	231	EMAD4521	
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ADMAD458	234	EMAD4581	
ADMAD460	235	EMAD4601	
ADMAD462	236	EMAD4621	
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ADMAD472	241	EMAD4721	
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ADMAD476	243	EMAD4761	
ADMAD478	244	EMAD4781	
ADMAD480	245	EMAD4801	
ADMAD482	246	EMAD4821	
ADMAD484	247	EMAD4841	
ADMAD486	248	EMAD4861	
ADMAD488	249	EMAD4881	
ADMAD490	250	EMAD4901	
ADMAD492	251	EMAD4921	
ADMAD494	252	EMAD4941	
ADMAD496	253	EMAD4961	
ADMAD498	254	EMAD4981	
ADMAD500	255	EMAD5001	
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ADMAD504	257	EMAD5041	
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ADMAD512	261	EMAD5121	
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ADMAD528	269	EMAD5281	
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ADMAD536	273	EMAD5361	
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ADMAD636	323	EMAD6361	
ADMAD638	324	EMAD6381	
ADMAD640	325	EMAD6401	
ADMAD642	326	EM	

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MODULE MESSAGE PROCESSOR 2

002	SELB	CRD
003	SFLA	CRD
012	XCLRPR1	ACTLRPR1 10C1
018	PHREN	A2PBHE0 7C2
019	NE	A2RASC0 7C2
021	ADD2FE0	A2AD2FE0 7C2
023	CRD	CRD
024	CRD	CRD
032	CRD	CRD
034	XFNRYT0	A2ELBYT0 7C2
035	NE	A2EHYT0 7C2
036	XCONTWS0	A2CNTWS0 7C2
037	CRD	A2PTIN 7C2
038	XINTREQ0	A2INTREQ0 7C2
039	XHLDRF00	A2HLDR00 7C2
042	XMEMR001	A2MEMR00 7C1
044	CRD	CRD
045	CRD	CRD
046	XADIR0	A2ADIR0 7C2
047	XADIR0	A2ADIR0 7C2
048	XADIR0	A2ADIR0 7C2
049	XADIR0	A2ADIR0 7C2
050	XADIR0	A2ADIR0 7C2
051	XADIR0	A2ADIR0 7C2
052	XADIR0	A2ADIR0 7C2
053	XADIR0	A2ADIR0 7C2
054	XADIR0	A2ADIR0 7C2
055	XADIR0	A2ADIR0 7C2
056	XADIR0	A2ADIR0 7C2
112	XCLRPR0	ACTLRPR0 10C3
118	NE	A2PZIN 7C3
119	NE	A2PAPCS0 7G3
121	NE	A2PARE0 7G4
123	CRD	CRD
124	CRD	CRD
132	CRD	CRD
134	XFNRYT0	A2EHYT0 7G4
140	NE	A2DRGTR 7C3
142	NE	A2MEMR00 7C4
144	CRD	CRD
145	CRD	CRD
146	XADIR0	A2ADIR0 7C4
147	XADIR0	A2ADIR0 7C4
148	XADIR0	A2ADIR0 7C4
149	XADIR0	A2ADIR0 7C4
150	XADIR0	A2ADIR0 7C4
151	XADIR0	A2ADIR0 7C4
152	XADIR0	A2ADIR0 7C4
153	XADIR0	A2ADIR0 7C4
154	XADIR0	A2ADIR0 7C4
155	XADIR0	A2ADIR0 7C5
156	XADIR0	A2ADIR0 7C5
200	CRD	CRD
201	CRD	CRD
211	CRD	CRD
212	CRD	CRD
218	CRD	CRD
236	ITDATAN	A2PZIN 7G4
236	ITDATAN	ATDATAN 4C5
241	ITDATAN	ATDATAN 4C5
244	CRD	CRD
245	CRD	CRD
246	XDATAP0	A2DATAP0 7G5
247	XDATAP0	A2DATAP0 7G5
248	XDATAP0	A2DATAP0 7G5
249	XDATAP0	A2DATAP0 7G5
250	NE	A2WDAT00 7G5
251	NE	A2WDAT10 7G5
252	NE	A2WDAT12 7G5
253	NE	A2WDAT14 7G5
254	XDATP0	A2DATP0 7G5
255	XADIR0	A2ADIR0 7C6
256	CRD	CRD
300	CRD	CRD
301	CRD	CRD
311	CRD	CRD
312	CRD	CRD
318	XDLYDR0	A2LYDR0 7G6
336	ITDATAP	ATDATAP 4C7
341	ITDATAP	ATDATAP 4C7
344	CRD	CRD
345	CRD	CRD
346	XDATAP0	A2DATAP0 7G6
347	XDATAP0	A2DATAP0 7G6
348	XDATAP0	A2DATAP0 7G6
349	XDATAP0	A2DATAP0 7G6
350	NE	A2WDAT09 7G6
351	NE	A2WDAT11 7G7
352	NE	A2WDAT13 7G7
353	NE	A2WDAT15 7G7
354	NE	A2WDATPH 7G7
355	NE	A2CLK06 7C7
356	CRD	CRD

MMPA2
04-072
TN870

000	AFSYD	YCC
001	AFSYD	YCC
020	A2AWR0	XALWR000
022	A2PWS0	XPPWS000
033	A2I0INT0	XI0INT00
040	A2MET000	XMEM0000
041	A2I0R0D0	XI0R0D0
043	A2CLK0M0	XCLK0M0Z
100	AFSYD	YCC
101	AFSYD	YCC
120	A2CMINT0	XCMINT00
122	A2FJNCN0	XFJNCN00
133	A2CLRES0	XCLRES00
135	A2LATCH0	XLATCH00
136	A2CONW00	XCONW000
137	A2PRETR0W	XPRETR0W
138	A2INTAK0	XINTAK00
139	A2HLDACK0	XHLDACK0
141	A2X0W0T0	XI0W0T0
143	A2CSW0ND0	XCSW0ND0
210	AFSYD	YCC
234	ASYNCN	YCC
235	ACLKN	YCC
237	ARDATAMN	YCC
239	ASYNCN	YCC
240	ACLKN	YCC
242	ARDATAMN	YCC
310	AFSYD	YCC
334	ASYNCN	YCC
335	ACLKN	YCC
337	ARDATAMN	YCC
339	ASYNCN	YCC
340	ACLKN	YCC
342	ARDATAMN	YCC

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3		
DWG SIZE C2	ISSUE 6M	
Lucent Technologies	SD-5D078-01	SHEET B8

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MESSAGE SWITCH PERIPHERAL PROCESSOR 3

AP5V0	000	VCC	
AP5V0	001	VCC	
ASISOL0	003	SISOL0	
ADMARF03	004	DMAREQ0	
ADMADAM0	005	DMADAM0	
ADMADAM2	006	DMADAM2	
ADMADAM4	007	DMADAM4	
ADMADAM6	008	DMADAM6	
ADMADAM8	009	DMADAM8	
ADMADAM0	010	DMADAM0	
ADMADAM2	011	DMADAM2	
ADMADAM4	012	DMADAM4	
ADMADAM6	013	DMADAM6	
ADMADAM8	014	DMADAM8	
ATMAAD10	015	DMADAM10	
ATMAAD12	016	DMADAM12	
ATMAAD14	017	DMADAM14	
ATMAAD18	018	PRHE0	
ATMAAD19	019	RASOK1	
ASAD2PE0	021	ADD2PE0	
AHELBYT0	024	FNLCRYT0	
AHEHYT0	025	ENHRYT0	
ASCNTWS0	026	CONTWS0	
A3PIN	027	PIN	
ASNTREQ0	028	XINTREQ0	
AHLDR00	029	XHLDR00	
AP5V0	100	VCC	
AP5V0	101	VCC	
ARISOL0	103	RISOL0	
ADMARF00	104	DMARF00	
ADMADAM0	105	DMADAM0	
ADMADAM3	106	DMADAM3	
ADMADAM5	107	DMADAM5	
ADMADAM7	108	DMADAM7	
ADMADAM9	109	DMADAM9	
ADMADAM11	110	DMADAM11	
ADMADAM13	111	DMADAM13	
ADMADAM15	112	DMADAM15	
ADMADAM17	113	DMADAM17	
ADMADAM19	114	DMADAM19	
ADMADAM21	115	DMADAM21	
ADMADAM23	116	DMADAM23	
ADMADAM25	117	DMADAM25	
A3P2IN	118	P2IN	
ASMPIC0	119	PUMPC0	
A3PAR0	121	DATEP0	
AHEHYT0	123	ENHRYT0	
AINITPC0	203	INITPC0	
AMAS0	204	DMAS0	
ATMAADP1	205	DMADP1	
AP5V0	210	VCC	
AP5V0	215	VCC	
A3P2IN	218	P2IN	
EMBR0	221	EMBR0	
UACF0	241	UACF0	
UACINT0	242	UACINT0	
INERTCT0	243	INERTCT0	
RYDATA0	245	RYDAT0	
RYDATA2	247	RYDAT0	
RYDATA4	248	RYDAT0	
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RYDAT564	528	RYDAT0	
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RYDAT568	530	RYDAT0	
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RYDAT576	534	RYDAT0	
RYDAT578	535	RYDAT0	
RYDAT580	536	RYDAT0	
RYDAT582	537	RYDAT0	
RYDAT584	538	RYDAT0	
RYDAT586	539	RYDAT0	
RYDAT588	540	RYDAT0	

