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	B#1CE	B1CE	9
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	B#3CE	B3CE	9
	B#3CF	B3CF	9
	B#3CG	B3CG	9
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V	STD 6	309	APP FIG. 1
T	STD 6	309	APP FIG. 3
S	STD 6		APP FIG. 2
U	STD 6		APP FIG. 2
R	STD 7		APP FIG. 3
Q	STD 7		APP FIG. 3
P	STD 8	309	APP FIG. 3
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M	STD 9	308	SHEET D2
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7B	APPX. 6B	1-31-85		
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SUPPORTING INFORMATION

CATEGORY	NO.
CIRCUIT PACK SCHEMATIC	CPS *
EQUIPMENT DRAWING	J1C147BC

* SCHEMATICS OF ALL UN, TN CODED CIRCUIT PACKS ARE SHOWN ON DRAWING NUMBERED WITH A CPS PREFIX FOLLOWED BY THE CODE OF THE PACK - EXAMPLE: UN54

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BT13

COMMON SYSTEMS

3B20D MODEL 2 & 3 PROCESSOR
MAIN STORE AND IOP GROWTH UNIT
CIRCUIT

DWG SIZE	ISSUE
6S	9B

AT&T	SD-4C097-01	SHEET A1 OF 6S

DESIGATION MNEMONICS LEAD INDEX

MNEMONIC	ES/SYM	DEFINITION
ADPC00	1/1	MEMORY ARRAY COLUMN ADDR PARITY
ADPR00	1/1	MEMORY ARRAY ROW ADDRESS PARIT
ALRM0	5/2	PC COMMUNITY POWER ALARM
A002(0,1)	1/1	HALF MEMORY ARRAY SELECT (1 OR
A0(03-18)1	1/1	MEMORY ARRAY ROW AND COL ADDRESS
A019(0,1)	1/1	HALF MEMORY ARRAY SELECT (A OR
CCALM0	7/1	CPU CONVERTER ALARM
CCSTN	7/1	CPU CONVERTER START LOOP (SIDE)
CCSTP	7/1	CPU CONVERTER START LOOP (H SIDE)
CER100	3/4	CHANNEL ERROR-DMA1-CHANNEL 0
CER110	3/3	CHANNEL ERROR-DMA1-CHANNEL 1
CINTLC	7/1	CPU CONVERTER INTERLOCK LINK C
CINTLD	7/1	CPU CONVERTER INTERLOCK LINK D
CINT20	4/1	COMMAND INTERRUPT
CINT30	4/5	COMMAND INTERRUPT
CIOAD(0-4)00	3/2	CCIO BUS ADDRESS BITS 0-4
CIOAK(0-5)	3/2	CCIO BUS ACKNOWLEDGE BITS 0-5
CIOASW0	3/2	CCIO ALL SEEM WELL
CIOCER0	3/2	CCIO CHANNEL ERROR
CIOCLE0	3/2	CCIO CLEAR ERROR
CIOD(00-31)0	3/2	CCIO BUS DATA BITS 0-31
CIOD(32-35)0	3/2	CCIO BUS DATA PARITY BITS 0-3
CIOEACK0	3/2	CCIO ERROR ACKNOWLEDGE
CIOIAK0	3/2	CCIO INTERRUPT ACKNOWLEDGE
CIOIDL0	3/2	CCIO IDLE
CIOINH0	3/2	CCIO INHIBIT
CIOMR0	3/2	CCIO MAINTENANCE REQ.
CIORDY0	3/2	CCIO READY
CIORD0	3/2	CCIO READ DATA REQ.
CIORIN0	3/2	CCIO READ INTERRUPT REQ.
CIORSR0	3/2	CCIO READ SERVICE REQUEST REQ.
CIORST0	3/2	CCIO READ STATUS REQ
CIOSAK0	3/2	CCIO SERVICE REQUEST ACKNOWLED
CIOWCA0	3/2	CCIO WRITE COMMAND AND ADDR REQ
CIOWD0	3/2	CCIO WRITE DATA REQ
CLFM00	1/1	ARRAY TYPE OPTION
CLFPC20	4/1	CLEAR PERIPHERAL CONTROLLER CO
CLFPC30	4/5	CLEAR PERIPHERAL CONTROLLER CO
CPME	4/1	CURRENT PROGRAMMING (LOW SI FOR CONVERTER E
CPMF	3/3	CURRENT PROGRAMMING (LOW SI FOR CONVERTER F
CPMFA	3/1	CURRENT PROGRAMMING BUS (NEGAT SIDE) FOR FA VCC OPTION
CPMFB	3/2	CURRENT PROGRAMMING BUS (NEGAT SIDE) FOR FB VCC OPTION
CPMG	7/1	CURRENT PROGRAMMING (LOW SI FOR CONVERTER G
CPPE	4/1	CURRENT PROGRAMMING (HIGH SI FOR CONVERTER E
CPPF	3/3	CURRENT PROGRAMMING (HIGH SI FOR CONVERTER F
CPPFA	3/1	CURRENT PROGRAMMING BUS (POSIT SIDE) FOR FA VCC OPTION
CPPFB	3/2	CURRENT PROGRAMMING BUS (POSIT SIDE) FOR FB VCC OPTION
CPPG	7/1	CURRENT PROGRAMMING (HIGH SI FOR CONVERTER G
CSA200	4/1	CONTROL SIGNAL ACKNOWLEDGE
CSA210	4/2	CONTROL SIGNAL ACKNOWLEDGE
CSA220	4/3	CONTROL SIGNAL ACKNOWLEDGE
CSA230	4/4	CONTROL SIGNAL ACKNOWLEDGE
CSA300	4/5	CONTROL SIGNAL ACKNOWLEDGE
CSA310	4/6	CONTROL SIGNAL ACKNOWLEDGE
CSA320	4/7	CONTROL SIGNAL ACKNOWLEDGE
CSA330	4/8	CONTROL SIGNAL ACKNOWLEDGE
DASM10	3/3	ALL SEEMS WELL TO DMAC1 FROM CHANNELS
DBXX00	3/2	UN9 CHANNEL RESPONSE BIT
DCLE10	3/3	CLEAR ERROR-DMA1
DDB(00-35)1	3/3	32 BITS DATA +4 PARITY: DSCH INTERFACE
DH0(00-03)0	1/1	MODIFY STORE DATA-BYTE 0-3 PAR
DIDLE10	3/3	IDLE COMMAND FROM DMA1 TO I CHANNELS
DINT100	3/4	USED BY CHANNEL 0 TO INTERRU THE DMA1
DINT110	3/3	CHANNEL 1 TO DMA1 INTERRUPT
DIOAD100	3/3,4	ADDRESS OF CHANNEL 0, DMA1
DIOAD110	3/3	ADDRESS OF CHANNEL 1, DMA1
DIOAK100	3/4	ACKNOWLEDGE FROM CHANNEL 0, DM
DIOAK110	3/3	ACKNOWLEDGE FROM CHANNEL 1, DM
DMAD(20-28)1	4/1	DIRECT MEMORY ACCESS DAT (COMMUNITY 2, BITS 0-8)
DMAD(30-38)1	4/5	DIRECT MEMORY ACCESS D (COMMUNITY 3, BITS 0-8)
DMAZ(0-8)1	4/1	PC COMMUNITY 2 DIRECT MEM ADDRESS
DMA3(0-8)1	4/5	PC COMMUNITY 3 DIRECT MEM ADDRESS DATA BUS BIT
DMAOC20	4/1	DMA OPERATION COMPLETE (PC COM
DMAOC30	4/5	DMA OPERATION COMPLETE (PC COM
DMARD20	4/1	DMA READ (PC COM 2)
DMARD30	4/5	DMA READ (PC COM 3)
DMARQ20	4/1	DMA REQUEST (PC COM 2)
DMARQ30	4/5	DMA REQUEST (PC COM 3)
DMAR100	3/4	REQUEST FROM CHANNEL 0 TO DMA1
DMAR110	3/3	REQUEST FROM CHANNEL 1 TO DMA1
DMAWR20	4/1	DMA WRITE (PC COM 2)
DMAWR30	4/5	DMA WRITE (PC COM 3)
DMA2(00-15)1	4/1	DIRECT MEMORY ADDRESS BUS BIT
DMA3(00-15)1	4/5	DIRECT MEMORY ADDRESS BUS BIT
DPA00	1/1	HAMMING BIT PA
DP(X-Z)00	1/1	HAMMING BIT PX,PY AND PZ
DRDY10	3/3	USED TO INDICATE DMA1 IS READY
DRD10	3/3	USED FOR CC READ CHANNEL DA BUFFER TO DMA1
DRINT10	3/3	USED FOR CC READ CHANN INTERRUPT STATE TO DMA1
DRSR10	3/3	USED FOR CC READ CHANNEL SERV REQUEST TO DMA1
DRST10	3/3	USED FOR CC READ CHANNEL STA REGISTER TO DMA1
DWCA10	3/3	USED FOR CC WRITE CHANNE CONTROL ADDRESS REGISTER TO DM
DWD10	3/3	USED FOR CC WRITE DATA TO DMA1
D0(00-31)0	1/1	DATA BUS TO MEMORY ARRAY B 0-31
EADP0	1/1-1/8	EXTRA ADDRESS PARITY BIT
ER2	4/1	EIA RETURN (PC COM 2)
ER200	4/1	ERROR (PC COM 2, PC0)
ER210	4/2	ERROR (PC COM 2, PC1)
ER220	4/3	ERROR (PC COM 2, PC2)
ER230	4/4	ERROR (PC COM 2, PC3)
ER3	4/5	EIA RETURN (PC COM 3)
ER300	4/5	ERROR (PC COM 3, PC0)
ER310	4/6	ERROR (PC COM 3, PC1)
ER320	4/7	ERROR (PC COM 3, PC2)
ER330	4/8	ERROR (PC COM 3, PC3)
FPWRF0	5/1	FORCE POWER FAULT
ICALM10	5/1	IOP CONVERTER ALARM 1 (NON-PO DOWN)
ICSTN	5/1	IOP CONVERTER START LOOP (SIDE)
ICSTP	5/1	IOP CONVERTER START LOOP (H SIDE)
ILMT0	5/1	LAMP TEST
INT010	3/2	IO INTERRUPT FOR CHANNEL 1
INT200	4/1	INTERRUPT REQUEST (PC COM 2, P
INT210	4/2	INTERRUPT REQUEST (PC COM 2, P
INT220	4/3	INTERRUPT REQUEST (PC COM 2, P
INT230	4/4	INTERRUPT REQUEST (PC COM 2, P
INT300	4/5	INTERRUPT REQUEST (PC COM 3, P
INT310	4/6	INTERRUPT REQUEST (PC COM 3, P
INT320	4/7	INTERRUPT REQUEST (PC COM 3, P
INT330	4/8	INTERRUPT REQUEST (PC COM 3, P
N12E2	4/1	NEGATIVE VOLTS EIA COM 2
N12E3	4/5	NEGATIVE VOLTS EIA COM 3
N48VCPU5	7/1	-48V SUPPLY FOR CPU SEGMEN (FUSED)
N48VIOP1	5/1	-48V SUPPLY FOR IOP SEGMEN (FUSED)

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MAIN STORE IN IOP GROWTH UNIT

DWG SIZE	ISSUE
D2	9B

AT&T	SD-4C097-01	A2

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DESIGATION MNEMONICS INDEX

MNEMONIC	ES/SYM	DEFINITION
N48VIOP2	6/1	-48V SUPPLY FOR IOP SEGMEN (FUSED)
N48VIOP3	5/2	-48V SUPPLY FOR IOP SEGMEN (FUSED)
N48VS2	4/1	-48V (SWITCHED) TO PC COM 2
N48VS3	4/5	-48V (SWITCHED) TO PC COM 3
N5M2	4/1	NEGATIVE 5 VOLT MEMORY COM 2
N5M3	4/5	NEGATIVE 5 VOLT MEMORY COM 3
OOL20	5/2	OUT OF LIMITS COM 2
OOL30	6/1	OUT OF LIMITS COM 3
OOS21	5/2	OUT OF SERVICE COM 2
OOS31	6/1	OUT OF SERVICE COM 3
OTO	5/2	POWER OUT OF TOLERANCE
PCSEL200	4/1	PERIPHERAL CONTROLLER SELECT COM 2, PC0)
PCSEL210	4/2	PERIPHERAL CONTROLLER SELECT COM 2, PC1)
PCSEL220	4/3	PERIPHERAL CONTROLLER SELECT COM 2, PC2)
PCSEL230	4/4	PERIPHERAL CONTROLLER SELECT COM 2, PC3)
PCSEL300	4/5	PERIPHERAL CONTROLLER SELECT COM 3), PC0)
PCSEL310	4/6	PERIPHERAL CONTROLLER SELECT COM 3, PC1)
PCSEL320	4/7	PERIPHERAL CONTROLLER SELECT COM 3, PC2)
PCSEL330	4/8	PERIPHERAL CONTROLLER SELECT COM 3, PC3)
PROGDMA1	3/2	PROGRAMMED IO OR DMA SELECT UN9
P12E2	4/1	POSITIVE 12 VOLTS EIA COM 2
P12E3	4/5	POSITIVE 12 VOLTS EIA COM 3
P12M2	4/1	POSITIVE 12 VOLTS MEMORY COM 2
P12M3	4/5	POSITIVE 12 VOLTS MEMORY CO
P5VE	4/1	LOGIC POWER SUPPLY F CONVERTER E
P5VF	1/1	+5V LOGIC POWER SUPPLY F CONVERTER F
P5VFA	3/1	+5V LOGIC POWER OPTION SEGMENT
P5VFB	3/2	+5V LOGIC POWER OPTION SEGMENT
RCON1R2	5/2	RELAY CONTACT 1 RETURN COM 2
RCON1R3	6/1	RELAY CONTACT 1 RETURN COM 3
RCON12	5/2	RELAY CONTACT 1 COM 2
RCON13	6/1	RELAY CONTACT 1 COM 3
READ01	1/1	READ SIGNAL TO MEMORY ARRAYS.
REF00	1/1	REFRESH SIGNAL TO MEMORY ARRAY
R1SL820	4/1	RESET ISOLATE COM 2
R1SL830	4/5	RESET ISOLATE COM 3

MNEMONIC	ES/SYM	DEFINITION
SELCEV00	1/1	SELECT COLUMN EVEN RESPONSE F MEMORY ARRAY
SELCOD00	1/1	SELECT COLUMN ODD RESPONSE F MEMORY ARRAY
SELREV00	1/1	SELECT ROW EVEN RESPONSE F MEMORY ARRAY
SELROD00	1/1	SELECT ROW ODD RESPONSE F MEMORY ARRAY
SEL0080	1/1	MEMORY ARRAY SELECTS
SEL0090	1/2	MEMORY ARRAY SELECTS
SEL0100	1/3	MEMORY ARRAY SELECTS
SEL0110	1/4	MEMORY ARRAY SELECTS
SEL0120	1/5	MEMORY ARRAY SELECTS
SEL0130	1/6	MEMORY ARRAY SELECTS
SEL0140	1/7	MEMORY ARRAY SELECTS
SEL0150	1/8	MEMORY ARRAY SELECTS
SER010	3/2	SERVICE REQUEST FOR CHANNEL 1,
SG001	1/1	GO SIGNALS TO MEMORY
SG011	1/2	GO SIGNALS TO MEMORY
SG021	1/3	GO SIGNALS TO MEMORY
SG031	1/2	GO SIGNALS TO MEMORY
SISL820	4/1	SET ISOE COM 2
SISL830	4/5	SET ISOE COM 3
SPEED1	3/2	SPEED SELECT FOR UN9
SPEED17	3/3	OPTION STRAP ON DSCH 10/20 MHZ
SPEED16	3/4	OPTION STRAP ON DSCH 10/20 MHZ
SR200	4/1	SERVICE REQUEST (COM 2, PC0)
SR210	4/2	SERVICE REQUEST (COM 2, PC1)
SR220	4/3	SERVICE REQUEST (COM 2, PC2)
SR230	4/4	SERVICE REQUEST (COM 2, PC3)
SR300	4/5	SERVICE REQUEST (COM 3, PC0)
SR310	4/6	SERVICE REQUEST (COM 3, PC1)
SR320	4/7	SERVICE REQUEST (COM 3, PC2)
SR330	4/8	SERVICE REQUEST (COM 3, PC3)
WRTH00	1/1	HAMMING WRITE SIGNALS TO
MEMORY ARRAYS		
WRT000	1/1	WRITE WORD SIGNAL TO MEM ARRAYS
WRT030	1/1	ADDRESS OPTION
01CLK(00-15)(N,P)	3/2	RECEIVE CLOCK PAIR TO UN9 CHANNEL 1 DEVICES 0-15
01DAH(00-15)(N,P)	3/2	DATA HIGH PAIRS FOR UN9 CHAN DEVICES 0-15
01DAL(00-15)(N,P)	3/2	DATA LOW PAIR FOR UN9 CHANNE DEVICES 0-15
01REQ(00-15)(N,P)	3/2	REQUEST PAIR UN9 CHANNE

MNEMONIC	ES/SYM	DEFINITION
		DEVICES 0-15
01XCK(00-15)(N,P)	3/2	TRANSMIT CLOCK PAIR FOR CHANNEL 1 DEVICES 0-15
20MHZ0	3/2	20 MHZ CLOCK ON UN9
48RCPU5	7/1	48V RETURN FOR CPU SEGMENT 5
48RIOP1	5/1	48V RETURN FOR IOP SEGMENT 1
48RIOP2	4/5	48V RETURN FOR IOP SEGMENT 2
48RIOP3	4/1	48V RETURN FOR IOP SEGMENT 3

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MAIN STORE IN IOP GROWTH UNIT

DWG SIZE	ISSUE
C2	9B

AT&T	SD-4C097-01	A3

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APPARATUS INDEX

EQUIP LOC	APP NO.	FIGURE SH NO.
CIRCUIT PACKS		
04-024	5	C2
04-028	1	C1
04-034	1	C1
04-040	1	C1
04-046	1	C1
04-056	4	C2
04-062	1	C1
04-068	1	C1
04-074	1	C1
04-080	1	C1
04-088	3	C1
04-088	3	C1
04-088	3	C1
04-096	3	C1
04-096	3	C1
04-096	3	C1
04-104	3	C1
04-104	3	C1
04-104	3	C1
04-112	3	C1
04-112	3	C1
04-120	2	C1
04-120	2	C1
04-120	2	C1
04-126	2	C1
04-126	2	C1
04-126	2	C1
04-132	2	C1
04-132	2	C1
04-132	2	C1
04-132	2	C1
04-138	2	C1
04-138	2	C1
04-138	2	C1
04-144	2	C1
04-144	2	C1
04-144	2	C1
04-150	2	C1
04-150	2	C1
04-150	2	C1
04-156	2	C1
04-156	2	C1
04-156	2	C1
04-162	2	C1
04-162	2	C1
04-162	2	C1
DESIG		
ACHI	3	C1
ACHI	3	C1
ACHI	3	C1
ACHI	3	C1
BUFR	3	C1
DSCH	3	C1
DSCH	3	C1
DSCH	3	C1
DSCH	3	C1
IMI	3	C1
MASA08	2	C1
MASA08	2	C1
MASA08	2	C1
MASA09	2	C1
MASA09	2	C1
MASA09	2	C1

DESIG	APP NO.	FIG. SH NO.
CIRCUIT PACKS(CONT)		
MASA10	2	C1
MASA10	2	C1
MASA10	2	C1
MASA11	2	C1
MASA11	2	C1
MASA11	2	C1
MASA12	2	C1
MASA12	2	C1
MASA12	2	C1
MASA13	2	C1
MASA13	2	C1
MASA13	2	C1
MASA14	2	C1
MASA14	2	C1
MASA14	2	C1
MASA15	2	C1
MASA15	2	C1
MASA15	2	C1
NICP	3	C1
PC20	1	C1
PC21	1	C1
PC22	1	C1
PC23	1	C1
PC30	1	C1
PC31	1	C1
PC32	1	C1
PC33	1	C1
PWRCONV2	4	C2
PWRCONV3	5	C2

DESIG	LOCATION FS/SYM	APP	FIG	EQPT
BTD				
BTD1	2/1	7		04-16781
BTD2	2/2	7		04-16782
BTD3	2/3	7		04-16783
BTD4	2/4	7		04-16784
BTD5	2/5	7		04-16985
BTD6	2/6	7		04-16986
BTD7	2/7	7		04-16987
BTD8	2/8	7		04-16988
CIRCUIT PACK-CP				
ACHI	3/1	3		04-088
ACHI	3/2	3		04-096
ACHI	3/3	3		04-104
ACHI	3/4	3		04-112
BUFR	3/1	3		04-088
DSCH	3/1	3		04-088
DSCH	3/2	3		04-096
DSCH	3/3	3		04-104
DSCH	3/4	3		04-112
IMI	3/2	3		04-096
MASA08	1/1	2		04-120
MASA08	1/1	2		04-120
MASA08	1/1	2		04-120
MASA09	1/2	2		04-126
MASA09	1/2	2		04-126
MASA09	1/2	2		04-126
MASA10	1/3	2		04-132
MASA10	1/3	2		04-132
MASA10	1/3	2		04-132
MASA11	1/4	2		04-138
MASA11	1/4	2		04-138
MASA11	1/4	2		04-138
MASA12	1/5	2		04-144
MASA12	1/5	2		04-144
MASA12	1/5	2		04-144
MASA13	1/6	2		04-150
MASA13	1/6	2		04-150
MASA13	1/6	2		04-150
MASA14	1/7	2		04-156
MASA14	1/7	2		04-156
MASA14	1/7	2		04-156
MASA15	1/8	2		04-162
MASA15	1/8	2		04-162
MASA15	1/8	2		04-162
NICP	3/3	3		04-104
PC20	4/1	1		04-080
PC21	4/2	1		04-074
PC22	4/3	1		04-068
PC23	4/4	1		04-062
PC30	4/5	1		04-046
PC31	4/6	1		04-040
PC32	4/7	1		04-034
PC33	4/8	1		04-028
PWRCONV2	5/2	4		04-056
PWRCONV3	6/1	5		04-024

DESIG	LOCATION FS/SYM	APP	FIG	EQPT
PWR CONV				
PWRUE	5/1	4		04-016
PWRUF	7/1	6		04-178

LEAD INDEX

DESIG	LOCATION FS/SYM	CAD
PROC CONTROL FRAME CKT		
01CLK00N	3/2	
01CLK00P	3/2	
01CLK01N	3/2	
01CLK01P	3/2	
01CLK02N	3/2	
01CLK02P	3/2	
01CLK03N	3/2	
01CLK03P	3/2	
01CLK04N	3/2	
01CLK04P	3/2	
01CLK05N	3/2	
01CLK05P	3/2	
01CLK06N	3/2	
01CLK06P	3/2	
01CLK07N	3/2	
01CLK07P	3/2	
01CLK08N	3/2	
01CLK08P	3/2	
01CLK09N	3/2	
01CLK09P	3/2	
01CLK10N	3/2	
01CLK10P	3/2	
01CLKT1N	3/2	
01CLK11P	3/2	
01CLK12N	3/2	
01CLK12P	3/2	
01CLK13N	3/2	
01CLK13P	3/2	
01CLK14N	3/2	
01CLK14P	3/2	
01CLK15N	3/2	
01CLK15P	3/2	
01DAH00N	3/2	
01DAH00P	3/2	
01DAH01N	3/2	
01DAH01P	3/2	
01DAH02N	3/2	
01DAH02P	3/2	
01DAH03N	3/2	
01DAH03P	3/2	
01DAH04N	3/2	
01DAH04P	3/2	
01DAH05N	3/2	
01DAH05P	3/2	
01DAH06N	3/2	
01DAH06P	3/2	
01DAH07N	3/2	
01DAH07P	3/2	
01DAH08N	3/2	
01DAH08P	3/2	
01DAH09N	3/2	
01DAH09P	3/2	
01DAH10N	3/2	
01DAH10P	3/2	
01DAH11N	3/2	
01DAH11P	3/2	
01DAH12N	3/2	
01DAH12P	3/2	
01DAH13N	3/2	
01DAH13P	3/2	
01DAH14N	3/2	
01DAH14P	3/2	
01DAH15N	3/2	
01DAH15P	3/2	
01DAL00N	3/2	

DESIG	LOCATION FS/SYM	CAD
PROC CONTROL FRAME CKT (CONT)		
01DAL00P	3/2	
01DAL01N	3/2	
01DAL01P	3/2	
01DAL02N	3/2	
01DAL02P	3/2	
01DAL03N	3/2	
01DAL03P	3/2	
01DAL04N	3/2	
01DAL04P	3/2	
01DAL05N	3/2	
01DAL05P	3/2	
01DAL06N	3/2	
01DAL06P	3/2	
01DAL07N	3/2	
01DAL07P	3/2	
01DAL08N	3/2	
01DAL08P	3/2	
01DAL09N	3/2	
01DAL09P	3/2	
01DAL10N	3/2	
01DAL10P	3/2	
01DAL11N	3/2	
01DAL11P	3/2	
01DAL12N	3/2	
01DAL12P	3/2	
01DAL13N	3/2	
01DAL13P	3/2	
01DAL14N	3/2	
01DAL14P	3/2	
01DAL15N	3/2	
01DAL15P	3/2	
01REQ00N	3/2	
01REQ00P	3/2	
01REQ01N	3/2	
01REQ01P	3/2	
01REQ02N	3/2	
01REQ02P	3/2	
01REQ03N	3/2	
01REQ03P	3/2	
01REQ04N	3/2	
01REQ04P	3/2	
01REQ05N	3/2	
01REQ05P	3/2	
01REQ06N	3/2	
01REQ06P	3/2	
01REQ07N	3/2	
01REQ07P	3/2	
01REQ08N	3/2	
01REQ08P	3/2	
01REQ09N	3/2	
01REQ09P	3/2	
01REQ10N	3/2	
01REQ10P	3/2	
01REQ11N	3/2	
01REQ11P	3/2	
01REQ12N	3/2	

DESIG	LOCATION FS/SYM	CAD
PROC CONTROL FRAME CKT (CONT)		
01RED12P	3/2	
01RED13N	3/2	
01RED13P	3/2	
01RED14N	3/2	
01RED14P	3/2	
01RED15N	3/2	
01RED15P	3/2	
01XCK00N	3/2	
01XCK00P	3/2	
01XCK01N	3/2	
01XCK01P	3/2	
01XCK02N	3/2	
01XCK02P	3/2	
01XCK03N	3/2	
01XCK03P	3/2	
01XCK04N	3/2	
01XCK04P	3/2	
01XCK05N	3/2	
01XCK05P	3/2	
01XCK06N	3/2	
01XCK06P	3/2	
01XCK07N	3/2	
01XCK07P	3/2	
01XCK08N	3/2	
01XCK08P	3/2	
01XCK09N	3/2	
01XCK09P	3/2	
01XCK10N	3/2	
01XCK10P	3/2	
01XCK11N	3/2	
01XCK11P	3/2	
01XCK12N	3/2	
01XCK12P	3/2	
01XCK13N	3/2	
01XCK13P	3/2	
01XCK14N	3/2	
01XCK14P	3/2	
01XCK15N	3/2	
01XCK15P	3/2	
20MHZ0	3/2	
48RCPU5	7/1	002,053
48RIOP1	5/1	002,053
48RIOP2	4/5	002,053
48RIOP3	4/1	002,053
ALRM0	5/2	052
CCALM0	7/1	050,051
CCSTN	7/1	050,051
CCSTP	7/1	050,051
CER100	3/4	
CER110	3/3	
CINT20	4/1	003,101
CINT30	4/5	003,101
CINTLC	7/1	050
CINTLD	7/1	051
CIOAD000	3/2	
CIOAD100	3/2	

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DESIG	LOCATION FS/SYM	CAD	PROC CONTROL FRAME CKT (CONT)
CIOAD200	3/2		
CIOAD300	3/2		
CIOAD400	3/2		
CIOAK000	3/2		
CIOAK100	3/2		
CIOAK200	3/2		
CIOAK300	3/2		
CIOAK400	3/2		
CIOAK500	3/2		
CIOASH0	3/2		
CIOCER0	3/2		
CIOCLE0	3/2		
CIOD000	3/2		
CIOD010	3/2		
CIOD020	3/2		
CIOD030	3/2		
CIOD040	3/2		
CIOD050	3/2		
CIOD060	3/2		
CIOD070	3/2		
CIOD080	3/2		
CIOD090	3/2		
CIOD100	3/2		
CIOD110	3/2		
CIOD120	3/2		
CIOD130	3/2		
CIOD140	3/2		
CIOD150	3/2		
CIOD160	3/2		
CIOD170	3/2		
CIOD180	3/2		
CIOD190	3/2		
CIOD200	3/2		
CIOD210	3/2		
CIOD220	3/2		
CIOD230	3/2		
CIOD240	3/2		
CIOD250	3/2		
CIOD260	3/2		
CIOD270	3/2		
CIOD280	3/2		
CIOD290	3/2		
CIOD300	3/2		
CIOD310	3/2		
CIOD320	3/2		
CIOD330	3/2		
CIOD340	3/2		
CIOD350	3/2		
CIOEACK0	3/2		
CIOIAK0	3/2		
CIOIDL0	3/2		
CIOINH0	3/2		
CIOMR0	3/2		
CIORD0	3/2		
CIORDY0	3/2		
CIORIN0	3/2		
CIORSRQ	3/2		
CIORST0	3/2		
CIOSAK0	3/2		
CIOWCA0	3/2		
CIOWD0	3/2		
CLRPCZ0	4/1	003,101	
CLRPC30	4/5	003,101	
CPMF	3/3		
CPMF	3/2		

DESIG	LOCATION FS/SYM	CAD	PROC CONTROL FRAME CKT (CONT)
CPMF	3/2		
CPMF	3/1		
CPMF	3/1		
CPMFA	3/1		
CPMFB	3/2		
CPMG	3/1	050,051	
CPMG	7/1		
CPPF	3/1		
CPPF	3/2		
CPPF	3/3		
CPPF	3/1		
CPPF	3/2		
CPPFA	3/1		
CPPFB	3/2		
CPPG	3/1	050,051	
CPPG	7/1		
CSA200	4/1	003,101	
CSA210	4/2	003,101	
CSA220	4/3	003,101	
CSA230	4/4	003,101	
CSA300	4/5	003,101	
CSA310	4/6	003,101	
CSA320	4/7	003,101	
CSA330	4/8	003,101	
DASW10	3/3		
DBXX00	3/2		
DCLE10	3/3		
DDB001	3/3		
DDB011	3/3		
DDB021	3/3		
DDB031	3/3		
DDB041	3/3		
DDB051	3/3		
DDB061	3/3		
DDB071	3/3		
DDB081	3/3		
DDB091	3/3		
DDB101	3/3		
DDB111	3/3		
DDB121	3/3		
DDB131	3/3		
DDB141	3/3		
DDB151	3/3		
DDB161	3/3		
DDB171	3/3		
DDB181	3/3		
DDB191	3/3		
DDB201	3/3		
DDB211	3/3		
DDB221	3/3		
DDB231	3/3		
DDB241	3/3		
DDB251	3/3		
DDB261	3/3		
DDB271	3/3		
DDB281	3/3		
DDB291	3/3		
DDB301	3/3		
DDB311	3/3		
DDB321	3/3		
DDB331	3/3		
DDB341	3/3		
DDB351	3/3		
DIDLE10	3/3		
DINT100	3/4		

DESIG	LOCATION FS/SYM	CAD	PROC CONTROL FRAME CKT (CONT)
DINT110	3/3		
DIOAD100	3/3		
DIOAD110	3/3		
DIOAK100	3/4		
DIOAK110	3/3		
DMA2001	4/1	003,101	
DMA2011	4/1	003,101	
DMA2021	4/1	003,101	
DMA2031	4/1	003,101	
DMA2041	4/1	003,101	
DMA2051	4/1	003,101	
DMA2061	4/1	003,101	
DMA2071	4/1	003,101	
DMA2081	4/1	003,101	
DMA2091	4/1	003,101	
DMA2101	4/1	003,101	
DMA2111	4/1	003,101	
DMA2121	4/1	003,101	
DMA2131	4/1	003,101	
DMA2141	4/1	003,101	
DMA2151	4/1	003,101	
DMA3001	4/5	003,101	
DMA3011	4/5	003,101	
DMA3021	4/5	003,101	
DMA3031	4/5	003,101	
DMA3041	4/5	003,101	
DMA3051	4/5	003,101	
DMA3061	4/5	003,101	
DMA3071	4/5	003,101	
DMA3081	4/5	003,101	
DMA3091	4/5	003,101	
DMA3101	4/5	003,101	
DMA3111	4/5	003,101	
DMA3121	4/5	003,101	
DMA3131	4/5	003,101	
DMA3141	4/5	003,101	
DMA3151	4/5	003,101	
DMAD201	4/1	003,101	
DMAD211	4/1	003,101	
DMAD221	4/1	003,101	
DMAD231	4/1	003,101	
DMAD241	4/1	003,101	
DMAD251	4/1	003,101	
DMAD261	4/1	003,101	
DMAD271	4/1	003,101	
DMAD281	4/1	003,101	
DMAD301	4/5	003,101	
DMAD311	4/5	003,101	
DMAD321	4/5	003,101	
DMAD331	4/5	003,101	
DMAD341	4/5	003,101	
DMAD351	4/5	003,101	
DMAD361	4/5	003,101	
DMAD371	4/5	003,101	
DMAD381	4/5	003,101	
DMADC20	4/1	003,101	
DMADC30	4/5	003,101	
DMAR100	3/4		
DMAR110	3/3		
DMARD20	4/1	003,101	
DMARD30	4/5	003,101	
DMARQ20	4/1	003,101	
DMARQ30	4/5	003,101	
DMAWR20	4/1	003,101	
DMAWR30	4/5	003,101	

DESIG	LOCATION FS/SYM	CAD	PROC CONTROL FRAME CKT (CONT)
DRD10	3/3		
DROY10	3/3		
DRINT10	3/3		
DRSR10	3/3		
DRST10	3/3		
DWCA10	3/3		
DWD10	3/3		
EADP0	1/1	003,100	
EHZ00	4/1	003,101	
ERZ10	4/2	003,101	
ERZ20	4/3	003,101	
ERZ30	4/4	003,101	
ER300	4/5	003,101	
ER310	4/6	003,101	
ER320	4/7	003,101	
ER330	4/8	003,101	
FPWRF0	5/1	052	
GRD04016	5/1	002,055	
GRD04096	3/2		
GRD04104	3/3		
ICALM10	5/1	052	
ICSTN	5/1	052	
ICSTP	5/1	052	
ILMT0	5/1	052	
INT010	3/2		
INT200	4/1	003,101	
INT210	4/2	003,101	
INT220	4/3	003,101	
INT230	4/4	003,101	
INT300	4/5	003,101	
INT310	4/6	003,101	
INT320	4/7	003,101	
INT330	4/8	003,101	
N48VCPU5	7/1	002,053	
N48VIOP1	5/1	002,053	
N48VIOP2	6/1	002,053	
N48VIOP3	5/2	002,053	
OOL20	5/2	003,101	
OOL30	6/1	003,101	
OOS21	5/2	003,101	
OOS31	6/1	003,101	
OTO	5/2	052	
P5VFA	3/1	002,055	
P5VFB	3/2	002	
PCSEL200	4/1	003,101	
PCSEL210	4/2	003,101	
PCSEL220	4/3	003,101	
PCSEL230	4/4	003,101	
PCSEL300	4/5	003,101	
PCSEL310	4/6	003,101	
PCSEL320	4/7	003,101	
PCSEL330	4/8	003,101	
PROGDMA1	3/2		
RISL820	4/1	003,101	
RISL830	4/5	003,101	
SEL0080	1/1	003,100	
SEL0090	1/2	003,100	
SEL0100	1/3	003,100	
SEL0110	1/4	003,100	
SEL0120	1/5	003,100	
SEL0130	1/6	003,100	
SEL0140	1/7	003,100	
SEL0150	1/8	003,100	
SER010	3/2		
SISL820	4/1	003,101	

DESIG	LOCATION FS/SYM	CAD	PROC CONTROL FRAME CKT (CONT)
SISL830	4/5	003,101	
SPEED1	3/2		
SR200	4/1	003,101	
SR210	4/2	003,101	
SR220	4/3	003,101	
SR230	4/4	003,101	
SR300	4/5	003,101	
SR310	4/6	003,101	
SR320	4/7	003,101	
SR330	4/8	003,101	

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PART OF FS I

MAIN STORE
INTERCONNECTION AND FLOW DIAGRAM

SEL0080 TO PROC CONTROL FRAME CKT

SG001 TO PROC CONTROL FRAME CKT 1/5-8,2/1-8(BTD)

EADPO TO PROC CONTROL FRAME CKT 1/5-8

A0190,A0020, A0102-1911 (20 LEADS)

CLRMOD,READ01,REF00, WRTH00,WRTO10,310 (6 LEADS)

TO PROC CONTROL FRAME CKT 1/5-8,2/1-8(BTD)

SEL0090 TO PROC CONTROL FRAME CKT

SG011 TO PROC CONTROL FRAME CKT 1/6,2/1-8(BTD)

SG051 TO PROC CONTROL FRAME CKT 1/8,2/1-8(BTD)

SEL0100 TO PROC CONTROL FRAME CKT

SG021 TO PROC CONTROL FRAME CKT 1/7,2/1-8(BTD)

SEL0110 TO PROC CONTROL FRAME CKT

SYMBOL NO. 1
MAIN STORE ARRAY
MASA08
04-120
(S) TN28 (NOTE 306)
(E) TN56 (NOTE 306)
(M) TN2812 (NOTE 308)
A

SYMBOL NO. 2
MAIN STORE ARRAY
MASA09
04-126
(S) TN28 (NOTE 306)
(U) TN56 (NOTE 306)
(M) TN2812 (NOTE 308)
A

SYMBOL NO. 3
MAIN STORE ARRAY
MASA10
04-132
(S) TN28 (NOTE 306)
(U) TN56 (NOTE 306)
(M) TN2812 (NOTE 308)
A

SYMBOL NO. 4
MAIN STORE ARRAY
MASA11
04-138
(S) TN28 (NOTE 306)
(U) TN56 (NOTE 306)
(M) TN2812 (NOTE 308)
A

ØT

ADPE00,ADPR00 (2 LEADS)

DO100-3110, DH00(0,3)0 (56 LEADS)

DP1X-2100,DPA00 (4 LEADS)

SELCEW00,SELGR000, SELRE100,SELWR000 (4 LEADS)

CPMF,CPPF (2 LEADS)

PSVF

TO PROC CONTROL FRAME CKT 1/5-8,2/1-8(BTD)

1/5-8,2/1-4,7/1,2/1-8(BTD)

PART OF FS 1
IFD SYMBOL(S) 1,2,3,4

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MAIN STORE
INTERCONNECTION AND FLOW DIAGRAM

1/1

AD190,AD102-1911, AD020 (20 LEADS)

CLR060, READ01,REF00,WRTH00, WRT000,WRT050

SG001

SEL0120 TO PROC CONTROL FRAME CKT.

EADP0 1/1

SEL0130 TO PROC CONTROL FRAME CKT.

SG011 1/2

SEL0140 TO PROC CONTROL FRAME CKT.

SG021 1/3

SEL0150 TO PROC CONTROL FRAME CKT.

SG031 1/2

SYMBOL NO. 5
MAIN STORE ARRAY
MASA12
04-144
(S) TN28 (NOTE 306)
(U) TN56 (NOTE 306)
(M) TN2012 (NOTE 308)
A

SYMBOL NO. 6
MAIN STORE ARRAY
MASA13
04-150
(S) TN28 (NOTE 306)
(U) TN56 (NOTE 306)
(M) TN2012 (NOTE 308)
A

SYMBOL NO. 7
MAIN STORE ARRAY
MASA14
04-156
(S) TN28 (NOTE 306)
(U) TN56 (NOTE 306)
(M) TN2012 (NOTE 308)
A

SYMBOL NO. 8
MAIN STORE ARRAY
MASA15
04-162
(S) TN28 (NOTE 306)
(U) TN56 (NOTE 306)
(M) TN2012 (NOTE 308)
A

ADPC000,ADPR00,DMD010-310, (16 LEADS)

DPA000,DP1X-Z100, (14 LEADS)

IN0100-3110 (32 LEADS)

SELCEV00,SELC0B00, SELREV00,SELR0B00 (14 LEADS)

3/3 CPMF,CPPF (2 LEADS)

2/1-86BTD1/1 P5WF

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IFP SYMBOL(S) 5,6,7,8

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PART OF FS 1

MAIN STORE

SYMBOL NO. 1

MAIN STORE ARRAY 8

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA08	04-120	TN28(NOTE 306)	A	(S)
MASA08	04-120	TN56(NOTE 306)	A	(U)
MASA08	04-120	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	0	LTSTACK0	108			
	(U)O	TEST00	253			
	(M)O	TEST00				
	(M)O	4MB00	355			
	(M)I	OHLFI0	106			
	I	LTEST0	110			
	I	CASEN0	134			
	I	EXTING0	136			
	I	LEDON0	138			
	I	PCURSPR	144			
	I	P5SENSE	148			
ADPC00	OT	ADPC00	114		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
ADPR00	OT	ADPR00	215		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
A0020	I	A02I0	233		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
A0021	I	A02I1	235		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
A0031	I	A03I1	339		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
A0041	I	A04I1	241		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
A0051	I	A05I1	341		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
A0061	I	A06I1	342		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
A0071	I	A07I1	317		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	

SYMBOL NO. 1 (CONT)

MAIN STORE ARRAY 8

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA08	04-120	TN28(NOTE 306)	A	(S)
MASA08	04-120	TN56(NOTE 306)	A	(U)
MASA08	04-120	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
A0081	I	A08I1	318		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
A0091	I	A09I1	219		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
A0101	I	A10I1	332		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
A0111	I	A11I1	333		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
A0121	I	A12I1	335		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
A0131	I	A13I1	336		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
A0141	I	A14I1	237		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
A0151	I	A15I1	338		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
A0161	I	A16I1	217		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
A0171	I	A17I1	213		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
A0181	I	A18I1	209		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	

SYMBOL NO. 1 (CONT)

MAIN STORE ARRAY 8

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA08	04-120	TN28(NOTE 306)	A	(S)
MASA08	04-120	TN56(NOTE 306)	A	(U)
MASA08	04-120	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
A0190	(U)I	BSELI0	019		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
	(M)I	A21I0				
	(S)I	A19I0				
A0191	I	A19I1	037		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
CLRM00	(U)GRD	GRD	321		2/1-8(BTD) TO PROC CONTROL FRAME CKT	
	(M)IO	A4MSELO1				
CPMF	IO	PCURAPR	243		3/3	
CPPF	(U)I	NCURPR	146		3/3	
	(S)IO	NCURPR				
	(M)I	NCURPR				
DH0000	OT	DH00B0	014		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
DH0010	OT	DH01B0	314		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
DH0020	OT	DH02B0	039		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
DH0030	OT	DH03B0	042		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
DPA00	OT	DPAB0	313		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
DPX00	OT	DPXB0	015		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
DPY00	OT	DPYB0	040		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
DPZ00	OT	DPZB0	043		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL	

SYMBOL NO. 1 (CONT)

MAIN STORE ARRAY 8

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA08	04-120	TN28(NOTE 306)	A	(S)
MASA08	04-120	TN56(NOTE 306)	A	(U)
MASA08	04-120	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
D0000	OT	D00B0	344		FRAME CKT 1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0010	OT	D01B0	347		1/2,1/3 1/4,1/5 1/6,1/7 1, 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0020	OT	D02B0	350		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0030	OT	D03B0	353		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0040	OT	D04B0	301		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0050	OT	D05B0	304		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0060	OT	D06B0	307		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0070	OT	D07B0	310		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0080	OT	D08B0	345		1/2,1/3 1/4,1/5 1/6,1/7 1/8	

PART OF FS 1
SYMBOL(S) 1

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SYMBOL NO. 1 (CONT)

MAIN STORE ARRAY 8

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA08	04-120	TN28(NOTE 306)	A	(S)
MASA08	04-120	TN56(NOTE 306)	A	(U)
MASA08	04-120	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
					2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0090	OT	D09B0	348		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0100	OT	D10B0	351		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0110	OT	D11B0	354		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0120	OT	D12B0	302		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0130	OT	D13B0	305		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PRLC CONTROL FRAME CKT	
D0140	OT	D14B0	308		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0150	OT	D15B0	311		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0160	OT	D16B0	045		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0170	OT	D17B0	048		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0180	OT	D18B0	051		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0190	OT	D19B0	054		1/2,1/3 1/4,1/5 1/6,1/7 1/8	

SYMBOL NO. 1 (CONT)

MAIN STORE ARRAY 8

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA08	04-120	TN28(NOTE 306)	A	(S)
MASA08	04-120	TN56(NOTE 306)	A	(U)
MASA08	04-120	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
					2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0200	OT	D20B0	002		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0210	OT	D21B0	005		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0220	OT	D22B0	008		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0230	OT	D23B0	011		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0240	OT	D24B0	046		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0250	OT	D25B0	049		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0260	OT	D26B0	052		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0270	OT	D27B0	055		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0280	OT	D28B0	003		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0290	OT	D29B0	006		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0300	OT	D30B0	009		1/2,1/3 1/4,1/5 1/6,1/7	

SYMBOL NO. 1 (CONT)

MAIN STORE ARRAY 8

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA08	04-120	TN28(NOTE 306)	A	(S)
MASA08	04-120	TN56(NOTE 306)	A	(U)
MASA08	04-120	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
					1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
D0310	OT	D31B0	012		1/2,1/3 1/4,1/5 1/6,1/7 1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
EADP0	(S)I	EADP0	112	(N)	(N)1/2,(N)1/3	
	(U)I				(N)1/4,(N)1/5	
	(M)O	EADP00			(N)1/6,(N)1/7 (N)1/8 TO PROC CONTROL FRAME CKT	
GRD04120	(S)IO	CASEN0	135			
	(U)I	CASEN0				
	(M)I	CASEN0				
	(S)IO	EXTINGO	137			
	(U)I	EXTINGO				
	(M)I	EXTINGO				
	GRD	GRD	004			
	GRD	GRD	007			
	GRD	GRD	010			
	GRD	GRD	013			
	GRD	GRD	016			
	GRD	GRD	018			
	GRD	GRD	020			
	GRD	GRD	022			
	GRD	GRD	023			
	GRD	GRD	034			
	GRD	GRD	036			
	GRD	GRD	038			
	GRD	GRD	041			
	GRD	GRD	044			
	GRD	GRD	047			
	GRD	GRD	050			
	GRD	GRD	053			
	GRD	GRD	056			
	GRD	GRD	103			
	GRD	GRD	105			
	GRD	GRD	107			
	GRD	GRD	109			
	GRD	GRD	111			
	GRD	GRD	113			
	GRD	GRD	115			
	GRD	GRD	117			
	GRD	GRD	119			
	GRD	GRD	121			
	GRD	GRD	123			
	GRD	GRD	133			
	GRD	GRD	139			
	GRD	GRD	141			
	GRD	GRD	143			
	GRD	GRD	145			
	GRD	GRD	147			
	GRD	GRD	149			
	GRD	GRD	151			
	GRD	GRD	153			
	GRD	GRD	155			

SYMBOL NO. 1 (CONT)

MAIN STORE ARRAY 8

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA08	04-120	TN28(NOTE 306)	A	(S)
MASA08	04-120	TN56(NOTE 306)	A	(U)
MASA08	04-120	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	200			
	GRD	GRD	202			
	GRD	GRD	204			
	GRD	GRD	206			
	GRD	GRD	208			
	GRD	GRD	210			
	GRD	GRD	212			
	GRD	GRD	214			
	GRD	GRD	216			
	GRD	GRD	218			
	GRD	GRD	220			
	GRD	GRD	221			
	GRD	GRD	222			
	GRD	GRD	232			
	GRD	GRD	234			
	GRD	GRD	236			
	GRD	GRD	238			
	GRD	GRD	240			
	GRD	GRD	242			
	GRD	GRD	244			
	GRD	GRD	246			
	GRD	GRD	248			
	GRD	GRD	250			
	GRD	GRD	252			
	GRD	GRD	254			
	GRD	GRD	303			
	GRD	GRD	306			
	GRD	GRD	309			
	GRD	GRD	312			
	GRD	GRD	315			
	GRD	GRD	316			
	GRD	GRD	319			
	GRD	GRD	322			
	GRD	GRD	323			
	GRD	GRD	324			
	GRD	GRD	334			
	GRD	GRD	337			
	GRD	GRD	340			
	GRD	GRD	343			
	GRD	GRD	346			
	GRD	GRD	349			
	GRD	GRD	352			
	GRD	GRD	356			
P5VF	PWR	VCC	001		1/1	
	PWR	VCC	100		1/1	
	PWR	VCC	101		1/1	
	PWR	VCC	102		1/1 2/1-8(BTD) TO PROC CONTROL	

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SYMBOL(S) 1

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SYMBOL NO. 1 (CONT)

MAIN STORE ARRAY 8

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA08	04-120	TN28(NOTE 306)	A	(S)
MASA08	04-120	TN56(NOTE 306)	A	(U)
MASA08	04-120	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
					FRAME CKT	
	PWR	VCC	Z01		1/1	
	PWR	VCC	300		1/1	
	PWR	VCC	000		1/2,1/3	
					1/4,1/5	
					1/6,1/7	
					1/8,3/3	
					3/4,7/1	
READ01	I	READI1	024		1/2,1/3	
					1/4,1/5	
					1/6,1/7	
					1/8	
					2/1-8(BTD)	
					TO PROC CONTROL	
					FRAME CKT	
REF00	I	REFI0	320		1/2,1/3	
					1/4,1/5	
					1/6,1/7	
					1/8	
					2/1-8(BTD)	
					TO PROC CONTROL	
					FRAME CKT	
SELCEV00	OT	SELCA00	118		1/2,1/3	
					1/4,1/5	
					1/6,1/7	
					1/8	
					2/1-8(BTD)	
					TO PROC CONTROL	
					FRAME CKT	
SELCOD00	OT	SELCB00	116		1/2,1/3	
					1/4,1/5	
					1/6,1/7	
					1/8	
					2/1-8(BTD)	
					TO PROC CONTROL	
					FRAME CKT	
SELREV00	OT	SELRA00	122		1/2,1/3	
					1/4,1/5	
					1/6,1/7	
					1/8	
					2/1-8(BTD)	
					TO PROC CONTROL	
					FRAME CKT	
SELROD00	OT	SELRB00	120		1/2,1/3	
					1/4,1/5	
					1/6,1/7	
					1/8	
					2/1-8(BTD)	
					TO PROC CONTROL	
					FRAME CKT	
SEL0080	I	SELI0	033		TO PROC CONTROL	
					FRAME CKT	
SG001	I	GOI1	223		1/5	
					2/1-8(BTD)	
					TO PROC CONTROL	
					FRAME CKT	
WRTH00	I	WRTHI0	021		1/2,1/3	
					1/4,1/5	
					1/6,1/7	
					1/8	
					2/1-8(BTD)	
					TO PROC CONTROL	
					FRAME CKT	
WRT000	I	WRT010	035		1/2,1/3	
					1/4,1/5	
					1/6,1/7	
					1/8	
					2/1-8(BTD)	
					TO PROC CONTROL	
					FRAME CKT	
WRT030	(U)I	A2011	017		1/2,1/3	
	(M)I	A2011			1/4,1/5	
					1/6,1/7	
					1/8	
					2/1-8(BTD)	

SYMBOL NO. 1 (CONT)

MAIN STORE ARRAY 8

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA08	04-120	TN28(NOTE 306)	A	(S)
MASA08	04-120	TN56(NOTE 306)	A	(U)
MASA08	04-120	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
					TO PROC CONTROL	
					FRAME CKT	

SYMBOL NO. 2

MAIN STORE ARRAY 9

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA09	04-126	TN28(NOTE 306)	A	(S)
MASA09	04-126	TN56(NOTE 306)	A	(U)
MASA09	04-126	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	0	LTSTACK0	108			
	(U)O	TESTO0	253			
	(M)O	TESTO0				
	(M)O	4MB00	355			
	(M)I	OHLF10	106			
	I	LTEST0	110			
	I	CASEN0	134			
	I	EXTING0	136			
	I	LEDON0	138			
	I	P55SENSE	148			
	I	PCURAPR	243			
ADPC00	OT	ADPC00	114		1/1	
ADPR00	OT	ADPR00	215		1/1	
A0020	I	A02I0	233		1/1	
A0021	I	A02I1	235		1/1	
A0031	I	A03I1	339		1/1	
A0041	I	A04I1	241		1/1	
A0051	I	A05I1	341		1/1	
A0061	I	A06I1	342		1/1	
A0071	I	A07I1	317		1/1	
A0081	I	A08I1	318		1/1	
A0091	I	A09I1	219		1/1	
A0101	I	A10I1	332		1/1	
A0111	I	A11I1	333		1/1	
A0121	I	A12I1	335		1/1	
A0131	I	A13I1	336		1/1	
A0141	I	A14I1	237		1/1	
A0151	I	A15I1	338		1/1	
A0161	I	A16I1	217		1/1	
A0171	I	A17I1	213		1/1	
A0181	I	A18I1	209		1/1	
A0190	(U)I	BSELI0	019		1/1	
	(M)I	A21I0				
	(S)I	A19I0				
A0191	I	A19I1	037		1/1	
CLRM00	(U)GRD	GRD	321			
	(M)IO	A4MSELO1				
CPMF	(U)I	PCURSPR	144		3/3	
	(S)IO	PCURSPR				
	(M)I	PCURSPR				
CPPF	(U)I	NCURPR	146		3/3	
	(S)IO	NCURPR				
	(M)I	NCURPR				
DH0000	OT	DH00B0	014		1/1	

SYMBOL NO. 2 (CONT)

MAIN STORE ARRAY 9

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA09	04-126	TN28(NOTE 306)	A	(S)
MASA09	04-126	TN56(NOTE 306)	A	(U)
MASA09	04-126	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
DH0010	OT	DH01B0	314		1/1	
DH0020	OT	DH02B0	039		1/1	
DH0030	OT	DH03B0	042		1/1	
DPA00	OT	DPAB0	313		1/1	
DPX00	OT	DPXB0	015		1/1	
DPY00	OT	DPYB0	040		1/1	
DPZ00	OT	DPZB0	043		1/1	
D0000	OT	D00B0	344		1/1	
D0010	OT	D01B0	347		1/1	
D0020	OT	D02B0	350		1/1	
D0030	OT	D03B0	353		1/1	
D0040	OT	D04B0	301		1/1	
D0050	OT	D05B0	304		1/1	
D0060	OT	D06B0	307		1/1	
D0070	OT	D07B0	310		1/1	
D0080	OT	D08B0	345		1/1	
D0090	OT	D09B0	348		1/1	
D0100	OT	D10B0	351		1/1	
D0110	OT	D11B0	354		1/1	
D0120	OT	D12B0	302		1/1	
D0130	OT	D13B0	305		1/1	
D0140	OT	D14B0	308		1/1	
D0150	OT	D15B0	311		1/1	
D0160	OT	D16B0	045		1/1	
D0170	OT	D17B0	048		1/1	
D0180	OT	D18B0	051		1/1	
D0190	OT	D19B0	054		1/1	
D0200	OT	D20B0	002		1/1	
D0210	OT	D21B0	005		1/1	
D0220	OT	D22B0	008		1/1	
D0230	OT	D23B0	011		1/1	
D0240	OT	D24B0	046		1/1	
D0250	OT	D25B0	049		1/1	
D0260	OT	D26B0	052		1/1	
D0270	OT	D27B0	055		1/1	
D0280	OT	D28B0	003		1/1	
D0290	OT	D29B0	006		1/1	
D0300	OT	D30B0	009		1/1	
D0310	OT	D31B0	012		1/1	
EADP0	(S)I	EADP0	112	(N)	(N)1/1	
	(U)I					
	(M)O	EADP00				
GRD04126	(S)IO	CASEN0	135			
	(U)I	CASEN0				
	(M)I	CASEN0				
	(S)IO	EXTING0	137			
	(U)I	EXTING0				
	(M)I	EXTING0				
	GRD	GRD	004			
	GRD	GRD	007			
	GRD	GRD	010			
	GRD	GRD	013			
	GRD	GRD	016			
	GRD	GRD	018			
	GRD	GRD	020			
	GRD	GRD	022			
	GRD	GRD	023			
	GRD	GRD	034			
	GRD	GRD	036			
	GRD	GRD	038			

SYMBOL NO. 2 (CONT)

MAIN STORE ARRAY 9

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA09	04-126	TN28(NOTE 306)	A	(S)
MASA09	04-126	TN56(NOTE 306)	A	(U)
MASA09	04-126	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	041			
	GRD	GRD	044			
	GRD	GRD	047			
	GRD	GRD	050			
	GRD	GRD	053			
	GRD	GRD	056			
	GRD	GRD	103			
	GRD	GRD	105			
	GRD	GRD	107			
	GRD	GRD	109			
	GRD	GRD	111			
	GRD	GRD	113			
	GRD	GRD	115			
	GRD	GRD	117			
	GRD	GRD	119			
	GRD	GRD	121			
	GRD	GRD	123			
	GRD	GRD	133			
	GRD	GRD	139			
	GRD	GRD	141			
	GRD	GRD	143			
	GRD	GRD	145			
	GRD	GRD	147			
	GRD	GRD	149			
	GRD	GRD	151			
	GRD	GRD	153			
	GRD	GRD	155			
	GRD	GRD	200			
	GRD	GRD	202			
	GRD	GRD	204			
	GRD	GRD	206			
	GRD	GRD	208			
	GRD	GRD	210			
	GRD	GRD	212			
	GRD	GRD	214			
	GRD	GRD	216			
	GRD	GRD	218			
	GRD	GRD	220			
	GRD	GRD	221			
	GRD	GRD	222			
	GRD	GRD	232			
	GRD	GRD	234			
	GRD	GRD	236			
	GRD	GRD	238			
	GRD	GRD	240			
	GRD	GRD	242			
	GRD	GRD	244			
	GRD	GRD	246			

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SYMBOL(S) 1 2

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SYMBOL NO. 2 (CONT)

MAIN STORE ARRAY 9

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA09	04-126	TN28(NOTE 306)	A	(S)
MASA09	04-126	TN56(NOTE 306)	A	(U)
MASA09	04-126	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	248			
	GRD	GRD	250			
	GRD	GRD	252			
	GRD	GRD	254			
	GRD	GRD	303			
	GRD	GRD	306			
	GRD	GRD	309			
	GRD	GRD	312			
	GRD	GRD	315			
	GRD	GRD	316			
	GRD	GRD	319			
	GRD	GRD	322			
	GRD	GRD	323			
	GRD	GRD	324			
	GRD	GRD	334			
	GRD	GRD	337			
	GRD	GRD	340			
	GRD	GRD	343			
	GRD	GRD	346			
	GRD	GRD	349			
	GRD	GRD	352			
	GRD	GRD	356			
P5VF	PWR	VCC	000		1/1	
	PWR	VCC	001		1/1	
	PWR	VCC	100		1/1	
	PWR	VCC	101		1/1	
	PWR	VCC	102		1/1	
	PWR	VCC	201		1/1	
	PWR	VCC	300		1/1	
READ01	I	READI1	024		1/1	
REF00	I	REFI0	320		1/1	
SELDEV00	OT	SELCB00	116		1/1	
SELCOD00	OT	SELCA00	118		1/1	
SELREV00	OT	SELRB00	120		1/1	
SELROD00	OT	SELRA00	122		1/1	
SEL0090	I	SELI0	033		TO PROC CONTROL FRAME CKT	
SG011	I	GOI1	223		1/6 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
SG031	I		032		1/4,1/8 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
WRTH00	I	WRTHI0	021		1/1	
WRT000	I	WRTQI0	035		1/1	
WRT030	(U)I	A2011	017		1/1	
	(M)I	A2011				

SYMBOL NO. 3

MAIN STORE ARRAY 10

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA10	04-132	TN28(NOTE 306)	A	(S)
MASA10	04-132	TN56(NOTE 306)	A	(U)
MASA10	04-132	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	LTSTACK0	108			
	(U)O	TEST00	253			
	(M)O	TEST00				
	(M)O	4MB00	355			
	(M)I	OHLFI0	106			
	I	LTEST0	110			
	I	CASEN0	134			
	I	EXTING0	136			
	I	LEDON0	138			
	I	P5SENSE	148			
	I	PCURAPR	243			
ADPC00	OT	ADPC00	114		1/1	
ADPR00	OT	ADPR00	215		1/1	
A0020	I	A0210	233		1/1	
A0021	I	A0211	235		1/1	
A0031	I	A0311	339		1/1	
A0041	I	A0411	241		1/1	
A0051	I	A0511	341		1/1	
A0061	I	A0611	342		1/1	
A0071	I	A0711	317		1/1	
A0081	I	A0811	318		1/1	
A0091	I	A0911	219		1/1	
A0101	I	A1011	332		1/1	
A0111	I	A1111	333		1/1	
A0121	I	A1211	335		1/1	
A0131	I	A1311	336		1/1	
A0141	I	A1411	237		1/1	
A0151	I	A1511	338		1/1	
A0161	I	A1611	217		1/1	
A0171	I	A1711	213		1/1	
A0181	I	A1811	209		1/1	
A0190	(U)I	BSELI0	019		1/1	
	(M)I	A2110				
	(S)I	A1910				
A0191	I	A1911	037		1/1	
CLRM00	(U)GRD	GRD	321			
	(M)IO	A4MSELO1				
CPMF	(U)I	PCURSPR	144		3/3	
	(S)IO	PCURSPR				
	(M)I	PCURSPR				
CPPF	(U)I	NCURPR	146		3/3	
	(S)IO	NCURPR				
	(M)I	NCURPR				
DH0000	OT	DH00B0	014		1/1	
DH0010	OT	DH01B0	314		1/1	
DH0020	OT	DH02B0	039		1/1	
DH0030	OT	DH03B0	042		1/1	
DPA00	OT	DPAB0	313		1/1	
DPX00	OT	DPXB0	015		1/1	
DPY00	OT	DPYB0	040		1/1	
DPZ00	OT	DPZB0	043		1/1	
D0000	OT	D00B0	344		1/1	
D0010	OT	D01B0	347		1/1	
D0020	OT	D02B0	350		1/1	
D0030	OT	D03B0	353		1/1	
D0040	OT	D04B0	301		1/1	
D0050	OT	D05B0	304		1/1	
D0060	OT	D06B0	307		1/1	
D0070	OT	D07B0	310		1/1	

SYMBOL NO. 3 (CONT)

MAIN STORE ARRAY 10

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA10	04-132	TN28(NOTE 306)	A	(S)
MASA10	04-132	TN56(NOTE 306)	A	(U)
MASA10	04-132	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
D0080	OT	D08B0	345		1/1	
D0090	OT	D09B0	348		1/1	
D0100	OT	D10B0	351		1/1	
D0110	OT	D11B0	354		1/1	
D0120	OT	D12B0	302		1/1	
D0130	OT	D13B0	305		1/1	
D0140	OT	D14B0	308		1/1	
D0150	OT	D15B0	311		1/1	
D0160	OT	D16B0	045		1/1	
D0170	OT	D17B0	048		1/1	
D0180	OT	D18B0	051		1/1	
D0190	OT	D19B0	054		1/1	
D0200	OT	D20B0	002		1/1	
D0210	OT	D21B0	005		1/1	
D0220	OT	D22B0	008		1/1	
D0230	OT	D23B0	011		1/1	
D0240	OT	D24B0	046		1/1	
D0250	OT	D25B0	049		1/1	
D0260	OT	D26B0	052		1/1	
D0270	OT	D27B0	055		1/1	
D0280	OT	D28B0	003		1/1	
D0290	OT	D29B0	006		1/1	
D0300	OT	D30B0	009		1/1	
D0310	OT	D31B0	012		1/1	
EADP0	(S)I	EADP0	112	(N)	(N)1/1	
	(U)I					
	(M)O	EADP00				
GRD04132	(S)IO	CASEN0	135			
	(U)I	CASEN0				
	(M)I	CASEN0				
	(S)IO	EXTING0	137			
	(U)I	EXTING0				
	(M)I	EXTING0				
	GRD	GRD	004			
	GRD	GRD	007			
	GRD	GRD	010			
	GRD	GRD	013			
	GRD	GRD	016			
	GRD	GRD	018			
	GRD	GRD	020			
	GRD	GRD	022			
	GRD	GRD	023			
	GRD	GRD	034			
	GRD	GRD	036			
	GRD	GRD	038			
	GRD	GRD	041			
	GRD	GRD	044			
	GRD	GRD	047			
	GRD	GRD	050			
	GRD	GRD	053			
	GRD	GRD	056			
	GRD	GRD	103			
	GRD	GRD	105			
	GRD	GRD	107			
	GRD	GRD	109			
	GRD	GRD	111			
	GRD	GRD	113			
	GRD	GRD	115			
	GRD	GRD	117			
	GRD	GRD	119			

SYMBOL NO. 3 (CONT)

MAIN STORE ARRAY 10

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA10	04-132	TN28(NOTE 306)	A	(S)
MASA10	04-132	TN56(NOTE 306)	A	(U)
MASA10	04-132	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	121			
	GRD	GRD	123			
	GRD	GRD	133			
	GRD	GRD	139			
	GRD	GRD	141			
	GRD	GRD	143			
	GRD	GRD	145			
	GRD	GRD	147			
	GRD	GRD	149			
	GRD	GRD	151			
	GRD	GRD	153			
	GRD	GRD	155			
	GRD	GRD	200			
	GRD	GRD	202			
	GRD	GRD	204			
	GRD	GRD	206			
	GRD	GRD	208			
	GRD	GRD	210			
	GRD	GRD	212			
	GRD	GRD	214			
	GRD	GRD	216			
	GRD	GRD	218			
	GRD	GRD	220			
	GRD	GRD	221			
	GRD	GRD	222			
	GRD	GRD	232			
	GRD	GRD	234			
	GRD	GRD	236			
	GRD	GRD	238			
	GRD	GRD	240			
	GRD	GRD	242			
	GRD	GRD	244			
	GRD	GRD	246			
	GRD	GRD	248			
	GRD	GRD	250			
	GRD	GRD	252			
	GRD	GRD	254			
	GRD	GRD	303			
	GRD	GRD	306			
	GRD	GRD	309			
	GRD	GRD	312			
	GRD	GRD	315			
	GRD	GRD	316			
	GRD	GRD	319			
	GRD	GRD	322			
	GRD	GRD	323			
	GRD	GRD	324			
	GRD	GRD	334			

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SYMBOL(S) 2 3

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MAIN STORE

SYMBOL NO. 3 (CONT)

MAIN STORE ARRAY 10

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA10	04-132	TN28(NOTE 306)	A	(S)
MASA10	04-132	TN56(NOTE 306)	A	(U)
MASA10	04-132	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	337			
	GRD	GRD	340			
	GRD	GRD	343			
	GRD	GRD	346			
	GRD	GRD	349			
	GRD	GRD	352			
	GRD	GRD	356			
P5VF	PWR	VCC	000		1/1	
	PWR	VCC	001		1/1	
	PWR	VCC	100		1/1	
	PWR	VCC	101		1/1	
	PWR	VCC	102		1/1	
	PWR	VCC	201		1/1	
	PWR	VCC	300		1/1	
READ01	I	READ11	024		1/1	
REF00	I	REF10	320		1/1	
SELCEV00	OT	SELCB00	116		1/1	
SELCOD00	OT	SELCA00	118		1/1	
SELREV00	OT	SELR800	120		1/1	
SELROD00	OT	SELRA00	122		1/1	
SEL0100	I	SEL10	033		TO PROC CONTROL FRAME CKT	
SG021	I	G011	223		1/7 2/1-8(BTD) TO PROC CONTROL FRAME CKT	
WRTH00	I	WRTH10	021		1/1	
WRT000	I	WRT010	035		1/1	
WRT030	(U)I	A2011	017		1/1	
	(M)I	A2011				

SYMBOL NO. 4

MAIN STORE ARRAY 11

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA11	04-138	TN28(NOTE 306)	A	(S)
MASA11	04-138	TN56(NOTE 306)	A	(U)
MASA11	04-138	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	LTSTACK0	108			
	(U)O	TEST00	253			
	(M)O	TEST00				
	(M)O	4MB00	355			
	(M)I	OHLF10	106			
	I	LTEST0	110			
	I	CASEN0	134			
	I	EXTING0	136			
	I	LEDON0	138			
	I	PSSENSE	148			
	I	PCURAPR	243			
ADPC00	OT	ADPC00	114		1/1	
ADPR00	OT	ADPR00	215		1/1	

SYMBOL NO. 4 (CONT)

MAIN STORE ARRAY 11

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA11	04-138	TN28(NOTE 306)	A	(S)
MASA11	04-138	TN56(NOTE 306)	A	(U)
MASA11	04-138	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
A0020	I	A02I0	233		1/1	
A0021	I	A02I1	235		1/1	
A0031	I	A03I1	339		1/1	
A0041	I	A04I1	241		1/1	
A0051	I	A05I1	341		1/1	
A0061	I	A06I1	342		1/1	
A0071	I	A07I1	317		1/1	
A0081	I	A08I1	318		1/1	
A0091	I	A09I1	219		1/1	
A0101	I	A10I1	332		1/1	
A0111	I	A11I1	333		1/1	
A0121	I	A12I1	335		1/1	
A0131	I	A13I1	336		1/1	
A0141	I	A14I1	237		1/1	
A0151	I	A15I1	338		1/1	
A0161	I	A16I1	217		1/1	
A0171	I	A17I1	213		1/1	
A0181	I	A18I1	209		1/1	
A0190	(U)I	BSELI0	019		1/1	
	(M)I	A21I0				
	(S)I	A19I0				
A0191	I	A19I1	037		1/1	
CLRM00	(U)GRD	GRD	321			
	(M)IO	A4MSELO1				
CPMF	(U)I	PCURSPR	144		3/3	
	(S)IO	PCURSPR				
	(M)I	PCURSPR				
CPPF	(U)I	NCURPR	146		3/3	
	(S)IO	NCURPR				
	(M)I	NCURPR				
DH0000	OT	DH00B0	014		1/1	
DH0010	OT	DH01B0	314		1/1	
DH0020	OT	DH02B0	039		1/1	
DH0030	OT	DH03B0	042		1/1	
DPA00	OT	DPA80	313		1/1	
DPX00	OT	DPXB0	015		1/1	
DPY00	OT	DPYB0	040		1/1	
DPZ00	OT	DPZB0	043		1/1	
D0000	OT	D00B0	344		1/1	
D0010	OT	D01B0	347		1/1	
D0020	OT	D02B0	350		1/1	
D0030	OT	D03B0	353		1/1	
D0040	OT	D04B0	301		1/1	
D0050	OT	D05B0	304		1/1	
D0060	OT	D06B0	307		1/1	
D0070	OT	D07B0	310		1/1	
D0080	OT	D08B0	345		1/1	
D0090	OT	D09B0	348		1/1	
D0100	OT	D10B0	351		1/1	
D0110	OT	D11B0	354		1/1	
D0120	OT	D12B0	302		1/1	
D0130	OT	D13B0	305		1/1	
D0140	OT	D14B0	308		1/1	
D0150	OT	D15B0	311		1/1	
D0160	OT	D16B0	045		1/1	
D0170	OT	D17B0	048		1/1	
D0180	OT	D18B0	051		1/1	
D0190	OT	D19B0	054		1/1	
D0200	OT	D20B0	002		1/1	
D0210	OT	D21B0	005		1/1	
D0220	OT	D22B0	008		1/1	

SYMBOL NO. 4 (CONT)

MAIN STORE ARRAY 11

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA11	04-138	TN28(NOTE 306)	A	(S)
MASA11	04-138	TN56(NOTE 306)	A	(U)
MASA11	04-138	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
D0230	OT	D23B0	011		1/1	
D0240	OT	D24B0	046		1/1	
D0250	OT	D25B0	049		1/1	
D0260	OT	D26B0	052		1/1	
D0270	OT	D27B0	055		1/1	
D0280	OT	D28B0	003		1/1	
D0290	OT	D29B0	006		1/1	
D0300	OT	D30B0	009		1/1	
D0310	OT	D31B0	012		1/1	
EADP0	(S)I	EADP0	112	(N)	(N)1/1	
	(U)I					
	(M)O	EADP00				
GRD04138	(S)IO	CASEN0	135			
	(U)I	CASEN0				
	(M)I	CASEN0				
	(S)IO	EXTING0	137			
	(U)I	EXTING0				
	(M)I	EXTING0				
	GRD	GRD	004			
	GRD	GRD	007			
	GRD	GRD	010			
	GRD	GRD	013			
	GRD	GRD	016			
	GRD	GRD	018			
	GRD	GRD	020			
	GRD	GRD	022			
	GRD	GRD	023			
	GRD	GRD	034			
	GRD	GRD	036			
	GRD	GRD	038			
	GRD	GRD	041			
	GRD	GRD	044			
	GRD	GRD	047			
	GRD	GRD	050			
	GRD	GRD	053			
	GRD	GRD	056			
	GRD	GRD	103			
	GRD	GRD	105			
	GRD	GRD	107			
	GRD	GRD	109			
	GRD	GRD	111			
	GRD	GRD	113			
	GRD	GRD	115			
	GRD	GRD	117			
	GRD	GRD	119			
	GRD	GRD	121			
	GRD	GRD	123			
	GRD	GRD	133			
	GRD	GRD	139			
	GRD	GRD	141			
	GRD	GRD	143			
	GRD	GRD	145			
	GRD	GRD	147			
	GRD	GRD	149			
	GRD	GRD	151			
	GRD	GRD	153			
	GRD	GRD	155			
	GRD	GRD	200			
	GRD	GRD	202			
	GRD	GRD	204			

SYMBOL NO. 4 (CONT)

MAIN STORE ARRAY 11

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA11	04-138	TN28(NOTE 306)	A	(S)
MASA11	04-138	TN56(NOTE 306)	A	(U)
MASA11	04-138	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	206			
	GRD	GRD	208			
	GRD	GRD	210			
	GRD	GRD	212			
	GRD	GRD	214			
	GRD	GRD	216			
	GRD	GRD	218			
	GRD	GRD	220			
	GRD	GRD	221			
	GRD	GRD	222			
	GRD	GRD	232			
	GRD	GRD	234			
	GRD	GRD	236			
	GRD	GRD	238			
	GRD	GRD	240			
	GRD	GRD	242			
	GRD	GRD	244			
	GRD	GRD	246			
	GRD	GRD	248			
	GRD	GRD	250			
	GRD	GRD	252			
	GRD	GRD	254			
	GRD	GRD	303			
	GRD	GRD	306			
	GRD	GRD	309			
	GRD	GRD	312			
	GRD	GRD	315			
	GRD	GRD	316			
	GRD	GRD	319			
	GRD	GRD	322			
	GRD	GRD	323			
	GRD	GRD	324			
	GRD	GRD	334			
	GRD	GRD	337			
	GRD	GRD	340			
	GRD	GRD	343			
	GRD	GRD	346			
	GRD	GRD	349			
	GRD	GRD	352			
	GRD	GRD	356			
P5VF	PWR	VCC	000		1/1	
	PWR	VCC	001		1/1	
	PWR	VCC	100		1/1	
	PWR	VCC	101		1/1	
	PWR	VCC	102		1/1	
	PWR	VCC	201		1/1	
	PWR	VCC	300		1/1	
READ01	I	READ11	024		1/1	

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DWG SIZE	ISSUE
D2	9B

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MAIN STORE

SYMBOL NO. 4 (CONT)

MAIN STORE ARRAY 11

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA11	04-138	TN28(NOTE 306)	A	(S)
MASA11	04-138	TN56(NOTE 306)	A	(U)
MASA11	04-138	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
REF00	I	REFI0	320		1/1	
SELCEV00	OT	SELCA00	118		1/1	
SELCOD00	OT	SELCB00	116		1/1	
SELREV00	OT	SELRA00	122		1/1	
SELROD00	OT	SELRB00	120		1/1	
SEL0110	I	SEL10	033		TO PROC CONTROL FRAME CKT	
SG031	I	GO11	223		1/2	
WRTH00	I	WRTH10	021		1/1	
WRT000	I	WRT010	035		1/1	
WRT030	(U)I	A2011	017		1/1	
	(M)I	A2011				

SYMBOL NO. 5

MAIN STORE ARRAY 12

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA12	04-144	TN28(NOTE 306)	A	(S)
MASA12	04-144	TN56(NOTE 306)	A	(U)
MASA12	04-144	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	LTSTACK0	108			
	(U)O	TEST00	253			
	(M)O	TEST00				
	(M)O	4MB00	355			
	(M)I	OHLFI0	106			
	I	LTEST0	110			
	I	CASEN0	134			
	I	EXTINGO	136			
	I	LEDDN0	138			
	I	P5SENSE	148			
	I	PCURAPR	243			
ADPC00	OT	ADPC00	114		1/1	
ADPR00	OT	ADPR00	215		1/1	
A0020	I	A02I0	233		1/1	
A0021	I	A02I1	235		1/1	
A0031	I	A03I1	339		1/1	
A0041	I	A04I1	241		1/1	
A0051	I	A05I1	341		1/1	
A0061	I	A06I1	342		1/1	
A0071	I	A07I1	317		1/1	
A0081	I	A08I1	318		1/1	
A0091	I	A09I1	219		1/1	
A0101	I	A10I1	332		1/1	
A0111	I	A11I1	333		1/1	
A0121	I	A12I1	335		1/1	
A0131	I	A13I1	336		1/1	
A0141	I	A14I1	237		1/1	
A0151	I	A15I1	338		1/1	
A0161	I	A16I1	217		1/1	
A0171	I	A17I1	213		1/1	
A0181	I	A18I1	209		1/1	

SYMBOL NO. 5 (CONT)

MAIN STORE ARRAY 12

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA12	04-144	TN28(NOTE 306)	A	(S)
MASA12	04-144	TN56(NOTE 306)	A	(U)
MASA12	04-144	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
A0190	(U)I	BSEL10	019		1/1	
	(M)I	A21I0				
	(S)I	A19I0				
A0191	I	A19I1	037		1/1	
CLRM00	(U)GRD	GRD	321			
	(M)IO	A4MSEL01				
CPMF	(U)I	PCURSPR	144		3/3	
	(S)IO	PCURSPR				
	(M)I	PCURSPR				
CPPF	(U)I	NCURPR	146		3/3	
	(S)IO	NCURPR				
	(M)I	NCURPR				
DH0000	OT	DH00B0	014		1/1	
DH0010	OT	DH01B0	314		1/1	
DH0020	OT	DH02B0	039		1/1	
DH0030	OT	DH03B0	042		1/1	
DPA00	OT	DPABB	313		1/1	
DPX00	OT	DPXB0	015		1/1	
DPY00	OT	DPYB0	040		1/1	
DPZ00	OT	DPZB0	043		1/1	
D0000	OT	D00B0	344		1/1	
D0010	OT	D01B0	347		1/1	
D0020	OT	D02B0	350		1/1	
D0030	OT	D03B0	353		1/1	
D0040	OT	D04B0	301		1/1	
D0050	OT	D05B0	304		1/1	
D0060	OT	D06B0	307		1/1	
D0070	OT	D07B0	310		1/1	
D0080	OT	D08B0	345		1/1	
D0090	OT	D09B0	348		1/1	
D0100	OT	D10B0	351		1/1	
D0110	OT	D11B0	354		1/1	
D0120	OT	D12B0	302		1/1	
D0130	OT	D13B0	305		1/1	
D0140	OT	D14B0	308		1/1	
D0150	OT	D15B0	311		1/1	
D0160	OT	D16B0	045		1/1	
D0170	OT	D17B0	048		1/1	
D0180	OT	D18B0	051		1/1	
D0190	OT	D19B0	054		1/1	
D0200	OT	D20B0	002		1/1	
D0210	OT	D21B0	005		1/1	
D0220	OT	D22B0	008		1/1	
D0230	OT	D23B0	011		1/1	
D0240	OT	D24B0	046		1/1	
D0250	OT	D25B0	049		1/1	
D0260	OT	D26B0	052		1/1	
D0270	OT	D27B0	055		1/1	
D0280	OT	D28B0	003		1/1	
D0290	OT	D29B0	006		1/1	
D0300	OT	D30B0	009		1/1	
D0310	OT	D31B0	012		1/1	
EADP0	(S)I	EADP0	112	(N)	(N)1/1	
	(U)I					
	(M)O	EADP00				
GRD04144	(S)IO	CASEN0	135			
	(U)I	CASEN0				
	(M)I	CASEN0				
	(S)IO	EXTINGO	137			
	(U)I	EXTINGO				
	(M)I	EXTINGO				

SYMBOL NO. 5 (CONT)

MAIN STORE ARRAY 12

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA12	04-144	TN28(NOTE 306)	A	(S)
MASA12	04-144	TN56(NOTE 306)	A	(U)
MASA12	04-144	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	004			
	GRD	GRD	007			
	GRD	GRD	010			
	GRD	GRD	013			
	GRD	GRD	016			
	GRD	GRD	018			
	GRD	GRD	020			
	GRD	GRD	022			
	GRD	GRD	023			
	GRD	GRD	034			
	GRD	GRD	036			
	GRD	GRD	038			
	GRD	GRD	041			
	GRD	GRD	044			
	GRD	GRD	047			
	GRD	GRD	050			
	GRD	GRD	053			
	GRD	GRD	056			
	GRD	GRD	103			
	GRD	GRD	105			
	GRD	GRD	107			
	GRD	GRD	109			
	GRD	GRD	111			
	GRD	GRD	113			
	GRD	GRD	115			
	GRD	GRD	117			
	GRD	GRD	119			
	GRD	GRD	121			
	GRD	GRD	123			
	GRD	GRD	133			
	GRD	GRD	139			
	GRD	GRD	141			
	GRD	GRD	143			
	GRD	GRD	145			
	GRD	GRD	147			
	GRD	GRD	149			
	GRD	GRD	151			
	GRD	GRD	153			
	GRD	GRD	155			
	GRD	GRD	200			
	GRD	GRD	202			
	GRD	GRD	204			
	GRD	GRD	206			
	GRD	GRD	208			
	GRD	GRD	210			
	GRD	GRD	212			
	GRD	GRD	214			
	GRD	GRD	216			
	GRD	GRD	218			
	GRD	GRD	220			
	GRD	GRD	221			
	GRD	GRD	222			
	GRD	GRD	232			
	GRD	GRD	234			
	GRD	GRD	236			
	GRD	GRD	238			
	GRD	GRD	240			