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MODULE MESSAGE PROCESSOR 3

002	SELB	003	SELB	003	SELB
012	SEL A	012	ACLRPRU	2C4, 3C2, 4C1, 5C3, 6C1, 7C3, 8C1, 9C3	
018	XCLRPRU	018	A3PBHD	9C2	
019	PRHEB	019	A3RASKI	9C2	
021	NC	021	A3AD2PE0	9G2	
023	ADD2PE0	023	CRG		
024	CRG	024	CRG		
032	CRG	032	CRG		
034	CRG	034	A3ELBYT0	9G2	
035	CRG	035	A3EHRVTD	9G2	
036	NC	036	A3CNTWS0	9G2	
037	CRG	037	A3PTIN	9G2	
038	CRG	038	A3INTRO0	9G2	
039	XINTREG0	039	A3HLDRCK	9G2	
042	XHLDRPCK	042	A3MNRBD0	9C1	
044	XMNRBD0	044	CRG		
045	CRG	045	CRG		
046	CRG	046	A3ADD00	9C2	
047	XADD00	047	A3ADD02	9C2	
048	XADD02	048	A3ADD04	9C2	
049	XADD04	049	A3ADD06	9C2	
050	XADD06	050	A3ADD08	9C2	
051	XADD08	051	A3ADD10	9C2	
052	XADD10	052	A3ADD12	9C2	
053	XADD12	053	A3ADD14	9C2	
054	XADD14	054	A3ADD16	9C2	
055	XADD16	055	A3ADD18	9C2	
056	XADD18	056	A3ADD19	9C2	
112	XADDEL	112	ACLRPRU	9C2	
118	XCLRPRU	118	A3PTIN	9G4	
119	NC	119	A3MPCFS0	9G4	
121	NC	121	A3PARER0	9G4	
123	DAT2PE0	123	CRG		
124	CRG	124	CRG		
132	CRG	132	CRG		
134	CRG	134	A3EHRVTD	9G4	
140	XPHRYT0	140	A3DR6TR	9C3	
142	NC	142	A3MNRVTD	9C4	
144	XMNRVTD	144	CRG		
145	CRG	145	CRG		
146	CRG	146	A3ADD01	9C4	
147	XADD01	147	A3ADD03	9C4	
148	XADD03	148	A3ADD05	9C4	
149	XADD05	149	A3ADD07	9C4	
150	XADD07	150	A3ADD09	9C4	
151	XADD09	151	A3ADD11	9C4	
152	XADD11	152	A3ADD13	9C4	
153	XADD13	153	A3ADD15	9C4	
154	XADD15	154	A3ADD17	9C4	
155	XADD17	155	A3ADD19	9C5	
156	XADD19	156	A3ADPRM	9C5	
200	XADPRM	200	CRG		
201	CRG	201	CRG		
211	CRG	211	CRG		
212	CRG	212	CRG		
218	CRG	218	A3PTIN	9G4	
236	OTDATAN	236	AIDATAN	236	04-088
241	ITDATAN	241	AIDATAN	241	04-088
244	CRG	244	CRG		
245	CRG	245	CRG		
246	XDATAD0	246	A3DATAD0	9G5	
247	XDATAD2	247	A3DATAD2	9G5	
248	XDATAD4	248	A3DATAD4	9G5	
249	XDATAD6	249	A3DATAD6	9G5	
250	XDATAD8	250	A3DATAD8	9G5	
251	NC	251	A3DATAD0	9G5	
252	NC	252	A3DATAD2	9G5	
253	NC	253	A3DATAD4	9G5	
254	NC	254	A3DATAD6	9G5	
255	XADDEL	255	A3ADDEL	9C6	
300	CRG	300	CRG		
301	CRG	301	CRG		
311	CRG	311	CRG		
312	CRG	312	CRG		
318	XDLYDR0	318	A3DLYDR	9G6	
336	OTDATAP	336	AIDATAP	336	04-088
341	ITDATAP	341	AIDATAP	341	04-088
344	CRG	344	CRG		
345	CRG	345	CRG		
346	XDATAD0	346	A3DATAD0	9G6	
347	XDATAD2	347	A3DATAD2	9G6	
348	XDATAD4	348	A3DATAD4	9G6	
349	XDATAD6	349	A3DATAD6	9G6	
350	XDATAD8	350	A3DATAD8	9G6	
351	NC	351	A3DATAD0	9G7	
352	NC	352	A3DATAD2	9G7	
353	NC	353	A3DATAD4	9G7	
354	NC	354	A3DATAD6	9G7	
355	NC	355	A3CLR86	9C7	
356	NC	356	CRG		

MMPA3
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TN870

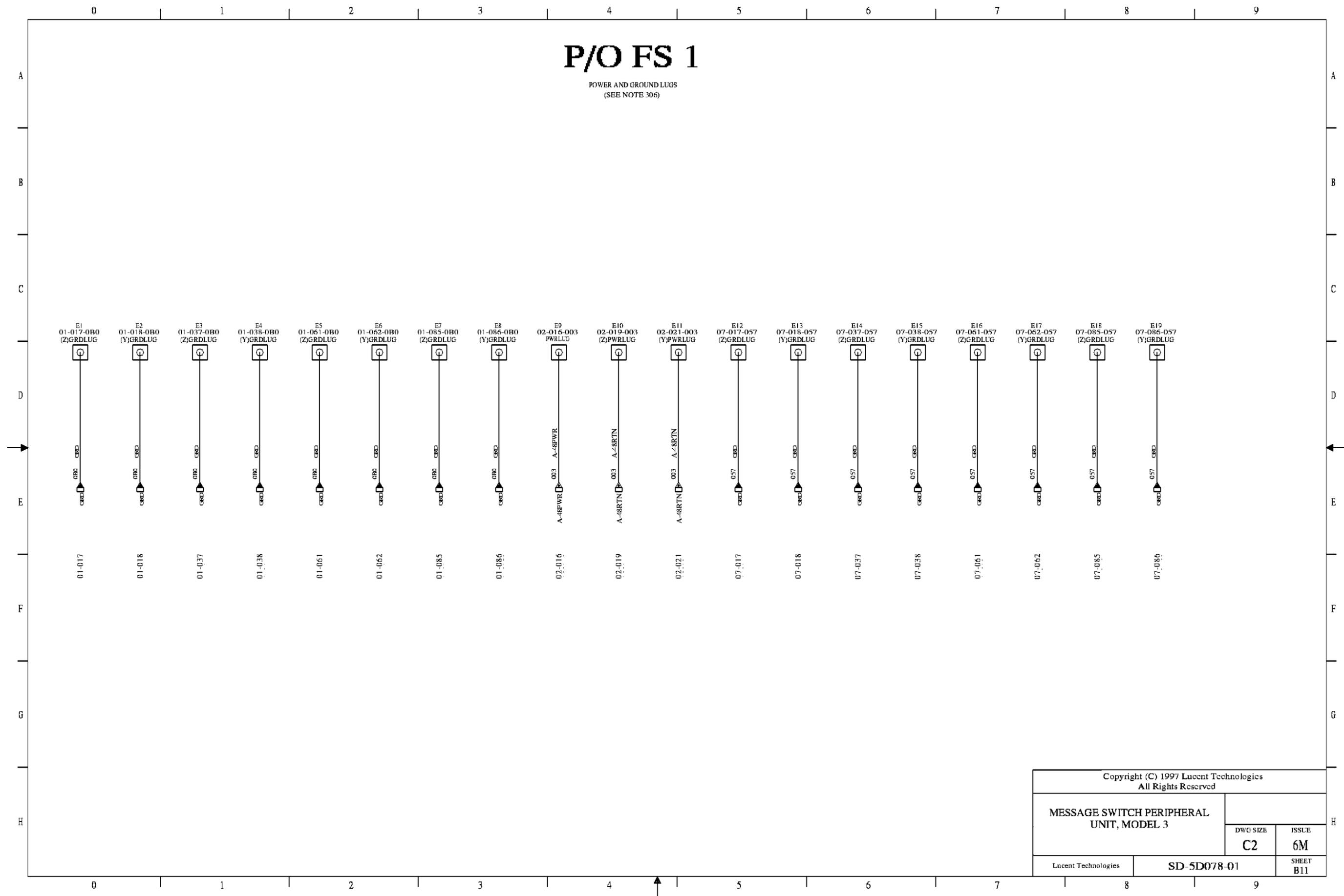
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001	VCC	001	APSV0
020	XALWRKB0	020	A3ALWRKB
022	XPPRRST0	022	A3PPRRST
033	X10MINT0	033	A310MINT
040	XMFPMIC0	040	A3MFPMIC
041	XIORB0	041	A3IORB0
043	XCLKMIZ	043	A3CLKMIZ
100	VCC	100	APSV0
101	VCC	101	APSV0
120	CMDJNT0	120	A3CMDJNT
122	XFLNCN1	122	A3FLNCN1
133	XCLRESR0	133	A3CLRESR
135	XLATCH0	135	A3LATCH0
136	XLRYSWAT0	136	A3LRYSWA
137	XDRBR1W	137	A3DRBR1W
138	XINTACK0	138	A3INTACK
139	XELDACR0	139	A3ELDACR
141	XIOWT0	141	A3IOWT0
143	XCSWIND0	143	A3CSWIND
210	VCC	210	APSV0
234	ASYNCIN	234	A3ASYNCI
235	ACTKRN	235	A3ACTKRN
237	ARDATAN	237	A3ARDATA
239	ISYNCR	239	A3ISYNCR
240	ACLKIN	240	A3CLKIN
242	ARDATAN	242	A3ARDATA
310	VCC	310	APSV0
334	ASYNCIP	334	A3ASYNCI
335	ACLKOP	335	A3CLKOP
337	ARDATAP	337	A3ARDATA
339	ISYNCP	339	A3ISYNCP
340	ACTKIP	340	A3ACTKIP
340	ICLRP	340	A3ICLRP
352	IRDATAP	352	A3IRDATA

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3	DWG SIZE	ISSUE
	C2	6M
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P/O FS 1

POWER AND GROUND LUGS
(SEE NOTE 306)



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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3		
DWG SIZE C2	ISSUE 6M	
Lucent Technologies	SD-5D078-01	SHEET 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
ASCX3BOR 054	ASCX3BOR	04-006
ASCX3B1R 041	ASCX3B1R	04-006
ASCY3BOR 053	ASCY3BOR	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
BSCX3BOR 049	BSCX3BOR	04-006
BSCX3B1R 036	BSCX3B1R	04-006
BSCY3BOR 048	BSCY3BOR	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

AMPR00 053	AMPR00	04-007
AMPR01 040	AMPR01	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
MANOVRO 021	MANOVRO	04-007
MANOVRO 024	MANOVRO	04-007
MANOVRI 023	MANOVRI	04-007
MANOVRI 020	MANOVRI	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
ADMAWTO 016	ADMAWTO	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	ISSUE
C2	6M

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P/O FS 2

CONTROL AND DISPLAY

000	48RTN	003	B-48RTN	14C1, 14C3, 14C5, 14C6, 23E4, 23E5
001	48RTN	004	B-48RTN	14C1, 14C3, 14C5, 14C6, 23E4, 23E5
002	N	005	BRS	14C3
003	RS	006	BRS	14C3
004	SCWR	007	SCWR	
005	SCZ	008	SCZ	
006	SCZ	009	SCZ	
007	SCZ	010	SCZ	
008	SCZ	011	SCZ	
009	SCZ	012	SCZ	
010	SCZ	013	SCZ	
011	SCZ	014	SCZ	
012	SCZ	015	SCZ	
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BMSPU D
 04-096
 (X) SN516
 (W) SN516B
 (T) SN516C

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3		
DWG SIZE C2	ISSUE 6M	
Lucent Technologies	SD-5D078-01	SHEET B13

P/O FS 2

MODULE MESSAGE PROCESSOR 0

000	VCC		
001	VCC		
002	XALWREG0		
003	XPWRST0		
004	XIDMINT0		
005	XDMENI00		
006	XDIORD0		
007	XCLK&MIZ		
008	VCC		
009	VCC		
010	VCC		
011	CMINT010		
012	XFUNCI		
013	XCLRESR0		
014	XIATCHR		
015	XDRYWAT0		
016	XDRURIRW		
017	XDRINTAK0		
018	XINTACKR0		
019	XICWIT0		
020	XCSWIND0		
021	VCC		
022	BSYNEN		
023	BSYNEN		
024	BSYNEN		
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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3		DWG SIZE C2
		ISSUE 6M
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MODULE MESSAGE PROCESSOR 1