SYMBOL NO. 5 (CONT)

MAIN STORE ARRAY 12

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA12	04-144	TN28(NOTE 306)	A	(S)
MASA12	04-144	TN56(NOTE 306)	A	(U)
MASA12	04-144	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	242			
	GRD	GRD	244			
	GRD	GRD	246			
	GRD	GRD	248			
	GRD	GRD	250			
	GRD	GRD	252			
	GRD	GRD	254			
	GRD	GRD	303			
	GRD	GRD	306			
	GRD	GRD	309			
	GRD	GRD	312			
	GRD	GRD	315			
	GRD	GRD	316			
	GRD	GRD	319			
	GRD	GRD	322			
	GRD	GRD	323			
	GRD	GRD	324			
	GRD	GRD	334			
	GRD	GRD	337			
	GRD	GRD	340			
	GRD	GRD	343			
	GRD	GRD	346			
	GRD	GRD	349			
	GRD	GRD	352			
	GRD	GRD	356			
P5VF	PWR	VCC	000		1/1	
	PWR	VCC	001		1/1	
	PWR	VCC	100		1/1	
	PWR	VCC	101		1/1	
	PWR	VCC	102		1/1	
	PWR	VCC	201		1/1	
	PWR	VCC	300		1/1	
READ01	I	READI1	024		1/1	
REF00	I	REFI0	320		1/1	
SELCEV00	OT	SELCB00	116		1/1	
SELCOD00	OT	SELCA00	118		1/1	
SELREV00	OT	SELRB00	120		1/1	
SELROD00	OT	SELRA00	122		1/1	
SEL0120	I	SELI0	033		TO PROC CONTROL FRAME CKT	
SG001	I	GOI1	223		1/1	
WRTH00	I	WRTH10	021		1/1	
WRT000	I	WRT010	035		1/1	
WRT030	(U)I	A20I1	017		1/1	
	(M)I	A20I1				

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C2	9B

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MAIN STORE

SYMBOL NO. 6

MAIN STORE ARRAY 3

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA13	04-150	TN28(NOTE 306)	A	(S)
MASA13	04-150	TN56(NOTE 306)	A	(U)
MASA13	04-150	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	LTSTACK0	108			
	(U)O	TEST00	253			
	(M)O	TEST00				
	(M)O	4MB00	355			
	(M)I	OHLF10	106			
	I	LTEST0	110			
	I	CASEN0	134			
	I	EXTING0	136			
	I	LEDON0	138			
	I	P5SENSE	148			
	I	PCURAPR	243			
ADPC00	OT	ADPC00	114		1/1	
ADPR00	OT	ADPR00	215		1/1	
A0020	I	A02I0	233		1/1	
A0021	I	A02I1	235		1/1	
A0031	I	A03I1	339		1/1	
A0041	I	A04I1	241		1/1	
A0051	I	A05I1	341		1/1	
A0061	I	A06I1	342		1/1	
A0071	I	A07I1	317		1/1	
A0081	I	A08I1	318		1/1	
A0091	I	A09I1	219		1/1	
A0101	I	A10I1	332		1/1	
A0111	I	A11I1	333		1/1	
A0121	I	A12I1	335		1/1	
A0131	I	A13I1	336		1/1	
A0141	I	A14I1	237		1/1	
A0151	I	A15I1	338		1/1	
A0161	I	A16I1	217		1/1	
A0171	I	A17I1	213		1/1	
A0181	I	A18I1	209		1/1	
A0190	(U)I	BSELI0	019		1/1	
	(M)I	A21I0				
	(S)I	A19I0				
A0191	I	A19I1	037		1/1	
CLRM00	(U)GRD	GRD	321			
	(M)IO	A4MSEL01				
CPMF	(U)I	PCURSPR	144		3/3	
	(S)IO	PCURSPR				
	(M)I	PCURSPR				
CPPF	(U)I	NCURPR	146		3/3	
	(S)IO	NCURPR				
	(M)I	NCURPR				
DH0000	OT	DH00B0	014		1/1	
DH0010	OT	DH01B0	314		1/1	
DH0020	OT	DH02B0	039		1/1	
DH0030	OT	DH03B0	042		1/1	
DPA00	OT	DPAB0	313		1/1	
DPX00	OT	DPXB0	015		1/1	
DPY00	OT	DPYB0	040		1/1	
DPZ00	OT	DPZB0	043		1/1	
D0000	OT	D00B0	344		1/1	
D0010	OT	D01B0	347		1/1	
D0020	OT	D02B0	350		1/1	
D0030	OT	D03B0	353		1/1	
D0040	OT	D04B0	301		1/1	
D0050	OT	D05B0	304		1/1	
D0060	OT	D06B0	307		1/1	
D0070	OT	D07B0	310		1/1	

SYMBOL NO. 6 (CONT)

MAIN STORE ARRAY 13

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA13	04-150	TN28(NOTE 306)	A	(S)
MASA13	04-150	TN56(NOTE 306)	A	(U)
MASA13	04-150	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
D0080	OT	D08B0	345		1/1	
D0090	OT	D09B0	348		1/1	
D0100	OT	D10B0	351		1/1	
D0110	OT	D11B0	354		1/1	
D0120	OT	D12B0	302		1/1	
D0130	OT	D13B0	305		1/1	
D0140	OT	D14B0	308		1/1	
D0150	OT	D15B0	311		1/1	
D0160	OT	D16B0	045		1/1	
D0170	OT	D17B0	048		1/1	
D0180	OT	D18B0	051		1/1	
D0190	OT	D19B0	054		1/1	
D0200	OT	D20B0	002		1/1	
D0210	OT	D21B0	005		1/1	
D0220	OT	D22B0	008		1/1	
D0230	OT	D23B0	011		1/1	
D0240	OT	D24B0	046		1/1	
D0250	OT	D25B0	049		1/1	
D0260	OT	D26B0	052		1/1	
D0270	OT	D27B0	055		1/1	
D0280	OT	D28B0	003		1/1	
D0290	OT	D29B0	006		1/1	
D0300	OT	D30B0	009		1/1	
D0310	OT	D31B0	012		1/1	
EADP0	(S)I	EADP0	112	(N)	(N)1/1	
	(U)I					
	(M)O	EADP00				
GRD04150	(S)IO	CASEN0	135			
	(U)I	CASEN0				
	(M)I	CASEN0				
	(S)IO	EXTING0	137			
	(U)I	EXTING0				
	(M)I	EXTING0				
	GRD	GRD	004			
	GRD	GRD	007			
	GRD	GRD	010			
	GRD	GRD	013			
	GRD	GRD	016			
	GRD	GRD	018			
	GRD	GRD	020			
	GRD	GRD	022			
	GRD	GRD	023			
	GRD	GRD	034			
	GRD	GRD	036			
	GRD	GRD	038			
	GRD	GRD	041			
	GRD	GRD	044			
	GRD	GRD	047			
	GRD	GRD	050			
	GRD	GRD	053			
	GRD	GRD	056			
	GRD	GRD	103			
	GRD	GRD	105			
	GRD	GRD	107			
	GRD	GRD	109			
	GRD	GRD	111			
	GRD	GRD	113			
	GRD	GRD	115			
	GRD	GRD	117			
	GRD	GRD	119			

SYMBOL NO. 6 (CONT)

MAIN STORE ARRAY 13

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA13	04-150	TN28(NOTE 306)	A	(S)
MASA13	04-150	TN56(NOTE 306)	A	(U)
MASA13	04-150	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	121			
	GRD	GRD	123			
	GRD	GRD	133			
	GRD	GRD	139			
	GRD	GRD	141			
	GRD	GRD	143			
	GRD	GRD	145			
	GRD	GRD	147			
	GRD	GRD	149			
	GRD	GRD	151			
	GRD	GRD	153			
	GRD	GRD	155			
	GRD	GRD	200			
	GRD	GRD	202			
	GRD	GRD	204			
	GRD	GRD	206			
	GRD	GRD	208			
	GRD	GRD	210			
	GRD	GRD	212			
	GRD	GRD	214			
	GRD	GRD	216			
	GRD	GRD	218			
	GRD	GRD	220			
	GRD	GRD	221			
	GRD	GRD	222			
	GRD	GRD	232			
	GRD	GRD	234			
	GRD	GRD	236			
	GRD	GRD	238			
	GRD	GRD	240			
	GRD	GRD	242			
	GRD	GRD	244			
	GRD	GRD	246			
	GRD	GRD	248			
	GRD	GRD	250			
	GRD	GRD	252			
	GRD	GRD	254			
	GRD	GRD	303			
	GRD	GRD	306			
	GRD	GRD	309			
	GRD	GRD	312			
	GRD	GRD	315			
	GRD	GRD	316			
	GRD	GRD	319			
	GRD	GRD	322			
	GRD	GRD	323			
	GRD	GRD	324			
	GRD	GRD	334			
	GRD	GRD	337			
	GRD	GRD	340			
	GRD	GRD	343			
	GRD	GRD	346			
	GRD	GRD	349			
	GRD	GRD	352			
	GRD	GRD	356			
P5VF	PWR	VCC	000		1/1	
	PWR	VCC	001		1/1	

SYMBOL NO. 6 (CONT)

MAIN STORE ARRAY 3

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA13	04-150	TN28(NOTE 306)	A	(S)
MASA13	04-150	TN56(NOTE 306)	A	(U)
MASA13	04-150	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	PWR	VCC	100		1/1	
	PWR	VCC	101		1/1	
	PWR	VCC	102		1/1	
	PWR	VCC	201		1/1	
	PWR	VCC	300		1/1	
READ01	I	READ11	024		1/1	
REF00	I	REFI0	320		1/1	
SELCEV00	OT	SELCA00	118		1/1	
SELCD000	OT	SELCB00	116		1/	
SELREV00	OT	SELRA00	122		1/1	
SELROD00	OT	SELRB00	120		1/1	
SEL0130	I	SELI0	033		TO PROC CONTROL FRAME CKT	
SG011	I	GD11	223		1/2	
WRTH00	I	WRTH10	021		1/1	
WRT000	I	WRT010	035		1/1	
WRT030	(U)I	A2011	017		1/1	
	(M)I	A2011				

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MAIN STORE

SYMBOL NO. 7

MAIN STORE ARRAY 14

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA14	04-156	TN28(NOTE 306)	A	(S)
MASA14	04-156	TN56(NOTE 306)	A	(U)
MASA14	04-156	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	LTSTACKO	108			
	(U)O	TESTOO	253			
	(M)O	TESTOO				
	(M)O	4MBOO	355			
	(M)I	OHLFIO	106			
	I	LTESTO	110			
	I	CASENO	134			
	I	EXTINGO	136			
	I	LEDONO	138			
	I	P5SENSE	148			
	I	PCURAPR	243			
ADPC00	OT	ADPC00	114		1/1	
ADPR00	OT	ADPR00	215		1/1	
A0020	I	A02I0	233		1/1	
A0021	I	A02I1	235		1/1	
A0031	I	A03I1	339		1/1	
A0041	I	A04I1	241		1/1	
A0051	I	A05I1	341		1/1	
A0061	I	A06I1	342		1/1	
A0071	I	A07I1	317		1/1	
A0081	I	A08I1	318		1/1	
A0091	I	A09I1	219		1/1	
A0101	I	A10I1	332		1/1	
A0111	I	A11I1	333		1/1	
A0121	I	A12I1	335		1/1	
A0131	I	A13I1	336		1/1	
A0141	I	A14I1	237		1/1	
A0151	I	A15I1	338		1/1	
A0161	I	A16I1	217		1/1	
A0171	I	A17I1	213		1/1	
A0181	I	A18I1	209		1/1	
A0190	(U)I	BSELIO	019		1/1	
	(M)I	A2I10				
	(S)I	A19I0				
A0191	I	A19I1	037		1/1	
CLRM00	(U)GRD	GRD	321			
	(M)IO	A4MSELO1				
CPMF	(U)I	PCURSPR	144		3/3	
	(S)IO	PCURSPR				
	(M)I	PCURSPR				
CPPF	(U)I	NCURPR	146		3/3	
	(S)IO	NCURPR				
	(M)I	NCURPR				
DH0000	OT	DH00B0	014		1/1	
DH0010	OT	DH01B0	314		1/1	
DH0020	OT	DH02B0	039		1/1	
DH0030	OT	DH03B0	042		1/1	
DPA00	OT	DPA80	313		1/1	
DPX00	OT	DPX80	015		1/1	
DPY00	OT	DPY80	040		1/1	
DPZ00	OT	DPZ80	043		1/1	
D0000	OT	D0080	344		1/1	
D0010	OT	D0180	347		1/1	
D0020	OT	D0280	350		1/1	
D0030	OT	D0380	353		1/1	
D0040	OT	D0480	301		1/1	
D0050	OT	D0580	304		1/1	
D0060	OT	D0680	307		1/1	
D0070	OT	D0780	310		1/1	

SYMBOL NO. 7 (CONT)

MAIN STORE ARRAY 14

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA14	04-156	TN28(NOTE 306)	A	(S)
MASA14	04-156	TN56(NOTE 306)	A	(U)
MASA14	04-156	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
D0080	OT	D08B0	345		1/1	
D0090	OT	D09B0	348		1/1	
D0100	OT	D10B0	351		1/1	
D0110	OT	D11B0	354		1/1	
D0120	OT	D12B0	302		1/1	
D0130	OT	D13B0	305		1/1	
D0140	OT	D14B0	308		1/1	
D0150	OT	D15B0	311		1/1	
D0160	OT	D16B0	045		1/1	
D0170	OT	D17B0	048		1/1	
D0180	OT	D18B0	051		1/1	
D0190	OT	D19B0	054		1/1	
D0200	OT	D20B0	002		1/1	
D0210	OT	D21B0	005		1/1	
D0220	OT	D22B0	008		1/1	
D0230	OT	D23B0	011		1/1	
D0240	OT	D24B0	046		1/1	
D0250	OT	D25B0	049		1/1	
D0260	OT	D26B0	052		1/1	
D0270	OT	D27B0	055		1/1	
D0280	OT	D28B0	003		1/1	
D0290	OT	D29B0	006		1/1	
D0300	OT	D30B0	009		1/1	
D0310	OT	D31E0	012		1/1	
EADP0	(S)I	EADP0	112	(N)	(N)1/1	
	(U)I					
	(M)O	EADP00				
GRD04156	(S)IO	CASENO	135			
	(U)I	CASENO				
	(M)I	CASENO				
	(S)IO	EXTINGO	137			
	(U)I	EXTINGO				
	(M)I	EXTINGO				
	GRD	GRD	004			
	GRD	GRD	007			
	GRD	GRD	010			
	GRD	GRD	013			
	GRD	GRD	016			
	GRD	GRD	018			
	GRD	GRD	020			
	GRD	GRD	022			
	GRD	GRD	023			
	GRD	GRD	034			
	GRD	GRD	036			
	GRD	GRD	038			
	GRD	GRD	041			
	GRD	GRD	044			
	GRD	GRD	047			
	GRD	GRD	D50			
	GRD	GRD	053			
	GRD	GRD	056			
	GRD	GRD	103			
	GRD	GRD	105			
	GRD	GRD	107			
	GRD	GRD	109			
	GRD	GRD	111			
	GRD	GRD	113			
	GRD	GRD	115			
	GRD	GRD	117			
	GRD	GRD	119			

SYMBOL NO. 7 (CONT)

MAIN STORE ARRAY 14

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA14	04-156	TN28(NOTE 306)	A	(S)
MASA14	04-156	TN56(NOTE 306)	A	(U)
MASA14	04-156	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	121			
	GRD	GRD	123			
	GRD	GRD	133			
	GRD	GRD	139			
	GRD	GRD	141			
	GRD	GRD	143			
	GRD	GRD	145			
	GRD	GRD	147			
	GRD	GRD	149			
	GRD	GRD	151			
	GRD	GRD	153			
	GRD	GRD	155			
	GRD	GRD	200			
	GRD	GRD	202			
	GRD	GRD	204			
	GRD	GRD	206			
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	GRD	GRD	252			
	GRD	GRD	254			
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	GRD	GRD	306			
	GRD	GRD	309			
	GRD	GRD	312			
	GRD	GRD	315			
	GRD	GRD	316			
	GRD	GRD	319			
	GRD	GRD	322			
	GRD	GRD	323			
	GRD	GRD	324			
	GRD	GRD	334			
	GRD	GRD	337			
	GRD	GRD	340			
	GRD	GRD	343			
	GRD	GRD	346			
	GRD	GRD	349			
	GRD	GRD	352			
	GRD	GRD	356			
P5VF	PWR	VCC	000		1/1	
	PWR	VCC	001		1/1	

SYMBOL NO. 7 (CONT)

MAIN STORE ARRAY 14

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA14	04-156	TN28(NOTE 306)	A	(S)
MASA14	04-156	TN56(NOTE 306)	A	(U)
MASA14	04-156	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	PWR	VCC	100		1/1	
	PWR	VCC	101		1/1	
	PWR	VCC	102		1/1	
	PWR	VCC	201		1/1	
	PWR	VCC	300		1/1	
READ01	I	READI1	024		1/1	
REF00	I	REFI0	320		1/1	
SELCEV00	OT	SELCA00	118		1/1	
SELCOD00	OT	SELCB00	116		1/1	
SELREV00	OT	SELRA00	122		1/1	
SELROD00	OT	SELRB00	120		1/1	
SEL0140	I	SELI0	033		TO PROC CONTROL FRAME CKT	
SG021	I	GO11	223		1/3	
WRTH00	I	WRTH10	021		1/1	
WRT000	I	WRT010	035		1/1	
WRT030	(U)I	A2011	017		1/1	
	(M)I	A2011				

PART OF FS 1
SYMBOL(S) 7

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DWG SIZE	ISSUE
D	9B

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PART OF FS 1

MAIN STORE

SYMBOL NO. 8

MAIN STORE ARRAY 15

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA15	04-162	TN28(NOTE 306)	A	(S)
MASA15	04-162	TN56(NOTE 306)	A	(U)
MASA15	04-162	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	LTSTACKO	108			
	(U)O	TESTOO	253			
	(M)O	TESTOO				
	(M)O	4MBOO	355			
	(M)I	OHLFIO	106			
	I	LTESTO	110			
	I	CASENO	134			
	I	EXTINGO	136			
	I	LEDONO	138			
	I	P5SENSE	148			
	I	PCURAPR	243			
ADPC00	OT	ADPCOO	114		1/1	
ADPR00	OT	ADPROO	215		1/1	
A0020	I	A02IO	233		1/1	
A0021	I	A02I1	235		1/1	
A0031	I	A03I1	339		1/1	
A0041	I	A04I1	241		1/1	
A0051	I	A05I1	341		1/1	
A0061	I	A06I1	342		1/1	
A0071	I	A07I1	317		1/1	
A0081	I	A08I1	318		1/1	
A0091	I	A09I1	219		1/1	
A0101	I	A10I1	332		1/1	
A0111	I	A11I1	333		1/1	
A0121	I	A12I1	335		1/1	
A0131	I	A13I1	336		1/1	
A0141	I	A14I1	237		1/1	
A0151	I	A15I1	338		1/1	
A0161	I	A16I1	217		1/1	
A0171	I	A17I1	213		1/1	
A0181	I	A18I1	209		1/1	
A0190	(U)I	BSELIO	019		1/1	
	(M)I	A2110				
	(S)I	A19I0				
A0191	I	A19I1	037		1/1	
CLRM00	(U)GRD	GRD	321			
	(M)IO	A4MSEL01				
CPMF	(U)I	PCURSPR	144		3/3	
	(S)IO	PCURSPR				
	(M)I	PCURSPR				
CPPF	(U)I	NCURPR	146		3/3	
	(S)IO	NCURPR				
	(M)I	NCURPR				
DH0000	OT	DH00B0	014		1/1	
DH0010	OT	DH01B0	314		1/1	
DH0020	OT	DH02B0	039		1/1	
DH0030	OT	DH03B0	042		1/1	
DPA00	OT	DPA80	313		1/1	
DPX00	OT	DPX80	015		1/1	
DPY00	OT	DPY80	040		1/1	
DPZ00	OT	DPZ80	043		1/1	
D0000	OT	D00B0	344		1/1	
D0010	OT	D01B0	347		1/1	
D0020	OT	D02B0	350		1/1	
D0030	OT	D03B0	353		1/1	
D0040	OT	D04B0	301		1/1	
D0050	OT	D05B0	304		1/1	
D0060	OT	D06B0	307		1/1	
D0070	OT	D07B0	310		1/1	

SYMBOL NO. 8 (CONT)

MAIN STORE ARRAY 15

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA15	04-162	TN28(NOTE 306)	A	(S)
MASA15	04-162	TN56(NOTE 306)	A	(U)
MASA15	04-162	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
D0080	OT	D08B0	345		1/1	
D0090	OT	D09B0	348		1/1	
D0100	OT	D10B0	351		1/1	
D0110	OT	D11B0	354		1/1	
D0120	OT	D12B0	302		1/1	
D0130	OT	D13B0	305		1/1	
D0140	OT	D14B0	308		1/1	
D0150	OT	D15B0	311		1/1	
D0160	OT	D16B0	045		1/1	
D0170	OT	D17B0	048		1/1	
D0180	OT	D18B0	051		1/1	
D0190	OT	D19B0	054		1/1	
D0200	OT	D20B0	002		1/1	
D0210	OT	D21B0	005		1/1	
D0220	OT	D22B0	008		1/1	
D0230	OT	D23B0	011		1/1	
D0240	OT	D24B0	046		1/1	
D0250	OT	D25B0	049		1/1	
D0260	OT	D26B0	052		1/1	
D0270	OT	D27B0	055		1/1	
D0280	OT	D25B0	003		1/1	
D0290	OT	D29B0	006		1/1	
D0300	OT	D30B0	009		1/1	
D0310	OT	D51B0	012		1/1	
EADP0	(S)I	EADP0	112	(N)	(N)1/1	
	(U)I					
	(M)O	EADP00				
GRD0416Z	(S)ID	CASENO	135			
	(U)I	CASENO				
	(M)I	CASENO				
	(S)IO	EXTINGO	137			
	(U)I	EXTINGO				
	(M)I	EXTINGO				
	GRD	GRD	004			
	GRD	GRD	007			
	GRD	GRD	010			
	GRD	GRD	013			
	GRD	GRD	016			
	GRD	GRD	018			
	GRD	GRD	020			
	GRD	GRD	022			
	GRD	GRD	023			
	GRD	GRD	034			
	GRD	GRD	036			
	GRD	GRD	038			
	GRD	GRD	041			
	GRD	GRD	044			
	GRD	GRD	047			
	GRD	GRD	050			
	GRD	GRD	053			
	GRD	GRD	056			
	GRD	GRD	103			
	GRD	GRD	105			
	GRD	GRD	107			
	GRD	GRD	109			
	GRD	GRD	111			
	GRD	GRD	113			
	GRD	GRD	115			
	GRD	GRD	117			
	GRD	GRD	119			

SYMBOL NO. 8 (CONT)

MAIN STORE ARRAY 15

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA15	04-162	TN28(NOTE 306)	A	(S)
MASA15	04-162	TN56(NOTE 306)	A	(U)
MASA15	04-162	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	121			
	GRD	GRD	123			
	GRD	GRD	133			
	GRD	GRD	139			
	GRD	GRD	141			
	GRD	GRD	143			
	GRD	GRD	145			
	GRD	GRD	147			
	GRD	GRD	149			
	GRD	GRD	151			
	GRD	GRD	153			
	GRD	GRD	155			
	GRD	GRD	200			
	GRD	GRD	202			
	GRD	GRD	204			
	GRD	GRD	206			
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	GRD	GRD	303			
	GRD	GRD	306			
	GRD	GRD	309			
	GRD	GRD	312			
	GRD	GRD	315			
	GRD	GRD	316			
	GRD	GRD	319			
	GRD	GRD	322			
	GRD	GRD	323			
	GRD	GRD	324			
	GRD	GRD	334			
	GRD	GRD	337			
	GRD	GRD	340			
	GRD	GRD	343			
	GRD	GRD	346			
	GRD	GRD	349			
	GRD	GRD	352			
	GRD	GRD	356			
P5VF	PWR	VCC	000		1/1	
	PWR	VCC	001		1/1	

SYMBOL NO. 8 (CONT)

MAIN STORE ARRAY 15

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA15	04-162	TN28(NOTE 306)	A	(S)
MASA15	04-162	TN56(NOTE 306)	A	(U)
MASA15	04-162	TN2012(NOTE 308)	A	(M)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	PWR	VCC	100		1/1	
	PWR	VCC	101		1/1	
	PWR	VCC	102		1/1	
	PWR	VCC	201		1/1	
	PWR	VCC	300		1/1	
READ01	I	READI1	024		1/1	
REF00	I	REFIO	320		1/1	
SELCEV00	OT	SELCB00	116		1/1	
SELCOD00	OT	SELCA00	118		1	
SELREV00	OT	SELRB00	120		1/1	
SELROD00	OT	SELRA00	122		1/1	
SEL0150	I	SELIO	033		TO PROC CONTROL FRAME CKT	
SG031	I	GOI1	223		1/2	
WRTH00	I	WRTHIO	021		1/1	
WRT000	I	WRTOIO	035		1/1	
WRT030	(U)I	A20I1	017		1/1	
	(M)I	A20I1				

PART OF FS 1
SYMBOL(S) 8

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DWG SIZE	ISSUE
D2	9B

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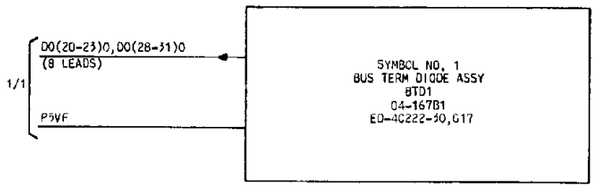
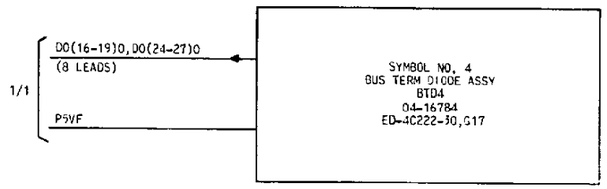
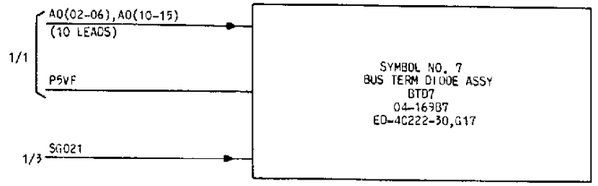
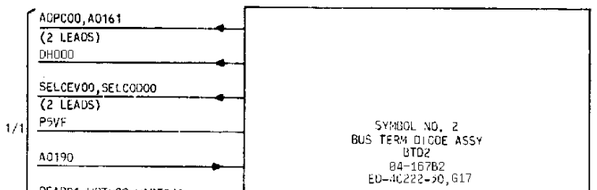
PART OF FS 2

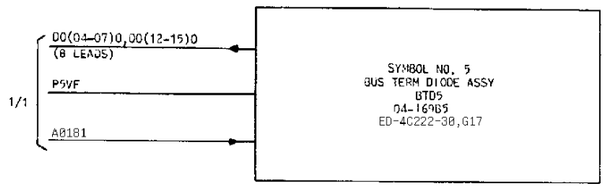
BUS TERMINATING DIODES
INTERCONNECTION AND FLOW DIAGRAM

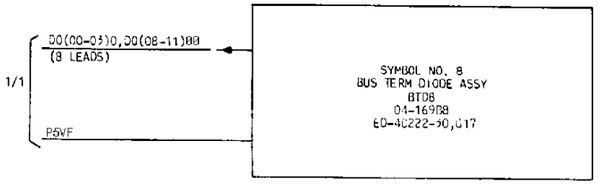


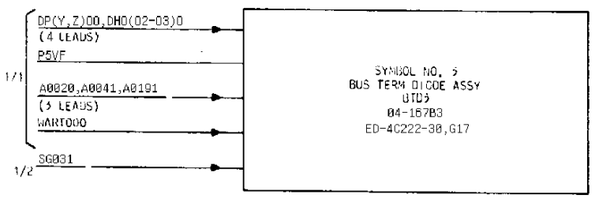


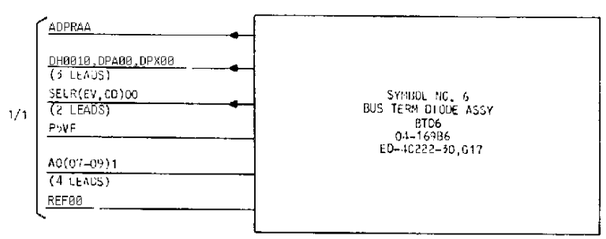












PART OF FS 2
IFD SYMBOL(S) 1-8

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MAIN STORE AND IOP GROWTH UNIT		DWG SIZE	ISSUE
		6S	9B
AT&T	SD-4C097-01		SHEET B2AA

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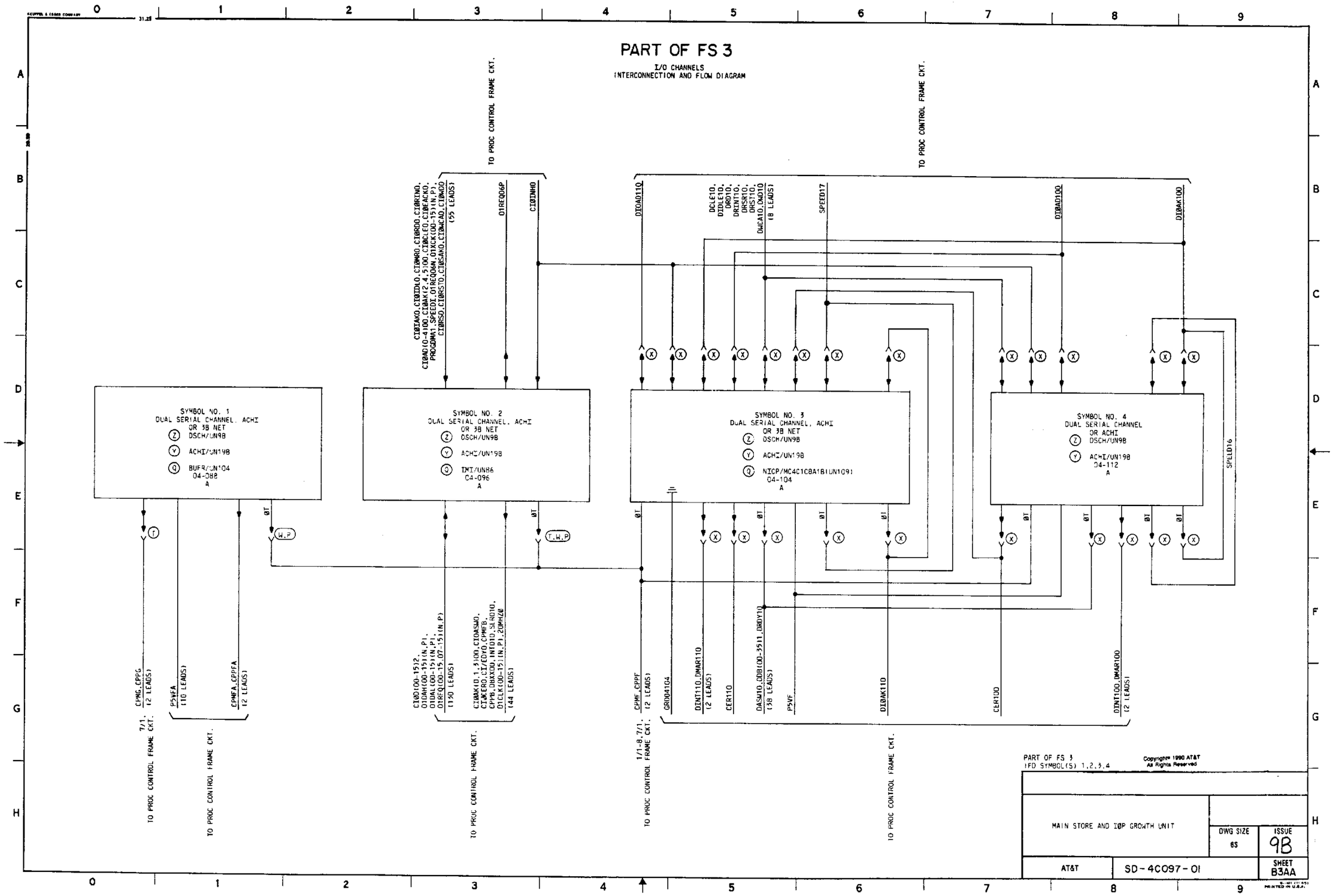
PART OF FS 3
I/O CHANNELS
INTERCONNECTION AND FLOW DIAGRAM
TO PROC CONTROL FRAME CKT.
SYMBOL NO. 1
DUAL SERIAL CHANNEL, ACHI
OR 3B NET
DSCH/UN9B
ACHI/UN19B
BUFR/UN104
04-088
A
SYMBOL NO. 2
DUAL SERIAL CHANNEL, ACHI
OR 3B NET
DSCH/UN9B
ACHI/UN19B
IMI/UN86
04-096
A
SYMBOL NO. 3
DUAL SERIAL CHANNEL, ACHI
OR 3B NET
DSCH/UN9B
ACHI/UN19B
NICP/MC4C1C8A1B(UN109)
04-104
A
SYMBOL NO. 4
DUAL SERIAL CHANNEL
OR ACHI
DSCH/UN9B
ACHI/UN19B
04-112
A
SPEED17
SPELD16
DIOAD110
DIOAD100
DIOAK100
01REQ06P
CIOINH0
CPMG,CPPG
(2 LEADS)
P5VFA
(10 LEADS)
CPMFA,CPPFA
(2 LEADS)
CPMF,CPPF
(2 LEADS)
GRD04104
DINT110,DMAR110
(2 LEADS)
CER110
DASW10,DDB(00-35)1,DRDY10
(38 LEADS)
P5VF
DIOAK110
CER100
DINT100,DMAR100
(2 LEADS)
TO PROC CONTROL FRAME CKT.
PART OF FS 3
IFD SYMBOL(S) 1,2,3,4
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MAIN STORE AND IOP GROWTH UNIT
DWG SIZE
6S
ISSUE
9B
AT&T
SD-4C097-01
SHEET
B3AA

PART OF FS 3

I/O CHANNELS

SYMBOL NO. 1

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-088	UN98(NOTE 306)	A	(Z)
ACHI	04-088	UN198(NOTE 306)	A	(Y)
BUFR	04-088	UN104	A	(Q)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	(Z)O	DBP28O	000			
	(Y)O	DBP28O				
	(Z)O	DB08B0	001			
	(Y)O	DB08B0				
	(Z)O	DB10B0	002			
	(Y)O	DB10B0				
	(Z)O	DB11B0	003			
	(Y)O	DB11B0				
	(Z)O	DB13B0	004			
	(Y)O	DB13B0				
	(Z)O	DB14B0	005			
	(Y)O	DB14B0				
	(Z)O	DB24B0	006			
	(Y)O	DB24B0				
	(Z)O	DB26B0	007			
	(Y)O	DB26B0				
	(Z)O	DB27B0	008			
	(Y)O	DB27B0				
	(Z)O	DB29B0	009			
	(Y)O	DB29B0				
	(Z)O	DB30B0	010			
	(Y)O	DB30B0				
	(Z)O	DBP08O	011			
	(Y)O	DBP08O				
	(Z)O	DBXX00	012			
	(Y)O	DBXX00				
	(Z)O	RDY00	021			
	(Y)O	RDY00				
	(Y)O	MRD0	022			
	(Z)O	CHER00	023			
	(Y)O	CHER00				
	(Z)O	ASW00	024			
	(Y)O	ASW00				
	(Z)O	CLK07ON	033			
	(Y)I	DR001N				
	(Q)O	PA041				
	(Z)O	CLK06ON	039			
	(Y)I	DR061N				
	(Q)I	NED091				
	(Z)O	CLK01ON	046			
	(Y)O	DW000N				
	(Q)I	PA121				
	(Z)O	CLK00ON	052			
	(Y)O	DW060N				
	(Q)I	NED251				
	(Z)O	CLK13ON	114			
	(Y)I	INT1IN				
	(Z)O	CLK12ON	120			
	(Z)O	CLK07OP	132			
	(Y)I	DR001P				
	(Q)GRD	GRD				
	(Z)O	CLK06OP	138			
	(Y)I	DR061P				
	(Q)I	TDRQRDY1				
	(Z)O	CLK01OP	145			
	(Y)O	DW000P				
	(Q)GRD	GRD				
	(Z)O	CLK00OP	151			
	(Y)O	DW060P				
	(Q)IO	NBR1W0				
	(Z)O	DB01B0	200			
	(Y)O	DB01B0				
	(Z)O	DB04B0	201			
	(Y)O	DB04B0				
	(Z)O	DB07B0	202			
	(Y)O	DB07B0				

SYMBOL NO. 1 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-088	UN98(NOTE 306)	A	(Z)
ACHI	04-088	UN198(NOTE 306)	A	(Y)
BUFR	04-088	UN104	A	(Q)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(Z)O	DB09B0	203			
	(Y)O	DB09B0				
	(Z)O	DB12B0	204			
	(Y)O	DB12B0				
	(Z)O	DB15B0	205			
	(Y)O	DB15B0				
	(Z)O	DB17B0	206			
	(Y)O	DB17B0				
	(Z)O	DB20B0	207			
	(Y)O	DB20B0				
	(Z)O	DB23B0	208			
	(Y)O	DB23B0				
	(Z)O	DB25B0	209			
	(Y)O	DB25B0				
	(Z)O	DB28B0	210			
	(Y)O	DB28B0				
	(Z)O	DB31B0	211			
	(Y)O	DB31B0				
	(Z)O	CLK13OP	213			
	(Y)I	INT1IP				
	(Z)O	CLK12OP	219			
	(Z)O	CLK09ON	233			
	(Y)I	DR111N				
	(Q)IO	PA001				
	(Z)O	CLK08ON	239			
	(Y)I	DR171N				
	(Q)IO	NED011				
	(Z)O	CLK03ON	246			
	(Y)O	DW110N				
	(Q)IO	PA081				
	(Z)O	CLK02ON	252			
	(Y)O	DW170N				
	(Q)IO	NED171				
	(Z)O	CLK15ON	314			
	(Z)O	CLK14ON	320			
	(Z)O	CLK09OP	332			
	(Y)I	DR111P				
	(Q)GRD	GRD				
	(Z)O	CLK08OP	338			
	(Y)I	DR171P				
	(Q)IO	RDRQ0EM1				
	(Z)O	CLK03OP	345			
	(Y)O	DW110P				
	(Q)GRD	GRD				
	(Z)O	CLK02OP	351			
	(Y)O	DW170P				
	(Q)IO	BPLRES0				
	(Z)O	DBP3B0	400			
	(Y)O	DBP3B0				
	(Z)O	DB00B0	401			
	(Y)O	DB00B0				
	(Z)O	DB02B0	402			
	(Y)O	DB02B0				
	(Z)O	DB03B0	403			
	(Y)O	DB03B0				
	(Z)O	DB05B0	404			
	(Y)O	DB05B0				
	(Z)O	DB06B0	405			
	(Y)O	DB06B0				
	(Z)O	DB16B0	406			
	(Y)O	DB16B0				
	(Z)O	DB18B0	407			
	(Y)O	DB18B0				
	(Z)O	DB19B0	408			
	(Y)O	DB19B0				
	(Z)O	DB21B0	409			
	(Y)O	DB21B0				
	(Z)O	DB22B0	410			
	(Y)O	DB22B0				
	(Z)O	DBP1B0	411			

SYMBOL NO. 1 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-088	UN98(NOTE 306)	A	(Z)
ACHI	04-088	UN198(NOTE 306)	A	(Y)
BUFR	04-088	UN104	A	(Q)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(Y)O	DBP1B0				
	(Z)O	CLK15OP	413			
	(Z)O	CLK14OP	419			
	(Z)O	CLK11ON	433			
	(Y)I	DR221N				
	(Q)IO	TDA01				
	(Z)O	CLK10ON	439			
	(Y)I	DR281N				
	(Q)IO	R1D1S0				
	(Z)O	CLK05ON	446			
	(Y)O	DW220N				
	(Q)IO	R0DA01				
	(Z)O	CLK04ON	452			
	(Y)O	DW280N				
	(Q)IO	R0DA41				
	(Z)O	AKA00	500			
	(Y)O	AKA00				
	(Z)O	AKB00	501			
	(Y)O	AKB00				
	(Z)O	AKC00	503			
	(Y)O	AKC00				
	(Z)O	SER00	513			
	(Y)O	SER00				
	(Z)O	INT00	514			
	(Y)O	INT00				
	(Z)O	20MHZ0	515			
	(Y)O	TSP0				
	(Z)O	10MHZ0	517			
	(Z)O	CLK11OP	532			
	(Y)I	DR221P				
	(Q)GRD	GRD				
	(Z)O	CLK10OP	538			
	(Y)I	DR281P				
	(Q)IO	R1DA41				
	(Z)O	CLK05OP	545			
	(Y)O	DW220P				
	(Q)GRD	GRD				
	(Z)O	CLK04OP	551			
	(Y)O	DW280P				
	(Q)IO	IMI7CK1				
	(Z)I	WDI0	013			
	(Y)I	WDI0				
	(Z)I	EACKI0	014			
	(Y)I	EACKI0				
	(Z)I	RINTI0	015			
	(Y)I	RINTI0				
	(Z)I	RSTI0	016			
	(Y)I	RSTI0				
	(Z)I	RDI0	017			
	(Y)I	RDI0				
	(Z)I	WCAI0	018			
	(Y)I	WCAI0				
	(Z)I	INHI0	019			
	(Y)I	INHI0				
	(Z)I	XCK07IN	034			
	(Y)I	DR011N				
	(Q)O	PA051				
	(Z)I	DAL07BN	035			
	(Y)I	DR021N				
	(Q)O	LHWSEL0				
	(Z)I	DAH07BN	036			
	(Y)I	DR031N				
	(Q)GRD	GRD				
	(Z)I	REQ07BN	037			
	(Y)I	DR041N				
	(Q)O	CTDR00				
	(Z)I	XCK06IN	040			
	(Y)I	DR071N				
	(Q)I	NED101				
	(Z)I	DAL06BN	041			

SYMBOL NO. 1 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-088	UN98(NOTE 306)	A	(Z)
ACHI	04-088	UN198(NOTE 306)	A	(Y)
BUFR	04-088	UN104	A	(Q)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(Y)I	DR081N				
	(Q)ID	NED111				
	(Z)I	DAH06BN	042			
	(Y)I	DR091N				
	(Q)ID	NED121				
	(Z)I	REQ06BN	043			
	(Y)I	DR101N				
	(Q)GRD	GRD				
	(Z)I	XCK01IN	047			
	(Y)O	DW010N				
	(Q)I	PA131				
	(Z)I	DAL01BN	048			
	(Y)O	DW020N				
	(Q)I	UHWSEL0				
	(Z)I	DAH01BN	049			
	(Y)O	DW030N				
	(Q)GRD	GRD				
	(Z)I	REQ01BN	050			
	(Y)O	DW040N				
	(Q)IO	BPLINT0				
	(Z)I	XCK00IN	053			
	(Y)O	DW070N				
	(Q)I	NED261				
	(Z)I	DAL00BN	054			
	(Y)O	DW080N				
	(Q)I	NED271				
	(Z)I	DAH00BN	055			
	(Y)O	DW090N				
	(Q)I	NED281				
	(Z)I	REQ00BN	056			
	(Y)O	DW100N				
	(Q)GRD	GRD				
	(Y)I	INPUT	112			
	(Z)I	XCK13IN	115			
	(Y)I	INT2IN				
	(Z)I	DAL13BN	116			
	(Y)I	LININ				
	(Z)I	DAH13BN	117			
	(Y)I	LIMIN				
	(Z)I	REQ13BN	118			
	(Y)I	CLRFIN				
	(Z)I	XCK12IN	121			
	(Y)I	DRP3IN				
	(Z)I	DAL12BN	122			
	(Y)I	DRP2IN				
	(Z)I	DAH12BN	123			
	(Y)I	DRP1IN				
	(Z)I	REQ12BN	124			
	(Y)I	DRP0IN				
	(Z)I	XCK07IP	133			
	(Y)I	DR01IP				
	(Q)I	PA061				
	(Z)I	DAL07BP	134			
	(Y)I	DR02IP				
	(Q)I	PA071				
	(Z)I	DAH07BP	135			

PART OF FS 3

SYMBOL(S) 1

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DWG SIZE	ISSUE
D2	9B

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PART OF FS 3

I/O CHANNELS

SYMBOL NO. 1 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-088	UN98(NOTE 306)	A	(Z)
ACHI	04-088	UN198(NOTE 306)	A	(Y)
BUFR	04-088	UN104	A	(Q)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(Y)I	DR031P				
	(Q)GRD	GRD				
	(Z)I	REQ07BP	136			
	(Y)I	DR041P				
	(Z)I	XCK061P	139			
	(Y)I	DR071P				
	(Q)GRD	GRD				
	(Z)I	DAL06BP	140			
	(Y)I	DR081P				
	(Q)I	NED131				
	(Z)I	DAH06BP	141			
	(Y)I	DR091P				
	(Q)I	NED141				
	(Z)I	REQ06BP	142			
	(Y)I	DR101P				
	(Q)I	NED151				
	(Z)I	XCK011P	146			
	(Y)O	DW010P				
	(Q)O	PA141				
	(Z)I	DAL01BP	147			
	(Y)O	DW020P				
	(Q)O	BBSEL0				
	(Z)I	DAH01BP	148			
	(Y)O	DW030P				
	(Q)GRD	GRD				
	(Z)I	REQ01BP	149			
	(Y)O	DW040P				
	(Q)O	BUFOGN0				
	(Z)I	XCK001P	152			
	(Y)O	DW070P				
	(Q)GRD	GRD				
	(Z)I	DAL00BP	153			
	(Y)O	DW080P				
	(Q)I	NED291				
	(Z)I	DAH00BP	154			
	(Y)O	DW090P				
	(Q)I	NED301				
	(Z)I	REQ00BP	155			
	(Y)O	DW100P				
	(Q)I	NED311				
	(Y)I	2HPU1	212			
	(Z)I	XCK131P	214			
	(Y)I	INT21P				
	(Z)I	DAL13BP	215			
	(Y)I	LINIP				
	(Z)I	DAH13BP	216			
	(Y)I	LIMIP				
	(Z)I	REQ13BP	217			
	(Y)I	CLRF1P				
	(Z)I	XCK121P	220			
	(Y)I	DRP31P				
	(Z)I	DAL12BP	221			
	(Y)I	DRP21P				
	(Z)I	DAH12BP	222			
	(Y)I	DRP11P				
	(Z)I	REQ12BP	223			
	(Y)I	DRP01P				
	(Z)I	XCK091N	234			
	(Y)I	DR121N				
	(Q)IO	PA011				
	(Z)I	DAL09BN	235			
	(Y)I	DR131N				
	(Q)IO	NBRESET0				
	(Z)I	DAH09BN	236			
	(Y)I	DR141N				
	(Q)GRD	GRD				
	(Z)I	REQ09BN	237			
	(Y)I	DR151N				
	(Q)I	EROR00				

SYMBOL NO. 1 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-088	UN98(NOTE 306)	A	(Z)
ACHI	04-088	UN198(NOTE 306)	A	(Y)
BUFR	04-088	UN104	A	(Q)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(Z)I	XCK08IN	240			
	(Y)I	DR181N				
	(Q)IO	NED021				
	(Z)I	DAL08BN	241			
	(Y)I	DR191N				
	(Q)IO	NED031				
	(Z)I	DAH08BN	242			
	(Y)I	DR201N				
	(Q)IO	NED041				
	(Z)I	REQ08BN	243			
	(Y)I	DRZ11N				
	(Q)GRD	GRD				
	(Z)I	XCK03IN	247			
	(Y)O	DW120N				
	(Q)IO	PA091				
	(Z)I	DAL03BN	248			
	(Y)O	DW130N				
	(Q)GRD	GRD				
	(Z)I	DAH03BN	249			
	(Y)O	DW140N				
	(Q)GRD	BPNSERR0				
	(Z)I	REQ03BN	250			
	(Y)O	DW150N				
	(Q)IO	RINT0				
	(Z)I	XCK02IN	253			
	(Y)O	DW180N				
	(Q)IO	NED181				
	(Z)I	DAL02BN	254			
	(Y)O	DW190N				
	(Q)IO	NED191				
	(Z)I	DAH02BN	255			
	(Y)O	DW200N				
	(Q)IO	NED201				
	(Z)I	REQ02BN	256			
	(Y)O	DW210N				
	(Q)GRD	GRD				
	(Z)I	INITFF	312			
	(Y)I	3HPU1				
	(Z)I	XCK151N	315			
	(Y)O	INHON				
	(Z)I	DAL15BN	316			
	(Y)O	MSMKON				
	(Z)I	DAH15BN	317			
	(Y)O	DRPFON				
	(Z)I	REQ15BN	318			
	(Y)O	CPFON				
	(Z)I	XCK141N	321			
	(Y)O	DWP3ON				
	(Z)I	DAL14BN	322			
	(Y)O	DWP2ON				
	(Z)I	DAH14BN	323			
	(Y)O	DWP1ON				
	(Z)I	REQ14BN	324			
	(Y)O	DWP0ON				
	(Z)I	XCK091P	333			
	(Y)I	DR121P				
	(Q)IO	PA021				
	(Z)I	DAL09BP	334			
	(Y)I	DR131P				
	(Q)IO	PA031				
	(Z)I	DAH09BP	335			
	(Y)I	DR141P				
	(Q)GRD	GRD				
	(Z)I	REQ09BP	336			
	(Y)I	DR151P				
	(Q)I	NBDS30				
	(Z)I	XCK08IP	339			
	(Y)I	DR181P				
	(Q)GRD	GRD				
	(Z)I	DAL08BP	340			
	(Y)I	DR191P				
	(Q)IO	NED051				

SYMBOL NO. 1 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-088	UN98(NOTE 306)	A	(Z)
ACHI	04-088	UN198(NOTE 306)	A	(Y)
BUFR	04-088	UN104	A	(Q)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(Z)I	DAH08BP	341			
	(Y)I	DR201P				
	(Q)IO	NED061				
	(Z)I	REQ08BP	342			
	(Y)I	DR211P				
	(Q)IO	NED071				
	(Z)I	XCK031P	346			
	(Y)O	DW120P				
	(Q)IO	PA101				
	(Z)I	DAL03BP	347			
	(Y)O	DW130P				
	(Q)IO	PA111				
	(Z)I	DAH03BP	348			
	(Y)O	DW140P				
	(Q)GRD	GRD				
	(Z)I	REQ03BP	349			
	(Y)O	DW150P				
	(Q)I	NBDS10				
	(Z)I	XCK02IP	352			
	(Y)O	DW180P				
	(Q)GRD	GRD				
	(Z)I	DAL02BP	353			
	(Y)O	DW190P				
	(Q)IO	NED211				
	(Z)I	DAH02BP	354			
	(Y)O	DW200P				
	(Q)IO	NED221				
	(Z)I	REQ02BP	355			
	(Y)O	DWZ10P				
	(Q)IO	NED231				
	(Z)I	PRODDMA	412			
	(Z)I	XCK15IP	414			
	(Y)O	INHOP				
	(Z)I	DAL15BP	415			
	(Y)O	MSMKOP				
	(Z)I	DAH15BP	416			
	(Y)O	DRPFOP				
	(Z)I	REQ15BP	417			
	(Y)O	CPFOP				
	(Z)I	XCK14IP	420			
	(Y)O	DWP3OP				
	(Z)I	DAL14BP	421			
	(Y)O	DWP2OP				
	(Z)I	DAH14BP	422			
	(Y)O	DWP1OP				
	(Z)I	REQ14BP	423			
	(Y)O	DWP0OP				
	(Z)I	XCK11IN	434			
	(Y)I	DR231N				
	(Q)IO	TDA11				
	(Z)I	DAL11BN	435			
	(Y)I	DR241N				
	(Q)I	TDA21				
	(Z)I	DAH11BN	436			
	(Y)I	DR251N				
	(Q)GRD	TDA31				
	(Z)I	REQ11BN	437			
	(Y)I	DR261N				
	(Q)I	RINDXEN0				
	(Z)I	XCK10IN	440			
	(Y)I	DR291N				
	(Q)IO	R1DALD1				
	(Z)I	DAL10BN	441			
	(Y)I	DR301N				
	(Q)IO	BPENT11				
	(Z)I	DAH10BN	442			
	(Y)I	DR311N				
	(Q)IO	BPER1100				
	(Z)I	REQ10BN	443			
	(Q)GRD	GRD				

SYMBOL NO. 1 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-088	UN98(NOTE 306)	A	(Z)
ACHI	04-088	UN198(NOTE 306)	A	(Y)
BUFR	04-088	UN104	A	(Q)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(Z)I	XCK05IN	447			
	(Y)O	DWZ30N				
	(Q)IO	R0DA11				
	(Z)I	DAL05BN	448			
	(Y)O	DWZ40N				
	(Q)I	R0DA21				
	(Z)I	DAH05BN	449			
	(Y)O	DWZ50N				
	(Q)GRD	R0DA31				
	(Z)I	REQ05BN	450			
	(Y)O	DWZ60N				
	(Q)IO	ATCK0				
	(Z)I	XCK041N	453			
	(Y)O	DWZ90N				
	(Q)IO	R0DA51				
	(Z)I	DAL04BN	454			
	(Y)O	DW300N				
	(Q)IO	R0DA61				
	(Z)I	DAH04BN	455			
	(Y)O	DW310N				
	(Q)IO	R0DA71				
	(Z)I	REQ04BN	456			
	(Q)GRD	GRD				
	(Z)I	ADAI0	506			
	(Y)I	ADAI0				
	(Z)I	ADBI0	507			
	(Y)I	ADBI0				
	(Z)I	ADCI0	509			
	(Y)I	ADCI0				
	(Y):	BPENI0	512			
	(Z)I	SPEEDI	516			
	(Y)I	4HPU1	518			
	(Z)I	SRACKI0	519			
	(Y)I	SRACKI0				
	(Z)I	RDMAI0	520			
	(Y)I	RSRI0				
	(Y)I	MSMI0	521			
	(Z)I	IDLEI0	522			
	(Y)I	IDLEI0				
	(Z)I	IACKI0	523			
	(Y)I	IACKI0				
	(Z)I	CLRERI0	524			
	(Y)I	CLRERI0				
	(Z)I	XCK11IP	533			
	(Y)I	DRZ31P				
	(Q)IO	R1DA01				
	(Z)I	DAL11BP	534			
	(Y)I	DR241P				
	(Q)IO	R1DA11				
	(Z)I	DAH11BP	535			
	(Y)I	DRZ51P				
	(Q)GRD	GRD				
	(Z)I	REQ11BP	536			
	(Y)I	DR261P				
	(Q)IO	R1DA21				
	(Z)I	XCK10IP	539			

PART OF FS 3

SYMBOL(S) 1

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DWG SIZE	ISSUE
C2	9B

AT&T	SD-4C097-01	B3CB

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PART OF FS 3

I/O CHANNELS

SYMBOL NO. 1 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-088	UN98(NOTE 306)	A	(Z)
ACHI	04-088	UN19B(NOTE 306)	A	(Y)
BUFR	04-088	UN104	A	(Q)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(Y)I	DR29IP				
	(Q)GRD	GRD				
	(Z)I	DAL10BP	540			
	(Y)I	DR30IP				
	(Q)IO	R1DA51				
	(Z)I	DAH10BP	541			
	(Y)I	DR31IP				
	(Q)IO	R1DA61				
	(Z)I	REQ10BP	542			
	(Q)IO	R1DA71				
	(Z)I	XCK05IP	546			
	(Y)O	DW230P				
	(Q)IO	TDA41				
	(Z)I	DAL05BP	547			
	(Y)O	DW240P				
	(Q)I	TDA51				
	(Z)I	DAH05BP	548			
	(Y)O	DW250P				
	(Q)GRD	TDA61				
	(Z)I	REQ05BP	549			
	(Y)O	DW260P				
	(Q)IO	TDA71				
	(Z)I	XCK04IP	552			
	(Y)O	DW290P				
	(Q)GRD	BACKSWTO				
	(Z)I	DAL04BP	553			
	(Y)O	DW300P				
	(Q)IO	COLLDETO				
	(Z)I	DAH04BP	554			
	(Y)O	DW310P				
	(Q)IO	RODALD1				
	(Z)I	RED04BP	555			
	(Q)IO	ROD1S0				
	(Z)GRD	GRD	038			
	(Y)I	DR05IN				
	(Q)I	NED081				
	(Z)GRD	GRD	051			
	(Y)O	DW05ON				
	(Q)IO	NED241				
	(Z)GRD	GRD	119			
	(Y)I	CHERIN				
	(Z)GRD	GRD	137			
	(Y)I	DR05IP				
	(Q)I	TDS0				
	(Z)GRD	GRD	150			
	(Y)O	DW05OP				
	(Q)GRD	GRD				
	(Z)GRD	GRD	218			
	(Y)I	CHERIP				
	(Z)GRD	GRD	238			
	(Y)I	DR16IN				
	(Q)IO	NED001				
	(Z)GRD	GRD	251			
	(Y)O	DW16ON				
	(Q)IO	NED161				
	(Z)GRD	GRD	319			
	(Y)O	DPFON				
	(Z)GRD	GRD	337			
	(Y)I	DR16IP				
	(Q)I	RDS0				
	(Z)GRD	GRD	350			
	(Y)O	DW16OP				
	(Q)GRD	GRD				
	GRD	GRD	356			
	(Z)GRD	GRD	418			
	(Y)O	DPFOP				
	(Z)GRD	GRD	438			
	(Y)I	DR27IN				
	(Q)IO	TREQ0				
	(Z)GRD	GRD	451			
	(Y)O	DW27ON				
	(Q)IO	BPENT01				

SYMBOL NO. 1 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-088	UN98(NOTE 306)	A	(Z)
ACHI	04-088	UN19B(NOTE 306)	A	(Y)
BUFR	04-088	UN104	A	(Q)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(Z)GRD	GRD	537			
	(Y)I	DR27IP				
	(Q)I	R1DA31				
	(Z)GRD	GRD	550			
	(Y)O	DW27OP				
	(Q)GRD	GRD				
CPMF	(Z)OT	PCPRA	511	(P)	3/3	
	(Y)IO	PCPRA			TO PROC CONTROL	
	(Q)IO	CPROGN			FRAME CKT	
	(Z)OT	PCPRA	511	(W)	3/3	309
	(Y)IO	PCPRA			TO PROC CONTROL	
	(Q)IO	CPROGN			FRAME CKT	
CPMFA	(Z)O	PCPRA	511		TO PROC CONTROL	
	(Y)IO	PCPRA			FRAME CKT	
	(Q)IO	CPROGN				
CPMG	(Z)O	PCPRA	511	(T)	7/1	309
	(Y)IO	PCPRA			TO PROC CONTROL	
	(Q)IO	CPROGN			FRAME CKT	
CPPF	(Z)OT	PCPR8	020	(P)	3/3	
	(Y)IO	PCPR8			TO PROC CONTROL	
	(Q)IO	CPROGP			FRAME CKT	
	(Z)OT	PCPR8	020	(W)	3/3	309
	(Y)IO	PCPR8			TO PROC CONTROL	
	(Q)IO	CPROGP			FRAME CKT	
CPPFA	(Z)O	PCPR8	020		TO PROC CONTROL	
	(Y)IO	PCPR8			FRAME CKT	
	(Q)IO	CPROGP				
CPPG	(Z)O	PCPR8	020	(T)	7/1	309
	(Y)IO	PCPR8			TO PROC CONTROL	
	(Q)IO	CPROGP			FRAME CKT	
GRD04088	GRD	GRD	032			
	GRD	GRD	045			
	GRD	GRD	101			
	GRD	GRD	102			
	GRD	GRD	103			
	GRD	GRD	104			
	GRD	GRD	105			
	GRD	GRD	106			
	GRD	GRD	107			
	GRD	GRD	108			
	GRD	GRD	109			
	GRD	GRD	110			
	(Z)GRD	GRD	113			
	(Y)GRD	GRD				
	GRD	GRD	143			
	GRD	GRD	156			
	(Z)GRD	GRD	224			
	(Y)GRD	GRD				
	GRD	GRD	232			
	GRD	GRD	245			
	GRD	GRD	301			
	GRD	GRD	302			
	GRD	GRD	303			
	GRD	GRD	304			
	GRD	GRD	305			
	GRD	GRD	306			
	GRD	GRD	307			
	GRD	GRD	308			
	GRD	GRD	309			
	GRD	GRD	310			
	(Z)GRD	GRD	313			
	(Y)GRD	GRD				
	GRD	GRD	343			
	(Z)GRD	GRD	424			
	(Y)GRD	GRD				
	GRD	GRD	432			

SYMBOL NO. 1 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-088	UN98(NOTE 306)	A	(Z)
ACHI	04-088	UN19B(NOTE 306)	A	(Y)
BUFR	04-088	UN104	A	(Q)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	445			
	GRD	GRD	543			
	GRD	GRD	556			
PSVFA	PWR	VCC	044			
	PWR	VCC	100			
	PWR	VCC	111		TO PROC CONTROL FRAME CKT	
	PWR	VCC	144			
	PWR	VCC	244			
	PWR	VCC	300			
	PWR	VCC	311			
	PWR	VCC	344			
	PWR	VCC	444			
	PWR	VCC	544			

SYMBOL NO. 2

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-096	UN98(NOTE 306)	A	(Z)
ACHI	04-096	UN19B(NOTE 306)	A	(Y)
IMI	04-096	UN86	A	(Q)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	(Z)O	10MHZ0	517			
	(Y)I	1HPU1	112			
	(Y)I	2HPU1	212			
	(Z)I	INITFF	312			
	(Y)I	3HPU1				
	(Y)I	BPENI0	512			
	(Y)I	4HPU1	518			
	(Y)I	MSMI0	521			
	(Z)GRD	GRD	038			
	(Y)I	DR05IN				
	(Q)IO	TREQ00				
	(Z)GRD	GRD	051			
	(Y)O	DW05ON				
	(Q)I	ENT01				
	(Z)GRD	GRD	119			
	(Y)I	CHERIN				
	(Z)GRD	GRD	137			
	(Y)I	DR05IP				
	(Q)IO	R1DA31				
	(Z)GRD	GRD	150			
	(Y)O	DW05OP				
	(Q)GRD	GRD				
	(Z)GRD	GRD	218			
	(Y)I	CHERIP				
	(Z)GRD	GRD	238			
	(Y)I	DR16IN				
	(Z)GRD	GRD	251			
	(Y)O	DW16ON				
	(Q)GRD	GRD				
	(Z)GRD	GRD	319			
	(Y)O	DPFON				
	(Z)GRD	GRD	337			
	(Y)I	DR16IP				
	(Z)GRD	GRD	350			
	(Y)O	DW16OP				
	(Q)GRD	GRD				

SYMBOL NO. 2 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-096	UN98(NOTE 306)	A	(Z)
ACHI	04-096	UN19B(NOTE 306)	A	(Y)
IMI	04-096	UN86	A	(Q)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	356			
	(Z)GRD	GRD	418			
	(Y)O	DPFOP				
	(Z)GRD	GRD	438			
	(Y)I	DR27IN				
	(Q)IO	VXC15				
	(Z)GRD	GRD	451			
	(Y)O	DW27ON				
	(Q)GRD	GRD				
	(Z)GRD	GRD	537			
	(Y)I	DR27IP				
	(Z)GRD	GRD	550			
	(Y)O	DW27OP				
	(Q)GRD	GRD				
C10AD000	(Z)I	ADAI0	506		TO PROC CONTROL FRAME CKT	
	(Y)I	ADAI0				
C10AD100	(Z)I	ADBI0	507		TO PROC CONTROL FRAME CKT	
	(Y)I	ADBI0				
C10AD200	I		508		TO PROC CONTROL FRAME CKT	
C10AD300	(Z)I	ADCI0	509		TO PROC CONTROL FRAME CKT	
	(Y)I	ADCI0				
C10AD400	I		510		TO PROC CONTROL FRAME CKT	
C10AK000	(Z)O	AKAD0	500		TO PROC CONTROL FRAME CKT	
	(Y)O	AKAD0				
C10AK100	(Z)O	AKBD0	501		TO PROC CONTROL FRAME CKT	
	(Y)O	AKBD0				
C10AK200	I		502		TO PROC CONTROL FRAME CKT	
C10AK300	(Z)O	AKCD0	503		TO PROC CONTROL FRAME CKT	
	(Y)O	AKCD0				
C10AK400	I		504		TO PROC CONTROL FRAME CKT	
C10AK500	I		505		TO PROC CONTROL FRAME CKT	
C10ASW0	(Z)O	ASW00	024		TO PROC CONTROL FRAME CKT	
	(Y)O	ASW00				
C10CER0	(Z)O	CHER00	023		TO PROC CONTROL FRAME CKT	
	(Y)O	CHER00				
C10CLE0	(Z)I	CLRER10	524		TO PROC CONTROL FRAME CKT	
	(Y)I	CLRER10				
C10D000	(Z)IO	DB00B0	401		TO PROC CONTROL FRAME CKT	
	(Y)O	DB00B0				
C10D010	(Z)IO	DB01B0	200		TO PROC CONTROL FRAME CKT	
	(Y)O	DB01B0				
C10D020	(Z)IO	DB02B0	402		TO PROC CONTROL FRAME CKT	
	(Y)O	DB02B0				
C10D030	(Z)IO	DB03B0	403		TO PROC CONTROL FRAME CKT	
	(Y)O	DB03B0				
C10D040	(Z)IO	DB04B0	201		TO PROC CONTROL FRAME CKT	
	(Y)O	DB04B0				
C10D050	(Z)IO	DB05B0	404		TO PROC CONTROL FRAME CKT	
	(Y)O	DB05B0				
C10D060	(Z)IO	DB06B0	405		TO PROC CONTROL FRAME CKT	
	(Y)O	DB06B0				

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SYMBOL(S) 1 2

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DWG SIZE	ISSUE
C2	9B

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PART OF FS 3

I/O CHANNELS

SYMBOL NO. 2 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-096	UN98(NOTE 306)	A	(Z)
ACHI	04-096	UN198(NOTE 306)	A	(Y)
IMI	04-096	UN86	A	(Q)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
CIOD070	(Z)IO	DB07B0	202		TO PROC CONTROL FRAME CKT	
	(Y)O	DB07B0				
CIOD080	(Z)IO	DB08B0	001		TO PROC CONTROL FRAME CKT	
	(Y)O	DB08B0				
CIOD090	(Z)IO	DB09B0	203		TO PROC CONTROL FRAME CKT	
	(Y)O	DB09B0				
CIOD100	(Z)IO	DB10B0	002		TO PROC CONTROL FRAME CKT	
	(Y)O	DB10B0				
CIOD110	(Z)IO	DB11B0	003		TO PROC CONTROL FRAME CKT	
	(Y)O	DB11B0				
CIOD120	(Z)IO	DB12B0	204		TO PROC CONTROL FRAME CKT	
	(Y)O	DB12B0				
CIOD130	(Z)IO	DB13B0	004		TO PROC CONTROL FRAME CKT	
	(Y)O	DB13B0				
CIOD140	(Z)IO	DB14B0	005		TO PROC CONTROL FRAME CKT	
	(Y)O	DB14B0				
	(Q)IO	NIDGNFL0				
CIOD150	(Z)IO	DB15B0	205		TO PROC CONTROL FRAME CKT	
	(Y)O	DB15B0				
CIOD160	(Z)IO	DB16B0	406		TO PROC CONTROL FRAME CKT	
	(Y)O	DB16B0				
CIOD170	(Z)IO	DB17B0	206		TO PROC CONTROL FRAME CKT	
	(Y)O	DB17B0				
CIOD180	(Z)IO	DB18B0	407		TO PROC CONTROL FRAME CKT	
	(Y)O	DB18B0				
CIOD190	(Z)IO	DB19B0	408		TO PROC CONTROL FRAME CKT	
	(Y)O	DB19B0				
CIOD200	(Z)IO	DB20B0	207		TO PROC CONTROL FRAME CKT	
	(Y)O	DB20B0				
CIOD210	(Z)IO	DB21B0	409		TO PROC CONTROL FRAME CKT	
	(Y)O	DB21B0				
CIOD220	(Z)IO	DB22B0	410		TO PROC CONTROL FRAME CKT	
	(Y)O	DB22B0				
CIOD230	(Z)IO	DB23B0	208		TO PROC CONTROL FRAME CKT	
	(Y)O	DB23B0				
CIOD240	(Z)IO	DB24B0	006		TO PROC CONTROL FRAME CKT	
	(Y)O	DB24B0				
	(Q)IO	NIDGN0				
CIOD250	(Z)IO	DB25B0	209		TO PROC CONTROL FRAME CKT	
	(Y)O	DB25B0				
CIOD260	(Z)IO	DB26B0	007		TO PROC CONTROL FRAME CKT	
	(Y)O	DB26B0				
CIOD270	(Z)IO	DB27B0	008		TO PROC CONTROL FRAME CKT	
	(Y)O	DB27B0				
CIOD280	(Z)IO	DB28B0	210		TO PROC CONTROL FRAME CKT	
	(Y)O	DB28B0				
CIOD290	(Z)IO	DB29B0	009		TO PROC CONTROL FRAME CKT	
	(Y)O	DB29B0				
CIOD300	(Z)IO	DB30B0	010		TO PROC CONTROL FRAME CKT	
	(Y)O	DB30B0				
CIOD310	(Z)IO	DB31B0	211		TO PROC CONTROL FRAME CKT	
	(Y)O	DB31B0				
CIOD320	(Z)IO	DBP3B0	400		TO PROC CONTROL FRAME CKT	
	(Y)O	DBP3B0				
CIOD330	(Z)IO	DBP2B0	300		TO PROC CONTROL FRAME CKT	
	(Y)O	DBP2B0				
CIOD340	(Z)IO	DBP1B0	411		TO PROC CONTROL FRAME CKT	
	(Y)O	DBP1B0				
CIOD350	(Z)IO	DBP0B0	011		TO PROC CONTROL FRAME CKT	
	(Y)O	DBP0B0				
CIOEACK0	(Z)I	EACK10	014		TO PROC CONTROL FRAME CKT	
	(Y)I	EACK10				
CIO1AK0	(Z)I	IACK10	523		TO PROC CONTROL FRAME CKT	
	(Y)I	IACK10				
CIO1DL0	(Z)I	IDLEI0	522		TO PROC CONTROL FRAME CKT	
	(Y)I	IDLEI0				
CIO1NH0	(Z)I	INHI0	019		(X)3/3,(X)3/4 TO PROC CONTROL FRAME CKT	
	(Y)I	INHI0				

SYMBOL NO. 2 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-096	UN98(NOTE 306)	A	(Z)
ACHI	04-096	UN198(NOTE 306)	A	(Y)
IMI	04-096	UN86	A	(Q)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
CIOMR0	(Y)O	MR00	022		TO PROC CONTROL FRAME CKT	
CIORDY0	(Z)O	RDY00	021		TO PROC CONTROL FRAME CKT	
	(Y)O	RDY00				
CIORD0	(Z)I	RDI0	017		TO PROC CONTROL FRAME CKT	
	(Y)I	RDI0				
CIORINT0	(Z)I	RINTI0	015		TO PROC CONTROL FRAME CKT	
	(Y)I	RINTI0				
CIORSR0	(Z)I	RDMAI0	520		TO PROC CONTROL FRAME CKT	
	(Y)I	RSRI0				
CIORST0	(Z)I	RSTI0	016		TO PROC CONTROL FRAME CKT	
	(Y)I	RSTI0				
CIOSACK0	(Z)I	SRACKI0	519		TO PROC CONTROL FRAME CKT	
	(Y)I	SRACKI0				
CIOWCA0	(Z)I	WCAI0	018		TO PROC CONTROL FRAME CKT	
	(Y)I	WCAI0				
CIOWD0	(Z)I	WDI0	013		TO PROC CONTROL FRAME CKT	
	(Y)I	WDI0				
CPMF	(Z)OT	PCPRA	511	(T,W)	3/3 TO PROC CONTROL FRAME CKT	309
	(Y)IO	PCPRA				
	(Q)IO	CPROGN				
	(Z)OT	PCPRA	511	(P)	3/3 TO PROC CONTROL FRAME CKT	
	(Y)IO	PCPRA				
	(Q)IO	CPROGN				
CPMF8	(Z)O	PCPRA	511		TO PROC CONTROL FRAME CKT	
	(Y)IO	PCPRA				
	(Q)IO	CPROGN				
CPPF	(Z)OT	PCPRB	020	(P)	3/3 TO PROC CONTROL FRAME CKT	
	(Y)IO	PCPRB				
	(Q)IO	CPROGP				
	(Z)OT	PCPRB	020	(T,W)	3/3 TO PROC CONTROL FRAME CKT	309
	(Y)IO	PCPRB				
	(Q)IO	CPROGP				
CPPF8	(Z)O	PCPRB	020		TO PROC CONTROL FRAME CKT	
	(Y)IO	PCPRB				
	(Q)IO	CPROGP				
DBXX00	(Z)O	DBXX00	012		TO PROC CONTROL FRAME CKT	
	(Y)O	DBXX00				
GRD04096	GRD	GRD	032			
	GRD	GRD	045			
	GRD	GRD	101			
	GRD	GRD	102			
	GRD	GRD	103			
	GRD	GRD	104			
	GRD	GRD	105			
	GRD	GRD	106			
	GRD	GRD	107			
	GRD	GRD	108			
	GRD	GRD	109			
	GRD	GRD	110			
	(Z)GRD	GRD	113			
	(Y)GRD	GRD				
	GRD	GRD	143			
	GRD	GRD	156			
	(Z)GRD	GRD	224			
	(Y)GRD	GRD				
	GRD	GRD	232			
	GRD	GRD	245			
	GRD	GRD	301			
	GRD	GRD	302			
	GRD	GRD	303			
	GRD	GRD	304			
	GRD	GRD	305			

SYMBOL NO. 2 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-096	UN98(NOTE 306)	A	(Z)
ACHI	04-096	UN198(NOTE 306)	A	(Y)
IMI	04-096	UN86	A	(Q)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	306			
	GRD	GRD	307			
	GRD	GRD	308			
	GRD	GRD	309			
	GRD	GRD	310		TO PROC CONTROL FRAME CKT	
	(Z)GRD	GRD	313			
	(Y)GRD	GRD				
	GRD	GRD	343			
	(Z)GRD	GRD	424			
	(Y)GRD	GRD				
	(Z)GRD	GRD	432			
	(Y)GRD	GRD				
	(Q)IO	VXCOR				
	GRD	GRD	445			
	GRD	GRD	543			
	GRD	GRD	556			
INT010	(Z)O	INT00	514		TO PROC CONTROL FRAME CKT	
	(Y)O	INT00				
PROGDMA1	(Z)I	PROGDMA	412		TO PROC CONTROL FRAME CKT	
P5VF8	PWR	VCC	044			
	PWR	VCC	100			
	PWR	VCC	111			
	PWR	VCC	144		TO PROC CONTROL FRAME CKT	
	PWR	VCC	244			
	PWR	VCC	300			
	PWR	VCC	311			
	PWR	VCC	344			
	PWR	VCC	444			
	PWR	VCC	544			
SER010	(Z)O	SER00	513		TO PROC CONTROL FRAME CKT	
	(Y)O	SER00				
SPEEDI	(Z)I	SPEEDI	516		TO PROC CONTROL FRAME CKT	
01CLK00N	(Z)O	CLK00ON	052		TO PROC CONTROL FRAME CKT	
	(Y)O	DW06ON				
	(Q)IO	R00A61				
01CLK00P	(Z)O	CLK00OP	151		TO PROC CONTROL FRAME CKT	
	(Y)O	DW06OP				
	(Q)I	TCK1				
01CLK01N	(Z)O	CLK01ON	046		TO PROC CONTROL FRAME CKT	
	(Y)O	DW00ON				
	(Q)IO	R0DA01				
01CLK01P	(Z)O	CLK01OP	145		TO PROC CONTROL FRAME CKT	
	(Y)O	DW00OP				
	(Q)GRD	GRD				
01CLK02N	(Z)O	CLK02ON	252		TO PROC CONTROL FRAME CKT	
	(Y)O	DW17ON				
01CLK02P	(Z)O	CLK02OP	351		TO PROC CONTROL FRAME CKT	
	(Y)O	DW17OP				
	(Q)GRD	GRD				
01CLK03N	(Z)O	CLK03ON	246		TO PROC CONTROL FRAME CKT	
	(Y)O	DW11ON				
	(Q)IO	TD0R0				
01CLK03P	(Z)O	CLK03OP	345		TO PROC CONTROL FRAME CKT	
	(Y)O	DW11OP				
	(Q)GRD	GRD				
01CLK04N	(Z)O	CLK04ON	452		TO PROC CONTROL FRAME CKT	
	(Y)O	DW28ON				
01CLK04P	(Z)O	CLK04OP	551		TO PROC CONTROL FRAME CKT	
	(Q)GRD	GRD				

SYMBOL NO. 2 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-096	UN98(NOTE 306)	A	(Z)
ACHI	04-096	UN198(NOTE 306)	A	(Y)
IMI	04-096	UN86	A	(Q)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
01CLK05N	(Z)O	CLK05ON	446		TO PROC CONTROL FRAME CKT	
	(Y)O	DW22ON				
	(Q)IO	TD1R0				
01CLK05P	(Z)O	CLK05OP	545		TO PROC CONTROL FRAME CKT	
	(Y)O	DW22OP				
	(Q)GRD	GRD				
01CLK06N	(Z)O	CLK06ON	039		TO PROC CONTROL FRAME CKT	
	(Y)I	DR06IN				
	(Q)O	R1D1S0				
01CLK06P	(Z)O	CLK06OP	138		TO PROC CONTROL FRAME CKT	
	(Y)I	DR06IP				
	(Q)IO	R1DA41				
01CLK07N	(Z)O	CLK07ON	033		TO PROC CONTROL FRAME CKT	
	(Y)I	DR00IN				
	(Q)I	TDA01				
01CLK07P	(Z)O	CLK07OP	132		TO PROC CONTROL FRAME CKT	
	(Y)I	DR00IP				
	(Q)GRD	GRD				
01CLK08N	(Z)O	CLK08ON	239		TO PROC CONTROL FRAME CKT	
	(Y)I	DR17IN				
	(Q)IO	N1NH0				
01CLK08P	(Z)O	CLK08OP	338		TO PROC CONTROL FRAME CKT	
	(Y)I	DR17IP				
01CLK09N	(Z)O	CLK09ON	233		TO PROC CONTROL FRAME CKT	
	(Y)I	DR11IN				
	(Q)IO	N1DGN0				
01CLK09P	(Z)O	CLK09OP	332		TO PROC CONTROL FRAME CKT	
	(Y)I	DR11IP				
	(Q)GRD	GRD				
01CLK10N	(Z)O	CLK10ON	439		TO PROC CONTROL FRAME CKT	
	(Y)I	DR28IN				
	(Q)IO	VXC1S				
01CLK10P	(Z)O	CLK10OP	538		TO PROC CONTROL FRAME CKT	
	(Y)I	DR28IP				
01CLK11N	(Z)O	CLK11ON	433		TO PROC CONTROL FRAME CKT	
	(Y)I	DR22IN				
	(Q)IO	VXCOR				
01CLK11P	(Z)O	CLK11OP	532		TO PROC CONTROL FRAME CKT	
	(Y)I	DR22IP				
01CLK12N	(Z)O	CLK12ON	120		TO PROC CONTROL FRAME CKT	
01CLK12P	(Z)O	CLK12OP	219		TO PROC CONTROL FRAME CKT	
01CLK13N	(Z)O	CLK13ON	114		TO PROC CONTROL FRAME CKT	
	(Y)I	INT11N				
01CLK13P	(Z)O	CLK13OP	213		TO PROC CONTROL FRAME CKT	
	(Y)I	INT11P				
01CLK14N	(Z)O	CLK14ON	320		TO PROC CONTROL FRAME CKT	
01CLK14P	(Z)O	CLK14OP	419		TO PROC CONTROL FRAME CKT	
01CLK15N	(Z)O	CLK15ON	314		TO PROC CONTROL FRAME CKT	
01CLK15P	(Z)O	CLK15OP	413		TO PROC CONTROL FRAME CKT	
01DAH00N	(Z)IO	DAH00BN	055		TO PROC CONTROL FRAME CKT	
	(Y)O	DW09ON				

PART OF FS 3

SYMBOL(S) 2

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MAIN STORE AND IOP GROWTH UNIT