002	SELB		
003	SFLA		
012	XCLRFR1	BCLURF1	14C4
018	PRHE0	BIRASKL	17G2
021	N	BIADDF0	17G2
023	ADDJFD0		
024	CR0		
032	CR0		
034	XPLRYT0	BHELBYT0	17G2
035	N	BLEHRYT0	17G2
036	XCONTWS0	BICNTWS0	17G2
037	CR0	BIPJIN	17G2
038	XINTREQ0	BINTREQ0	17G2
039	XHTRF00	BHLTR00	17G2
042	XMEMR00	BMEMR00	17C1
044	CR0		
045	CR0		
046	XADDD0	BIADDD0	17C2
047	XADDD2	BIADDD2	17C2
048	XADDD4	BIADDD4	17C2
049	XADDD6	BIADDD6	17C2
050	XADDD8	BIADDD8	17C2
051	XADDD10	BIADDD10	17C2
052	XADDD12	BIADDD12	17C2
053	XADDD14	BIADDD14	17C2
054	XADDD16	BIADDD16	17C2
055	XADDD18	BIADDD18	17C2
056	XADDD20	BIADDD20	17C2
112	XCLRFR0	BCLRFR0	14C2
118	N	BIPJIN	17G4
119	N	BIPMPCS0	17G4
121	N	BIPAR0	17G4
123	DATEP0		
124	CR0		
132	CR0		
134	XPNRYT0	BPNRYT0	17G4
140	N	BLS6T0	17C3
142	N	BIMENYTD	17C4
144	CR0		
145	CR0		
146	XADDD1	BIADDD1	17C4
147	XADDD3	BIADDD3	17C4
148	XADDD5	BIADDD5	17C4
149	XADDD7	BIADDD7	17C4
150	XADDD9	BIADDD9	17C4
151	XADDD11	BIADDD11	17C4
152	XADDD13	BIADDD13	17C4
153	XADDD15	BIADDD15	17C4
154	XADDD17	BIADDD17	17C5
155	XADDD19	BIADDD19	17C5
156	XADDD21	BIADDD21	17C5
200	XADDD23	BIADDD23	17C5
201	CR0		
211	CR0		
212	CR0		
218	CR0	BIPJIN	17G4
235	ITDATTAN	BIDATTAN	16C5
241	ITDATTAN	BIDATTAN	16C5
244	CR0		
245	CR0		
246	XDATAP0	BIDATAP0	17G5
247	XDATAP2	BIDATAP2	17G5
248	XDATAP4	BIDATAP4	17G5
249	XDATAP6	BIDATAP6	17G5
250	N	BIWDAT08	17G5
251	N	BIWDAT10	17G5
252	N	BIWDAT12	17G5
253	N	BIWDAT14	17G5
254	XDATPH	BIDATPH	17G5
255	XADDPH	BIADDPH	17G5
256	CR0		
300	CR0		
301	CR0		
311	CR0		
312	CR0		
318	XDLYDIR0	BIDLYDIR	17G6
336	ITDATTAP	BIDATTAP	16C7
341	ITDATTAP	BIDATTAP	16C7
344	CR0		
345	CR0		
346	XDATAP1	BIDATAP1	17G6
347	XDATAP3	BIDATAP3	17G6
348	XDATAP5	BIDATAP5	17G6
349	XDATAP7	BIDATAP7	17G6
350	N	BIWDAT09	17G7
351	N	BIWDAT11	17G7
352	N	BIWDAT13	17G7
353	N	BIWDAT15	17G7
354	N	BIWDATPH	17G7
355	N	BICLK86	17C7
356	CR0		
000	BP5V0		
001	YCC		
020	BIALWR0		
022	BIPWRST0		
033	B110INT0		
040	B1ME100		
041	B1IORD0		
043	B1CLKMIZ		
100	BP5V0		
101	YCC		
120	B1CMINT0		
122	B1FUMENI		
133	B1CLRES0		
135	B1LATCH0		
136	B1CONWS0		
137	B1PRLRFW		
138	B1INTAK0		
139	B1HLDAR0		
141	B1IOWTD		
143	B1CSWMD0		
210	BP5V0		
234	BSYNCON		
235	BCLKIN		
237	BREDATAM		
239	BSYNCLN		
240	BCLKN		
242	BREDATAN		
310	BP5V0		
334	BSYNCRP		
335	BCLKOP		
337	BREDATAP		
339	BSYNCRP		
340	BCLKIP		
342	BREDATAP		

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	C2	6M
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MESSAGE SWITCH PERIPHERAL PROCESSOR 2

BPSV0	000	YCC	
BPSV0	001	YCC	
BSISOL0	003	SISOL0	
15G1	004	EMAREC0	
15G1	005	EMADA001	
15G1	007	EMADA021	
15G1	008	EMADA001	
15G1	009	EMADA001	
15G1	010	EMADA021	
15G1	011	EMADA001	
15G1	013	EMADA061	
15G1	014	EMADA081	
15G1	015	EMADA001	
15G2	016	EMADA021	
15G2	017	EMADA041	
15G2	018	PRHE0	
20C1	019	RASOK1	
20C1	021	ADDPE0	
20C1	034	FNCRBYT0	
20C2	035	FNCRBYT0	
20C2	036	CONTRW0	
20C2	037	PLIN	
20C2	038	XINTREQ0	
20C2	039	XHLDRPQ0	
20C2	100	YCC	
BPSV0	101	YCC	
BRISOL0	103	RSOLO	
15G3	104	EMACRC0	
15G3	105	EMADA001	
15G3	106	EMADA001	
15G3	107	EMADA001	
15G3	108	EMADA001	
15G3	109	EMADA001	
15G3	110	EMADA001	
15G3	111	EMADA001	
15G3	113	EMADA001	
15G3	114	EMADA001	
15G3	115	EMADA001	
15G3	116	EMADA001	
15G4	117	EMADA001	
20C3	118	PLIN	
20C3	119	DAT2PE0	
20C3	121	FUMKCS0	
20C4	134	FNCRBYT0	
15G4	203	INTPC0	
15G4	204	EMARCO	
15G4	205	EMADAF1	
15G4	210	YCC	
215	YCC		
218	YCC		
20C5	221	EPMBDR	
	241	UACFQ0	
	242	UACINT0	
	243	INRGTCT0	
20C5	246	RYDATAR0	
20C6	247	RYDATAR0	
20C6	248	RYDATAR0	
20C6	249	RYDATAR0	
20C6	250	RYDATAR0	
20C6	251	WEDATAR0	
20C6	252	WEDATAR0	
20C6	253	WEDATAR0	
20C6	254	WEDATAR0	
20C6	303	DATPARL0	
15G5	306	CMNDINT0	
15G5	305	PCSELO	
24C7	309	+SPWR1	
BPSV0	310	YCC	
BPSV0	315	+SPWR1	
20C7	316	XCLYDR0	
BPSV0	323	VPP	
CR0	324	XICG6F	
	341	MINPKCS0	
	342	PICINT0	
	343	CLRSOLO	
20C7	345	RYDATAR0	
20C7	347	RYDATAR0	
20C7	348	RYDATAR0	
20C7	349	RYDATAR0	
20C7	350	RYDATAR0	
20C7	351	WEDATAR0	
20C7	352	WEDATAR0	
20C8	353	WEDATAR0	
20C8	354	WEDATAR0	
	002	SRO	R2SR0 24C7
	012	NCURPR	RCURPR0 14C2
	020	XALWPR0	R2ALWPR0 20G3
	022	XPWRST0	R2PWRST0 20G3
	023	CR0	CR0
	024	CR0	CR0
	032	CR0	CR0
	033	XIONSN1	B2ION10 20G3
	040	XOMEN100	B2EMEN100 20G3
	041	XORD0	R2LORD0 20G3
	042	XZMEMR0	B2ZMEMR0 20C2
	043	XZMEMR0	B2ZMEMR0 20C2
	044	XCLKIMZ	B2CLKIMZ 20G4
	045	CR0	CR0
	046	CR0	CR0
	047	XADDD0	R2ADDD0 20C2
	048	XADDD0	R2ADDD0 20C2
	049	XADDD0	R2ADDD0 20C2
	050	XADDD0	R2ADDD0 20C2
	051	XADDD0	R2ADDD0 20C2
	052	XADDD0	R2ADDD0 20C3
	053	XADDD0	R2ADDD0 20C3
	054	XADDD0	R2ADDD0 20C3
	055	XADDD0	R2ADDD0 20C3
	056	XADDD0	R2ADDD0 20C3
	102	ERR0	B2ERR0 24C5
	112	PCURPR	RCURPR0 14C4
	120	CMNDINT0	B2CMNDINT0 20G4
	122	XFUNCTION	B2FUNCTION 20G4
	123	CR0	CR0
	124	CR0	CR0
	132	CR0	CR0
	133	XCLRESR0	B2CLRESR0 20G4
	135	XLATCH0	B2LATCH0 20G4
	136	XZFNWAS0	B2ZFNWAS0 20G4
	137	XZRLRIN0	B2ZRLRIN0 20G4
	138	XZINTAK0	B2ZINTAK0 20G4
	139	XZHLDR0	B2ZHLDR0 20G4
	140	XZLDR0	B2ZLDR0 20G4
	141	XZFWT0	B2ZFWT0 20G4
	142	XZFNWAS0	B2ZFNWAS0 20G4
	143	XZFNWAS0	B2ZFNWAS0 20G4
	144	XZFNWAS0	B2ZFNWAS0 20G4
	145	CR0	CR0
	146	XADDD0	R2ADDD0 20C4
	147	XADDD0	R2ADDD0 20C4
	148	XADDD0	R2ADDD0 20C4
	149	XADDD0	R2ADDD0 20C4
	150	XADDD0	R2ADDD0 20C4
	151	XADDD0	R2ADDD0 20C4
	152	XADDD0	R2ADDD0 20C4
	153	XADDD0	R2ADDD0 20C4
	154	XADDD0	R2ADDD0 20C5
	155	XADDD0	R2ADDD0 20C5
	156	XADDD0	R2ADDD0 20C5
	200	XADDD0	R2ADDD0 20C5
	201	CR0	CR0
	202	CSM	B2CSM 24C5
	211	CR0	CR0
	212	CR0	CR0
	214	N	R2TVLPD
	216	N	R2TVLPD
	220	N	R2TVLPD
	224	N	R2TVLPD
	245	CR0	CR0
	255	CR0	CR0
	256	XALR0	R2ALR0 20C6
	300	CR0	CR0
	301	CR0	CR0
	302	INTRO	B2INTRO 24G3
	311	CR0	CR0
	312	CR0	CR0
	314	N	R2TVLPD
	316	N	R2TVLPD
	321	N	R2TVLPD
	344	CR0	CR0
	345	CR0	CR0
	355	CR0	CR0
	356	XCLK86	B2CLK86 20C8
		CR0	CR0

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(U) TN856C

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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3	DWG SIZE	ISSUE
	C2	6M
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MODULE MESSAGE PROCESSOR 2