DWG SIZE	ISSUE
D2	9B

AT&T	SD-4C097-01	B3CD

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PART OF FS 3

I/O CHANNELS

SYMBOL NO. 2 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-096	UN98(NOTE 306)	A	(Z)
ACHI	04-096	UN19B(NOTE 306)	A	(Y)
IMI	04-096	UN86	A	(Q)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(Q)IO	RODA71				
01DAH00P	(Z)IO	DAH00BP	154		TO PROC CONTROL	
	(Y)O	DW090P			FRAME CKT	
	(Q)IO	ROCK1				
01DAH01N	(Z)IO	DAH01BN	049		TO PROC CONTROL	
	(Y)O	DW030N			FRAME CKT	
	(Q)IO	RODA31				
01DAH01P	(Z)IO	DAH01BP	148		TO PROC CONTROL	
	(Y)O	DW030P			FRAME CKT	
	(Q)I	TDA61				
01DAH02N	(Z)IO	DAH02BN	255		TO PROC CONTROL	
	(Y)O	DW200N			FRAME CKT	
	(Q)IO	RDOS1				
01DAH02P	(Z)IO	DAH02BP	354		TO PROC CONTROL	
	(Y)O	DW200P			FRAME CKT	
	(Q)IO	CDOS1				
01DAH03N	(Z)IO	DAH03BN	249		TO PROC CONTROL	
	(Y)O	DW140N			FRAME CKT	
	(Q)IO	VXC0S				
01DAH03P	(Z)IO	DAH03BP	348		TO PROC CONTROL	
	(Y)O	DW140P			FRAME CKT	
	(Q)I	C50S1				
01DAH04N	(Z)IO	DAH04BN	455		TO PROC CONTROL	
	(Y)O	DW310N			FRAME CKT	
	(Q)IO	RD1S1				
01DAH04P	(Z)IO	DAH04BP	554		TO PROC CONTROL	
	(Y)O	DW310P			FRAME CKT	
	(Q)IO	CD1S1				
01DAH05N	(Z)IO	DAH05BN	449		TO PROC CONTROL	
	(Y)O	DW250N			FRAME CKT	
	(Q)IO	VXC1S				
01DAH05P	(Z)IO	DAH05BP	548		TO PROC CONTROL	
	(Y)O	DW250P			FRAME CKT	
	(Q)I	CS1S1				
01DAH06N	(Z)IO	DAH06BN	042		TO PROC CONTROL	
	(Y)I	DR091N			FRAME CKT	
	(Q)IO	ENR110D				
01DAH06P	(Z)IO	DAH06BP	141		TO PROC CONTROL	
	(Y)I	DR091P			FRAME CKT	
	(Q)IO	R1DA61				
01DAH07N	(Z)IO	DAH07BN	036		TO PROC CONTROL	
	(Y)I	DR031N			FRAME CKT	
	(Q)I	TDA31				
01DAH07P	(Z)IO	DAH07BP	135		TO PROC CONTROL	
	(Y)I	DR031P			FRAME CKT	
	(Q)GRD	GRD				
01DAH08N	(Z)IO	DAH08BN	242		TO PROC CONTROL	
	(Y)I	DR201N			FRAME CKT	
01DAH08P	(Z)IO	DAH08BP	341		TO PROC CONTROL	
	(Y)I	DR201P			FRAME CKT	
01DAH09N	(Z)IO	DAH09BN	236		TO PROC CONTROL	
	(Y)I	DR141N			FRAME CKT	
01DAH09P	(Z)IO	DAH09BP	335		TO PROC CONTROL	
	(Y)I	DR141P			FRAME CKT	
	(Q)GRD	GRD				
01DAH10N	(Z)IO	DAH10BN	442		TO PROC CONTROL	
	(Y)I	DR311N			FRAME CKT	
01DAH10P	(Z)IO	DAH10BP	541		TO PROC CONTROL	
	(Y)I	DR311P			FRAME CKT	
01DAH11N	(Z)IO	DAH11BN	436		TO PROC CONTROL	
	(Y)I	DR251N			FRAME CKT	
	(Q)IO	VXC1R				
01DAH11P	(Z)IO	DAH11BP	535		TO PROC CONTROL	
	(Y)I	DR251P			FRAME CKT	
	(Q)GRD	GRD				
01DAH12N	(Z)IO	DAH12BN	123		TO PROC CONTROL	
	(Y)I	DRP11N			FRAME CKT	
01DAH12P	(Z)IO	DAH12BP	222		TO PROC CONTROL	
	(Y)I	DRP11P			FRAME CKT	

SYMBOL NO. 2 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-096	UN98(NOTE 306)	A	(Z)
ACHI	04-096	UN19B(NOTE 306)	A	(Y)
IMI	04-096	UN86	A	(Q)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
01DAH13N	(Z)IO	DAH13BN	117		TO PROC CONTROL	
	(Y)I	LIMIN			FRAME CKT	
01DAH13P	(Z)IO	DAH13BP	216		TO PROC CONTROL	
	(Y)I	LIMIP			FRAME CKT	
01DAH14N	(Z)IO	DAH14BN	323		TO PROC CONTROL	
	(Y)O	DWP10N			FRAME CKT	
01DAH14P	(Z)IO	DAH14BP	422		TO PROC CONTROL	
	(Y)O	DWP10P			FRAME CKT	
01DAH15N	(Z)IO	DAH15BN	317		TO PROC CONTROL	
	(Y)O	DRPF0N			FRAME CKT	
01DAH15P	(Z)IO	DAH15BP	416		TO PROC CONTROL	
	(Y)O	DRPF0P			FRAME CKT	
01DAL00N	(Z)IO	DAL00BN	054		TO PROC CONTROL	
	(Y)O	DW080N			FRAME CKT	
	(Q)IO	R0DA61				
01DAL00P	(Z)IO	DAL00BP	153		TO PROC CONTROL	
	(Y)O	DW080P			FRAME CKT	
	(Q)IO	COLLDET0				
01DAL01N	(Z)IO	DAL01BN	048		TO PROC CONTROL	
	(Y)O	DW020N			FRAME CKT	
	(Q)IO	R0DA21				
01DAL01P	(Z)IO	DAL01BP	147		TO PROC CONTROL	
	(Y)O	DW020P			FRAME CKT	
	(Q)I	TDA51				
01DAL02N	(Z)IO	DAL02BN	254		TO PROC CONTROL	
	(Y)O	DW190N			FRAME CKT	
	(Q)IO	CDOR0				
01DAL02P	(Z)IO	DAL02BP	353		TO PROC CONTROL	
	(Y)O	DW190P			FRAME CKT	
	(Q)O	ACP0S0				
01DAL03N	(Z)IO	DAL03BN	248		TO PROC CONTROL	
	(Y)O	DW130N			FRAME CKT	
	(Q)IO	VXC0S				
01DAL03P	(Z)IO	DAL03BP	347		TO PROC CONTROL	
	(Y)O	DW130P			FRAME CKT	
	(Q)IO	VXC0R				
01DAL04N	(Z)IO	DAL04BN	454		TO PROC CONTROL	
	(Y)O	DW300N			FRAME CKT	
	(Q)IO	CD1R0				
01DAL04P	(Z)IO	DAL04BP	553		TO PROC CONTROL	
	(Y)O	DW300P			FRAME CKT	
	(Q)O	ACP1S0				
01DAL05N	(Z)IO	DAL05BN	448		TO PROC CONTROL	
	(Y)O	DW240N			FRAME CKT	
	(Q)IO	VXC1S				
01DAL05P	(Z)IO	DAL05BP	547		TO PROC CONTROL	
	(Y)O	DW240P			FRAME CKT	
	(Q)IO	VXC1R				
01DAL06N	(Z)IO	DAL06BN	041		TO PROC CONTROL	
	(Y)I	DR081N			FRAME CKT	
	(Q)I	ENT11				
01DAL06P	(Z)IO	DAL06BP	140		TO PROC CONTROL	
	(Y)I	DR081P			FRAME CKT	
	(Q)IO	R1DA51				
01DAL07N	(Z)IO	DAL07BN	035		TO PROC CONTROL	
	(Y)I	DR021N			FRAME CKT	
	(Q)I	TDA21				
01DAL07P	(Z)IO	DAL07BP	134		TO PROC CONTROL	
	(Y)I	DR021P			FRAME CKT	
	(Q)IO	R1DA11				
01DAL08N	(Z)IO	DAL08BN	241		TO PROC CONTROL	
	(Y)I	DR191N			FRAME CKT	
01DAL08P	(Z)IO	DAL08BP	340		TO PROC CONTROL	
	(Y)I	DR191P			FRAME CKT	
01DAL09N	(Z)IO	DAL09BN	235		TO PROC CONTROL	
	(Y)I	DR131N			FRAME CKT	
	(Q)I	NIRESET0				
01DAL09P	(Z)IO	DAL09BP	334		TO PROC CONTROL	
	(Y)I	DR131P			FRAME CKT	
01DAL10N	(Z)IO	DAL10BN	441		TO PROC CONTROL	
	(Y)I	DR301N			FRAME CKT	

SYMBOL NO. 2 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-096	UN98(NOTE 306)	A	(Z)
ACHI	04-096	UN19B(NOTE 306)	A	(Y)
IMI	04-096	UN86	A	(Q)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
01DAL10P	(Z)IO	DAL10BP	540		TO PROC CONTROL	
	(Y)I	DR301P			FRAME CKT	
01DAL11N	(Z)IO	DAL11BN	435		TO PROC CONTROL	
	(Y)I	DR241N			FRAME CKT	
	(Q)IO	VXC0S				
01DAL11P	(Z)IO	DAL11BP	534		TO PROC CONTROL	
	(Y)I	DR241P			FRAME CKT	
01DAL12N	(Z)IO	DAL12BN	122		TO PROC CONTROL	
	(Y)I	DRP21N			FRAME CKT	
01DAL12P	(Z)IO	DAL12BP	221		TO PROC CONTROL	
	(Y)I	DRP21P			FRAME CKT	
01DAL13N	(Z)IO	DAL13BN	116		TO PROC CONTROL	
	(Y)I	LIN1N			FRAME CKT	
01DAL13P	(Z)IO	DAL13BP	215		TO PROC CONTROL	
	(Y)I	LIN1P			FRAME CKT	
01DAL14N	(Z)IO	DAL14BN	322		TO PROC CONTROL	
	(Y)O	DWP20N			FRAME CKT	
01DAL14P	(Z)IO	DAL14BP	421		TO PROC CONTROL	
	(Y)O	DWP20P			FRAME CKT	
01DAL15N	(Z)IO	DAL15BN	316		TO PROC CONTROL	
	(Y)O	MSMK0N			FRAME CKT	
01DAL15P	(Z)IO	DAL15BP	415		TO PROC CONTROL	
	(Y)O	MSMK0P			FRAME CKT	
01REQ00N	(Z)IO	REQ00BN	056		TO PROC CONTROL	
	(Y)O	DW100N			FRAME CKT	
	(Q)GRD	GRD				
01REQ00P	(Z)IO	REQ00BP	155		TO PROC CONTROL	
	(Y)O	DW100P			FRAME CKT	
	(Q)O	R0D1S0				
01REQ01N	(Z)IO	REQ01BN	050		TO PROC CONTROL	
	(Y)O	DW040N			FRAME CKT	
	(Q)IO	ATCK0				
01REQ01P	(Z)IO	REQ01BP	149		TO PROC CONTROL	
	(Y)O	DW040P			FRAME CKT	
	(Q)I	TDA71				
01REQ02N	(Z)IO	REQ02BN	256		TO PROC CONTROL	
	(Y)O	DW210N			FRAME CKT	
	(Q)GRD	GRD				
01REQ02P	(Z)IO	REQ02BP	355		TO PROC CONTROL	
	(Y)O	DW210P			FRAME CKT	
	(Q)IO	RD0R0				
01REQ03N	(Z)IO	REQ03BN	250		TO PROC CONTROL	
	(Y)O	DW150N			FRAME CKT	
	(Q)GRD	GRD				
01REQ03P	(Z)IO	REQ03BP	349		TO PROC CONTROL	
	(Y)O	DW150P			FRAME CKT	
	(Q)O	RS0S0				
01REQ04N	(Z)IO	REQ04BN	456		TO PROC CONTROL	
	(Q)GRD	GRD			FRAME CKT	
01REQ04P	(Z)IO	REQ04BP	555		TO PROC CONTROL	
	(Q)IO	RD1R0			FRAME CKT	
01REQ05N	(Z)IO	REQ05BN	450		TO PROC CONTROL	
	(Y)O	DW260N			FRAME CKT	
	(Q)GRD	GRD				
01REQ05P	(Z)IO	REQ05BP	549		TO PROC CONTROL	
	(Y)O	DW260P			FRAME CKT	
	(Q)O	RS1S0				
01REQ06N	(Z)IO	REQ06BN	043		TO PROC CONTROL	
	(Y)I	DR101N			FRAME CKT	
	(Q)GRD	GRD				
01REQ06P	(Z)IO	REQ06BP	142		TO PROC CONTROL	
	(Y)I	DR101P			FRAME CKT	
	(Q)IO	R1DA71				
01REQ07N	(Z)IO	REQ07BN	037		TO PROC CONTROL	
	(Y)I	DR041N			FRAME CKT	
	(Q)I	RD1NDX0				
01REQ07P	(Z)IO	REQ07BP	136		TO PROC CONTROL	
	(Y)I	DR041P			FRAME CKT	
	(Q)IO	R1DAZ1				

SYMBOL NO. 2 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-096	UN98(NOTE 306)	A	(Z)
ACHI	04-096	UN19B(NOTE 306)	A	(Y)
IMI	04-096	UN86	A	(Q)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
01REQ08N	(Z)IO	REQ08BN	243		TO PROC CONTROL	
	(Y)I	DR211N			FRAME CKT	
	(Q)GRD	GRD				
01REQ08P	(Z)IO	REQ08BP	342		TO PROC CONTROL	
	(Y)I	DR211P			FRAME CKT	
01REQ09N	(Z)IO	REQ09BN	237		TO PROC CONTROL	
	(Y)I	DR151N			FRAME CKT	
	(Q)IO	IMIDGN0				
01REQ09P	(Z)IO	REQ09BP	336		TO PROC CONTROL	
	(Y)I	DR151P			FRA CKT	
01REQ10N	(Z)IO	REQ10BN	443		TO PROC CONTROL	
	(Q)GRD	GRD			FRAME CKT	
01REQ10P	(Z)IO	REQ10BP	542		TO PROC CONTROL	
					FRAME CKT	
01REQ11N	(Z)IO	REQ11BN	437		TO PROC CONTROL	
	(Y)I	DR261N			FRAME CKT	
	(Q)IO	VXC1R				
01REQ11P	(Z)IO	REQ11BP	536		TO PROC CONTROL	
	(Y)I	DR261P			FRAME CKT	
01REQ12N	(Z)IO	REQ12BN	124		TO PROC CONTROL	
	(Y)I	DRP01N			FRAME CKT	
01REQ12P	(Z)IO	REQ12BP	223		TO PROC CONTROL	
	(Y)I	DRP01P			FRAME CKT	
01REQ13N	(Z)IO	REQ13BN	118		TO PROC CONTROL	
	(Y)I	CLRF1N			FRAME CKT	
01REQ13P	(Z)IO	REQ13BP	217		TO PROC CONTROL	
	(Y)I	CLRF1P			FRAME CKT	
01REQ14N	(Z)IO	REQ14BN	324		TO PROC CONTROL	
	(Y)O	DWP00N			FRAME CKT	
01REQ14P	(Z)IO	REQ14BP	423		TO PROC CONTROL	
	(Y)O	DWP00P			FRAME CKT	
01REQ15N	(Z)IO	REQ15BN	318		TO PROC CONTROL	
	(Y)O	CPF0N			FRAME CKT	
01REQ15P	(Z)IO	REQ15BP	417		TO PROC CONTROL	
	(Y)O	CPF0P			FRAME CKT	
01XCK00N	(Z)I	XCK00IN	053		TO PROC CONTROL	
	(Y)O	DW070N			FRAME CKT	
	(Q)IO	R0DA51				
01XCK00P	(Z)I	XCK00IP	152		TO PROC CONTROL	
	(Y)O	DW070P			FRAME CKT	
	(Q)I	SWT0				
01XCK01N	(Z)I	XCK01IN	047		TO PROC CONTROL	
	(Y)O	DW010N			FRAME CKT	
	(Q)IO	R0DA11				
01XCK01P	(Z)I	XCK01IP	146		TO PROC CONTROL	
	(Y)O	DW010P			FRAME CKT	
	(Q)I	TDA41				
01XCK02N	(Z)I	XCK02IN	253		TO PROC CONTROL	
	(Y)O	DW180N			FRAME CKT	
01XCK02P	(Z)I	XCK02IP	352		TO PROC CONTROL	
	(Y)O	DW180P			FRAME CKT	
	(Q)I	CP0S0				
01XCK03N	(Z)I	XCK03IN	247		TO PROC CONTROL	
	(Y)O	DW120N			FRAME CKT	
	(Q)IO	VXC0R				
01XCK03P	(Z)I	XCK03IP	346		TO PROC CONTROL	
	(Y)O	DW120P			FRAME CKT	

PART OF FS 3
SYMBOL(S) 2

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MAIN STORE AND IOP GROWTH UNIT

DWG SIZE	ISSUE
C2	9B

AT&T	SD-4C097-01	B3CE

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PART OF FS 3

I/O CHANNELS

SYMBOL NO. 2 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-096	UN98(NOTE 306)	A	(Z)
ACHI	04-096	UN19B(NOTE 306)	A	(Y)
IMI	04-096	UN86	A	(Q)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(Q)IO	TDOS1				
01XCK04N	(Z)I	XCK041N	453		TO PROC CONTROL	
	(Y)O	DW29ON			FRAME CKT	
01XCK04P	(Z)I	XCK041P	552		TO PROC CONTROL	
	(Y)O	DW29OP			FRAME CKT	
	(Q)I	CP1S0				
01XCK05N	(Z)I	XCK051N	447		TO PROC CONTROL	
	(Y)O	DW23ON			FRAME CKT	
	(D)IO	VXC1R				
01XCK05P	(Z)I	XCK051P	546		TO PROC CONTROL	
	(Y)O	DW23OP			FRAME CKT	
	(D)IO	TD1S1				
01XCK06N	(Z)I	XCK061N	040		TO PROC CONTROL	
	(Y)I	DR071N			FRAME CKT	
	(Q)IO	R1CK1				
01XCK06P	(Z)I	XCK061P	139		TO PROC CONTROL	
	(Y)I	DR071P			FRAME CKT	
	(D)GRD	GRD				
01XCK07N	(Z)I	XCK071N	034		TO PROC CONTROL	
	(Y)I	DR011N			FRAME CKT	
	(D)I	TDA11				
01XCK07P	(Z)I	XCK071P	133		TO PROC CONTROL	
	(Y)I	DR011P			FRAME CKT	
	(D)IO	R1DA01				
01XCK08N	(Z)I	XCK081N	240		TO PROC CONTROL	
	(Y)I	DR181N			FRAME CKT	
01XCK08P	(Z)I	XCK081P	339		TO PROC CONTROL	
	(Y)I	DR181P			FRAME CKT	
	(Q)GRD	GRD				
01XCK09N	(Z)I	XCK091N	234		TO PROC CONTROL	
	(Y)I	DR121N			FRAME CKT	
01XCK09P	(Z)I	XCK091P	333		TO PROC CONTROL	
	(Y)I	DR121P			FRAME CKT	
	(Q)IO	NIDGNFLO				
01XCK10N	(Z)I	XCK101N	440		TO PROC CONTROL	
	(Y)I	DR291N			FRAME CKT	
01XCK10P	(Z)I	XCK101P	539		TO PROC CONTROL	
	(Y)I	DR291P			FRAME CKT	
	(D)GRD	GRD				
01XCK11N	(Z)I	XCK111N	434		TO PROC CONTROL	
	(Y)I	DR231N			FRAME CKT	
	(D)IO	VXC0S				
01XCK11P	(Z)I	XCK111P	533		TO PROC CONTROL	
	(Y)I	DR231P			FRAME CKT	
01XCK12N	(Z)I	XCK121N	121		TO PROC CONTROL	
	(Y)I	DRP31N			FRAME CKT	
01XCK12P	(Z)I	XCK121P	220		TO PROC CONTROL	
	(Y)I	DRP31P			FRAME CKT	
01XCK13N	(Z)I	XCK131N	115		TO PROC CONTROL	
	(Y)I	INT21N			FRAME CKT	
01XCK13P	(Z)I	XCK131P	214		TO PROC CONTROL	
	(Y)I	INT21P			FRAME CKT	
01XCK14N	(Z)I	XCK141N	321		TO PROC CONTROL	
	(Y)O	DWP30N			FRAME CKT	
01XCK14P	(Z)I	XCK141P	420		TO PROC CONTROL	
	(Y)O	DWP30P			FRAME CKT	
01XCK15N	(Z)I	XCK151N	315		TO PROC CONTROL	
	(Y)O	INHON			FRAME CKT	
01XCK15P	(Z)I	XCK151P	414		TO PROC CONTROL	
	(Y)O	INHOP			FRAME CKT	
20MHZO	(Z)O	20MHZO	515		TO PROC CONTROL	
	(Y)O	TSPO			FRAME CKT	

SYMBOL NO. 3

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-104	UN98(NOTE 306)	A	(Z)
ACHI	04-104	UN19(NOTE 306)	A	(Y)
NICP	04-104	MC4C108A1B(UN109)	A	(R)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	(Z)O	DBXXD0	012			
	(Y)O	DBXXD0				
	(Z)O	CLK07ON	033			
	(Y)I	DR001N				
	(Z)O	CLK06ON	039			
	(Y)I	DR061N				
	(R)O	NINH0				
	(Z)O	CLK01ON	046			
	(Y)O	DW000N				
	(Z)O	CLK000N	052			
	(Y)O	DW06ON				
	(R)IO	SIT241				
	(Z)O	CLK13ON	114			
	(Y)I	INT11N				
	(Z)O	CLK12ON	120			
	(Z)O	CLK07OP	132			
	(Y)I	DR001P				
	(R)GRD	GRD				
	(Z)O	CLK06OP	138			
	(Y)I	DR061P				
	(R)O	NBDS00				
	(Z)O	CLK01OP	145			
	(Y)O	DW000P				
	(R)GRD	GRD				
	(Z)O	CLK000P	151			
	(Y)O	DW060P				
	(Z)O	CLK13OP	213			
	(Y)I	INT11P				
	(Z)O	CLK12OP	219			
	(Z)O	CLK090N	233			
	(Y)I	DR111N				
	(R)IO	PA001				
	(Z)O	CLK08ON	239			
	(Y)I	DR171N				
	(R)I	NED01B1				
	(Z)O	CLK03ON	246			
	(Y)O	DW110N				
	(R)IO	PA081				
	(Z)O	CLK02ON	252			
	(Y)O	DW170N				
	(R)I	NED17B1				
	(Z)O	CLK15ON	314			
	(Z)O	CLK14ON	320			
	(Z)O	CLK090P	332			
	(Y)I	DR111P				
	(R)GRD	GRD				
	(Z)O	CLK08OP	338			
	(Y)I	DR171P				
	(R)I	RDR00				
	(Z)O	CLK03OP	345			
	(Y)O	DW110P				
	(R)GRD	GRD				
	(Z)O	CLK02OP	351			
	(Y)O	DW170P				
	(Z)O	CLK15OP	413			
	(Z)O	CLK14OP	419			
	(Z)O	CLK11ON	433			
	(Y)I	DR221N				
	(R)IO	PA041				
	(Z)O	CLK100N	439			
	(Y)I	DR281N				
	(R)I	NED09B1				
	(Z)O	CLK05ON	446			
	(Y)O	DW220N				
	(R)IO	PA121				
	(Z)O	CLK04ON	452			
	(Y)O	DW280N				
	(R)I	NED25B1				
	(Z)O	10MHZO	517			

SYMBOL NO. 3 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-104	UN98(NOTE 306)	A	(Z)
ACHI	04-104	UN19(NOTE 306)	A	(Y)
NICP	04-104	MC4C108A1B(UN109)	A	(R)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(Z)O	CLK110P	532			
	(Y)I	DR221P				
	(R)GRD	GRD				
	(Z)O	CLK10OP	538			
	(Y)I	DR281P				
	(R)I	TDR00				
	(Z)O	CLK05OP	545			
	(Y)O	DW22OP				
	(R)GRD	GRD				
	(Z)O	CLK04OP	551			
	(Y)O	DW28OP				
	(R)IO	NBR1W0				
	(Z)I	EACK1O	014			
	(Y)I	EACK1Q				
	(Z)I	XCK071N	034			
	(Y)I	DR011N				
	(Z)I	DAL07BN	035			
	(Y)I	DR021N				
	(R)IO	BDRORST0				
	(Z)I	DAH07BN	036			
	(Y)I	DR031N				
	(Z)I	REQ07BN	037			
	(Y)I	DR041N				
	(R)O	IM1DGN0				
	(Z)I	XCK061N	040			
	(Y)I	DR071N				
	(R)O	PERF00				
	(Z)I	DAL06BN	041			
	(Y)I	DR081N				
	(R)O	PERF10				
	(Z)I	DAH06BN	042			
	(Y)I	DR091N				
	(R)O	PERF20				
	(Z)I	REQ06BN	043			
	(Y)I	DR101N				
	(R)GRD	GRD				
	(Z)I	XCK011N	047			
	(Y)O	DW010N				
	(R)IO	SIT201				
	(Z)I	DAL01BN	048			
	(Y)O	DW020N				
	(Z)I	DAH01BN	049			
	(Y)O	DW030N				
	(R)IO	SIT211				
	(Z)I	REQ01BN	050			
	(Y)O	DW040N				
	(R)IO	SIT221				
	(Z)I	XCK001N	053			
	(Y)O	DW070N				
	(R)IO	SIT251				
	(Z)I	DAL00BN	054			
	(Y)O	DW080N				
	(R)IO	SIT261				
	(Z)I	DAH00BN	055			
	(Y)O	DW090N				
	(R)IO	SIT271				
	(Z)I	REQ00BN	056			
	(Y)O	DW10GN				
	(R)GRD	GRD				
	(Y)I	1HPU1	112			
	(Z)I	XCK131N	115			
	(Y)I	INT21N				
	(Z)I	DAL13BN	116			
	(Y)I	LIN1N				
	(Z)I	DAH13BN	117			
	(Y)I	LIM1N				
	(Z)I	REQ13BN	118			
	(Y)I	CLRF1N				
	(Z)I	XCK121N	121			
	(Y)I	DRP31N				

SYMBOL NO. 3 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-104	UN98(NOTE 306)	A	(Z)
ACHI	04-104	UN19(NOTE 306)	A	(Y)
NICP	04-104	MC4C108A1B(UN109)	A	(R)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(Z)I	DAL12BN	122			
	(Y)I	DRP21N				
	(Z)I	DAH12BN	123			
	(Y)I	DRP11N				
	(Z)I	REQ12BN	124			
	(Y)I	DRP01N				
	(Z)I	XCK071P	133			
	(Y)I	DR011P				
	(Z)I	DAL07BP	134			
	(Y)I	DR021P				
	(R)O	NBDS20				
	(Z)I	DAH07BP	135			
	(Y)I	DR031P				
	(R)GRD	GRD				
	(Z)I	REQ07BP	136			
	(Y)I	DR041P				
	(Z)I	XCK061P	139			
	(Y)I	DR071P				
	(R)GRD	GRD				
	(Z)I	DAL06BP	140			
	(Y)I	DR081P				
	(Z)I	DAH06BP	141			
	(Y)I	DR091P				
	(Z)I	REQ06BP	142			
	(Y)I	DR101P				
	(Z)I	XCK011P	146			
	(Y)O	DW01OP				
	(R)IO	SIT161				
	(Z)I	DAL01BP	147			
	(Y)O	DW02OP				
	(R)IO	SIT171				
	(Z)I	DAH01BP	148			
	(Y)O	DW03OP				
	(Z)I	REQ01BP	149			
	(Y)O	DW04OP				
	(Z)I	XCK001P	152			
	(Y)O	DW07OP				
	(Z)I	DAL00BP	153			
	(Y)O	DW08OP				
	(Z)I	DAH00BP	154			
	(Y)O	DW09OP				
	(Z)I	REQ00BP	155			
	(Y)O	DW10OP				
	(Y)I	2HPU1	212			
	(Z)I	XCK131P	214			
	(Y)I	INT21P				
	(Z)I	DAL13BP	215			
	(Y)I	LIN1P				
	(Z)I	DAH13BP	216			
	(Y)I	LIM1P				
	(Z)I	REQ13BP	217			
	(Y)I	CLRF1P				
	(Z)I	XCK121P	220			
	(Y)I	DRP31P				
	(Z)I	DAL12BP	221			
	(Y)I	DRP21P				

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SYMBOL(S) 2 3

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I/O CHANNELS

SYMBOL NO. 3 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-104	UN98(NOTE 306)	A	(Z)
ACHI	04-104	UN19(NOTE 306)	A	(Y)
NICP	04-104	MC4C108A1B(UN109)	A	(R)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(Z)I	DAH12BP	222			
	(Y)I	DRP1IP				
	(Z)I	REQ12BP	223			
	(Y)I	DRP0IP				
	(Z)I	XCK09IN	234			
	(Y)I	DR12IN				
	(R)IO	PA011				
	(Z)I	DAL09BN	235			
	(Y)I	DR13IN				
	(R)IO	BDRQRST0				
	(Z)I	DAH09BN	236			
	(Y)I	DR14IN				
	(R)GRD	GRD				
	(Z)I	REQ09BN	237			
	(Y)I	DR15IN				
	(R)O	CRDRQ0				
	(Z)I	XCK08IN	240			
	(Y)I	DR18IN				
	(R)I	NED02B1				
	(Z)I	DAL08BN	241			
	(Y)I	DR19IN				
	(R)I	NED03B1				
	(Z)I	DAH08BN	242			
	(Y)I	DR20IN				
	(R)I	NED04B1				
	(Z)I	REQ08BN	243			
	(Y)I	DR21IN				
	(R)GRD	GRD				
	(Z)I	XCK03IN	247			
	(Y)O	DW12ON				
	(R)IO	PA091				
	(Z)I	DAL03BN	248			
	(Y)O	DW13ON				
	(R)GRD	GRD				
	(Z)I	DAH03BN	249			
	(Y)O	DW14ON				
	(R)GRD	NSERR0				
	(Z)I	REQ03BN	250			
	(Y)O	DW15ON				
	(R)I	RINT0				
	(Z)I	XCK02IN	253			
	(Y)O	DW18ON				
	(R)I	NED18B1				
	(Z)I	DAL02BN	254			
	(Y)O	DW19ON				
	(R)I	NED19B1				
	(Z)I	DAH02BN	255			
	(Y)O	DW20ON				
	(R)I	NED20B1				
	(Z)I	REQ02BN	256			
	(Y)O	DW21ON				
	(R)GPD	GRD				
	(Z)I	INITFF	312			
	(Y)I	3HPU1				
	(Z)I	XCK15IN	315			
	(Y)O	INHON				
	(Z)I	DAL15BN	316			
	(Y)O	MSMKON				
	(Z)I	DAH15BN	317			
	(Y)O	DRPFON				
	(Z)I	REQ15BN	318			
	(Y)O	CPFON				
	(Z)I	XCK14IN	321			
	(Y)O	DWP3ON				
	(Z)I	DAL14BN	322			
	(Y)O	DWP2ON				
	(Z)I	DAH14BN	323			
	(Y)O	DWP1ON				
	(Z)I	REQ14BN	324			
	(Y)O	DWP0ON				
	(Z)I	XCK09IP	333			

SYMBOL NO. 3 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-104	UN98(NOTE 306)	A	(Z)
ACHI	04-104	UN19(NOTE 306)	A	(Y)
NICP	04-104	MC4C108A1B(UN109)	A	(R)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(Y)I	DR12IP				
	(R)IO	PA021				
	(Z)I	DAL09BP	334			
	(Y)I	DR13IP				
	(R)IO	PA031				
	(Z)I	DAH09BP	335			
	(Y)I	DR14IP				
	(R)GRD	GRD				
	(Z)I	REQ09BP	336			
	(Y)I	DR15IP				
	(R)I	NBDS30				
	(Z)I	XCK08IP	339			
	(Y)I	DR18IP				
	(R)GRD	GRD				
	(Z)I	DAL08BP	340			
	(Y)I	DR19IP				
	(R)I	NED05B1				
	(Z)I	DAH08BP	341			
	(Y)I	DR20IP				
	(R)I	NED06B1				
	(Z)I	REQ08BP	342			
	(Y)I	DR21IP				
	(R)I	NED07B1				
	(Z)I	XCK03IP	346			
	(Y)O	DW12OP				
	(R)IO	PA101				
	(Z)I	DAL03BP	347			
	(Y)O	DW13OP				
	(R)IO	PA111				
	(Z)I	DAH03BP	348			
	(Y)O	DW14OP				
	(R)GRD	GRD				
	(Z)I	REQ03BP	349			
	(Y)O	DW15OP				
	(R)O	NBDS1Q				
	(Z)I	XCK02IP	352			
	(Y)O	DW18OP				
	(R)GRD	GRD				
	(Z)I	DAL02BP	353			
	(Y)O	DW19OP				
	(R)I	NED21B1				
	(Z)I	DAH02BP	354			
	(Y)O	DW20OP				
	(R)I	NED22B1				
	(Z)I	REQ02BP	355			
	(Y)O	DW21OP				
	(R)I	NED23B1				
	(Z)I	PROGDMA	412			
	(Z)I	XCK15IP	414			
	(Y)O	INHOP				
	(Z)I	DAL15BP	415			
	(Y)O	MSMKOP				
	(Z)I	DAH15BP	416			
	(Y)O	DRPFOP				
	(Z)I	REQ15BP	417			
	(Y)O	CPFOP				
	(Z)I	XCK14IP	420			
	(Y)O	DWP3OP				
	(Z)I	DAL14BP	421			
	(Y)O	DWP2OP				
	(Z)I	DAH14BP	422			
	(Y)O	DWP1OP				
	(Z)I	REQ14BP	423			
	(Y)O	DWP0OP				
	(Z)I	XCK11IN	434			
	(Y)I	DR23IN				
	(R)IO	PA051				
	(Z)I	DAL11BN	435			
	(Y)I	DR24IN				
	(R)O	LUHWSEL0				
	(Z)I	DAH11BN	436			

SYMBOL NO. 3 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-104	UN98(NOTE 306)	A	(Z)
ACHI	04-104	UN19(NOTE 306)	A	(Y)
NICP	04-104	MC4C108A1B(UN109)	A	(R)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(Y)I	DR25IN				
	(R)GRD	GRD				
	(Z)I	REQ11BN	437			
	(Y)I	DR26IN				
	(R)O	CTDRQ0				
	(Z)I	XCK10IN	440			
	(Y)I	DR29IN				
	(R)I	NED10B1				
	(Z)I	DAL10BN	441			
	(Y)I	DR30IN				
	(R)I	NED11B1				
	(Z)I	DAH10BN	442			
	(Y)I	DR31IN				
	(R)I	NED12B1				
	(Z)I	REQ10BN	443			
	(R)GRD	GRD				
	(Z)I	XCK05IN	447			
	(Y)O	DW23ON				
	(R)IO	PA131				
	(Z)I	DAL05BN	448			
	(Y)O	DW24ON				
	(R)O	LUHWSEL0				
	(Z)I	DAH05BN	449			
	(Y)O	DW25ON				
	(R)GRD	GRD				
	(Z)I	REQ05BN	450			
	(Y)O	DW26ON				
	(R)I	LINT0				
	(Z)I	XCK04IN	453			
	(Y)O	DW29ON				
	(R)I	NED26B1				
	(Z)I	DAL04BN	454			
	(Y)O	DW30ON				
	(R)I	NED27B1				
	(Z)I	DAH04BN	455			
	(Y)O	DW31ON				
	(R)I	NED28B1				
	(Z)I	REQ04BN	456			
	(R)GRD	GRD				
	(Y)I	BPENI0	512			
	(Y)I	4HPU1	518			
	(Z)I	SRACK10	519			
	(Y)I	SRACK10				
	(Y)I	MSMI0	521			
	(Z)I	IACK10	523			
	(Y)I	IACK10				
	(Z)I	XCK11IP	533			
	(Y)I	DR23IP				
	(R)IO	PA061				
	(Z)I	DAL11BP	534			
	(Y)I	DR24IP				
	(R)IO	PA071				
	(Z)I	DAH11BP	535			
	(Y)I	DR25IP				
	(R)GRD	GRD				
	(Z)I	REQ11BP	536			
	(Y)I	DR26IP				
	(Z)I	XCK10IP	539			
	(Y)I	DR29IP				
	(R)GRD	GRD				
	(Z)I	DAL10BP	540			
	(Y)I	DR30IP				
	(R)I	NED13B1				
	(Z)I	DAH10BP	541			
	(Y)I	DR31IP				
	(R)I	NED14B1				
	(Z)I	REQ10BP	542			
	(R)I	NED15B1				
	(Z)I	XCK05IP	546			
	(Y)O	DW23OP				
	(R)IO	PA141				

SYMBOL NO. 3 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-104	UN98(NOTE 306)	A	(Z)
ACHI	04-104	UN19(NOTE 306)	A	(Y)
NICP	04-104	MC4C108A1B(UN109)	A	(R)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(Z)I	DAL05BP	547			
	(Y)O	DW24OP				
	(R)IO	OFFBCS0				
	(Z)I	DAH05BP	548			
	(Y)O	DW25OP				
	(R)GRD	GRD				
	(Z)I	REQ05BP	549			
	(Y)O	DW26OP				
	(R)O	BUFDGN0				
	(Z)I	XCK04IP	552			
	(Y)O	DW29OP				
	(R)GRD	GRD				
	(Z)I	DAL04BP	553			
	(Y)O	DW30OP				
	(R)I	NED29B1				
	(Z)I	DAH04BP	554			
	(Y)O	DW31OP				
	(R)I	NED30B1				
	(Z)I	REQ04BP	555			
	(R)I	NED31B1				
	(Z)GRD	GRD	038			
	(Y)I	DR05IN				
	(Z)GRD	GRD	051			
	(Y)O	DW05ON				
	(R)IO	SIT231				
	(Z)GRD	GRD	119			
	(Y)I	CHERIN				
	(Z)GRD	GRD	137			
	(Y)I	DR05IP				
	(Z)GRD	GRD	150			
	(Y)O	DW05OP				
	(R)GRD	GRD				
	(Z)GRD	GRD	218			
	(Y)I	CHERIP				
	(Z)GRD	GRD	238			
	(Y)I	DR16IN				
	(R)I	NED00B1				
	(Z)GRD	GRD	251			
	(Y)O	DW16ON				
	(R)I	NED16B1				
	(Z)GRD	GRD	319			
	(Y)O	DPFON				
	(Z)GRD	GRD	337			
	(Y)I	DR16IP				
	(R)O	RDSO				
	(Z)GRD	GRD	350			
	(Y)O	DW16OP				
	(R)GRD	GRD				
	GRD	GRD	356			
	(Z)GRD	GRD	418			
	(Y)O	DPFOP				
	(Z)GRD	GRD	438			
	(Y)I	DR27IN				
	(R)I	NED08B1				
	(Z)GRD	GRD	451			
	(Y)O	DW27ON				
	(R)I	NED24B1				

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SYMBOL(S) 3

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C2	9B

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I/O CHANNELS

SYMBOL NO. 3 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-104	UN98(NOTE 306)	A	(Z)
ACHI	04-104	UN19(NOTE 306)	A	(Y)
NICP	04-104	MC4C108A1B(UN109)	A	(R)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(Z)GRD	GRD	537			
	(Y)I	DR27IP				
	(R)O	TDS0				
	(Z)GRD	GRD	550			
	(Y)O	DH270P				
	(R)GRD	GRD				
CER100	(Y)OT	MR00	022	(X)	(X)3/4	
CER110	O	CHER00	023		TO PROC CONTROL FRAME CKT	
CIOINH0	I	INH10	019	(X)	3/2	
CPMF	(Z)OT	PCPRA	511		3/4,(P)3/1	
	(R)IO	CPROGN			(P)3/2,(T,W)3/2	
					(W)3/1	
	I				1/1,1/2	
					1/3,1/4	
					1/5,1/6	
					1/7,1/8	
					7/1	
					TO PROC CONTROL FRAME CKT	
CPPF	(Z)OT	PCPR8	020		3/4,(P)3/1	
	(R)IO	CPROGP			(P)3/2,(T,W)3/2	
					(W)3/1	
	I				1/1,1/2	
					1/3,1/4	
					1/5,1/6	
					1/7,1/8	
					7/1	
					TO PROC CONTROL FRAME CKT	
DASW10	(Z)OT	ASW00	024	(X)	(X)3/4	
	(Y)OT	ASW00			TO PROC CONTROL	
	(R)IO	ASW00			FRAME CKT	
DCLE10	I	CLRERI0	524	(X)	(X)3/4	
					TO PROC CONTROL FRAME CKT	
DDB001	(Z)IO	DB00B0	401	(X)	(X)3/4	
	(Y)OT	DB00B0			TO PROC CONTROL	
	(R)IO	DB00B0			FRAME CKT	
DDB011	(Z)IO	DB01B0	200	(X)	(X)3/4	
	(Y)OT	DB01B0			TO PROC CONTROL	
	(R)IO	DB01B0			FRAME CKT	
DDB021	(Z)IO	DB02B0	402	(X)	(X)3/4	
	(Y)OT	DB02B0			TO PROC CONTROL	
	(R)IO	DB02B0			FRAME CKT	
DDB031	(Z)IO	DB03B0	403	(X)	(X)3/4	
	(Y)OT	DB03B0			TO PROC CONTROL	
	(R)IO	DB03B0			FRAME CKT	
DDB041	(Z)IO	DB04B0	201	(X)	(X)3/4	
	(Y)OT	DB04B0			TO PROC CONTROL	
	(R)IO	DB04B0			FRAME CKT	
DDB051	(Z)IO	DB05B0	404	(X)	(X)3/4	
	(Y)OT	DB05B0			TO PROC CONTROL	
	(R)IO	DB05B0			FRAME CKT	
DDB061	(Z)IO	DB06B0	405	(X)	(X)3/4	
	(Y)OT	DB06B0			TO PROC CONTROL	
	(R)IO	DB06B0			FRAME CKT	
DDB071	(Z)IO	DB07B0	202	(X)	(X)3/4	
	(Y)OT	DB07B0			TO PROC CONTROL	
	(R)IO	DB07B0			FRAME CKT	
DDB081	(Z)IO	DB08B0	001	(X)	(X)3/4	
	(Y)OT	DB08B0			TO PROC CONTROL	
	(R)IO	DB08B0			FRAME CKT	
DDB091	(Z)IO	DB09B0	203	(X)	(X)3/4	
	(Y)OT	DB09B0			TO PROC CONTROL	
	(R)IO	DB09B0			FRAME CKT	
DDB101	(Z)IO	DB10B0	002	(X)	(X)3/4	
	(Y)OT	DB10B0			TO PROC CONTROL	
	(R)IO	DB10B0			FRAME CKT	