002	SELPL	GRD
003	SFLA	GRD
012	XCLRPR1	B2CURPR1 14C4
018	PBHEM	B2PBHEM 19F2
019	N	B2BASUK1 19F2
021	N	B2AD2PEM 19F2
023	ADD2PEM	GRD
024	GRD	GRD
032	GRD	GRD
034	GRD	B2E1BYT0 19F2
035	XFM1BYT0	B2E1BYT0 19F2
036	N	B2E1BYT0 19F2
037	XCONTWS0	B2CNTWSL 19F2
038	GRD	B2PJLN 19F2
039	XINTREQ0	B2INTREQ0 19F2
042	XHLDRFC0	B2HLDRFC0 19F2
044	XMEMARD0	B2MEMARD0 19B1
045	GRD	GRD
046	GRD	B2ADD00 19B2
047	XADD01	B2ADD02 19B2
048	XADD02	B2ADD04 19B2
049	XADD03	B2ADD06 19B2
050	XADD04	B2ADD08 19B2
051	XADD05	B2ADD10 19B2
052	XADD06	B2ADD12 19B2
053	XADD07	B2ADD14 19B2
054	XADD08	B2ADD16 19B2
055	XADD09	B2ADD18 19B2
056	XADD10	B2ADD20 19B2
112	XADD11	B2ADD22 19B2
118	XCLRPR0	B2CURPR0 14C2
119	N	B2P2PJN 19F4
121	N	B2P2PCS0 19F4
123	DATA2PEM	B2PARERO 19F4
124	GRD	GRD
132	GRD	GRD
134	GRD	B2E1BYT0 19F4
140	N	B2D86TR 19B4
142	N	B2E1BYT0 19B4
144	XMEMARD0	B2MEMARD0 19B4
145	GRD	GRD
146	XADD01	B2ADD01 19B4
147	XADD02	B2ADD02 19B4
148	XADD03	B2ADD03 19B4
149	XADD04	B2ADD04 19B4
150	XADD05	B2ADD05 19B4
151	XADD06	B2ADD06 19B4
152	XADD07	B2ADD07 19B4
153	XADD08	B2ADD08 19B4
154	XADD09	B2ADD09 19B5
155	XADD10	B2ADD10 19B5
156	XADD11	B2ADD11 19B5
200	XADD12	B2ADD12 19B5
201	GRD	GRD
211	GRD	GRD
212	GRD	GRD
218	GRD	B2P2PJN 19F4
236	OTDATAIN	B2P2PCS0 19F4
241	ITDATAIN	B2PARERO 16C5
244	GRD	B2D86TR 16C5
245	GRD	GRD
246	GRD	GRD
247	XDATA01	B2DAT00 19F5
248	XDATA02	B2DAT01 19F5
249	XDATA03	B2DAT02 19F5
250	XDATA04	B2DAT03 19F5
251	N	B2WDAT08 19F5
252	N	B2WDAT10 19F5
253	N	B2WDAT12 19F5
254	N	B2WDAT14 19F5
255	XDATA05	B2DAT04 19F5
255	XDATA06	B2DAT05 19B6
256	XDATA07	B2DAT06 19B6
300	GRD	GRD
301	GRD	GRD
311	GRD	GRD
312	GRD	GRD
318	XDLYDIR0	B2DYDIR 19F6
336	OTDATA0P	B2DATA0P 16C7
341	ITDATA0P	B2DATA0P 16C7
344	GRD	GRD
345	GRD	GRD
346	XDATA01	B2DAT01 19F6
347	XDATA02	B2DAT02 19F6
348	XDATA03	B2DAT03 19F6
349	XDATA04	B2DAT04 19F6
350	N	B2WDAT09 19F6
351	N	B2WDAT11 19F7
352	N	B2WDAT13 19F7
353	N	B2WDAT15 19F7
354	N	B2DAT08 19F7
355	N	B2CLK86 19B7
356	GRD	GRD

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000	BPSV0	VCC
001	BPSV0	VCC
020	B2ALWPC0	XALWPC0
022	B2PWRST0	XPWRST0
033	B2I0INT0	XI0INT0
040	B2MELI00	XMEMI00
041	B2IORD0	XIORD0
043	B2CLK0MZ	XCLK0MZ
100	BPSV0	VCC
101	BPSV0	VCC
120	B2CMINT0	XCMINT0
122	B2ELNCN1	XELNCN1
133	B2CLRES0	XCLRES0
135	B2LATCH0	XLATCH0
136	B2CONWS0	XCONWS0
137	B2DRLRW0	XDRLRW0
138	B2INTAK0	XINTAK0
139	B2HLDK0	XHLDK0
141	B2IOWT0	XIOWT0
143	B2CSWIND0	XCSWIND0
210	BPSV0	VCC
234	B2SYNCP	BSYNCP
235	B2CLKOP	BCLKOP
237	B2DATA0N	B2DATA0N
239	B2SYNCP	BSYNCP
240	B2CLKIN	B2CLKIN
242	B2DATA0N	B2DATA0N
310	BPSV0	VCC
334	B2SYNCP	BSYNCP
335	B2CLKOP	BCLKOP
337	B2DATA0P	B2DATA0P
339	B2SYNCP	BSYNCP
340	B2CLKIP	B2CLKIP
342	B2DATA0P	B2DATA0P

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	C2	6M
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MESSAGE SWITCH PERIPHERAL PROCESSOR 3

000	BPSV0	000	VCC
001	BPSV0	001	VCC
002	BSSOLO	002	BSSRO 24C5
003	SISOLO	003	BCLRPR0 14C2
004	EMAR000	004	BALWPC0 22G3
005	EMAD001	005	REPWRST0 22G3
006	EMAD002	006	CR0
007	EMAD003	007	CR0
008	EMAD004	008	CR0
009	EMAD005	009	CR0
010	EMAD006	010	CR0
011	EMAD007	011	B310INT0 22G3
012	EMAD008	012	BMBE100 22G3
013	EMAD009	013	B3HORD0 22G4
014	EMAD010	014	BMBEMRD0 22C2
015	EMAD011	015	BCKLNZ 22G4
016	EMAD012	016	CR0
017	EMAD013	017	CR0
018	EMAD014	018	CR0
019	PRHE0	019	B3ADD00 22C2
020	RASPK1	020	B3ADD02 22C2
021	ADDZPB0	021	B3ADD04 22C2
022	B3ELBYT0	022	B3ADD06 22C2
023	B3HRYT0	023	B3ADD08 22C2
024	B3HRYT0	024	B3ADD10 22C3
025	FNHBYT0	025	B3ADD12 22C3
026	FNHBYT0	026	B3ADD14 22C3
027	CONTRW0	027	B3ADD16 22C3
028	PLIN	028	B3ADD18 22C3
029	B3INTR00	029	B3ADD20 22C3
030	B3HLDR00	030	B3ADD22 22C3
031	BPSV0	031	B3ADD24 22C3
032	BPSV0	032	B3ADD26 22C3
033	BPSV0	033	B3ADD28 22C3
034	BPSV0	034	B3ADD30 22C3
035	BPSV0	035	B3ADD32 22C3
036	BPSV0	036	B3ADD34 22C3
037	BPSV0	037	B3ADD36 22C3
038	BPSV0	038	B3ADD38 22C3
039	BPSV0	039	B3ADD40 22C3
040	BPSV0	040	B3ADD42 22C3
041	BPSV0	041	B3ADD44 22C3
042	BPSV0	042	B3ADD46 22C3
043	BPSV0	043	B3ADD48 22C3
044	BPSV0	044	B3ADD50 22C3
045	BPSV0	045	B3ADD52 22C3
046	BPSV0	046	B3ADD54 22C3
047	BPSV0	047	B3ADD56 22C3
048	BPSV0	048	B3ADD58 22C3
049	BPSV0	049	B3ADD60 22C3
050	BPSV0	050	B3ADD62 22C3
051	BPSV0	051	B3ADD64 22C3
052	BPSV0	052	B3ADD66 22C3
053	BPSV0	053	B3ADD68 22C3
054	BPSV0	054	B3ADD70 22C3
055	BPSV0	055	B3ADD72 22C3
056	BPSV0	056	B3ADD74 22C3
057	BPSV0	057	B3ADD76 22C3
058	BPSV0	058	B3ADD78 22C3
059	BPSV0	059	B3ADD80 22C3
060	BPSV0	060	B3ADD82 22C3
061	BPSV0	061	B3ADD84 22C3
062	BPSV0	062	B3ADD86 22C3
063	BPSV0	063	B3ADD88 22C3
064	BPSV0	064	B3ADD90 22C3
065	BPSV0	065	B3ADD92 22C3
066	BPSV0	066	B3ADD94 22C3
067	BPSV0	067	B3ADD96 22C3
068	BPSV0	068	B3ADD98 22C3
069	BPSV0	069	B3ADD100 22C3
070	BPSV0	070	B3ADD102 22C3
071	BPSV0	071	B3ADD104 22C3
072	BPSV0	072	B3ADD106 22C3
073	BPSV0	073	B3ADD108 22C3
074	BPSV0	074	B3ADD110 22C3
075	BPSV0	075	B3ADD112 22C3
076	BPSV0	076	B3ADD114 22C3
077	BPSV0	077	B3ADD116 22C3
078	BPSV0	078	B3ADD118 22C3
079	BPSV0	079	B3ADD120 22C3
080	BPSV0	080	B3ADD122 22C3
081	BPSV0	081	B3ADD124 22C3
082	BPSV0	082	B3ADD126 22C3
083	BPSV0	083	B3ADD128 22C3
084	BPSV0	084	B3ADD130 22C3
085	BPSV0	085	B3ADD132 22C3
086	BPSV0	086	B3ADD134 22C3
087	BPSV0	087	B3ADD136 22C3
088	BPSV0	088	B3ADD138 22C3
089	BPSV0	089	B3ADD140 22C3
090	BPSV0	090	B3ADD142 22C3
091	BPSV0	091	B3ADD144 22C3
092	BPSV0	092	B3ADD146 22C3
093	BPSV0	093	B3ADD148 22C3
094	BPSV0	094	B3ADD150 22C3
095	BPSV0	095	B3ADD152 22C3
096	BPSV0	096	B3ADD154 22C3
097	BPSV0	097	B3ADD156 22C3
098	BPSV0	098	B3ADD158 22C3
099	BPSV0	099	B3ADD160 22C3
100	BPSV0	100	B3ADD162 22C3
101	BPSV0	101	B3ADD164 22C3
102	BPSV0	102	B3ADD166 22C3
103	BPSV0	103	B3ADD168 22C3
104	BPSV0	104	B3ADD170 22C3
105	BPSV0	105	B3ADD172 22C3
106	BPSV0	106	B3ADD174 22C3
107	BPSV0	107	B3ADD176 22C3
108	BPSV0	108	B3ADD178 22C3
109	BPSV0	109	B3ADD180 22C3
110	BPSV0	110	B3ADD182 22C3
111	BPSV0	111	B3ADD184 22C3
112	BPSV0	112	B3ADD186 22C3
113	BPSV0	113	B3ADD188 22C3
114	BPSV0	114	B3ADD190 22C3
115	BPSV0	115	B3ADD192 22C3
116	BPSV0	116	B3ADD194 22C3
117	BPSV0	117	B3ADD196 22C3
118	BPSV0	118	B3ADD198 22C3
119	BPSV0	119	B3ADD200 22C3
120	BPSV0	120	B3ADD202 22C3
121	BPSV0	121	B3ADD204 22C3
122	BPSV0	122	B3ADD206 22C3
123	BPSV0	123	B3ADD208 22C3
124	BPSV0	124	B3ADD210 22C3
125	BPSV0	125	B3ADD212 22C3
126	BPSV0	126	B3ADD214 22C3
127	BPSV0	127	B3ADD216 22C3
128	BPSV0	128	B3ADD218 22C3
129	BPSV0	129	B3ADD220 22C3
130	BPSV0	130	B3ADD222 22C3
131	BPSV0	131	B3ADD224 22C3
132	BPSV0	132	B3ADD226 22C3
133	BPSV0	133	B3ADD228 22C3
134	BPSV0	134	B3ADD230 22C3
135	BPSV0	135	B3ADD232 22C3
136	BPSV0	136	B3ADD234 22C3
137	BPSV0	137	B3ADD236 22C3
138	BPSV0	138	B3ADD238 22C3
139	BPSV0	139	B3ADD240 22C3
140	BPSV0	140	B3ADD242 22C3
141	BPSV0	141	B3ADD244 22C3
142	BPSV0	142	B3ADD246 22C3
143	BPSV0	143	B3ADD248 22C3
144	BPSV0	144	B3ADD250 22C3
145	BPSV0	145	B3ADD252 22C3
146	BPSV0	146	B3ADD254 22C3
147	BPSV0	147	B3ADD256 22C3
148	BPSV0	148	B3ADD258 22C3
149	BPSV0	149	B3ADD260 22C3
150	BPSV0	150	B3ADD262 22C3
151	BPSV0	151	B3ADD264 22C3
152	BPSV0	152	B3ADD266 22C3
153	BPSV0	153	B3ADD268 22C3
154	BPSV0	154	B3ADD270 22C3
155	BPSV0	155	B3ADD272 22C3
156	BPSV0	156	B3ADD274 22C3
157	BPSV0	157	B3ADD276 22C3
158	BPSV0	158	B3ADD278 22C3
159	BPSV0	159	B3ADD280 22C3
160	BPSV0	160	B3ADD282 22C3
161	BPSV0	161	B3ADD284 22C3
162	BPSV0	162	B3ADD286 22C3
163	BPSV0	163	B3ADD288 22C3
164	BPSV0	164	B3ADD290 22C3
165	BPSV0	165	B3ADD292 22C3
166	BPSV0	166	B3ADD294 22C3
167	BPSV0	167	B3ADD296 22C3
168	BPSV0	168	B3ADD298 22C3
169	BPSV0	169	B3ADD300 22C3
170	BPSV0	170	B3ADD302 22C3
171	BPSV0	171	B3ADD304 22C3
172	BPSV0	172	B3ADD306 22C3
173	BPSV0	173	B3ADD308 22C3
174	BPSV0	174	B3ADD310 22C3
175	BPSV0	175	B3ADD312 22C3
176	BPSV0	176	B3ADD314 22C3
177	BPSV0	177	B3ADD316 22C3
178	BPSV0	178	B3ADD318 22C3
179	BPSV0	179	B3ADD320 22C3
180	BPSV0	180	B3ADD322 22C3
181	BPSV0	181	B3ADD324 22C3
182	BPSV0	182	B3ADD326 22C3
183	BPSV0	183	B3ADD328 22C3
184	BPSV0	184	B3ADD330 22C3
185	BPSV0	185	B3ADD332 22C3
186	BPSV0	186	B3ADD334 22C3
187	BPSV0	187	B3ADD336 22C3
188	BPSV0	188	B3ADD338 22C3
189	BPSV0	189	B3ADD340 22C3
190	BPSV0	190	B3ADD342 22C3
191	BPSV0	191	B3ADD344 22C3
192	BPSV0	192	B3ADD346 22C3
193	BPSV0	193	B3ADD348 22C3
194	BPSV0	194	B3ADD350 22C3
195	BPSV0	195	B3ADD352 22C3
196	BPSV0	196	B3ADD354 22C3
197	BPSV0	197	B3ADD356 22C3
198	BPSV0	198	B3ADD358 22C3
199	BPSV0	199	B3ADD360 22C3
200	BPSV0	200	B3ADD362 22C3
201	BPSV0	201	B3ADD364 22C3
202	BPSV0	202	B3ADD366 22C3
203	BPSV0	203	B3ADD368 22C3
204	BPSV0	204	B3ADD370 22C3
205	BPSV0	205	B3ADD372 22C3
206	BPSV0	206	B3ADD374 22C3
207	BPSV0	207	B3ADD376 22C3
208	BPSV0	208	B3ADD378 22C3
209	BPSV0	209	B3ADD380 22C3
210	BPSV0	210	B3ADD382 22C3
211	BPSV0	211	B3ADD384 22C3
212	BPSV0	212	B3ADD386 22C3
213	BPSV0	213	B3ADD388 22C3
214	BPSV0	214	B3ADD390 22C3
215	BPSV0	215	B3ADD392 22C3
216	BPSV0	216	B3ADD394 22C3
217	BPSV0	217	B3ADD396 22C3
218	BPSV0	218	B3ADD398 22C3
219	BPSV0	219	B3ADD400 22C3
220	BPSV0	220	B3ADD402 22C3
221	BPSV0	221	B3ADD404 22C3
222	BPSV0	222	B3ADD406 22C3
223	BPSV0	223	B3ADD408 22C3
224	BPSV0	224	B3ADD410 22C3
225	BPSV0	225	B3ADD412 22C3
226	BPSV0	226	B3ADD414 22C3
227	BPSV0	227	B3ADD416 22C3
228	BPSV0	228	B3ADD418 22C3
229	BPSV0	229	B3ADD420 22C3
230	BPSV0	230	B3ADD422 22C3
231	BPSV0	231	B3ADD424 22C3
232	BPSV0	232	B3ADD426 22C3
233	BPSV0	233	B3ADD428 22C3
234	BPSV0	234	B3ADD430 22C3
235	BPSV0	235	B3ADD432 22C3
236	BPSV0	236	B3ADD434 22C3
237	BPSV0	237	B3ADD436 22C3
238	BPSV0	238	B3ADD438 22C3
239	BPSV0	239	B3ADD440 22C3
240	BPSV0	240	B3ADD442 22C3
241	BPSV0	241	B3ADD444 22C3
242	BPSV0	242	B3ADD446 22C3
243	BPSV0	243	B3ADD448 22C3
244	BPSV0	244	B3ADD450 22C3
245	BPSV0	245	B3ADD452 22C3
246	BPSV0	246	B3ADD454 22C3
247	BPSV0	247	B3ADD456 22C3
248	BPSV0	248	B3ADD458 22C3
249	BPSV0	249	B3ADD460 22C3
250	BPSV0	250	B3ADD462 22C3
251	BPSV0	251	B3ADD464 22C3
252	BPSV0	252	B3ADD466 22C3
253	BPSV0	253	B3ADD468 22C3
254	BPSV0	254	B3ADD470 22C3
255	BPSV0	255	B3ADD472 22C3
256	BPSV0	256	B3ADD474 22C3
257	BPSV0	257	B3ADD476 22C3
258	BPSV0	258	B3ADD478 22C3
259	BPSV0	259	B3ADD480 22C3
260	BPSV0	260	B3ADD482 22C3
261	BPSV0	261	B3ADD484 22C3
262	BPSV0	262	B3ADD486 22C3
263	BPSV0	263	B3ADD488 22C3
264	BPSV0	264	B3ADD490 22C3
265	BPSV0	265	B3ADD492 22C3
266	BPSV0	266	B3ADD494 22C3
267	BPSV0	267	B3ADD496 22C3
268	BPSV0	268	B3ADD498 22C3
269	BPSV0	269	B3ADD500 22C3
270	BPSV0	270	B3ADD502 22C3
271	BPSV0	271	B3ADD504 22C3
272	BPSV0	272	B3ADD506 22C3
273	BPSV0	273	B3ADD508 22C3
274	BPSV0	274	B3ADD510 22C3
275	BPSV0	275	B3ADD512 22C3
276	BPSV0	276	B3ADD514 22C3
277	BPSV0	277	B3ADD516 22C3
278	BPSV0	278	B3ADD518 22C3
279	BPSV0	279	B3ADD520 22C3
280	BPSV0	280	B3ADD522

P/O FS 2

MODULE MESSAGE PROCESSOR 3

MMPB3
04-176
TN870

BP5V0	000	VCC
BP5V0	001	VCC
BP5V0	002	VCC
BP5V0	003	VCC
SELB	002	CRD
SFLA	003	CRD
XCLRPR1	012	RCLRPR1 14C4
FBHE0	018	B3PBHE0 21G2
N	019	B3ASOKL 21G2
ADDZPE0	021	B3ADZPE0 21G2
CRD	023	CRD
CRD	024	CRD
CRD	032	CRD
CRD	034	CRD
CRD	035	BSELBYTD 21G2
XFNRYTD	034	RFEHRYTD 21G2
N	036	B3CNTWS0 21G2
XCONTWS0	037	R3PLIN 21G2
CRD	038	B3INTR00 21G2
XINTRE00	039	B3HLDRC0 21G2
XHLDRC0	042	B3MEMR00 21G2
XMEMR00	044	CRD 21C1
CRD	045	CRD
CRD	046	B3ADD00 21C2
XADD00	047	B3ADD02 21C2
XADD02	048	B3ADD04 21C2
XADD04	049	B3ADD06 21C2
XADD06	050	B3ADD08 21C2
XADD08	051	B3ADD10 21C2
XADD10	052	B3ADD12 21C2
XADD12	053	B3ADD14 21C2
XADD14	054	B3ADD16 21C2
XADD16	055	B3ADD18 21C2
XADD18	056	B3ADD20 21C2
XADD20	056	B3ADD22 21C2
XADD22	112	RCLRPR0 14C2
XCLRPR0	118	R3P2IN 21G3
N	119	B3MPCSO 21G4
N	121	B3PAR00 21G4
DATAPE0	123	CRD
CRD	124	CRD
CRD	132	CRD
CRD	134	B3BYBD 21G4
XENRYBD	140	B3D6TR 21C3
N	142	R3MFAVTD 21C4
XMEMAVTD	144	CRD
CRD	145	CRD
CRD	146	B3ADD03 21C4
XADD03	147	B3ADD05 21C4
XADD05	148	B3ADD07 21C4
XADD07	149	B3ADD09 21C4
XADD09	150	B3ADD11 21C4
XADD11	151	B3ADD13 21C4
XADD13	152	B3ADD15 21C4
XADD15	153	B3ADD17 21C4
XADD17	154	B3ADD19 21C4
XADD19	155	B3ADD21 21C5
XADD21	156	B3ADD23 21C5
XADD23	200	CRD
CRD	201	CRD
CRD	211	CRD
CRD	212	CRD
CRD	218	R3P3IN 21G4
CRD	236	B3DAT00 21G5
RTDAT00	241	B3DAT02 21G5
RTDAT02	244	B3DAT04 21G5
CRD	245	B3DAT06 21G5
CRD	246	B3DAT08 21G5
XDATA08	249	B3DAT10 21G5
XDATA10	250	B3DAT12 21G5
N	251	B3DAT14 21G5
N	252	B3DAT16 21G5
N	253	B3DAT18 21G5
N	254	B3DAT20 21G5
XDATA20	255	B3DAT22 21G5
XDATA22	256	B3DAT24 21G5
CRD	300	CRD
CRD	301	CRD
CRD	311	CRD
CRD	312	CRD
CRD	318	R3DYDIR 21G6
XDYDIR0	336	RTDAT00 336
RTDAT00	341	RTDAT02 341
RTDAT02	344	RTDAT04 341
CRD	345	CRD
CRD	346	RTDAT06 21G6
XDATA06	347	B3DAT03 21G6
XDATA03	348	B3DAT05 21G6
XDATA05	349	B3DAT07 21G6
XDATA07	350	B3DAT09 21G6
N	351	B3DAT11 21G6
N	352	B3DAT13 21G7
N	353	B3DAT15 21G7
N	354	B3DAT17 21G7
N	355	B3DAT19 21G7
N	356	B3CLK86 21C6
CRD	356	CRD