SYMBOL NO. 3 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-104	UN98(NOTE 306)	A	(Z)
ACHI	04-104	UN19(NOTE 306)	A	(Y)
NICP	04-104	MC4C108A1B(UN109)	A	(R)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
DDB111	(Z)IO	DB11B0	003	(X)	(X)3/4	
	(Y)OT	DB11B0			TO PROC CONTROL	
	(R)IO	DB11B0			FRAME CKT	
DDB121	(Z)IO	DB12B0	204	(X)	(X)3/4	
	(Y)OT	DB12B0			TO PROC CONTROL	
	(R)IO	DB12B0			FRAME CKT	
DDB131	(Z)IO	DB13B0	004	(X)	(X)3/4	
	(Y)OT	DB13B0			TO PROC CONTROL	
	(R)IO	DB13B0			FRAME CKT	
DDB141	(Z)IO	DB14B0	005	(X)	(X)3/4	
	(Y)OT	DB14B0			TO PROC CONTROL	
	(R)IO	DB14B0			FRAME CKT	
DDB151	(Z)IO	DB15B0	205	(X)	(X)3/4	
	(Y)OT	DB15B0			TO PROC CONTROL	
	(R)IO	DB15B0			FRAME CKT	
DDB161	(Z)IO	DB16B0	406	(X)	(X)3/4	
	(Y)OT	DB16B0			TO PROC CONTROL	
	(R)IO	DB16B0			FRAME CKT	
DDB171	(Z)IO	DB17B0	206	(X)	(X)3/4	
	(Y)OT	DB17B0			TO PROC CONTROL	
	(R)IO	DB17B0			FRAME CKT	
DDB181	(Z)IO	DB18B0	407	(X)	(X)3/4	
	(Y)OT	DB18B0			TO PROC CONTROL	
	(R)IO	DB18B0			FRAME CKT	
DDB191	(Z)IO	DB19B0	408	(X)	(X)3/4	
	(Y)OT	DB19B0			TO PROC CONTROL	
	(R)IO	DB19B0			FRAME CKT	
DDB201	(Z)IO	DB20B0	207	(X)	(X)3/4	
	(Y)OT	DB20B0			TO PROC CONTROL	
	(R)IO	DB20B0			FRAME CKT	
DDB211	(Z)IO	DB21B0	409	(X)	(X)3/4	
	(Y)OT	DB21B0			TO PROC CONTROL	
	(R)IO	DB21B0			FRAME CKT	
DDB221	(Z)IO	DB22B0	410	(X)	(X)3/4	
	(Y)OT	DB22B0			TO PROC CONTROL	
	(R)IO	DB22B0			FRAME CKT	
DDB231	(Z)IO	DB23B0	208	(X)	(X)3/4	
	(Y)OT	DB23B0			TO PROC CONTROL	
	(R)IO	DB23B0			FRAME CKT	
DDB241	(Z)IO	DB24B0	006	(X)	(X)3/4	
	(Y)OT	DB24B0			TO PROC CONTROL	
	(R)IO	DB24B0			FRAME CKT	
DDB251	(Z)IO	DB25B0	209	(X)	(X)3/4	
	(Y)OT	DB25B0			TO PROC CONTROL	
	(R)IO	DB25B0			FRAME CKT	
DDB261	(Z)IO	DB26B0	007	(X)	(X)3/4	
	(Y)OT	DB26B0			TO PROC CONTROL	
	(R)IO	DB26B0			FRAME CKT	
DDB271	(Z)IO	DB27B0	008	(X)	(X)3/4	
	(Y)OT	DB27B0			TO PROC CONTROL	
	(R)IO	DB27B0			FRAME CKT	
DDB281	(Z)IO	DB28B0	210	(X)	(X)3/4	
	(Y)OT	DB28B0			TO PROC CONTROL	
	(R)IO	DB28B0			FRAME CKT	
DDB291	(Z)IO	DB29B0	009	(X)	(X)3/4	
	(Y)OT	DB29B0			TO PROC CONTROL	
	(R)IO	DB29B0			FRAME CKT	
DDB301	(Z)IO	DB30B0	010	(X)	(X)3/4	
	(Y)OT	DB30B0			TO PROC CONTROL	
	(R)IO	DB30B0			FRAME CKT	
DDB311	(Z)IO	DB31B0	211	(X)	(X)3/4	
	(Y)OT	DB31B0			TO PROC CONTROL	
	(R)IO	DB31B0			FRAME CKT	
DDB321	(Z)IO	DBP3B0	400	(X)	(X)3/4	
	(Y)OT	DBP3B0			TO PROC CONTROL	
	(R)IO	DBP3B0			FRAME CKT	
DDB331	(Z)IO	DBP2B0	000	(X)	(X)3/4	
	(Y)OT	DBP2B0			TO PROC CONTROL	
	(R)IO	DBP2B0			FRAME CKT	
DDB341	(Z)IO	DBP1B0	411	(X)	(X)3/4	
	(Y)OT	DBP1B0			TO PROC CONTROL	
	(R)IO	DBP1B0			FRAME CKT	

SYMBOL NO. 3 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-104	UN98(NOTE 306)	A	(Z)
ACHI	04-104	UN19(NOTE 306)	A	(Y)
NICP	04-104	MC4C108A1B(UN109)	A	(R)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
DDB351	(Z)IO	DBP0B0	011	(X)	(X)3/4	
	(Y)OT	DBP0B0			TO PROC CONTROL	
	(R)IO	DBP0B0			FRAME CKT	
DIDLE10	I	IDLEI0	522	(X)	(X)3/4	
					TO PROC CONTROL	
					FRAME CKT	
DINT110	(Z)O	INTO0	514			
	(Y)O	INTO0			TO PROC CONTROL	
	(R)O	CREQINT0			FRAME CKT	
DIOAD100	I		510	(X)	(X)3/4	
					TO PROC CONTROL	
					FRAME CKT	
DIOAD110	I	ADA10	506	(X)	(X)3/3	
	I	ADB10	507	(X)	(X)3/3	
					TO PROC CONTROL	
					FRAME CKT	
	I	ADC10	509	(X)	(X)3/3	
DIOAK100	I		504	(X)	(X)3/4	
DIOAK110	(Z)OT	AKA00	500	(X)	(X)3/3	
	(Y)OT	AKA00				
	(R)IO	AKA00				
	(Z)OT	AKB00	501	(X)	(X)3/3	
	(Y)OT	AKB00				
	(R)IO	AKB00				
	(Z)OT	AKC00	503	(X)	(X)3/3	
	(Y)OT	AKC00			TO PROC CONTROL	
	(R)IO	AKC00			FRAME CKT	
	I		505	(X)	(X)3/3	
DMAR110	O	SER00	513			
					TO PROC CONTROL	
					FRAME CKT	
DRDY10	(Z)OT	RDY00	021	(X)	(X)3/4	
	(Y)OT	RDY00			TO PROC CONTROL	
	(R)IO	RDY00			FRAME CKT	
DRD10	I	RDI0	017	(X)	(X)3/4	
					TO PROC CONTROL	
					FRAME CKT	
DRINT10	I	RINTI0	015	(X)	(X)3/4	
					TO PROC CONTROL	
					FRAME CKT	
DRSR10	(Z)I	RDMAI0	520	(X)	(X)3/4	
	(Y)I	RSRI0			TO PROC CONTROL	
	(R)I	RSRI0			FRAME CKT	
DRST10	I	RSTI0	016	(X)	(X)3/4	
					TO PROC CONTROL	
					FRAME CKT	
DWCA10	I	WCAI0	018	(X)	(X)3/4	
					TO PROC CONTROL	
					FRAME CKT	
DWD10	I	WDI0	013	(X)	(X)3/4	
					TO PROC CONTROL	
					FRAME CKT	
GRD04104	GRD	GRD	032			
	GRD	GRD	045		TO PROC CONTROL	
					FRAME CKT	
	GRD	GRD	101			
	GRD	GRD	102			
	GRD	GRD	103			
	GRD	GRD	104			
	GRD	GRD	105			
	GRD	GRD	106			
	GRD	GRD	107			
	GRD	GRD	108			
	GRD	GRD	109			
	GRD	GRD	110			
	(Z)GRD	GRD	113			
	(Y)GRD	GRD				

SYMBOL NO. 3 (CONT)

DUAL SERIAL CHANNEL, ACHI OR 3B NET

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-104	UN98(NOTE 306)	A	(Z)
ACHI	04-104	UN19(NOTE 306)	A	(Y)
NICP	04-104	MC4C108A1B(UN109)	A	(R)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	143			
	GRD	GRD	156			
	GRD	GRD	224			
	GRD	GRD	232			
	GRD	GRD	245			
	GRD	GRD	301			
	GRD	GRD	302			
	GRD	GRD	303			
	GRD	GRD	304			
	GRD	GRD	305			
	GRD	GRD	306			
	GRD	GRD	307			
	GRD	GRD	308			
	GRD	GRD	309			
	GRD	GRD	310			
	(Z)GRD	GRD	313			
	(Y)GRD	GRD				
	GRD	GRD	343			
	GRD	GRD	424			
	GRD	GRD	432			
	GRD	GRD	445			
	GRD	GRD	543			
	GRD	GRD	556			
P5VF	PWR	VCC	044		1/1	
	PWR	VCC	100		1/1	
	PWR	VCC	111		1/1	
	PWR	VCC	144		1/1	
	PWR	VCC	244		1/1	
	PWR	VCC	300		1/1	
	PWR	VCC	311		1/1	
	PWR	VCC	344		1/1	
	PWR	VCC	444		1/1	
	PWR	VCC	544		1/1	
SPEED17	(Z)O	20MHZO	515	(X)	(X)3/3	
	(Y)O	TSP0				
	(Z)I	SPEEDI	516	(X)	(X)3/3	

PART OF FS 3

SYMBOL(S) 3

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MAIN STORE AND TOP GROWTH UNIT

DWG SIZE	ISSUE
D2	9B

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PART OF FS 3

I/O CHANNELS

SYMBOL NO. 4

DUAL SERIAL CHANNEL OR ACHI

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-112	UN98(NOTE 306)	A	(Z)
ACHI	04-112	UN198(NOTE 306)	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	0	DBXX00	012			
	(Y)O	MRO0	022			
	(Z)O	CLK07ON	033			
	(Y)I	DR001N				
	(Z)O	CLK06ON	039			
	(Y)I	DR061N				
	(Z)O	CLK01ON	046			
	(Y)O	DW000N				
	(Z)O	CLK00ON	052			
	(Y)O	DW060N				
	(Z)O	CLK13ON	114			
	(Y)I	INT11N				
	(Z)O	CLK12ON	120			
	(Z)O	CLK07OP	132			
	(Y)I	DR001P				
	(Z)O	CLK06OP	138			
	(Y)I	DR061P				
	(Z)O	CLK01OP	145			
	(Y)O	DW000P				
	(Z)O	CLK00OP	151			
	(Y)O	DW060P				
	(Z)O	CLK13OP	213			
	(Y)I	INT11P				
	(Z)O	CLK12OP	219			
	(Z)O	CLK09ON	233			
	(Y)I	DR111N				
	(Z)O	CLK08ON	239			
	(Y)I	DR171N				
	(Z)O	CLK03ON	246			
	(Y)O	DW110N				
	(Z)O	CLK02ON	252			
	(Y)O	DW170N				
	(Z)O	CLK15ON	314			
	(Z)O	CLK14ON	320			
	(Z)O	CLK09OP	332			
	(Y)I	DR111P				
	(Z)O	CLK08OP	338			
	(Y)I	DR171P				
	(Z)O	CLK03OP	345			
	(Y)O	DW110P				
	(Z)O	CLK02OP	351			
	(Y)O	DW170P				
	(Z)O	CLK15OP	413			
	(Z)O	CLK14OP	419			
	(Z)O	CLK11ON	433			
	(Y)I	DR221N				
	(Z)O	CLK10ON	439			
	(Y)I	DR281N				
	(Z)O	CLK05ON	446			
	(Y)O	DW220N				
	(Z)O	CLK04ON	452			
	(Y)O	DW280N				
	(Z)O	10MHZO	517			
	(Z)O	CLK11OP	532			
	(Y)I	DR221P				
	(Z)O	CLK10OP	538			
	(Y)I	DR281P				
	(Z)O	CLK05OP	545			
	(Y)O	DW220P				
	(Z)O	CLK04OP	551			
	(Y)O	DW280P				
	I	EACKI0	014			
	(Z)I	XCK07IN	034			
	(Y)I	DR011N				
	(Z)I	DAL07BN	035			
	(Y)I	DR021N				
	(Z)I	DAH07BN	036			
	(Y)I	DR031N				

SYMBOL NO. 4 (CONT)

DUAL SERIAL CHANNEL OR ACHI

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-112	UN98(NOTE 306)	A	(Z)
ACHI	04-112	UN198(NOTE 306)	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(Z)I	REQ07BN	037			
	(Y)I	DR041N				
	(Z)I	XCK06IN	040			
	(Y)I	DR071N				
	(Z)I	DAL06BN	041			
	(Y)I	DR081N				
	(Z)I	DAH06BN	042			
	(Y)I	DR091N				
	(Z)I	REQ06BN	043			
	(Y)I	DR101N				
	(Z)I	XCK01IN	047			
	(Y)O	DW010N				
	(Z)I	DAL01BN	048			
	(Y)O	DW020N				
	(Z)I	DAH01BN	049			
	(Y)O	DW030N				
	(Z)I	REQ01BN	050			
	(Y)O	DW040N				
	(Z)I	XCK00IN	053			
	(Y)O	DW070N				
	(Z)I	DAL00BN	054			
	(Y)O	DW080N				
	(Z)I	DAH00BN	055			
	(Y)O	DW090N				
	(Z)I	REQ00BN	056			
	(Y)O	DW100N				
	(Y)I	1HPU1	112			
	(Z)I	XCK13IN	115			
	(Y)I	INT2IN				
	(Z)I	DAL13BN	116			
	(Y)I	LININ				
	(Z)I	DAH13BN	117			
	(Y)I	LIMIN				
	(Z)I	REQ13BN	118			
	(Y)I	CLRFIN				
	(Z)I	XCK12IN	121			
	(Y)I	DRP3IN				
	(Z)I	DAL12BN	122			
	(Y)I	DRP2IN				
	(Z)I	DAH12BN	123			
	(Y)I	DRP1IN				
	(Z)I	REQ12BN	124			
	(Y)I	DRP0IN				
	(Z)I	XCK07IP	133			
	(Y)I	DR01IP				
	(Z)I	DAL07BP	134			
	(Y)I	DR02IP				
	(Z)I	DAH07BP	135			
	(Y)I	DR03IP				
	(Z)I	REQ07BP	136			
	(Y)I	DR04IP				
	(Z)I	XCK06IP	139			
	(Y)I	DR07IP				
	(Z)I	DAL06BP	140			
	(Y)I	DR08IP				
	(Z)I	DAH06BP	141			
	(Y)I	DR09IP				
	(Z)I	REQ06BP	142			
	(Y)I	DR10IP				
	(Z)I	XCK01IP	146			
	(Y)O	DW01DP				
	(Z)I	DAL01BP	147			
	(Y)O	DW02DP				
	(Z)I	DAH01BP	148			
	(Y)O	DW03DP				
	(Z)I	REQ01BP	149			
	(Y)O	DW040P				
	(Z)I	XCK00IP	152			
	(Y)O	DW070P				
	(Z)I	DAL00BP	153			

SYMBOL NO. 4 (CONT)

DUAL SERIAL CHANNEL OR ACHI

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-112	UN98(NOTE 306)	A	(Z)
ACHI	04-112	UN198(NOTE 306)	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(Y)O	DW08DP				
	(Z)I	DAH00BP	154			
	(Y)O	DW090P				
	(Z)I	REQ00BP	155			
	(Y)O	DW100P				
	(Y)I	ZHPU1	212			
	(Z)I	XCK13IP	214			
	(Y)I	INT2IP				
	(Z)I	DAL13BP	215			
	(Y)I	LINIP				
	(Z)I	DAH13BP	216			
	(Y)I	LIMIP				
	(Z)I	REQ13BP	217			
	(Y)I	CLRFIP				
	(Z)I	XCK12IP	220			
	(Y)I	DRP3IP				
	(Z)I	DAL12BP	221			
	(Y)I	DRP2IP				
	(Z)I	DAH12BP	222			
	(Y)I	DRP1IP				
	(Z)I	REQ12BP	223			
	(Y)I	DRP0IP				
	(Z)I	XCK09IN	234			
	(Y)I	DR12IN				
	(Z)I	DAL09BN	235			
	(Y)I	DR13IN				
	(Z)I	DAH09BN	236			
	(Y)I	DR14IN				
	(Z)I	REQ09BN	237			
	(Y)I	DR15IN				
	(Z)I	XCK08IN	240			
	(Y)I	DR18IN				
	(Z)I	DAL08BN	241			
	(Y)I	DR19IN				
	(Z)I	DAH08BN	242			
	(Y)I	DR20IN				
	(Z)I	REQ08BN	243			
	(Y)I	DR21IN				
	(Z)I	XCK03IN	247			
	(Y)O	DW120N				
	(Z)I	DAL03BN	248			
	(Y)O	DW130N				
	(Z)I	DAH03BN	249			
	(Y)O	DW140N				
	(Z)I	REQ03BN	250			
	(Y)O	DW150N				
	(Z)I	XCK02IN	253			
	(Y)O	DW180N				
	(Z)I	DAL02BN	254			
	(Y)O	DW190N				
	(Z)I	DAH02BN	255			
	(Y)O	DW200N				
	(Z)I	REQ02BN	256			
	(Y)O	DW210N				
	(Z)I	INITFF	312			
	(Y)I	3HPU1				
	(Z)I	XCK15IN	315			
	(Y)O	INHON				
	(Z)I	DAL15BN	316			
	(Y)O	MSMKON				
	(Z)I	DAH15BN	317			
	(Y)O	DRPFON				
	(Z)I	REQ15BN	318			
	(Y)O	CPFON				
	(Z)I	XCK14IN	321			
	(Y)O	DWP3ON				

SYMBOL NO. 4 (CONT)

DUAL SERIAL CHANNEL OR ACHI

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-112	UN98(NOTE 306)	A	(Z)
ACHI	04-112	UN198(NOTE 306)	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(Z)I	DAL14BN	322			
	(Y)O	DWP2ON				
	(Z)I	DAH14BN	323			
	(Y)O	DWP1ON				
	(Z)I	REQ14BN	324			
	(Y)O	DWP00N				
	(Z)I	XCK09IP	333			
	(Y)I	DR12IP				
	(Z)I	DAL09BP	334			
	(Y)I	DR13IP				
	(Z)I	DAH09BP	335			
	(Y)I	DR14IP				
	(Z)I	REQ09BP	336			
	(Y)I	DR15IP				
	(Z)I	XCK08IP	339			
	(Y)I	DR18IP				
	(Z)I	DAL08BP	340			
	(Y)I	DR19IP				
	(Z)I	DAH08BP	341			
	(Y)I	DR20IP				
	(Z)I	REQ08BP	342			
	(Y)I	DR21IP				
	(Z)I	XCK03IP	346			
	(Y)O	DW120P				
	(Z)I	DAL03BP	347			
	(Y)O	DW130P				
	(Z)I	DAH03BP	348			
	(Y)O	DW140P				
	(Z)I	REQ03BP	349			
	(Y)O	DW150P				
	(Z)I	XCK02IP	352			
	(Y)O	DW180P				
	(Z)I	DAL02BP	353			
	(Y)O	DW190P				
	(Z)I	DAH02BP	354			
	(Y)O	DW200P				
	(Z)I	REQ02BP	355			
	(Y)O	DW210P				
	(Z)I	PROGDMA	412			
	(Z)I	XCK15IP	414			
	(Y)O	INHOP				
	(Z)I	DAL15BP	415			
	(Y)O	MSMKOP				
	(Z)I	DAH15BP	416			
	(Y)O	DRPFOP				
	(Z)I	REQ15BP	417			
	(Y)O	CPFOP				
	(Z)I	XCK14IP	420			
	(Y)O	DWP3OP				
	(Z)I	DAL14BP	421			
	(Y)O	DWP2OP				
	(Z)I	DAH14BP	422			
	(Y)O	DWP1OP				
	(Z)I	REQ14BP	423			
	(Y)O	DWP0OP				
	(Z)I	XCK11IN	434			

PART OF FS 3

SYMBOL(S) 4

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DWG SIZE	ISSUE
C2	9B

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PART OF FS 3

I/O CHANNELS

SYMBOL NO. 4 (CONT)

DUAL SERIAL CHANNEL OR ACHI

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-112	UN98(NOTE 306)	A	(Z)
ACHI	04-112	UN198(NOTE 306)	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(Y)I	DR23IN				
	(Z)I	DAL11BN	435			
	(Y)I	DR24IN				
	(Z)I	DAH11BN	436			
	(Y)I	DR25IN				
	(Z)I	REQ11BN	437			
	(Y)I	DR26IN				
	(Z)I	XCK101N	440			
	(Y)I	DR29IN				
	(Z)I	DAL10BN	441			
	(Y)I	DR30IN				
	(Z)I	DAH10BN	442			
	(Y)I	DR31IN				
	(Z)I	REQ10BN	443			
	(Z)I	XCK05IN	447			
	(Y)O	DW23ON				
	(Z)I	DAL05BN	448			
	(Y)O	DW24ON				
	(Z)I	DAH05BN	449			
	(Y)O	DW25ON				
	(Z)I	REQ05BN	450			
	(Y)O	DW26ON				
	(Z)I	XCK04IN	453			
	(Y)O	DW29ON				
	(Z)I	DAL04BN	454			
	(Y)O	DW30ON				
	(Z)I	DAH04BN	455			
	(Y)O	DW31ON				
	(Z)I	REQ04BN	456			
	(Y)I	BPENI0	512			
	(Y)I	4HPU1	518			
	I	SRACKI0	519			
	(Y)I	MSMI0	521			
	I	IACKI0	523			
	(Z)I	XCK11IP	533			
	(Y)I	DR23IP				
	(Z)I	DAL11BP	534			
	(Y)I	DR24IP				
	(Z)I	DAH11BP	535			
	(Y)I	DR25IP				
	(Z)I	REQ11BP	536			
	(Y)I	DR26IP				
	(Z)I	XCK10IP	539			
	(Y)I	DR29IP				
	(Z)I	DAL10BP	540			
	(Y)I	DR30IP				
	(Z)I	DAH10BP	541			
	(Y)I	DR31IP				
	(Z)I	REQ10BP	542			
	(Z)I	XCK05IP	546			
	(Y)O	DW23OP				
	(Z)I	DAL05BP	547			
	(Y)O	DW24OP				
	(Z)I	DAH05BP	548			
	(Y)O	DW25OP				
	(Z)I	REQ05BP	549			
	(Y)O	DW26OP				
	(Z)I	XCK04IP	552			
	(Y)O	DW29OP				
	(Z)I	DAL04BP	553			
	(Y)O	DW30OP				
	(Z)I	DAH04BP	554			
	(Y)O	DW31OP				
	(Z)I	REQ04BP	555			
	(Z)GRD	GRD	038			
	(Y)I	DR05IN				

SYMBOL NO. 4 (CONT)

DUAL SERIAL CHANNEL OR ACHI

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-112	UN98(NOTE 306)	A	(Z)
ACHI	04-112	UN198(NOTE 306)	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	(Z)GRD	GRD	051			
	(Y)O	DW05ON				
	(Z)GRD	GRD	119			
	(Y)I	CHERIN				
	(Z)GRD	GRD	137			
	(Y)I	DR05IP				
	(Z)GRD	GRD	150			
	(Y)O	DW05OP				
	(Z)GRD	GRD	218			
	(Y)I	CHERIP				
	(Z)GRD	GRD	238			
	(Y)I	DR161N				
	(Z)GRD	GRD	251			
	(Y)O	DW16ON				
	(Z)GRD	GRD	319			
	(Y)O	DPFON				
	(Z)GRD	GRD	337			
	(Y)I	DR161P				
	(Z)GRD	GRD	350			
	(Y)O	DW16OP				
	GRD	GRD	356			
	(Z)GRD	GRD	418			
	(Y)O	DPFOP				
	(Z)GRD	GRD	438			
	(Y)I	DR271N				
	(Z)GRD	GRD	451			
	(Y)O	DW27ON				
	(Z)GRD	GRD	537			
	(Y)I	DR271P				
	(Z)GRD	GRD	550			
	(Y)O	DW27OP				
CER100	OT	CHERO0	023	(X)	(X)3/3 TO PROC CONTROL FRAME CKT	
CIOINH0	I	INHI0	019	(X)	3/2	
CPMF	(Z)OT	PCPRA	511		3/3	
	(Y)IO	PCPRA				
CPPF	(Z)OT	PCPRB	020		3/3	
	(Y)IO	PCPRB				
DASW10	OT	ASW00	024	(X)	(X)3/3	
DCLE10	I	CLRER10	524	(X)	(X)3/3	
DDB001	(Z)IO	DB00B0	401	(X)	(X)3/3	
	(Y)OT	DB00B0				
DDB011	(Z)IO	DB01B0	Z00	(X)	(X)3/3	
	(Y)OT	DB01B0				
DDB021	(Z)IO	DB02B0	402	(X)	(X)3/3	
	(Y)OT	DB02B0				
DDB031	(Z)IO	DB03B0	403	(X)	(X)3/3	
	(Y)OT	DB03B0				
DDB041	(Z)IO	DB04B0	201	(X)	(X)3/3	
	(Y)OT	DB04B0				
DDB051	(Z)IO	DB05B0	404	(X)	(X)3/3	
	(Y)OT	DB05B0				
DDB061	(Z)IO	DB06B0	405	(X)	(X)3/3	
	(Y)OT	DB06B0				
DDB071	(Z)IO	DB07B0	Z02	(X)	(X)3/3	
	(Y)OT	DB07B0				
DDB081	(Z)IO	DB08B0	001	(X)	(X)3/3	
	(Y)OT	DB08B0				
DDB091	(Z)IO	DB09B0	Z03	(X)	(X)3/3	
	(Y)OT	DB09B0				
DDB101	(Z)IO	DB10B0	002	(X)	(X)3/3	
	(Y)OT	DB10B0				
DDB111	(Z)IO	DB11B0	003	(X)	(X)3/3	
	(Y)OT	DB11B0				
DDB121	(Z)IO	DB12B0	Z04	(X)	(X)3/3	
	(Y)OT	DB12B0				
DDB131	(Z)IO	DB13B0	004	(X)	(X)3/3	
	(Y)OT	DB13B0				

SYMBOL NO. 4 (CONT)

DUAL SERIAL CHANNEL OR ACHI

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-112	UN98(NOTE 306)	A	(Z)
ACHI	04-112	UN198(NOTE 306)	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
DDB141	(Z)IO	DB14B0	005	(X)	(X)3/3	
	(Y)OT	DB14B0				
DDB151	(Z)IO	DB15B0	Z05	(X)	(X)3/3	
	(Y)OT	DB15B0				
DDB161	(Z)IO	DB16B0	406	(X)	(X)3/3	
	(Y)OT	DB16B0				
DDB171	(Z)IO	DB17B0	Z06	(X)	(X)3/3	
	(Y)OT	DB17B0				
DDB181	(Z)IO	DB18B0	407	(X)	(X)3/3	
	(Y)OT	DB18B0				
DDB191	(Z)IO	DB19B0	408	(X)	(X)3/3	
	(Y)OT	DB19B0				
DDB201	(Z)IO	DB20B0	Z07	(X)	(X)3/3	
	(Y)OT	DB20B0				
DDB211	(Z)IO	DB21B0	409	(X)	(X)3/3	
	(Y)OT	DB21B0				
DDB221	(Z)IO	DB22B0	410	(X)	(X)3/3	
	(Y)OT	DB22B0				
DDB231	(Z)IO	DB23B0	Z08	(X)	(X)3/3	
	(Y)OT	DB23B0				
DDB241	(Z)IO	DB24B0	006	(X)	(X)3/3	
	(Y)OT	DB24B0				
DDB251	(Z)IO	DB25B0	Z09	(X)	(X)3/3	
	(Y)OT	DB25B0				
DDB261	(Z)IO	DB26B0	007	(X)	(X)3/3	
	(Y)OT	DB26B0				
DDB271	(Z)IO	DB27B0	008	(X)	(X)3/3	
	(Y)OT	DB27B0				
DDB281	(Z)IO	DB28B0	Z10	(X)	(X)3/3	
	(Y)OT	DB28B0				
DDB291	(Z)IO	DB29B0	009	(X)	(X)3/3	
	(Y)OT	DB29B0				
DDB301	(Z)IO	DB30B0	010	(X)	(X)3/3	
	(Y)OT	DB30B0				
DDB311	(Z)IO	DB31B0	Z11	(X)	(X)3/3	
	(Y)OT	DB31B0				
DDB321	(Z)IO	DBP3B0	400	(X)	(X)3/3	
	(Y)OT	DBP3B0				
DDB331	(Z)IO	DBP28B0	000	(X)	(X)3/3	
	(Y)OT	DBP28B0				
DDB341	(Z)IO	DBP18B0	411	(X)	(X)3/3	
	(Y)OT	DBP18B0				
DDB351	(Z)IO	DBP08B0	011	(X)	(X)3/3	
	(Y)OT	DBP08B0				
DIDLE10	I	IDLEI0	522	(X)	(X)3/3	
DINT100	O	INT00	514		TO PROC CONTROL FRAME CKT	
DIOAD100	I	ADAI0	506	(X)	(X)3/3	
	I	ADBI0	507	(X)	(X)3/3	
	I	ADCI0	509	(X)	(X)3/3	
DIOAK100	OT	AKB00	501	(X)	(X)3/4	
	OT	AKC00	503	(X)	(X)3/4	
	OT	AKA00	500	(X)	(X)3/4	
	I				(X)3/3 TO PROC CONTROL FRAME CKT	
DMAR100	O	SER00	513		TO PROC CONTROL FRAME CKT	
DRDY10	OT	RDY00	021	(X)	(X)3/3	
DRD10	I	RDI0	017	(X)	(X)3/3	
DRINT10	I	RINTI0	015	(X)	(X)3/3	
DRSR10	(Z)I	RDMAI0	520	(X)	(X)3/3	
	(Y)I	RSRI0				
DRST10	I	RSTI0	016	(X)	(X)3/3	
DWCA10	I	WCAI0	018	(X)	(X)3/3	
DWD10	I	WDI0	013	(X)	(X)3/3	
GRD0411Z	GRD	CRD	032			

SYMBOL NO. 4 (CONT)

DUAL SERIAL CHANNEL OR ACHI

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-112	UN98(NOTE 306)	A	(Z)
ACHI	04-112	UN198(NOTE 306)	A	(Y)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	045			
	GRD	GRD	101			
	GRD	GRD	102			
	GRD	GRD	103			
	GRD	GRD	104			
	GRD	GRD	105			
	GRD	GRD	106			
	GRD	GRD	107			
	GRD	GRD	108			
	GRD	GRD	109			
	GRD	GRD	110			
	GRD	GRD	113			
	GRD	GRD	143			
	GRD	GRD	156			
	GRD	GRD	224			
	GRD	GRD	232			
	GRD	GRD	245			
	GRD	GRD	301			
	GRD	GRD	302			
	GRD	GRD	303			
	GRD	GRD	304			
	GRD	GRD	305			
	GRD	GRD	306			
	GRD	GRD	307			
	GRD	GRD	308			
	GRD	GRD	309			
	GRD	GRD	310			
	GRD	GRD	313			
	GRD	GRD	343			
	GRD	GRD	424			
	GRD	GRD	432			
	GRD	GRD	443			
	GRD	GRD	543			
	GRD	GRD	556			
P5VF	PWR	VCC	044		1/1	
	PWR	VCC	100		1/1	
	PWR	VCC	111		1/1	
	PWR	VCC	144		1/1	
	PWR	VCC	244		1/1	
	PWR	VCC	300		1/1	
	PWR	VCC	311		1/1	
	PWR	VCC	344		1/1	
	PWR	VCC	444		1/1	
	PWR	VCC	544		1/1	
SPEED16	(Z)O	20MHZO	515	(X)	(X)3/4	
	(Y)O	TSP0				
	(Z)I	SPEEDI	516	(X)	(X)3/4	

PART OF FS 3

SYMBOL(S) 4

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MAIN STORE AND IOP GROWTH UNIT

DWG SIZE	ISSUE
D2	9B

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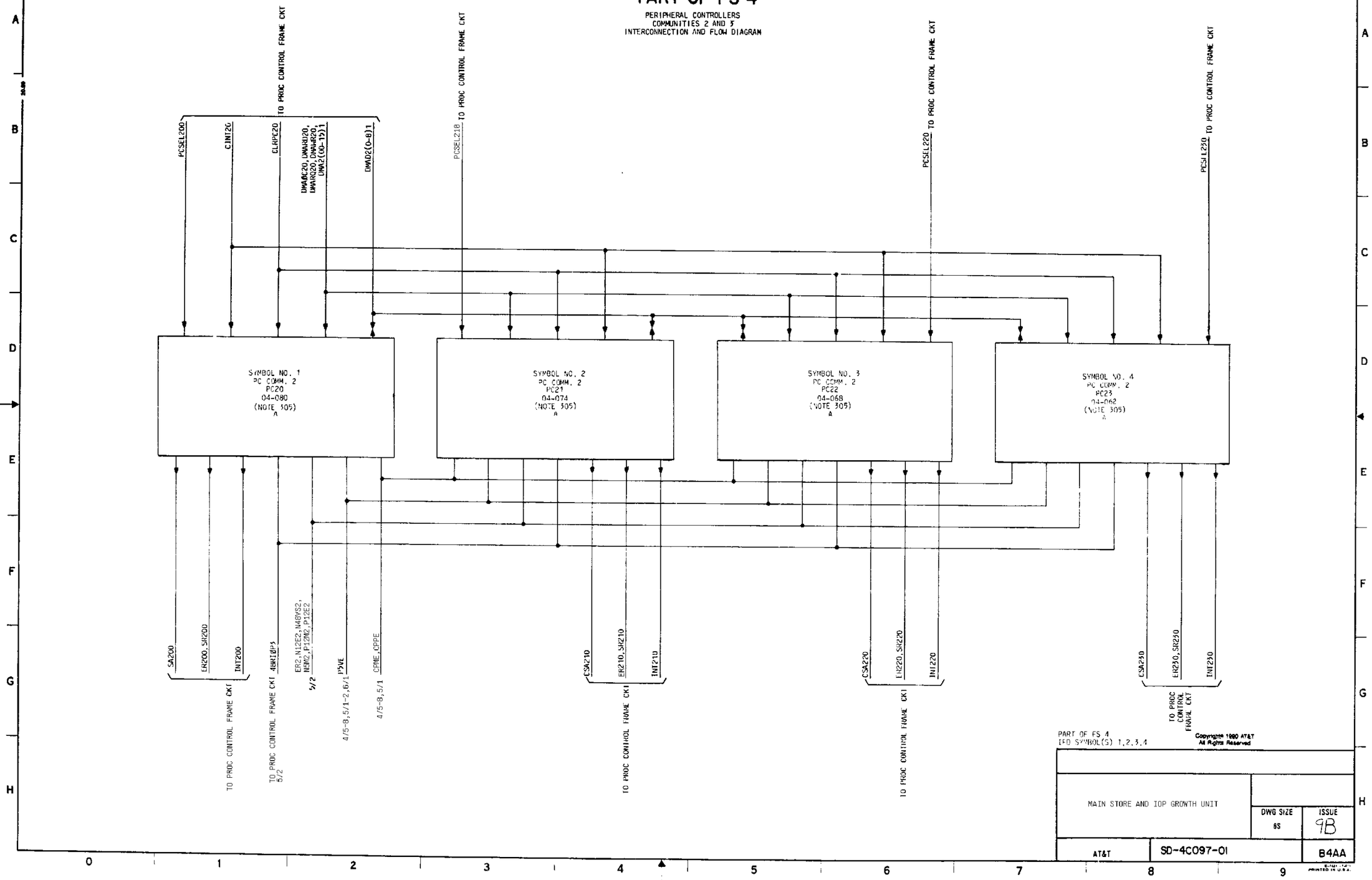
PART OF FS 4

PERIPHERAL CONTROLLERS
COMMUNITIES 2 AND 3
INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 4
IFD SYMBOL(S) 1,2,3,4

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MAIN STORE AND IOP GROWTH UNIT

DWG SIZE	ISSUE
8S	9B

AT&T	SD-4C097-01	B4AA

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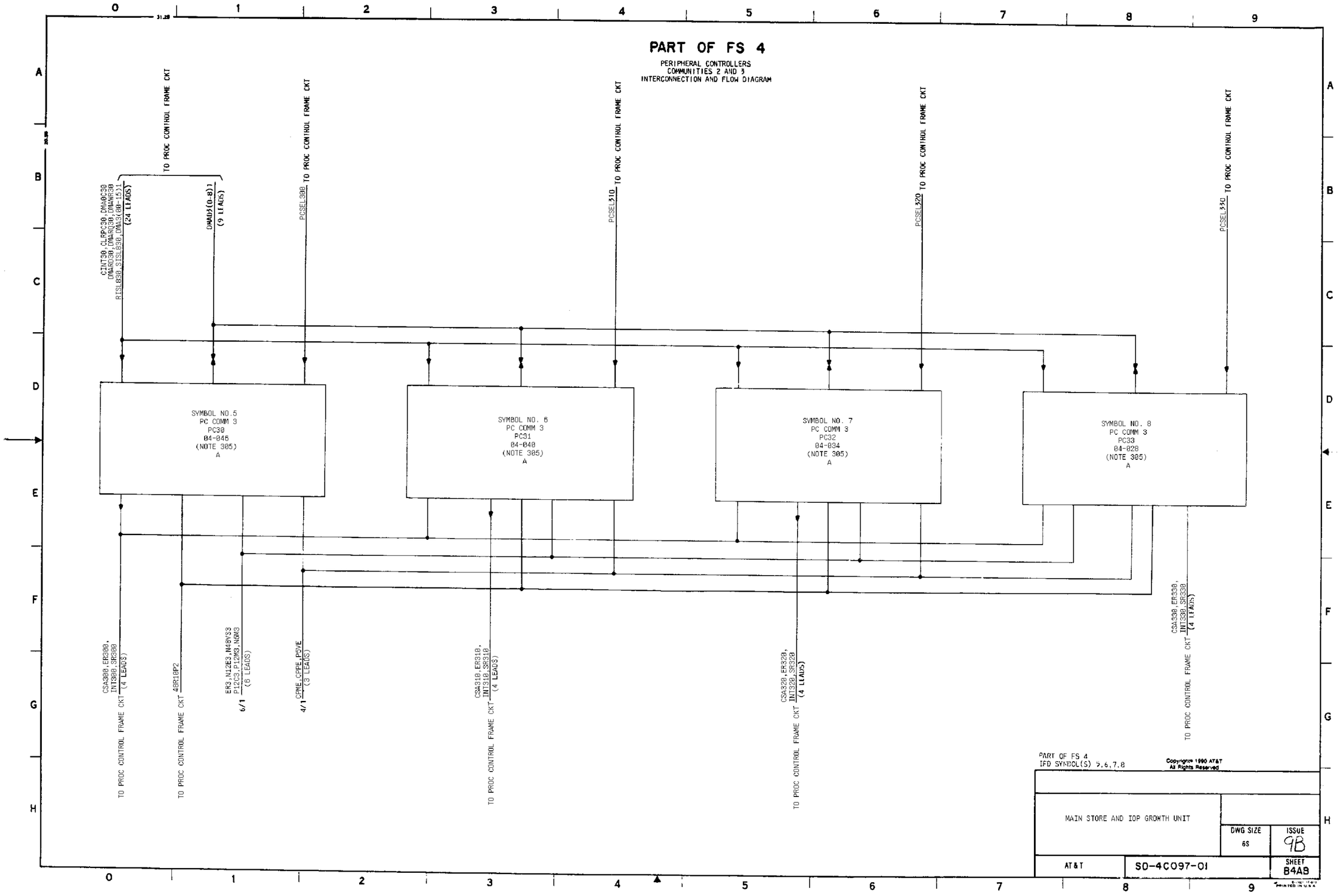
PART OF FS 4
PERIPHERAL CONTROLLERS
COMMUNITIES 2 AND 3
INTERCONNECTION AND FLOW DIAGRAM
TO PROC CONTROL FRAME CKT
CINT30,CLRPC30,DMA0C30
DMAR030,DMAR030,DMAWR30
RISL830,SISL830,DMA3(00-15)1
(24 LEADS)
DMAD3(0-8)1
(9 LEADS)
PCSEL300
PCSEL310
PCSEL320
PCSEL330
SYMBOL NO.5
PC COMM 3
PC30
04-046
(NOTE 305)
A
SYMBOL NO. 6
PC COMM 3
PC31
04-040
(NOTE 305)
A
SYMBOL NO. 7
PC COMM 3
PC32
04-034
(NOTE 305)
A
SYMBOL NO. 8
PC COMM 3
PC33
04-028
(NOTE 305)
A
CSA300,ER300,
INT300,SR300
(4 LEADS)
48R10P2
ER3,N12E3,N48YS3
P12C3,P12M3,N5M3
(6 LEADS)
6/1
CPME,CPPE,P5VE
(3 LEADS)
4/1
CSA310,ER310,
INT310,SR310
(4 LEADS)
CSA320,ER320,
INT320,SR320
(4 LEADS)
CSA330,ER330,
INT330,SR330
(4 LEADS)
PART OF FS 4
IFD SYMBOL(S) 5,6,7,8
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MAIN STORE AND IOP GROWTH UNIT
DWG SIZE
6S
ISSUE
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PART OF FS 4

PERIPHERAL CONTROLLERS
COMMUNITIES 2 AND 3

SYMBOL NO. 1

PC COMMUNITY 2

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PC20	04-080	(NOTE 305)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
CINT20	I		005		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
CLRPC20	I		205		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
CPME	GRD		112		4/2,4/3 4/4,4/5 4/6,4/7 4/8 5/1	
CPPE	GRD		012		4/2,4/3 4/4,4/5 4/6,4/7 4/8 5/1	
CSAZ00	O		301		TO PROC CONTROL FRAME CKT	
DMADZ01	IO		007		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMADZ11	IO		307		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMADZ21	IO		008		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMADZ31	IO		308		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMADZ41	IO		208		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMADZ51	IO		309		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMADZ61	IO		009		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMADZ71	IO		310		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMADZ81	IO		110		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMAOC20	I		303		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMARD20	I		306		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMARQ20	I		203		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMAWR20	I		305		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	

SYMBOL NO. 1 (CONT)

PC COMMUNITY 2

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PC20	04-080	(NOTE 305)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
DMAZ001	I		311		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMAZ011	I		211		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMAZ021	I		011		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMAZ031	I		014		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMAZ041	I		013		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMAZ051	I		213		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMAZ061	I		313		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMAZ071	I		016		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMAZ081	I		015		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMAZ091	I		215		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMAZ101	I		315		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMAZ111	I		217		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMAZ121	I		017		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMAZ131	I		118		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMAZ141	I		018		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
DMAZ151	I		218		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
ER2	GRD		032		4/1	
	GRD		132		4/1	
	GRD		145		4/1	
	GRD		232		4/1	
	GRD		245		4/1	
	GRD		332		4/1	
	GRD		345		4/1	
	GRD		432		4/1	

SYMBOL NO. 1 (CONT)

PC COMMUNITY 2

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PC20	04-080	(NOTE 305)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD		445		4/1	
	GRD		532		4/1	
	GRD		545		4/1	
	GRD		045		4/2,4/3 4/4,5/2	
ER200	O		201		TO PROC CONTROL FRAME CKT	
GRD04080	GRD		004			
	GRD		010			
	GRD		103			
	GRD		105			
	GRD		107			
	GRD		109			
	GRD		111			
	GRD		113			
	GRD		114			
	GRD		115			
	GRD		116			
	GRD		117			
	GRD		200			
	GRD		204			
	GRD		209			
	GRD		210			
	GRD		212			
	GRD		214			
	GRD		216			
	GRD		300			
	GRD		304			
	GRD		312			
	GRD		314			
	GRD		316			
	GRD		317			
	GRD		324			
	GRD		404			
	GRD		409			
	GRD		414			
	GRD		424			
	GRD		524			
INT200	O		101		TO PROC CONTROL FRAME CKT	
N12E2	PWR		144		4/1	
	PWR		044		4/2,4/3 4/4,5/2	
N48VS2	PWR		544		4/2,4/3 4/4,5/2	
N5M2	PWR		207		4/1	
	PWR		206		4/2,4/3 4/4,5/2	
PCSEL200	I		003		TO PROC CONTROL FRAME CKT	
P12E2	PWR		344		4/1	
	PWR		244		4/2,4/3 4/4,5/2	
P12M2	PWR		002		4/1	
	PWR		102		4/1	
	PWR		202		4/1	
	PWR		302		4/2,4/3 4/4,5/2	
P5VE	PWR		000		4/1	
	PWR		024		4/1	
	PWR		100		4/1	
	PWR		224		4/2,4/3 4/4,4/5 4/6,4/7 4/8,5/1	

SYMBOL NO. 1 (CONT)

PC COMMUNITY 2

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PC20	04-080	(NOTE 305)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
					5/2,6/1 5/1	
RISL820	I		006		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
SISL820	I		106		4/2,4/3 4/4 TO PROC CONTROL FRAME CKT	
SRZ00	O		001		TO PROC CONTROL FRAME CKT	
48RIOP3	PWR		444		4/2,4/3 4/4,5/2 TO PROC CONTROL FRAME CKT	

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PERIPHERAL CONTROLLERS
COMMUNITIES 2 AND 3

SYMBOL NO. 2

PC COMMUNITY 2

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PC21	04-074	(NOTE 305)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
CINT20	I		005		4/1	
CLRPC20	I		205		4/1	
CPME	GRD		112		4/1	
CPPE	GRD		012		4/1	
CSA210	O		301		TO PROC CONTROL FRAME CKT	
DMAD201	IO		007		4/1	
DMAD211	IO		307		4/1	
DMAD221	IO		008		4/1	
DMAD231	IO		308		4/1	
DMAD241	IO		208		4/1	
DMAD251	IO		309		4/1	
DMAD261	IO		009		4/1	
DMAD271	IO		310		4/1	
DMAD281	IO		110		4/1	
DMAOC20	I		303		4/1	
DMARD20	I		306		4/1	
DMARQ20	I		203		4/1	
DMAWR20	I		305		4/1	
DMA2001	I		311		4/1	
DMA2011	I		211		4/1	
DMA2021	I		011		4/1	
DMA2031	I		014		4/1	
DMA2041	I		013		4/1	
DMA2051	I		213		4/1	
DMA2061	I		313		4/1	
DMA2071	I		016		4/1	
DMA2081	I		015		4/1	
DMA2091	I		215		4/1	
DMA2101	I		315		4/1	
DMA2111	I		217		4/1	
DMA2121	I		017		4/1	
DMA2131	I		118		4/1	
DMA2141	I		018		4/1	
DMA2151	I		218		4/1	
ER2	GRD		032		4/1	
	GRD		045		4/1	
	GRD		132		4/1	
	GRD		145		4/1	
	GRD		232		4/1	
	GRD		245		4/1	
	GRD		332		4/1	
	GRD		345		4/1	
	GRD		432		4/1	
	GRD		445		4/1	
	GRD		532		4/1	
	GRD		545		4/1	
ER210	O		201		TO PROC CONTROL FRAME CKT	
GRD04074	GRD		004			
	GRD		010			
	GRD		103			
	GRD		105			
	GRD		107			
	GRD		109			
	GRD		111			
	GRD		113			
	GRD		114			
	GRD		115			

SYMBOL NO. 2 (CONT)

PC COMMUNITY 2

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PC21	04-074	(NOTE 305)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD		116			
	GRD		117			
	GRD		200			
	GRD		204			
	GRD		209			
	GRD		210			
	GRD		212			
	GRD		214			
	GRD		216			
	GRD		300			
	GRD		304			
	GRD		312			
	GRD		314			
	GRD		316			
	GRD		317			
	GRD		324			
	GRD		404			
	GRD		409			
	GRD		414			
	GRD		424			
	GRD		524			
INT210	O		101		TO PROC CONTROL FRAME CKT	
N12E2	PWR		044		4/1	
	PWR		144		4/1	
N48VS2	PWR		544		4/1	
N5M2	PWR		206		4/1	
	PWR		207		4/1	
PCSEL210	I		003		TO PROC CONTROL FRAME CKT	
P12E2	PWR		244		4/1	
	PWR		344		4/1	
P12M2	PWR		002		4/1	
	PWR		102		4/1	
	PWR		202		4/1	
	PWR		302		4/1	
P5VE	PWR		000		4/1	
	PWR		024		4/1	
	PWR		100		4/1	
	PWR		224		4/1	
RISL820	I		006		4/1	
SISL820	I		106		4/1	
SR210	O		001		TO PROC CONTROL FRAME CKT	
48RIOP3	PWR		444		4/1	

SYMBOL NO. 3

PC COMMUNITY 2

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PC22	04-068	(NOTE 305)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
CINT20	I		005		4/1	
CLRPC20	I		205		4/1	
CPME	GRD		112		4/1	
CPPE	GRD		012		4/1	
CSAZ20	O		301		TO PROC CONTROL FRAME CKT	
DMAD201	IO		007		4/1	
DMAD211	IO		307		4/1	
DMAD221	IO		008		4/1	
DMAD231	IO		308		4/1	
DMAD241	IO		208		4/1	
DMAD251	IO		309		4/1	
DMAD261	IO		009		4/1	
DMAD271	IO		310		4/1	
DMAD281	IO		110		4/1	
DMAOC20	I		303		4/1	
DMARD20	I		306		4/1	
DMARQ20	I		203		4/1	
DMAWR20	I		305		4/1	
DMA2001	I		311		4/1	
DMA2011	I		211		4/1	
DMA2021	I		011		4/1	
DMA2031	I		014		4/1	
DMA2041	I		013		4/1	
DMA2051	I		213		4/1	
DMA2061	I		313		4/1	
DMA2071	I		016		4/1	
DMA2081	I		015		4/1	
DMA2091	I		215		4/1	
DMA2101	I		315		4/1	
DMA2111	I		217		4/1	
DMA2121	I		017		4/1	
DMA2131	I		118		4/1	
DMA2141	I		018		4/1	
DMA2151	I		218		4/1	
ER2	GRD		032		4/1	
	GRD		045		4/1	
	GRD		132		4/1	
	GRD		145		4/1	
	GRD		232		4/1	
	GRD		245		4/1	
	GRD		332		4/1	
	GRD		345		4/1	
	GRD		432		4/1	
	GRD		445		4/1	
	GRD		532		4/1	
	GRD		545		4/1	
ER220	O		201		TO PROC CONTROL FRAME CKT	
GRD04068	GRD		004			
	GRD		010			
	GRD		103			
	GRD		105			
	GRD		107			
	GRD		109			
	GRD		111			
	GRD		113			
	GRD		114			
	GRD		115			

SYMBOL NO. 3 (CONT)

PC COMMUNITY 2

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PC22	04-068	(NOTE 305)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD		116			
	GRD		117			
	GRD		200			
	GRD		204			
	GRD		209			
	GRD		210			
	GRD		212			
	GRD		214			
	GRD		216			
	GRD		300			
	GRD		304			
	GRD		312			
	GRD		314			
	GRD		316			
	GRD		317			
	GRD		324			
	GRD		404			
	GRD		409			
	GRD		414			
	GRD		424			
	GRD		524			
INT220	O		101		TO PROC CONTROL FRAME CKT	
N12E2	PWR		044		4/1	
	PWR		144		4/1	
N48VS2	PWR		544		4/1	
N5M2	PWR		206		4/1	
	PWR		207		4/1	
PCSEL220	I		003		TO PROC CONTROL FRAME CKT	
P12E2	PWR		244		4/1	
	PWR		344		4/1	
P12M2	PWR		002		4/1	
	PWR		102		4/1	
	PWR		202		4/1	
	PWR		302		4/1	
P5VE	PWR		000		4/1	
	PWR		024		4/1	
	PWR		100		4/1	
	PWR		224		4/1	
RISL820	I		006		4/1	
SISL820	I		106		4/1	
SR220	O		001		TO PROC CONTROL FRAME CKT	
48RIOP3	PWR		444		4/1	

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PERIPHERAL CONTROLLERS
COMMUNITIES 2 AND 3

SYMBOL NO. 4

PC COMMUNITY 2

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PC23	04-062	(NOTE 305)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
CINT20	I		005		4/1	
CLRPC20	I		205		4/1	
CPME	GRD		112		4/1	
CPPE	GRD		012		4/1	
CSA230	0		301		TO PROC CONTROL FRAME CKT	
DMAD201	IO		007		4/1	
DMAD211	IO		307		4/1	
DMAD221	IO		008		4/1	
DMAD231	IO		308		4/1	
DMAD241	IO		208		4/1	
DMAD251	IO		309		4/1	
DMAD261	IO		009		4/1	
DMAD271	IO		310		4/1	
DMAD281	IO		110		4/1	
DMAOC20	I		303		4/1	
DMARD20	I		306		4/1	
DMARQ20	I		203		4/1	
DMAWR20	I		305		4/1	
DMAZ001	I		311		4/1	
DMAZ011	I		211		4/1	
DMAZ021	I		011		4/1	
DMAZ031	I		014		4/1	
DMAZ041	I		013		4/1	
DMAZ051	I		213		4/1	
DMAZ061	I		313		4/1	
DMAZ071	I		016		4/1	
DMAZ081	I		015		4/1	
DMAZ091	I		215		4/1	
DMAZ101	I		315		4/1	
DMAZ111	I		217		4/1	
DMAZ121	I		017		4/1	
DMAZ131	I		118		4/1	
DMAZ141	I		018		4/1	
DMAZ151	I		218		4/1	
ER2	GRD		032		4/1	
	GRD		045		4/1	
	GRD		132		4/1	
	GRD		145		4/1	
	GRD		232		4/1	
	GRD		245		4/1	
	GRD		332		4/1	
	GRD		345		4/1	
	GRD		432		4/1	
	GRD		445		4/1	
	GRD		532		4/1	
	GRD		545		4/1	
ER230	0		201		TO PROC CONTROL FRAME CKT	
GRD04062	GRD		004			
	GRD		010			
	GRD		103			
	GRD		105			
	GRD		107			
	GRD		109			
	GRD		111			
	GRD		113			
	GRD		114			
	GRD		115			

SYMBOL NO. 4 (CONT)

PC COMMUNITY 2

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PC23	04-062	(NOTE 305)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD		116			
	GRD		117			
	GRD		200			
	GRD		204			
	GRD		209			
	GRD		210			
	GRD		212			
	GRD		214			
	GRD		216			
	GRD		300			
	GRD		304			
	GRD		312			
	GRD		314			
	GRD		316			
	GRD		317			
	GRD		324			
	GRD		404			
	GRD		409			
	GRD		414			
	GRD		424			
	GRD		524			
INT230	0		101		TO PROC CONTROL FRAME CKT	
N12E2	PWR		044		4/1	
	PWR		144		4/1	
N48VS2	PWR		544		4/1	
N5M2	PWR		206		4/1	
	PWR		207		4/1	
PCSEL230	I		003		TO PROC CONTROL FRAME CKT	
P12E2	PWR		244		4/1	
	PWR		344		4/1	
P12M2	PWR		002		4/1	
	PWR		102		4/1	
	PWR		202		4/1	
	PWR		302		4/1	
P5VE	PWR		000		4/1	
	PWR		024		4/1	
	PWR		100		4/1	
	PWR		224		4/1	
RISL820	I		006		4/1	
SISL820	I		106		4/1	
SR230	0		001		TO PROC CONTROL FRAME CKT	
48RIOP3	PWR		444		4/1	

SYMBOL NO. 5

PC COMMUNITY 3

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PC30	04-046	(NOTE 305)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
CINT30	I		005		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
CLRPC30	I		205		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
CPME	GRD		112		4/1	
CPPE	GRD		012		4/1	
CSA300	0		301		TO PROC CONTROL FRAME CKT	
DMAD301	IO		007		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMAD311	IO		307		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMAD321	IO		008		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMAD331	IO		308		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMAD341	IO		208		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMAD351	IO		309		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMAD361	IO		009		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMAD371	IO		310		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMAD381	IO		110		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMAOC30	I		303		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMARD30	I		306		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMARQ30	I		203		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMAWR30	I		305		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMA3001	I		311		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMA3011	I		211		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMA3021	I		011		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	

SYMBOL NO. 5 (CONT)

PC COMMUNITY 3

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PC30	04-046	(NOTE 305)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
DMA3031	I		014		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMA3041	I		013		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMA3051	I		213		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMA3061	I		313		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMA3071	I		016		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMA3081	I		015		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMA3091	I		215		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMA3101	I		315		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMA3111	I		217		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMA3121	I		017		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMA3131	I		118		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMA3141	I		018		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
DMA3151	I		218		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
ER3	GRD		032		4/5	
	GRD		045		4/5	
	GRD		132		4/5	
	GRD		145		4/5	
	GRD		232		4/5	
	GRD		245		4/5	
	GRD		332		4/5	
	GRD		432		4/5	

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PERIPHERAL CONTROLLERS
COMMUNITIES 2 AND 3

SYMBOL NO. 5 (CONT)

PC COMMUNITY 3

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PC30	04-046	(NOTE 305)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD		445		4/5	
	GRD		532		4/5	
	GRD		545		4/5	
	GRD		345		4/6,4/7 4/8,6/1	
ER300	O		201		TO PROC CONTROL FRAME CKT	
GRD04046	GRD		004			
	GRD		010			
	GRD		103			
	GRD		105			
	GRD		107			
	GRD		109			
	GRD		111			
	GRD		113			
	GRD		114			
	GRD		115			
	GRD		116			
	GRD		117			
	GRD		200			
	GRD		204			
	GRD		209			
	GRD		210			
	GRD		212			
	GRD		214			
	GRD		216			
	GRD		300			
	GRD		304			
	GRD		312			
	GRD		314			
	GRD		316			
	GRD		317			
	GRD		324			
	GRD		404			
	GRD		409			
	GRD		414			
	GRD		424			
	GRD		524			
INT300	O		101		TO PROC CONTROL FRAME CKT	
N12E3	PWR		044		4/5	
	PWR		144		4/6,4/7 4/8,6/1	
N48VS3	PWR		544		4/6,4/7 4/8,6/1	
N5M3	PWR		206		4/5	
	PWR		207		4/6,4/7 4/8,6/1	
PCSEL300	I		003		TO PROC CONTROL FRAME CKT	
P12E3	PWR		344		4/5	
	PWR		244		4/6,4/7 4/8,6/1	
P12M3	PWR		002		4/5	
	PWR		202		4/5	
	PWR		302		4/5	
	PWR		102		4/6,4/7 4/8,6/1	
P5VE	PWR		000		4/1	
	PWR		024		4/1	
	PWR		100		4/1	
	PWR		224		4/1	
PISL830	I		006		4/6,4/7 4/8 TO PROC CONTROL	

SYMBOL NO. 5 (CONT)

PC COMMUNITY 3

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PC30	04-046	(NOTE 305)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
					FRAME CKT	
SISL830	I		106		4/6,4/7 4/8 TO PROC CONTROL FRAME CKT	
SR300	O		001		TO PROC CONTROL FRAME CKT	
48RIOP2	PWR		444		4/6,4/7 4/8,6/1 TO PROC CONTROL FRAME CKT	

SYMBOL NO. 6

PC COMMUNITY 3

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PC31	04-040	(NOTE 305)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
CINT30	I		005		4/5	
CLRPC30	I		205		4/5	
CPME	GRD		112		4/1	
CPPE	GRD		012		4/1	
CSA310	O		301		TO PROC CONTROL FRAME CKT	
DMAD301	IO		007		4/5	
DMAD311	IO		307		4/5	
DMAD321	IO		008		4/5	
DMAD331	IO		308		4/5	
DMAD341	IO		208		4/5	
DMAD351	IO		309		4/5	
DMAD361	IO		009		4/5	
DMAD371	IO		310		4/5	
DMAD381	IO		110		4/5	
DMADC30	I		303		4/5	
DMARD30	I		306		4/5	
DMARD30	I		203		4/5	
DMAWR30	I		305		4/5	
DMA3001	I		311		4/5	
DMA3011	I		211		4/5	
DMA3021	I		011		4/5	
DMA3031	I		014		4/5	
DMA3041	I		013		4/5	
DMA3051	I		213		4/5	
DMA3061	I		313		4/5	
DMA3071	I		016		4/5	
DMA3081	I		015		4/5	
DMA3091	I		215		4/5	
DMA3101	I		315		4/5	
DMA3111	I		217		4/5	
DMA3121	I		017		4/5	
DMA3131	I		118		4/5	
DMA3141	I		018		4/5	
DMA3151	I		218		4/5	
ER3	GRD		032		4/5	
	GRD		045		4/5	

SYMBOL NO. 6 (CONT)

PC COMMUNITY 3

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PC31	04-040	(NOTE 305)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD		132		4/5	
	GRD		145		4/5	
	GRD		232		4/5	
	GRD		245		4/5	
	GRD		332		4/5	
	GRD		345		4/5	
	GRD		432		4/5	
	GRD		445		4/5	
	GRD		532		4/5	
	GRD		545		4/5	
ER310	O		201		TO PROC CONTROL FRAME CKT	
GRD04040	GRD		004			
	GRD		010			
	GRD		103			
	GRD		105			
	GRD		107			
	GRD		109			
	GRD		111			
	GRD		113			
	GRD		114			
	GRD		115			
	GRD		116			
	GRD		117			
	GRD		200			
	GRD		204			
	GRD		209			
	GRD		210			
	GRD		212			
	GRD		214			
	GRD		216			
	GRD		300			
	GRD		304			
	GRD		312			
	GRD		314			
	GRD		316			
	GRD		317			
	GRD		324			
	GRD		404			
	GRD		409			
	GRD		414			
	GRD		424			
	GRD		524			
INT310	O		101		TO PROC CONTROL FRAME CKT	
N12E3	PWR		044		4/5	
	PWR		144		4/5	
N48VS3	PWR		544		4/5	
N5M3	PWR		206		4/5	
	PWR		207		4/5	
PCSEL310	I		003		TO PROC CONTROL FRAME CKT	
P12E3	PWR		244		4/5	
	PWR		344		4/5	
P12M3	PWR		002		4/5	
	PWR		102		4/5	
	PWR		202		4/5	
	PWR		302		4/5	
P5VE	PWR		000		4/1	
	PWR		024		4/1	

SYMBOL NO. 6 (CONT)

PC COMMUNITY 3

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PC31	04-040	(NOTE 305)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	PWR		100		4/1	
	PWR		Z24		4/1	
RISL830	I		006		4/5	
SISL830	I		106		4/5	
SR310	O		001		TO PROC CONTROL FRAME CKT	
48RIOP2	PWR		444		4/5	

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PERIPHERAL CONTROLLERS
COMMUNITIES 2 AND 3

SYMBOL NO. 7

PC COMMUNITY 3

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PC32	04-034	(NOTE 305)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
CINT30	I		005		4/5	
CLRPC30	I		205		4/5	
CPME	GRD		112		4/1	
CPPE	GRD		012		4/1	
CSA320	O		301		TO PROC CONTROL FRAME CKT	
DMAD301	IO		007		4/5	
DMAD311	IO		307		4/5	
DMAD321	IO		008		4/5	
DMAD331	IO		308		4/5	
DMAD341	IO		208		4/5	
DMAD351	IO		309		4/5	
DMAD361	IO		009		4/5	
DMAD371	IO		310		4/5	
DMAD381	IO		110		4/5	
DMADC30	I		303		4/5	
DMARD30	I		306		4/5	
DMARQ30	I		203		4/5	
DMAWR30	I		305		4/5	
DMA3001	I		311		4/5	
DMA3011	I		211		4/5	
DMA3021	I		011		4/5	
DMA3031	I		014		4/5	
DMA3041	I		013		4/5	
DMA3051	I		213		4/5	
DMA3061	I		313		4/5	
DMA3071	I		016		4/5	
DMA3081	I		015		4/5	
DMA3091	I		215		4/5	
DMA3101	I		315		4/5	
DMA3111	I		217		4/5	
DMA3121	I		017		4/5	
DMA3131	I		118		4/5	
DMA3141	I		018		4/5	
DMA3151	I		218		4/5	
ER3	GRD		032		4/5	
	GRD		045		4/5	
	GRD		132		4/5	
	GRD		145		4/5	
	GRD		232		4/5	
	GRD		245		4/5	
	GRD		332		4/5	
	GRD		345		4/5	
	GRD		432		4/5	
	GRD		445		4/5	
	GRD		532		4/5	
	GRD		545		4/5	
ER320	O		201		TO PROC CONTROL FRAME CKT	
GRD04034	GRD		004			
	GRD		010			
	GRD		103			
	GRD		105			
	GRD		107			
	GRD		109			
	GRD		111			
	GRD		113			
	GRD		114			
	GRD		115			

SYMBOL NO. 7 (CONT)

PC COMMUNITY 3

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PC32	04-034	(NOTE 305)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD		116			
	GRD		117			
	GRD		200			
	GRD		204			
	GRD		209			
	GRD		210			
	GRD		212			
	GRD		214			
	GRD		216			
	GRD		300			
	GRD		304			
	GRD		312			
	GRD		314			
	GRD		316			
	GRD		317			
	GRD		324			
	GRD		404			
	GRD		409			
	GRD		414			
	GRD		424			
	GRD		524			
INT320	O		101		TO PROC CONTROL FRAME CKT	
N12E3	PWR		044		4/5	
	PWR		144		4/5	
N48VS3	PWR		544		4/5	
N5M3	PWR		206		4/5	
	PWR		207		4/5	
PCSEL320	I		003		TO PROC CONTROL FRAME CKT	
P12E3	PWR		244		4/5	
	PWR		344		4/5	
P12M3	PWR		002		4/5	
	PWR		102		4/5	
	PWR		202		4/5	
	PWR		302		4/5	
P5VE	PWR		000		4/1	
	PWR		024		4/1	
	PWR		100		4/1	
	PWR		224		4/1	
RISL830	I		006		4/5	
SISL830	I		106		4/5	
SR320	O		001		TO PROC CONTROL FRAME CKT	
48RIOP2	PWR		444		4/5	

SYMBOL NO. 8

PC COMMUNITY 3

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PC33	04-028	(NOTE 305)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
CINT30	I		005		4/5	
CLRPC30	I		205		4/5	
CPME	GRD		112		4/1	
CPPE	GRD		012		4/1	
CSA330	O		301		TO PROC CONTROL FRAME CKT	
DMAD301	IO		007		4/5	
DMAD311	IO		307		4/5	
DMAD321	IO		008		4/5	
DMAD331	IO		308		4/5	
DMAD341	IO		208		4/5	
DMAD351	IO		309		4/5	
DMAD361	IO		009		4/5	
DMAD371	IO		310		4/5	
DMAD381	IO		110		4/5	
DMADC30	I		303		4/5	
DMARD30	I		306		4/5	
DMARQ30	I		203		4/5	
DMAWR30	I		305		4/5	
DMA3001	I		311		4/5	
DMA3011	I		211		4/5	
DMA3021	I		011		4/5	
DMA3031	I		014		4/5	
DMA3041	I		013		4/5	
DMA3051	I		213		4/5	
DMA3061	I		313		4/5	
DMA3071	I		016		4/5	
DMA3081	I		015		4/5	
DMA3091	I		215		4/5	
DMA3101	I		315		4/5	
DMA3111	I		217		4/5	
DMA3121	I		017		4/5	
DMA3131	I		118		4/5	
DMA3141	I		018		4/5	
DMA3151	I		218		4/5	
ER3	GRD		032		4/5	
	GRD		045		4/5	
	GRD		132		4/5	
	GRD		145		4/5	
	GRD		232		4/5	
	GRD		245		4/5	
	GRD		332		4/5	
	GRD		345		4/5	
	GRD		432		4/5	
	GRD		445		4/5	
	GRD		532		4/5	
	GRD		545		4/5	
ER330	O		201		TO PROC CONTROL FRAME CKT	
GRD04028	GRD		004			
	GRD		010			
	GRD		103			
	GRD		105			
	GRD		107			
	GRD		109			
	GRD		111			
	GRD		113			
	GRD		114			
	GRD		115			

SYMBOL NO. 8 (CONT)

PC COMMUNITY 3

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PC33	04-028	(NOTE 305)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD		116			
	GRD		117			
	GRD		200			
	GRD		204			
	GRD		209			
	GRD		210			
	GRD		212			
	GRD		214			
	GRD		216			
	GRD		300			
	GRD		304			
	GRD		312			
	GRD		314			
	GRD		316			
	GRD		317			
	GRD		324			
	GRD		404			
	GRD		409			
	GRD		414			
	GRD		424			
	GRD		524			
INT330	O		101		TO PROC CONTROL FRAME CKT	
N12E3	PWR		044		4/5	
	PWR		144		4/5	
N48VS3	PWR		544		4/5	
N5M3	PWR		206		4/5	
	PWR		207		4/5	
PCSEL330	I		003		TO PROC CONTROL FRAME CKT	
P12E3	PWR		244		4/5	
	PWR		344		4/5	
P12M3	PWR		002		4/5	
	PWR		102		4/5	
	PWR		202		4/5	
	PWR		302		4/5	
P5VE	PWR		000		4/1	
	PWR		024		4/1	
	PWR		100		4/1	
	PWR		224		4/1	
RISL830	I		006		4/5	
SISL830	I		106		4/5	
SR330	O		001		TO PROC CONTROL FRAME CKT	
48RIOP2	PWR		444		4/5	

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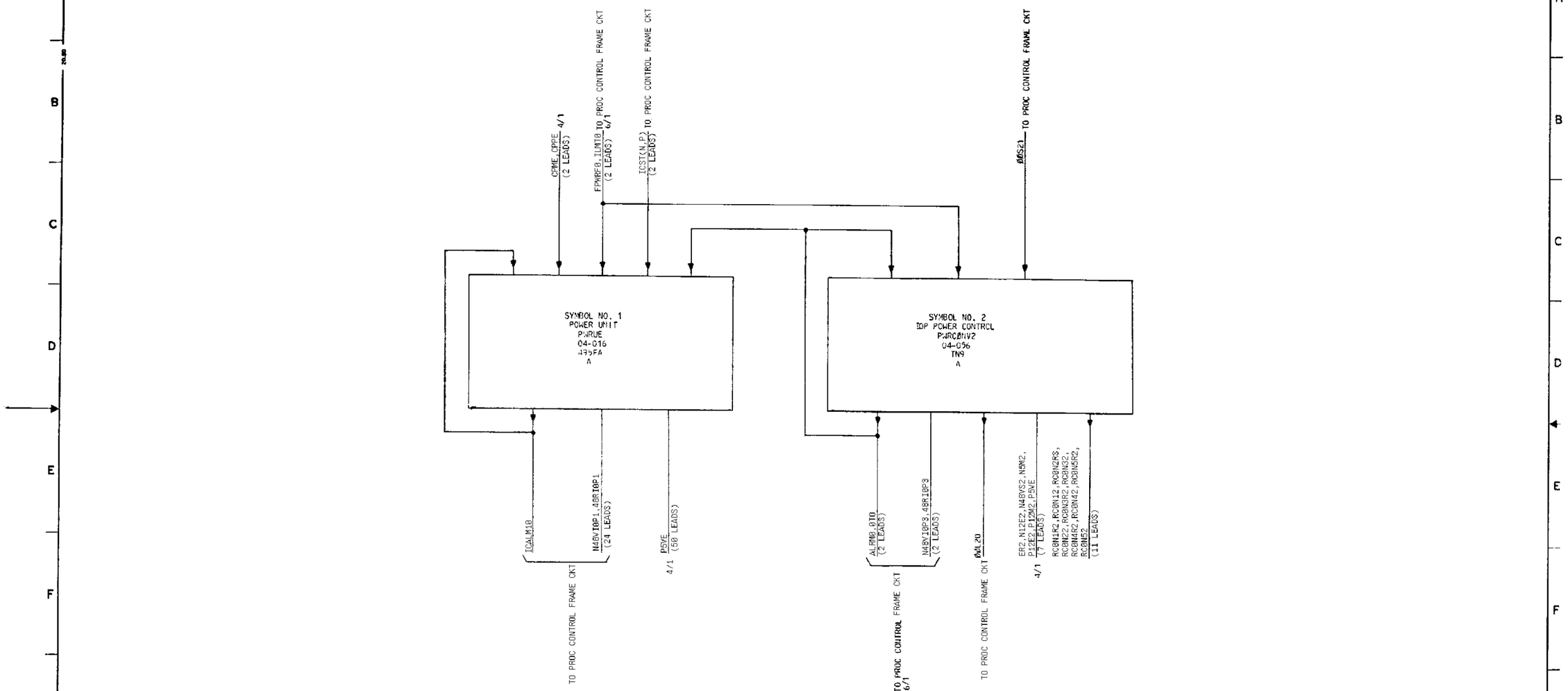
IØP GROWTH POWER
INTERCONNECTION AND FLOW DIAGRAM



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IOP GROWTH POWER

SYMBOL NO. 1

POWER UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PWRUE	04-016	495FA(NOTE 306,307)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	INT	112			
	I	RS4	010			
	I	SC	019			
	I	RS3	109			
	I	+SB	118			
	I	+SYNC	120			
	I	-SYNC	121			
ALRM0	I		315		5/2	
CPME	I	-CP	117		4/1	
CPPE	I	+CP	017		4/1	
FPWRF0	I		314		5/2,6/1 TO PROC CONTROL FRAME CKT	
GRD04016	OT	INT	012			
	OT	ALM1	113		TO PROC CONTROL FRAME CKT	
	I	-S	119			
	GRD	FG	000			
	GRD	FG	001			
	GRD	-E01	032			
	GRD	-E01	033			
	GRD	-E01	034			
	GRD	-E01	035			
	GRD	-E01	036			
	GRD	-E01	037			
	GRD	-E01	038			
	GRD	-E01	039			
	GRD	-E01	040			
	GRD	-E01	041			
	GRD	-E01	042			
	GRD	-E01	043			
	GRD	FG	100			
	GRD	FG	101			
	GRD	-E01	132			
	GRD	-E01	133			
	GRD	-E01	134			
	GRD	-E01	135			
	GRD	-E01	136			
	GRD	-E01	137			
	GRD	-E01	138			
	GRD	-E01	139			
	GRD	-E01	140			
	GRD	-E01	141			
	GRD	-E01	142			
	GRD	-E01	143			
	GRD	FG	200			
	GRD	FG	201			
	GRD	-E01	232			
	GRD	-E01	233			
	GRD	-E01	234			
	GRD	-E01	235			
	GRD	-E01	236			
	GRD	-E01	237			
	GRD	-E01	238			
	GRD	-E01	239			
	GRD	-E01	240			
	GRD	-E01	241			
	GRD	-E01	242			
	GRD	-E01	243			
	GRD	FG	300			

SYMBOL NO. 1 (CONT)

POWER UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PWRUE	04-016	495FA(NOTE 306,307)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	FG	301			
	GRD	-E01	332			
	GRD	-E01	333			
	GRD	-E01	334			
	GRD	-E01	335			
	GRD	-E01	336			
	GRD	-E01	337			
	GRD	-E01	338			
	GRD	-E01	339			
	GRD	-E01	340			
	GRD	-E01	341			
	GRD	-E01	342			
	GRD	-E01	343			
ICALM10	O	ALM2	014		TO PROC CONTROL FRAME CKT	
	I		218			
ICSTN	I	RS2	110			
	I		214		TO PROC CONTROL FRAME CKT	
ICSTP	I	RS1	011			
	I		216		TO PROC CONTROL FRAME CKT	
ILMT0	I		317		5/2,6/1 TO PROC CONTROL FRAME CKT	
N48V10P1	PWR	-VIN	006		TO PROC CONTROL FRAME CKT	
	PWR	-VIN	007			
	PWR	-VIN	008			
	PWR	-VIN	106			
	PWR	-VIN	107			
	PWR	-VIN	108			
	PWR	-VIN	206			
	PWR	-VIN	207			
	PWR	-VIN	208			
	PWR	-VIN	306			
	PWR	-VIN	307			
	PWR	-VIN	308			
OT0	I		316		5/2	
P5VE	PWR	+E01	045		4/1	
	PWR	+E01	046		4/1	
	PWR	+E01	047		4/1	
	PWR	+E01	048		4/1	
	PWR	+E01	049		4/1	
	PWR	+E01	050		4/1	
	PWR	+E01	051		4/1	
	PWR	+E01	052		4/1	
	PWR	+E01	053		4/1	
	PWR	+E01	054		4/1	
	PWR	+E01	055		4/1	
	PWR	+E01	056		4/1	
	PWR	+E01	145		4/1	
	PWR	+E01	146		4/1	
	PWR	+E01	147		4/1	
	PWR	+E01	148		4/1	
	PWR	+E01	149		4/1	
	PWR	+E01	150		4/1	
	PWR	+E01	151		4/1	
	PWR	+E01	152		4/1	
	PWR	+E01	153		4/1	

SYMBOL NO. 1 (CONT)

POWER UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PWRUE	04-016	495FA(NOTE 306,307)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	PWR	+E01	154		4/1	
	PWR	+E01	155		4/1	
	PWR	+E01	156		4/1	
	PWR	+E01	245		4/1	
	PWR	+E01	246		4/1	
	PWR	+E01	247		4/1	
	PWR	+E01	248		4/1	
	PWR	+E01	249		4/1	
	PWR	+E01	250		4/1	
	PWR	+E01	251		4/1	
	PWR	+E01	252		4/1	
	PWR	+E01	253		4/1	
	PWR	+E01	254		4/1	
	PWR	+E01	255		4/1	
	PWR	+E01	256		4/1	
	PWR	+E01	343		4/1	
	PWR	+E01	346		4/1	
	PWR	+E01	347		4/1	
	PWR	+E01	348		4/1	
	PWR	+E01	349		4/1	
	PWR	+E01	350		4/1	
	PWR	+E01	351		4/1	
	PWR	+E01	352		4/1	
	PWR	+E01	353		4/1	
	PWR	+E01	354		4/1	
	PWR	+E01	355		4/1	
	PWR	+E01	356		4/1	
	I	SA	018		4/1	
48RIOP1	PWR	+VIN	003			
	PWR	+VIN	004		TO PROC CONTROL FRAME CKT	
	PWR	+VIN	005			
	PWR	+VIN	102			
	PWR	+VIN	103			
	PWR	+VIN	104			
	PWR	+VIN	203			
	PWR	+VIN	204			
	PWR	+VIN	205			
	PWR	+VIN	302			
	PWR	+VIN	303			
	PWR	+VIN	304			

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IOP GROWTH POWER

SYMBOL NO. 2

POWER CONVERTERS,PC2

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PWRCONV2	04-056	TN9(NOTE 306)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	PWR	P5I	250			
	PWR	P5VREF	253			
	I	RETALM0	247			
	I	CLKEN0	251			
	I	DISEIA1	255			
	I	500MSCK0	350			
ALRM0	I		035		5/2	
	OT	ALRM0	046		6/1	
	I				5/1,6/1 TO PROC CONTROL FRAME CKT	
ER2	GRD	ER	004		4/1	
	GRD	ER	005		4/1	
	GRD	ER	104		4/1	
	GRD	ER	105		4/1	
FPWRF0	I	FPWRF0	034		5/1	
GRD04056	GRD	GRD	012			
	GRD	GRD	013			
	GRD	GRD	112			
	GRD	GRD	113			
	GRD	GRD	212			
	GRD	GRD	213			
	GRD	GRD	312			
	GRD	GRD	313			
ILMT0	I	LMT0	037		5/1	
N12E2	PWR	N12E	001		4/1	
	PWR	N12E	002		4/1	
	PWR	N12EM	003		4/1	
	PWR	N12E	101		4/1	
	PWR	N12E	102		4/1	
N48V10P3	PWR	N48V	010		TO PROC CONTROL FRAME CKT	
	PWR	N48V	110			
N48VS2	PWR	N48VS	244		4/1	
	PWR	N48VS	344		4/1	
N5M2	PWR	N5M	206		4/1	
	PWR	N5M	207		4/1	
	PWR	N5MM	305		4/1	
	PWR	N5M	306		4/1	
	PWR	N5M	307		4/1	
OOLZ0	OT	P50T0	235			
	OT	EIAOT0	242			
	OT	PULLUP	341		TO PROC CONTROL FRAME CKT	
	OT	MEMOT0	342			
OOS21	I	OOS1	237		TO PROC CONTROL FRAME CKT	
OT0	OT	OT00	036		6/1	
	I				5/1 TO PROC CONTROL FRAME CKT	
P12E2	PWR	P12E	007		4/1	
	PWR	P12E	008		4/1	
	PWR	P12EM	106		4/1	
	PWR	P12E	107		4/1	
	PWR	P12E	108		4/1	
P12M2	PWR	P12M	Z01		4/1	
	PWR	P12M	202		4/1	
	PWR	P12M	203		4/1	
	PWR	P12MM	204		4/1	
	PWR	P12M	301		4/1	
	PWR	P12M	302		4/1	
	PWR	P12M	303		4/1	

SYMBOL NO. 2 (CONT)

POWER CONVERTERS,PC2

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PWRCONV2	04-056	TN9(NOTE 306)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
P5VE	PWR	P5VM	338		4/1	
RCON1R2	OT	RCON1R	243			
	OT	RCON1R	254			
RCON12	OT	RCON1	343			
	OT	RCON1	354			
RCON2R2	O	RCON2R	240			
RCON22	O	RCON2	340			
RCON3R2	O	RCON3R	239			
RCON32	O	RCON3	339			
RCON4R2	O	RCON4R	236			
RCON42	O	RCON4	336			
RCON5R2	O	RCON5R	234			
RCON52	O	RCON5	334			
48R1OP3	PWR	48R	210		4/1	
	PWR	48R	310		4/1	