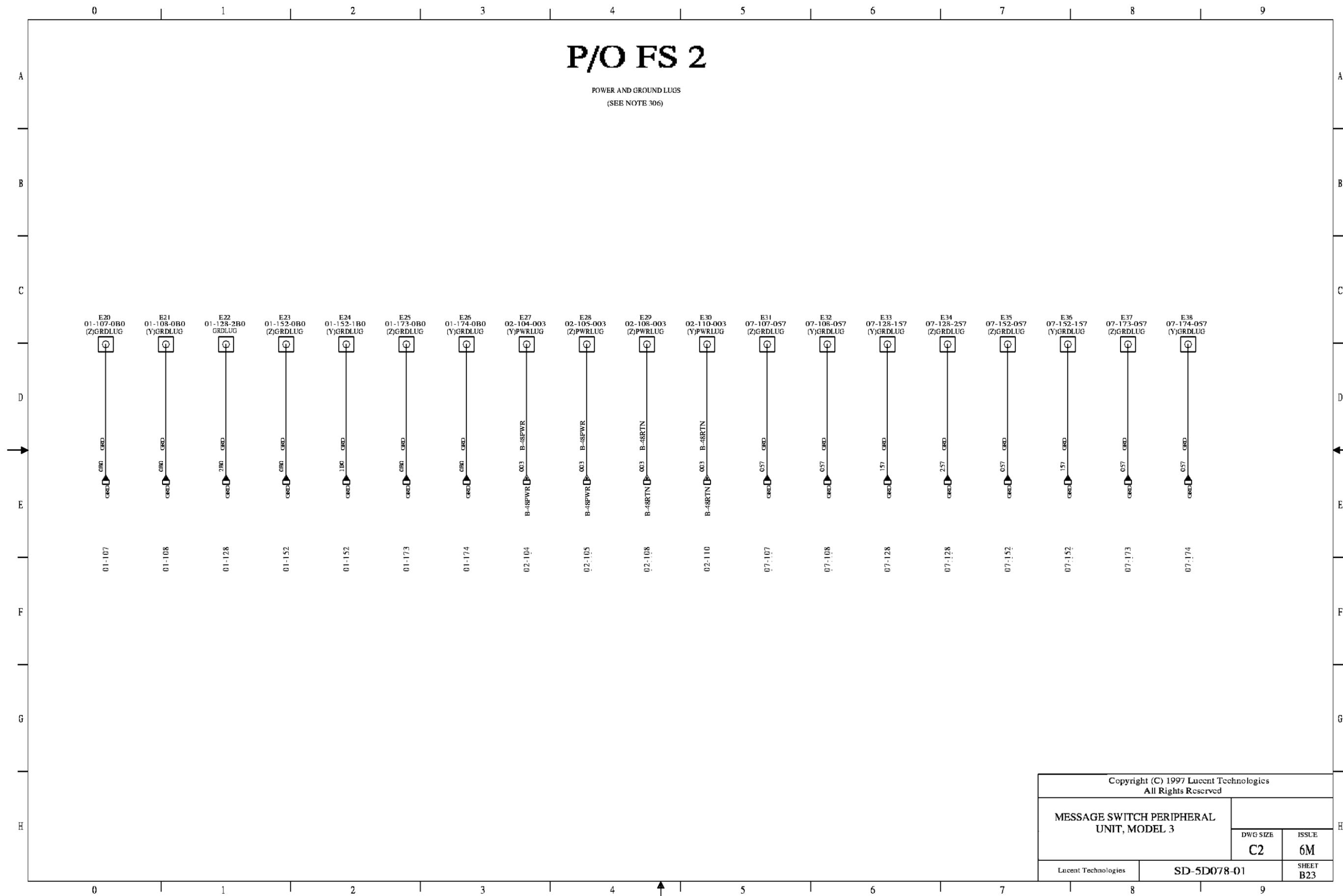
04-176
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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3	DWG SIZE	ISSUE
	C2	6M
Lucent Technologies	SD-5D078-01	SHEET B22

P/O FS 2

POWER AND GROUND LUGS
(SEE NOTE 306)



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MESSAGE SWITCH PERIPHERAL UNIT, MODEL 3		
DWG SIZE C2	ISSUE 6M	
Lucent Technologies	SD-5D078-01	SHEET B23

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

BINTPCO	020	BINTPCO	04-174
BPSV0	006	BPSV0	04-174
BSISOL0	021	BSISOL0	04-174
B0CSA0	016	B0CSA0	04-174
B0ERRO	007	B0ERRO	04-174
B1CSA0	017	B1CSA0	04-174
B1ERRO	008	B1ERRO	04-174
B1SR0	022	B1SR0	04-174
B2CSA0	018	B2CSA0	04-174
B2ERRO	009	B2ERRO	04-174
B3CSA0	019	B3CSA0	04-174
B3ERRO	010	B3ERRO	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
BDMAOPCO	018	BDMAOPCO	04-175
BDMARD0	017	BDMARD0	04-175
BDMAREQ0	019	BDMAREQ0	04-175
BDMAWT0	016	BDMAWT0	04-175
BRISOL0	021	BRISOL0	04-175
B0PCSELO	003	B0PCSELO	04-175
BOSR0	022	BOSR0	04-175
B1PCSELO	004	B1PCSELO	04-175
B2PCSELO	005	B2PCSELO	04-175
B2SR0	023	B2SR0	04-175
B3PCSELO	006	B3PCSELO	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
Lucent Technologies	SD-5D078-01	SHEET B24

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
		BPWRCONV	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
	(V)	MMPA0	04-040	4F1	TN870
	(V)	MSPPA0	04-032	3F0	TN856B
	(L)	MSPPA0	04-032	3F0	TN856C

APP FIG. 5

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

APP FIG. 6

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

APP FIG. 7

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

APP FIG. 8

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

APP FIG. 9

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

APP FIG. 10

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

APP FIG. 11

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

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MESSAGE SWITCH PERIPHERAL
UNIT, MODEL 3

DWG SIZE	ISSUE
C2	6M

Lucent Technologies	SD-5D078-01	SHEET C1
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0 1 2 3 4 5 6 7 8 9

CIRCUIT NOTES:

101.	DESIG	FUSE AMP	POTENTIAL	ONE PER
	MSPU3	5	-48V	SIDE
		<u>BATTERY SYMBOL</u>		<u>VOLTAGE RANGE</u>
		-48		-47.75 TO -52.5

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	

- 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.

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D
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0 1 2 3 4 5 6 7 8 9

INFORMATION NOTES:

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

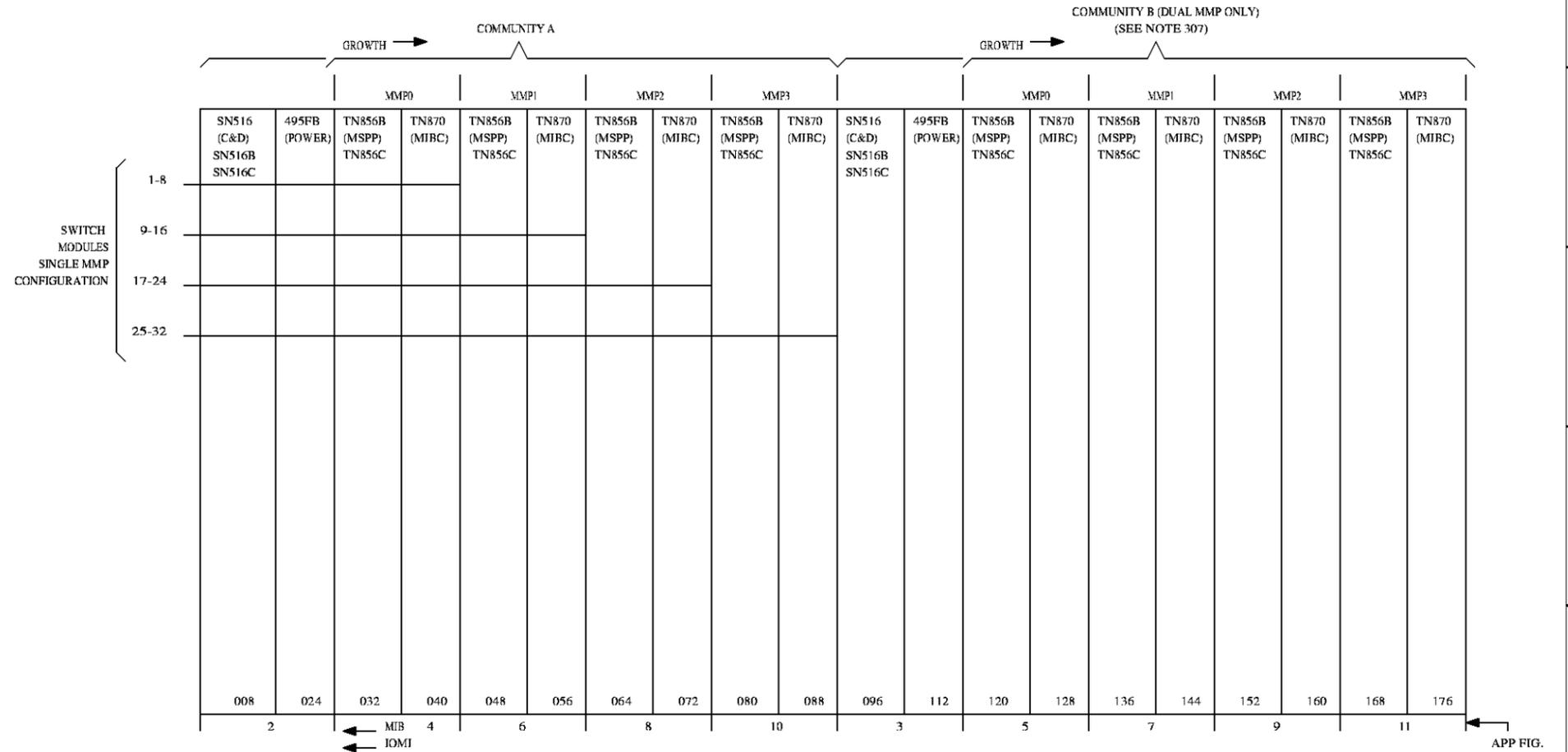
FEATURE OR OPTION	PROVIDE			QUANTITY
	SINGLE	DUAL	APP OR WRG	
	APP FIG	APP FIG		
WIRING EQUIPMENT FOR 1 MESSAGE SWITCH PROCESSOR UNIT EQUIPPED WITH POWER UNIT AND A CONTROL AND DISPLAY PACK.	1,2	1,2, 3	Y	1 PER UNIT
MODULE MESSAGE PROCESSORS FOR SWITCH MODULES REQUIRED IN ADDITION TO APP FIG. 1 AND 2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

RECORD OF FIGURES, WIRING AND APPARATUS CHANGES					
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT	
				AVAIL	DA
	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

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 THAN 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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0 1 2 3 4 5 6 7 8 9

A
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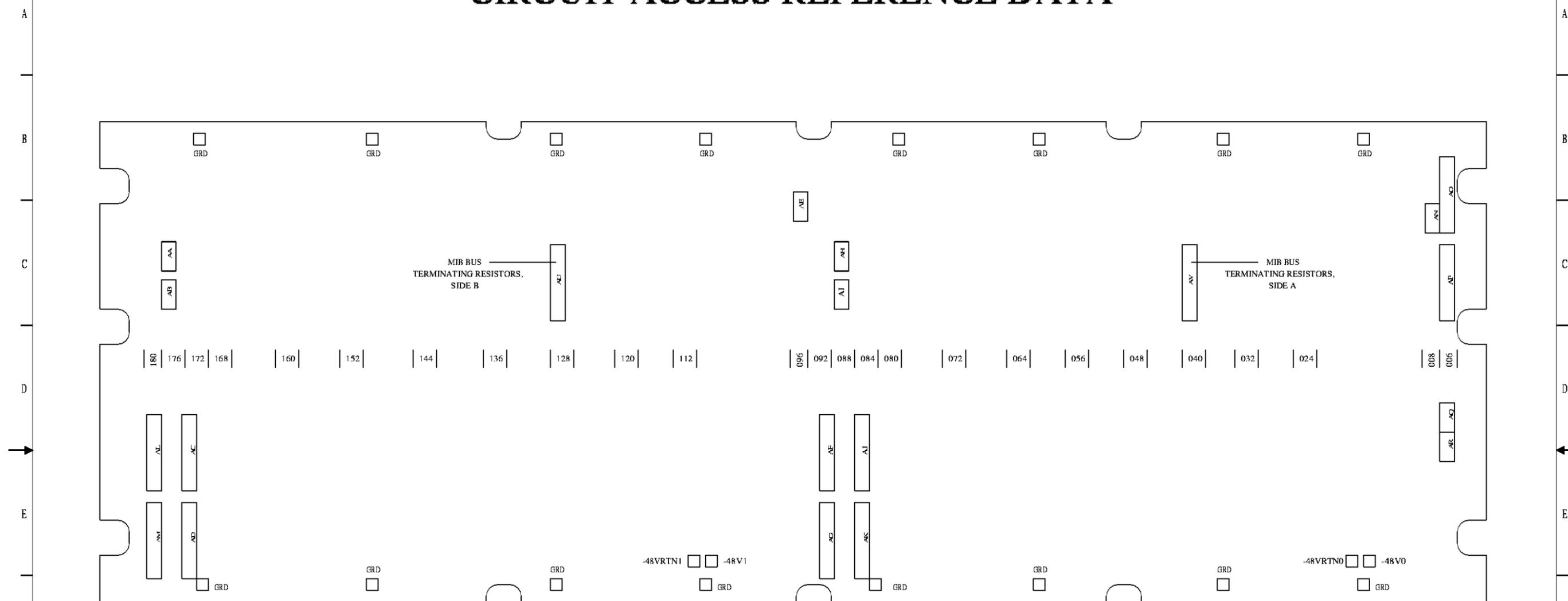
UNIT SYMBOL TABLE OF CONTENTS			
FUNCTION	DESCRIPTION (LOWER LEFT PIN OF CONNECTOR)	SIZE	ELEMENT
MODULE MESSAGE PROCESSOR 3	{04-088-334} MESSAGE INTERFACE BUS SIDE A, TO CMCU	2 X 4	AI
	{04-088-339} MESSAGE INTERFACE BUS SIDE A, TO CMCU	2 X 4	AH
	{04-176-334} MESSAGE INTERFACE BUS SIDE B, TO CMCU	2 X 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
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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	C2	6M
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0 1 2 3 4 5 6 7 8 9

CIRCUIT ACCESS REFERENCE DATA

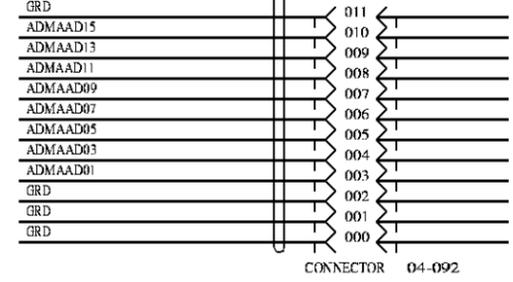
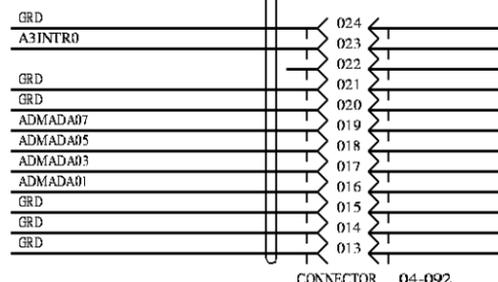
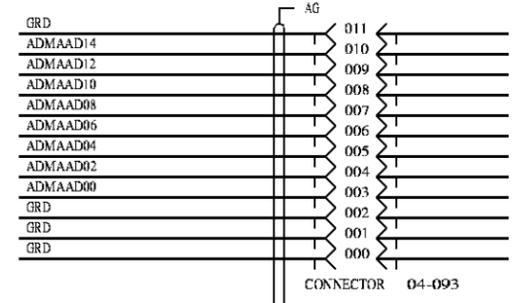
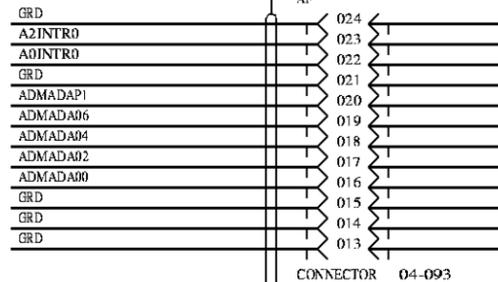
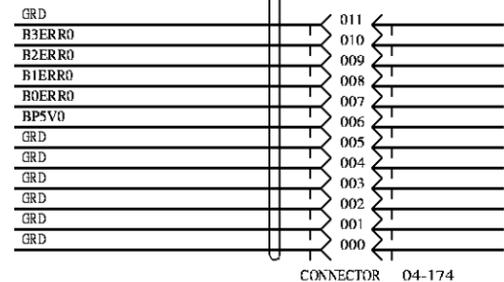
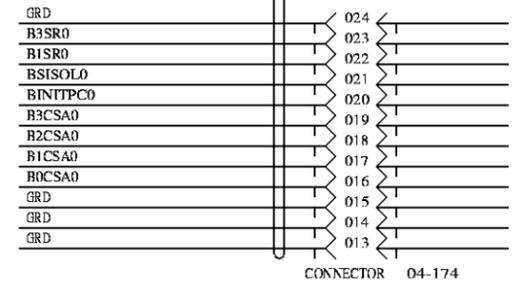
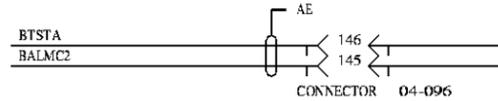
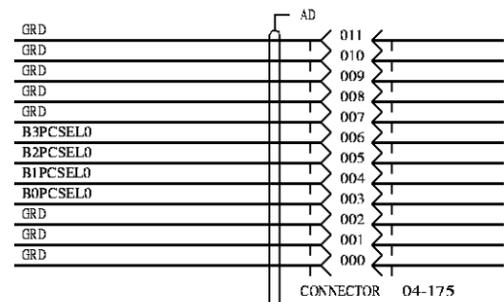
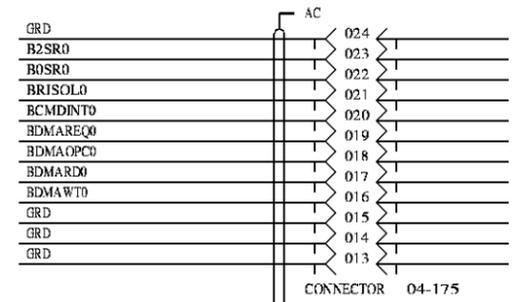
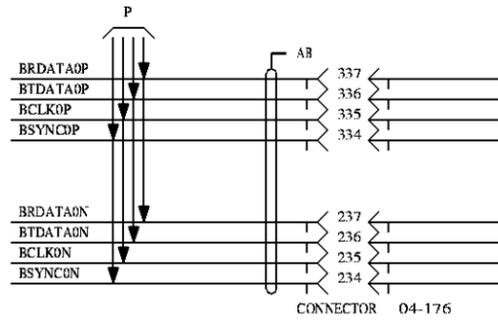
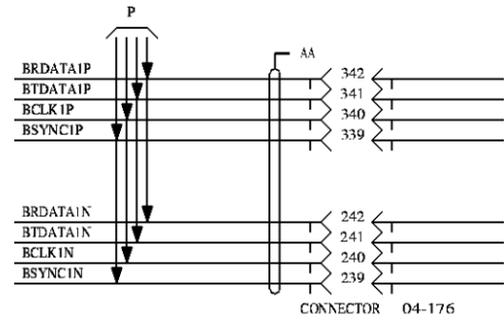


- NOTES:**
1. ALL POWER LUGS ARE IN ELEMENT AS, (SEE NOTE 306).
 2. ALL GROUND LUGS ARE IN ELEMENT AT, (SEE NOTE 306).
 3. ELEMENTS AU AND AV ARE BUS TERMINATING RESISTOR PADDLEBOARDS.

FIG. 1
BACKPLANE PICTORIAL WIRING SIDE

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DWG SIZE C2		
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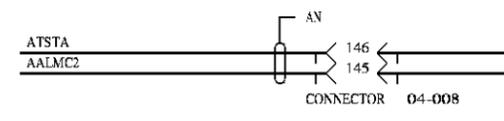
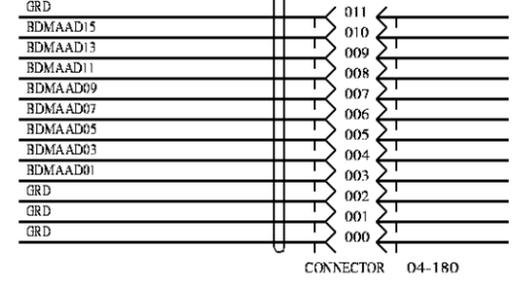
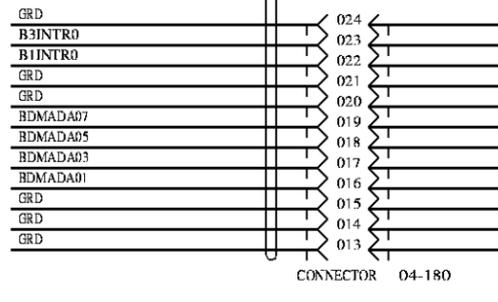
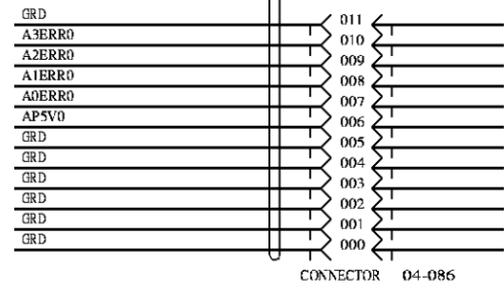
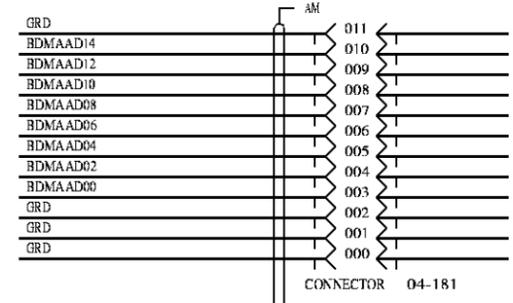
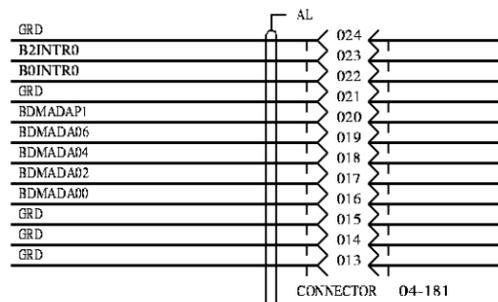
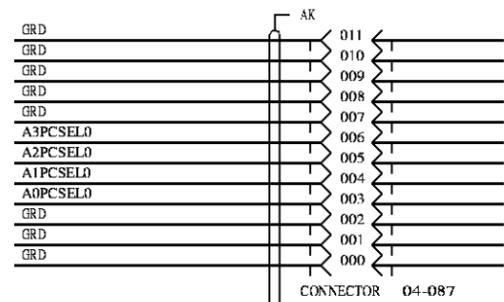
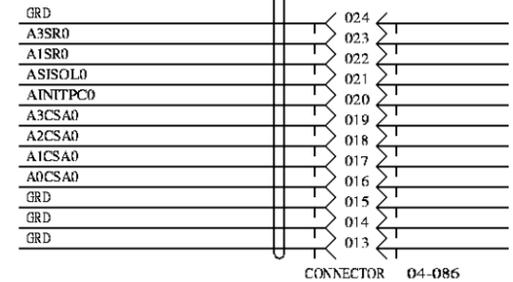
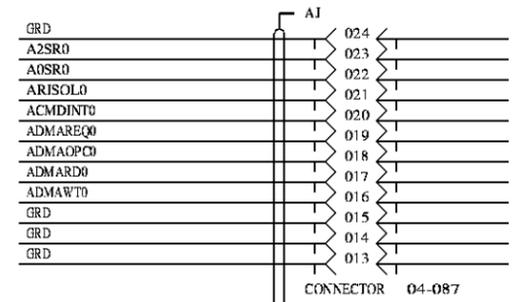
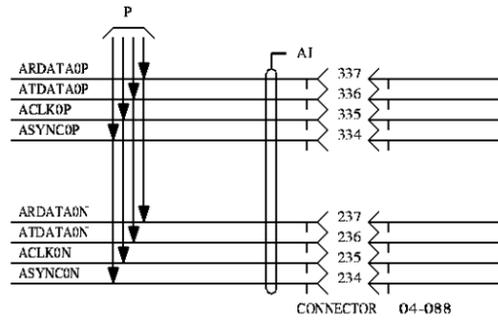
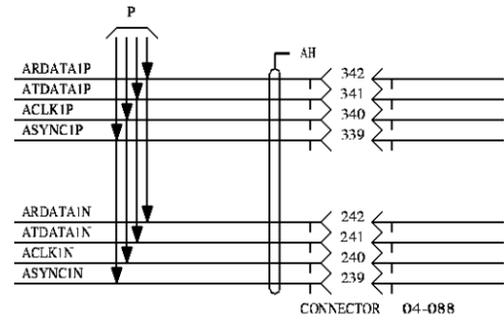
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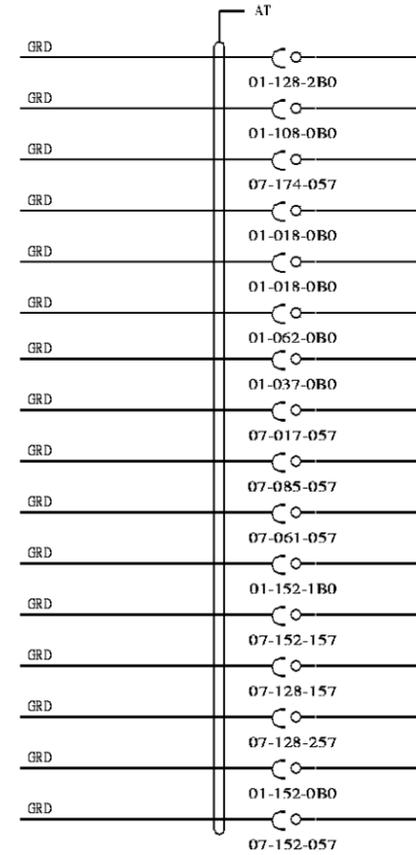
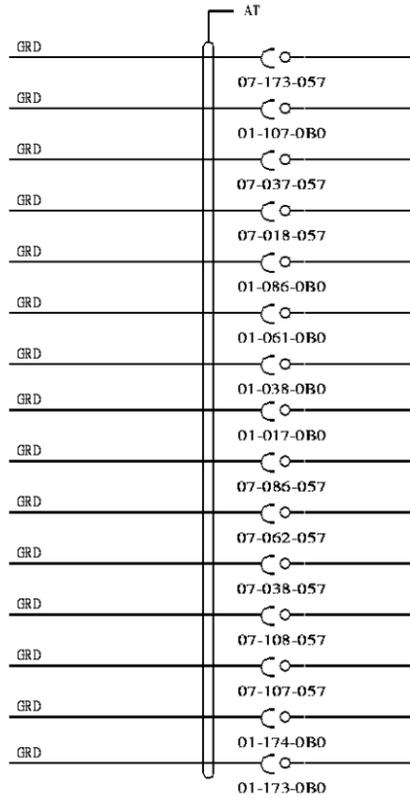
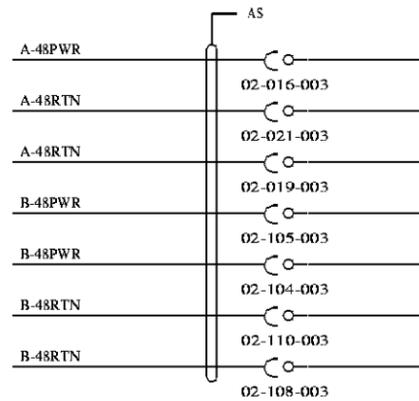
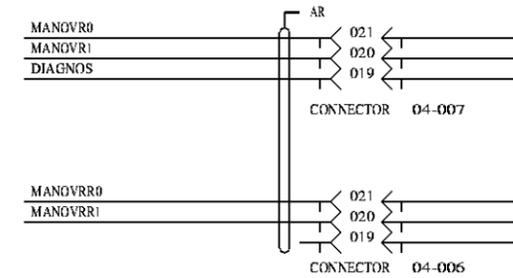
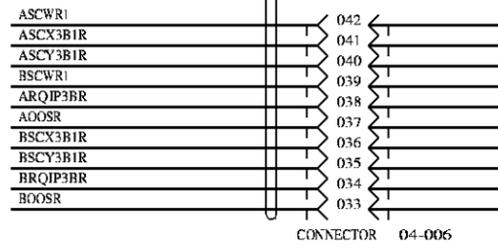
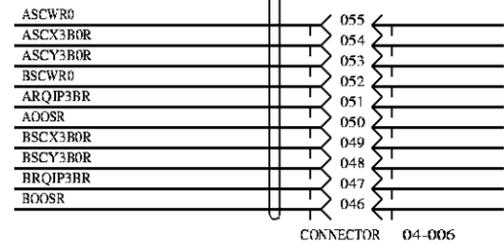
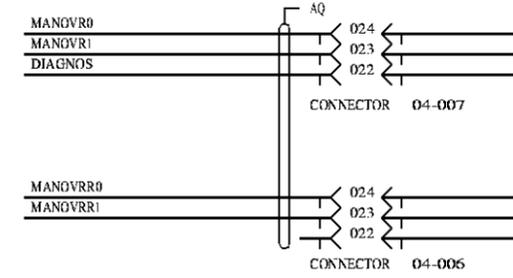
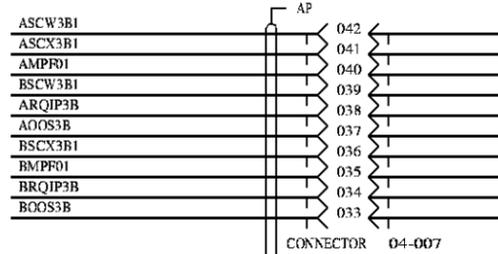
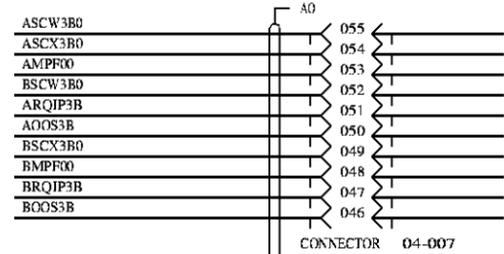
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C2	6M

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