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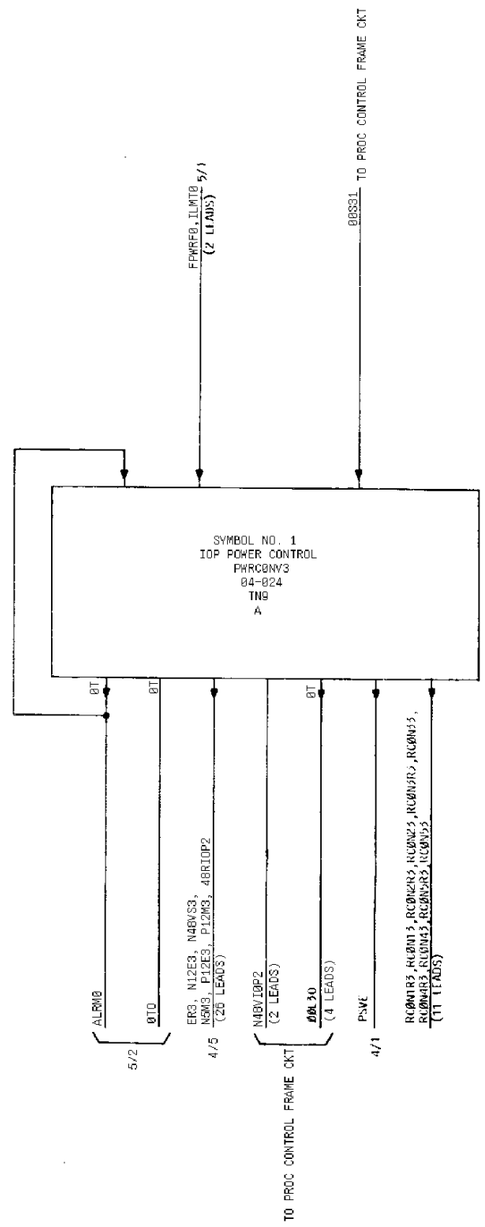
POWER CONVERTERS
FOR COMMUNITY 3
INTERCONNECTION AND FLOW DIAGRAM



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IFD SYMBOL(S) 1

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MAIN STORE AND IOP GROWTH UNIT	DWG SIZE 6S	ISSUE 9B
AT&T	SD-4C097-01	SHEET B6AA

PART OF FS 6

POWER CONVERTERS FOR COMMUNITY 3

SYMBOL NO. 1

POWER CONVERTERS,PC3

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PWRCONV3	04-024	TN9(NOTE 306)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	PWR	P5I	250			
	PWR	P5VREF	253			
	I	RETALM0	247			
	I	CLKEN0	251			
	I	DISE[A1	255			
	I	500MSCK0	350			
ALRM0	OT	ALRM0	046		5/2	
	I		035		5/2	
ER3	GRD	ER	004		4/5	
	GRD	ER	005		4/5	
	GRD	ER	104		4/5	
	GRD	ER	105		4/5	
FPWRF0	I	FPWRF0	034		5/1	
GRD04024	GRD	GRD	012			
	GRD	GRD	013			
	GRD	GRD	112			
	GRD	GRD	113			
	GRD	GRD	212			
	GRD	GRD	213			
	GRD	GRD	312			
	GRD	GRD	313			
ILMT0	I	LMT0	037		5/1	
N12E3	PWR	N12E	001		4/5	
	PWR	N12E	002		4/5	
	PWR	N12EM	003		4/5	
	PWR	N12E	101		4/5	
	PWR	N12E	102		4/5	
N48V10P2	PWR	N48V	010			
	PWR	N48V	110		TO PROC CONTROL FRAME CKT	
N48VS3	PWR	N48VS	244		4/5	
	PWR	N48VS	344		4/5	
N5M3	PWR	N5M	206		4/5	
	PWR	N5M	207		4/5	
	PWR	N5MM	305		4/5	
	PWR	N5M	306		4/5	
	PWR	N5M	307		4/5	
OOL30	OT	P5OT0	235			
	OT	EIAOT0	242		TO PROC CONTROL FRAME CKT	
	OT	PULLUP	341			
	OT	MEMOT0	342			
OOS31	I	OOS1	237		TO PROC CONTROL FRAME CKT	
OT0	OT	OTD0	036		5/2	
P12E3	PWR	P12E	007		4/5	
	PWR	P12E	008		4/5	
	PWR	P12EM	106		4/5	
	PWR	P12E	107		4/5	
	PWR	P12E	108		4/5	
P12M3	PWR	P12M	201		4/5	
	PWR	P12M	202		4/5	
	PWR	P12M	203		4/5	
	PWR	P12MM	204		4/5	
	PWR	P12M	301		4/5	
	PWR	P12M	302		4/5	
	PWR	P12M	303		4/5	
P5VE	PWR	P5VM	338		4/1	
RCON1R3	OT	RCON1R	243			
	OT	RCON1R	254			

SYMBOL NO. 1 (CONT)

POWER CONVERTERS,PC3

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PWRCONV3	04-024	TN9(NOTE 306)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
RCON13	OT	RCON1	343			
	OT	RCON1	354			
RCON2R3	O	RCON2R	240			
RCON23	O	RCON2	340			
RCON3R3	O	RCON3R	239			
RCON33	O	RCON3	339			
RCON4R3	O	RCON4R	236			
RCON43	O	RCON4	336			
RCON5R3	O	RCON5R	234			
RCON53	O	RCON5	334			
48RIOP2	PWR	48R	210		4/5	
	PWR	48R	310		4/5	

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MAIN STORE AND IOP GROWTH UNIT

DWG SIZE C2 | ISSUE 9B

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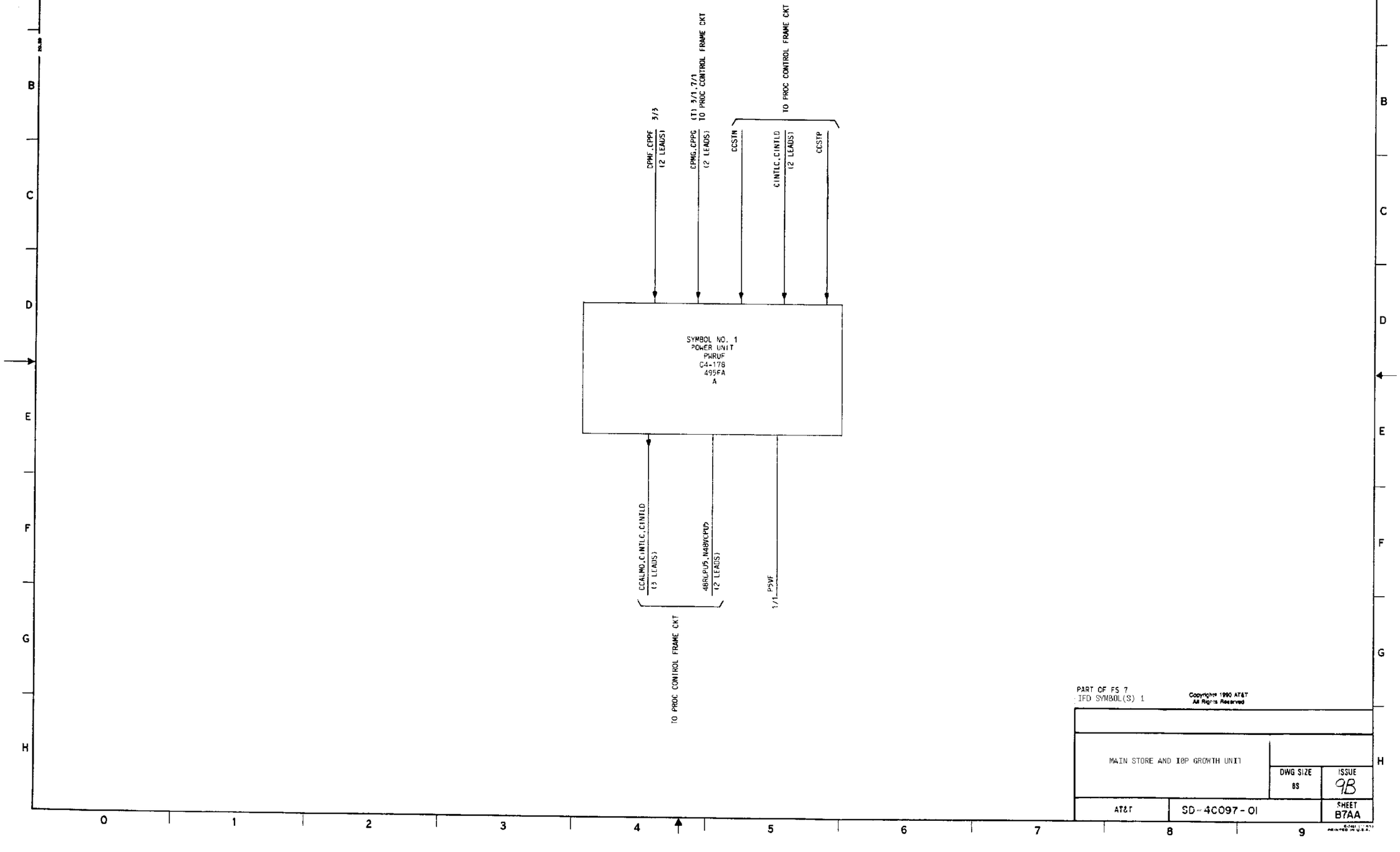
5 VOLT POWER FOR MAIN STORE AND I/O
INTERCONNECTION AND FLOW DIAGRAM



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IFD SYMBOL(S) 1

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MAIN STORE AND IOP GROWTH UNIT

DWG SIZE	ISSUE
BS	9B

AT&T	SD-40097-01	SHEET
		B7AA

PART OF FS 7

5 VOLT POWER FOR
MAIN STORE AND I/O

SYMBOL NO. 1

POWER UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PWRUF	04-178	495FA(NOTE 306,307)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	I	RS4	010			
	I	SC	019			
	I	RS3	109			
	I	+SB	118			
	I	+SYNC	120			
CCALMO	O	ALM2	014		TO PROC CONTROL FRAME CKT	
	I		214			
CCSTN	I	RS2	110			
	I		114		TO PROC CONTROL FRAME CKT	
	I		314			
CCSTP	I	RS1	011			
	I		016		TO PROC CONTROL FRAME CKT	
	I		Z16			
CINTLC	O	INT	112		TO PROC CONTROL FRAME CKT	
	I		Z13			
CINTLD	O	INT	012		TO PROC CONTROL FRAME CKT	
	I		013			
CPMF	I	-CP	117		3/3	
CPMG	I		021		7/1	
	I		221		(T)3/1 TO PROC CONTROL FRAME CKT	
CPPF	I	+CP	017		3/3	
CPPG	I		220		7/1 TO PROC CONTROL FRAME CKT	
	I		020		(T)3/1	
GRD04178	O	ALM1	113			
	I	-S	119			
	GRD	FG	000			
	GRD	FG	001			
	GRD	-E01	032			
	GRD	-E01	033			
	GRD	-E01	034			
	GRD	-E01	035			
	GRD	-E01	036			
	GRD	-E01	037			
	GRD	-E01	038			
	GRD	-E01	039			
	GRD	-E01	040			
	GRD	-E01	041			
	GRD	-E01	042			
	GRD	-E01	043			
	GRD	FG	100			
	GRD	FG	101			
	GRD	-E01	132			
	GRD	-E01	133			
	GRD	-E01	134			
	GRD	-E01	135			
	GRD	-E01	136			
	GRD	-E01	137			
	GRD	-E01	138			
	GRD	-E01	139			
	GRD	-E01	140			
	GRD	-E01	141			
	GRD	-E01	142			
	GRD	-E01	143			
	GRD	FG	200			

SYMBOL NO. 1 (CONT)

POWER UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PWRUF	04-178	495FA(NOTE 306,307)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	FG	201			
	GRD	-E01	232			
	GRD	-E01	233			
	GRD	-E01	234			
	GRD	-E01	235			
	GRD	-E01	236			
	GRD	-E01	237			
	GRD	-E01	238			
	GRD	-E01	239			
	GRD	-E01	240			
	GRD	-E01	241			
	GRD	-E01	242			
	GRD	-E01	243			
	GRD	FG	300			
	GRD	FG	301			
	GRD	-E01	332			
	GRD	-E01	333			
	GRD	-E01	334			
	GRD	-E01	335			
	GRD	-E01	336			
	GRD	-E01	337			
	GRD	-E01	338			
	GRD	-E01	339			
	GRD	-E01	340			
	GRD	-E01	341			
	GRD	-E01	342			
	GRD	-E01	343			
N48VCPU5	PWR	-VIN	006			
	PWR	-VIN	007			
	PWR	-VIN	008			
	PWR	-VIN	106			
	PWR	-VIN	107			
	PWR	-VIN	108			
	PWR	-VIN	206			
	PWR	-VIN	207			
	PWR	-VIN	208			
	PWR	-VIN	306			
	PWR	-VIN	307			
	PWR	-VIN	308		TO PROC CONTROL FRAME CKT	
P5VF	PWR	+E01	045		1/1	
	PWR	+E01	046		1/1	
	PWR	+E01	047		1/1	
	PWR	+E01	048		1/1	
	PWR	+E01	049		1/1	
	PWR	+E01	050		1/1	
	PWR	+E01	051		1/1	
	PWR	+E01	052		1/1	
	PWR	+E01	053		1/1	
	PWR	+E01	054		1/1	
	PWR	+E01	055		1/1	
	PWR	+E01	056		1/1	
	PWR	+E01	145		1/1	
	PWR	+E01	146		1/1	
	PWR	+E01	147		1/1	
	PWR	+E01	148		1/1	
	PWR	+E01	149		1/1	
	PWR	+E01	150		1/1	
	PWR	+E01	151		1/1	
	PWR	+E01	152		1/1	
	PWR	+E01	153		1/1	

SYMBOL NO. 1 (CONT)

POWER UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PWRUF	04-178	495FA(NOTE 306,307)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	PWR	+E01	154		1/1	
	PWR	+E01	155		1/1	
	PWR	+E01	156		1/1	
	PWR	+E01	245		1/1	
	PWR	+E01	246		1/1	
	PWR	+E01	247		1/1	
	PWR	+E01	248		1/1	
	PWR	+E01	249		1/1	
	PWR	+E01	250		1/1	
	PWR	+E01	251		1/1	
	PWR	+E01	252		1/1	
	PWR	+E01	253		1/1	
	PWR	+E01	254		1/1	
	PWR	+E01	255		1/1	
	PWR	+E01	256		1/1	
	PWR	+E01	345		1/1	
	PWR	+E01	346		1/1	
	PWR	+E01	347		1/1	
	PWR	+E01	348		1/1	
	PWR	+E01	349		1/1	
	PWR	+E01	350		1/1	
	PWR	+E01	351		1/1	
	PWR	+E01	352		1/1	
	PWR	+E01	353		1/1	
	PWR	+E01	354		1/1	
	PWR	+E01	355		1/1	
	PWR	+E01	356		1/1	
48RCPU5	I	SA	018		1/1	
	PWR	+VIN	003			
	PWR	+VIN	004			
	PWR	+VIN	005			
	PWR	+VIN	102			
	PWR	+VIN	103			
	PWR	+VIN	104			
	PWR	+VIN	203			
	PWR	+VIN	204			
	PWR	+VIN	205		TO PROC CONTROL FRAME CKT	
	PWR	+VIN	302			
	PWR	+VIN	303			
	PWR	+VIN	304			

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SYMBOL(S) 1

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MAIN STORE AND IOP GROWTH UNIT

DWG SIZE	ISSUE
C2	9B

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APP FIG. 1

CIRCUIT PACK

EQPT LOC	04-028		04-034		04-040		04-046		04-062		04-068		04-074		04-080		EQPT LOC
DESIG	PC33		PC32		PC31		PC30		PC23		PC22		PC21		PC20		DESIG
CODE	(NOTE 305)		(NOTE 305)		(NOTE 305)		(NOTE 305)		(NOTE 305)		(NOTE 305)		(NOTE 305)		(NOTE 305)		CODE
OPTION																	OPTION
ELEM IDENT		CKT		CKT		CKT		CKT		CKT		CKT		CKT		CKT	ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		4/8		4/7		4/6		4/5		4/4		4/3		4/2		4/1	A

APP FIG. 2

CIRCUIT PACK

EQPT LOC	04-120		04-120		04-120		04-126		04-126		04-126		04-132		04-132		04-132		04-138		04-138		04-138		04-144		EQPT LOC
DESIG	MASA08		MASA08		MASA08		MASA09		MASA09		MASA09		MASA10		MASA10		MASA10		MASA11		MASA11		MASA11		MASA12		DESIG
CODE	TN2012(NOTE 308)		TN28(NOTE 306)		TN56(NOTE 306)		TN2012(NOTE 308)		TN28(NOTE 306)		TN56(NOTE 306)		TN2012(NOTE 308)		TN28(NOTE 306)		TN56(NOTE 306)		TN2012(NOTE 308)		TN28(NOTE 306)		TN56(NOTE 306)		TN2012(NOTE 308)		CODE
OPTION	M		S		U		M		S		U		M		S		U		M		S		U		M		OPTION
ELEM IDENT		CKT		CKT		CKT		CKT		CKT		CKT		CKT		CKT		CKT		CKT		CKT		CKT		CKT	ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		1/1		1/1		1/1		1/2		1/2		1/2		1/3		1/3		1/3		1/4		1/4		1/4		1/5	A

CIRCUIT PACK

EQPT LOC	04-144		04-144		04-150		04-150		04-150		04-156		04-156		04-156		04-162		04-162		04-162		EQPT LOC
DESIG	MASA12		MASA12		MASA13		MASA13		MASA13		MASA14		MASA14		MASA14		MASA15		MASA15		MASA15		DESIG
CODE	TN28(NOTE 306)		TN56(NOTE 306)		TN2012(NOTE 308)		TN28(NOTE 306)		TN56(NOTE 306)		TN2012(NOTE 308)		TN28(NOTE 306)		TN56(NOTE 306)		TN2012(NOTE 308)		TN28(NOTE 306)		TN56(NOTE 306)		CODE
OPTION	S		U		M		S		U		M		S		U		M		S		U		OPTION
ELEM IDENT		CKT		CKT		CKT		CKT		CKT		CKT		CKT		CKT		CKT		CKT		CKT	ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		1/5		1/5		1/6		1/6		1/6		1/7		1/7		1/7		1/8		1/8		1/8	A

APP FIG. 3

CIRCUIT PACK

EQPT LOC	04-088		04-088		04-088		04-096		04-096		04-096		04-104		04-104		04-104		04-112		04-112		EQPT LOC
DESIG	BUFR		ACHI		DSCH		IMI		ACHI		DSCH		MICP		ACHI		DSCH		ACHI		DSCH		DESIG
CODE	UN104		UN198(NOTE 306)		UN98(NOTE 306)		UN86		UN198(NOTE 306)		UN98(NOTE 306)		MC4C108A1B(UN109)		UN19(NOTE 306)		UN98(NOTE 306)		UN198(NOTE 306)		UN98(NOTE 306)		CODE
OPTION	Q		Y		Z		Q		Y		Z		R		Y		Z		Y		Z		OPTION
ELEM IDENT		CKT		CKT		CKT		CKT		CKT		CKT		CKT		CKT		CKT		CKT		CKT	ELEM IDENT
CKT	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	CKT
A		3/1		3/1		3/1		3/2		3/2		3/2		3/3		3/3		3/3		3/4		3/4	A

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MAIN STORE AND IGP GROWTH UNIT

DWG SIZE C2 | ISSUE 9B

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APP FIG. 4

CIRCUIT PACK

EQPT LOC	04-056	EQPT LOC
DESIG	PWRCONV2	DESIG
CODE	TN9(NOTE 306)	CODE
OPTION		OPTION
ELEM IDENT		ELEM IDENT

CKT	DESIG	FS/SYM	CKT
A		5/2	A

PWR CONV

OPTION	DESIG	FS/SYM	CODE
	PWRUE	5/1	495FA(NOTE 306,307)

APP FIG. 5

CIRCUIT PACK

EQPT LOC	04-024	EQPT LOC
DESIG	PWRCONV3	DESIG
CODE	TN9(NOTE 306)	CODE
OPTION		OPTION
ELEM IDENT		ELEM IDENT

CKT	DESIG	FS/SYM	CKT
A		6/1	A

APP FIG. 6

PWR CONV

OPTION	DESIG	FS/SYM	CODE
	PWRUF	7/1	495FA(NOTE 306,307)

APP FIG. 7

BTD

OPTION	DESIG	FS/SYM	CODE
	BTD1	2/1	ED-4C222-30,G17
	BTD2	2/2	ED-4C222-30,G17
	BTD3	2/3	ED-4C222-30,G17
	BTD4	2/4	ED-4C222-30,G17
	BTD5	2/5	ED-4C222-30,G17
	BTD6	2/6	ED-4C222-30,G17
	BTD7	2/7	ED-4C222-30,G17
	BTD8	2/8	ED-4C222-30,G17

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MAIN STORE AND IOP GROWTH UNIT

DWG SIZE	ISSUE
C2	9B

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CIRCUIT NOTES

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
BATTERY SYMBOL			VOLTAGE RANGE

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MAIN STORE AND IOP GROWTH UNIT

DWG SIZE	ISSUE
6S	9B

AT&T	SD-40097-01	SHEET
		01

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INFORMATION NOTES:

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

302.

FEATURE OR OPTION		PROVIDE		
		APP FIG.	APP OR WRG	QUANTITY
MAIN STORE AND IOP GROWTH UNIT ARRANGED FOR 8 POSITIONS OF 1 MEGABYTE (MB)* OR 8 POSITIONS OF 2 MEGABYTE (MB)* OF MAIN STORE MEMORY (MSM), 2 PERIPHERAL CONTROL COMMUNITIES (COMM 2 & 3; 4 SLOTS PER COMM), AND 4 I/Ø CHANNELS (SEE NOTES 305 & 306).		1		1 PER CKT.
ONE ADDITIONAL 1 MB OF MSM (TN28) (SEE NOTE 306).		2	S	MAX 8 PER APP FIG. 2
ONE DUAL SERIAL CHANNEL (DSCH) CP, UN98	SEE NOTE 306	3	Z	MAX 4 PER APP FIG. 3
DMAC 1 OIO BUS TO CH. 16 & 17 FOR NO. 2 STP.	SEE NOTE 306	3	X	1 PER CKT.
ONE APPLICATION CHANNEL INTERFACE (ACHI) CP, UN19B.	SEE NOTE 306	3	Y	MAX 4 PER APP FIG. 3
IØP GROWTH POWER COMMUNITY 2	SEE NOTE 306 AND 307	4		1 PER CKT.
POWER CONVERTERS FOR PERIPHERAL CONTROL COMMUNITY 3	SEE NOTE 306 AND 307	5		1 PER CKT.
5 VOLT POWER MAIN STORE & I/Ø CHANNELS	SEE NOTE 306 AND 307	6		1 PER CKT.
BUS TERMINATING DIODE ASSY (BTD)		7		8 PER CKT.
DC POWER DISTRIBUTION & PROGRAMMER RESISTOR (MODEL 3) (SEE NOTE 309).	CP PWR ARR 1 (BASIC)	1	V,W	1 PER CKT.
	CP PWR ARR 6 (EQPT 4TH IØ	3 1	T OMIT V,W	1 PER CKT.
	CP PWR ARR 10 (BASIC PROCESSOR)	3	P	1 PER CKT.
ONE ADDITIONAL 2 MB OF MSM (TN56) FOR MEMORY EXPANSION (UNIX RTR RELEASE 1) (SEE NOTE 306).		2	U OMIT S	MAX 8 PER CKT.
3B NET FOR DMAC 1 WITH NICP CKT. PACK IN CH 17 (UNIX RTR RELEASE 2 REQUIRED).		3	Q,R	1 PER CKT.
WIRES ALWAYS REQUIRED ON UNITS SCHEDULED FOR 5ESS EMM APPLICATION (THESE ARE NON-INTERFERING VLMM WIRES)		(11)	N	1 PER CKT.
ONE ADDITIONAL 4 MB OF MSM (TN2012) (SEE NOTE 308)		2	M OMIT U	8 PER CKT.
ADDITIONAL NON - INTERFERING VLMM WIRES (SEE NOTE 312)			L	1 PER CKT.

* 1 MB (TN28) IS THE EQUILVALENT OF 265K OF 32 BIT WORDS.
* 2 MB (TN56) IS THE EQUILVALENT OF 512K OF 32 BIT WORDS.

303.

RECORD OF FIGURES, WIRING AND APPARATUS CHANGES						
CHANGED ON ISSUE	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION HAS FURN	SEE NOTE	USE IN CIRCUIT		
				STD	A&M	MD
8B			309			T,W,V
				AVAIL		DA
9B SEE NOTE X	U OR M	S	308	S,U,M		
9B	N,L	NONE	312	N,L		

NOTE X - PRIOR TO ISSUE 9B, COLUMNS HEADED "STD","MD", ETC., CONVEYED APPLICATION INFORMATION. AT ISSUE 9B, COLUMNS HEADED "AVAIL" AND "DA" NOW INDICATE THE AVAILABILITY OF THE PRODUCT.

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MAIN STORE AND IOP GROWTH UNIT

DWG SIZE 63 | ISSUE 9B

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INFORMATION NOTES (CONT):

304. UNIT ARRANGEMENTS

EQL

FR	UNIT																											
046	008	495FA (NOTE 306 AND 307)	TN9 (NOTE 306)	NOTE 305	NOTE 305	NOTE 305	NOTE 305	TN9 (NOTE 306)	NOTE 305		NOTE 305	NOTE 305	NOTE 305	UN9B (NOTE 306) (Z) OR UN19B (Y) OR UN104 (Q)	OR UN86 (Q)	OR MC4C 108A1B (UN109) (R)	UN9B (NOTE 306) (Z) OR UN19B (Y)	TN28 (NOTE 306) (S) OR TN56 (NOTE 306) (U) OR TN2012 (NOTE 308) (M)		(MASA 09)	(MASA 10)	(MASA 11)	(MASA 12)	(MASA 13)	(MASA 14)	TN28 (NOTE 306) (S) OR TN56 (NOTE 306) (U) OR TN2012 (NOTE 308) (M)	495FA (NOTE 306 AND 307)	
042	004	(PWRUE)	(PWR CONV5	(PC33)	(PC32)	(PC31)	(PC30)	(PWR CONV2	(PC23)		(PC22)	(PC21)	(PC20)	(DSCH ACHI OR BUFRI	OR IMI)	OR NICP)	(DSCH OR ACHI)	(MASA 08)								(MASA 15)	(PWRUF)	FS DESIG
		PWR	PWR	← PC				PWR			← PC			← IO CHANNEL						← P/O MAIN STORE							PWR	← FS TITLE
		5	6	← 4				5			← 4			← 3						← 1							7	← FS. NO.
		1	1	8	7	6	5	2	4		3	2	1	1	2	3	4	1		2	3	4	5	6	7	8	1	← SYMBOL NO.
		4	5	← 1				4			← 1			← 3						← 2							6	← APP FIG.
		016	024	028	034	040	046	056	062		068	074	080	088	096	104	112	120		126	132	138	144	150	156	162	178	← CP EQL
038	000																											

305. THE IØP GROWTH UNIT IS ARRANGED TO HANDLE TWO COMMUNITIES OF FOUR PERIPHERAL CONTROLLERS (PC). EACH (PC20-23; PC30-33). THESE PC'S ARE ORDERED AT THE SYSTEM LEVEL DRAWING AND ARE JOB ENGINEERED PER USER REQUIREMENTS.

306. APP FIG. 2 DOCUMENTS 8 EQL POSITIONS THAT MAY BE EQUIPPED WITH TN28 OR TN56 CIRCUIT PACKS. APP FIG. 7 IS REQUIRED WHEN EQUIPPING 1ST TN28 OR TN56 CIRCUIT PACK. OPTIONAL APPARATUS (CKT. PACKS & POWER UNITS) ARE ORDERED AT THE SYSTEM LEVEL DRAWING.

307. THE 495F1 POWER UNIT HAS BEEN CHANGED TO A 495FA ON A LINE OUT BASIS ON ISSUE 4D.

308. APP FIG. 2 DOCUMENTS 8 EQL POSITIONS THAT MAY BE EQUIPPED WITH TN28, TN56 OR TN2012 CIRCUIT PACKS. APP FIG. 7 IS REQUIRED WHEN EQUIPPING 1ST TN28, TN56 OR TN2012 CIRCUIT PACK. OPTIONAL APPARATUS (CKT PACKS AND POWER UNITS) ARE ORDERED AT THE SYSTEM LEVEL DRAWING. ALSO, THE MAIN STORE CONTROLLER MUST BE THE UN618 WHEN ORDERING THE TN2012.

309-311. UNASSIGNED

312. VLMM COMPATABLE WIRING IS OPTION N AND L.

313. PINS LOCATED AT 04-125-021 AND 04-125-042 ARE ISOLATED FROM THE BACKPLANE PIN.

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MAIN STORE AND IØP GROWTH UNIT

DWG SIZE 6S | ISSUE 9B

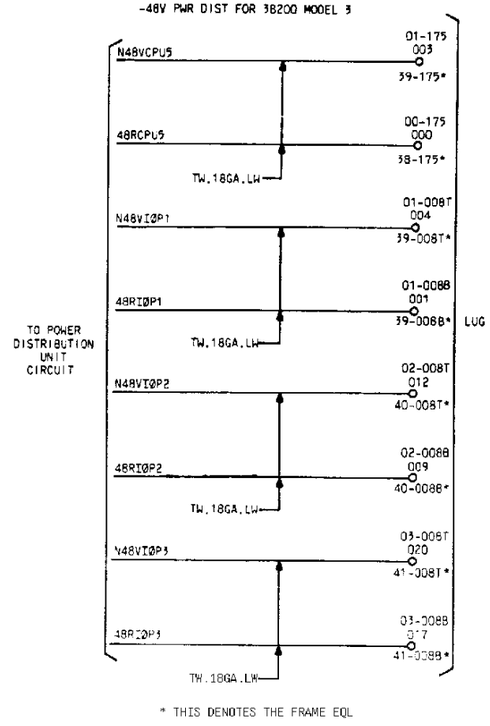
AT&T | SD-4C097-01 | SHEET D3

INFORMATION NOTES (CONT):

308. GRAPHIC CADS

THE FOLLOWING NOTE SHOWS GRAPHICAL EQUIVALENT FOR CAD 053.

-48V PWR DIST FOR 3B20D MODEL 3



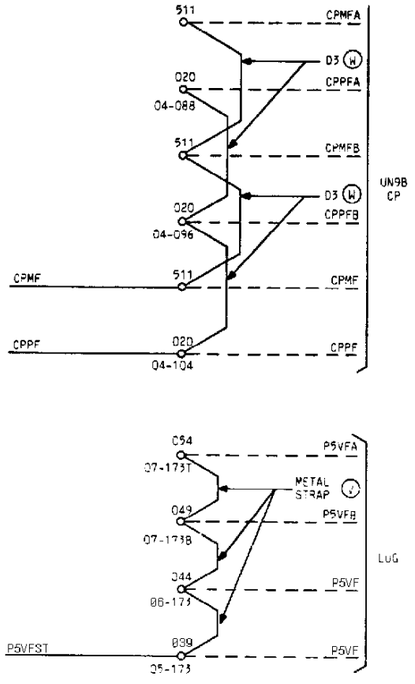
* THIS DENOTES THE FRAME EQL

INFORMATION NOTES (CONT):

308. GRAPHIC CADS (CONT):

THE FOLLOWING NOTE SHOWS GRAPHICAL EQUIVALENT FOR CAD 054.

CP PWR ARR 1 (GROWTH UNIT) FOR 3B20D MODEL 3



(MFR DISC)

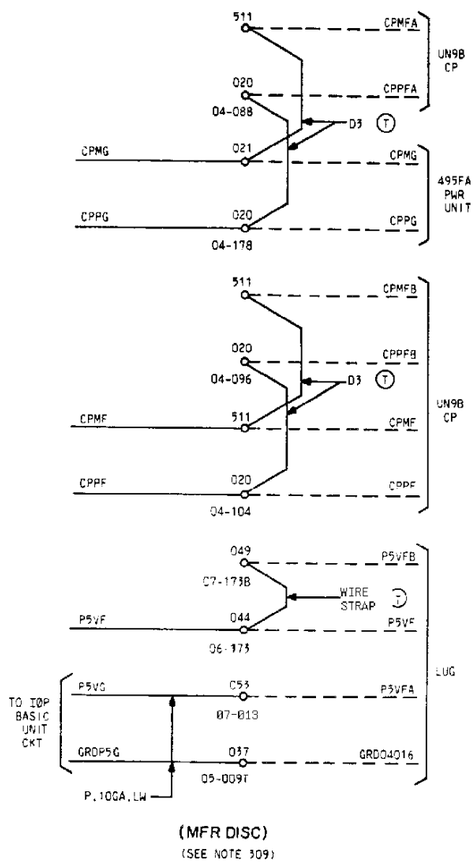
(SEE NOTE 309)

INFORMATION NOTES (CONT):

308. GRAPHIC CADS (CONT):

THE FOLLOWING NOTE SHOWS GRAPHICAL EQUIVALENT FOR CAD 055.

CP PWR ARR 6 (4TH IO CH) FOR 3B20D MODEL 3



(MFR DISC)

(SEE NOTE 309)

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MAIN STORE AND IØP GROWTH UNIT

DWG SIZE	ISSUE
8S	9B

AT&T	SD-4C097-01	SHEET 04

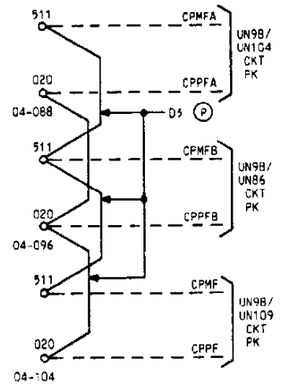
INFORMATION NOTES (CONT):

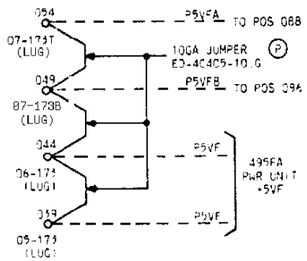
309. OPTIONS V,W (CP PWR ARR 1) AND OPTION T (CP PWR ARR 6) ARE RATED MANUFACTURE DISCONTINUED ON ISSUE 8B. THESE POWER ARRANGEMENTS HAVE BEEN REPLACED BY OPTION P ON AN AFTER DATE BASIS.

310. GRAPHIC CAD

THE FOLLOWING NOTE SHOWS GRAPHICAL EQUIVALENT FOR CAD 056.

CP PWR ARR 10 (BASIC PROCESSOR) FOR 3B200 MODEL 3





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MAIN STORE AND I&P GROWTH UNIT			
		DWG SIZE	ISSUE
		8S	9B
AT&T	SD-4C097-01		SHEET
			D5

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NOTES:

1. CAD REPRESENTS LEADS FROM BAYS 0&1 OF SD-4C127-01 FOR 3B20D MODEL 3 AS FOLLOWS:

CAD	UNIT EOL	CABINET EOL
050-051	04-178	(0,1)42-178
052	04-016	(0,1)42-016
053	01-175	(0,1)39-175
053	00-175	(0,1)38-175
053	01-008B	(0,1)39-008B
053	02-008T	(0,1)40-008T
053	02-008B	(0,1)40-008B
053	03-008T	(0,1)41-008T
053	03-008B	(0,1)41-008B
054	04-088	(0,1)42-088
054	04-096	(0,1)42-096
054	04-104	(0,1)42-104
054	07-173T	(0,1)45-173T
054	07-173B	(0,1)45-173B
054	06-173	(0,1)44-173
054	05-173	(0,1)43-173
055	04-088	(0,1)42-088
055	04-178	(0,1)42-178
055	04-096	(0,1)42-096
055	04-104	(0,1)42-104
055	07-173B	(0,1)45-173B
055	06-173	(0,1)44-173
055	07-013	(0,1)45-013
055	05-009T	(0,1)43-009T
056	04-088	(0,1)42-088
056	04-096	(0,1)42-096
056	04-104	(0,1)42-104
056	07-173T	(0,1)45-173T
056	07-173B	(0,1)45-173B
056	06-173	(0,1)44-173
056	05-173	(0,1)43-173
100	04-130	(0,1)42-130
100	04-131	(0,1)42-131
100	04-124	(0,1)42-124
100	04-125	(0,1)42-125
101	04-060	(0,1)42-060
101	04-061	(0,1)42-061
101	04-054	(0,1)42-054
101	04-055	(0,1)42-055

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MAIN STORE AND IOP GROWTH UNIT

DWG SIZE C2 | ISSUE 9B

AT&T | SD-4C097-01 | GB1

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CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER
A

PERIPHERAL CONTROL 1-3

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
CINT20	I	04-060-001	04-080-005	4/1	
CLRPC20	I	04-061-003	04-080-205	4/1	
CSA200	O	04-060-005	04-080-301	4/1	
CSA210	O	04-060-004	04-074-301	4/2	
CSA220	O	04-061-004	04-068-301	4/3	
CSA230	O	04-060-003	04-062-301	4/4	
DMAD201	IO	04-061-040	04-080-007	4/1	
DMAD211	IO	04-060-039	04-080-307	4/1	
DMAD221	IO	04-061-039	04-080-008	4/1	
DMAD231	IO	04-061-038	04-080-308	4/1	
DMAD241	IO	04-060-037	04-080-208	4/1	
DMAD251	IO	04-061-037	04-080-309	4/1	
DMAD261	IO	04-060-036	04-080-009	4/1	
DMAD271	IO	04-061-036	04-080-310	4/1	
DMAD281	IO	04-060-035	04-080-110	4/1	
DMAOC20	I	04-060-023	04-080-303	4/1	
DMARD20	I	04-061-023	04-080-306	4/1	
DMARQ20	I	04-061-022	04-080-203	4/1	
DMAWR20	I	04-061-001	04-080-305	4/1	
DMA2001	I	04-060-020	04-080-311	4/1	
DMA2011	I	04-061-019	04-080-211	4/1	
DMA2021	I	04-060-018	04-080-011	4/1	
DMA2031	I	04-060-017	04-080-014	4/1	
DMA2041	I	04-061-017	04-080-013	4/1	
DMA2051	I	04-060-016	04-080-213	4/1	
DMA2061	I	04-061-016	04-080-313	4/1	
DMA2071	I	04-060-015	04-080-016	4/1	
DMA2081	I	04-061-015	04-080-015	4/1	
DMA2091	I	04-060-014	04-080-215	4/1	
DMA2101	I	04-061-014	04-080-315	4/1	
DMA2111	I	04-060-042	04-080-217	4/1	
DMA2121	I	04-061-042	04-080-017	4/1	
DMA2131	I	04-060-041	04-080-118	4/1	
DMA2141	I	04-061-041	04-080-018	4/1	
DMA2151	I	04-060-040	04-080-218	4/1	
ER200	O	04-060-010	04-080-201	4/1	
ER210	O	04-060-009	04-074-201	4/2	
ER220	O	04-061-009	04-068-201	4/3	
ER230	O	04-060-008	04-062-201	4/4	
GRD04016	O	05-009T-037	04-016-113	5/1	
GRD04060	GZ	04-060-043			
GRD04060	GZ	04-060-038			
GRD04060	GZ	04-060-032			
GRD04060	GZ	04-060-024			
GRD04060	GZ	04-060-019			
GRD04060	GZ	04-060-013			
GRD04060	GZ	04-060-011			
GRD04060	GZ	04-060-006			
GRD04060	GZ	04-060-000			
GRD04061	GZ	04-061-043			
GRD04061	GZ	04-061-037			
GRD04061	GZ	04-061-024			
GRD04061	GZ	04-061-018			
GRD04061	GZ	04-061-013			
GRD04061	GZ	04-061-011			
GRD04061	GZ	04-061-005			
GRD04061	GZ	04-061-000			
INT200	O	04-060-034	04-080-101	4/1	
INT210	O	04-061-034	04-074-101	4/2	
INT220	O	04-060-033	04-068-101	4/3	
INT230	O	04-061-033	04-062-101	4/4	
N48VCPU5	P	01-175-003	04-178-308	7/1	
N48VIOP1	P	01-008T-004	04-016-006	5/1	
N48VIOP2	P	02-008T-012	04-024-110	6/1	
N48VIOP3	P	03-008T-020	04-056-010	5/2	

ELEMENT IDENTIFIER (CONT)
A

PERIPHERAL CONTROL 1-3

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
ODL20	O	04-061-010	04-056-341	5/2	
ODS21	I	04-061-035	04-056-237	5/2	
PCSEL200	I	04-061-008	04-080-003	4/1	
PCSEL210	I	04-060-007	04-074-003	4/2	
PCSEL220	I	04-061-007	04-068-003	4/3	
PCSEL230	I	04-061-006	04-062-003	4/4	
P5VFA	P	07-013-053	04-088-111	3/1	
RISL820	I	04-061-002	04-080-006	4/1	
SISL820	I	04-060-002	04-080-106	4/1	
SR200	O	04-060-022	04-080-001	4/1	
SR210	O	04-061-021	04-074-001	4/2	
SR220	O	04-060-021	04-068-001	4/3	
SR230	O	04-061-020	04-062-001	4/4	
48RCPU5	P	00-175-000	04-178-205	7/1	
48RIOP1	P	01-008B-001	04-016-004	5/1	
48RIOP2	P	02-008B-009	04-046-444	4/5	
48RIOP3	P	03-008B-017	04-080-444	4/1	

ELEMENT IDENTIFIER
B

PERIPHERAL CONTROL 4-6

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
CINT30	I	04-054-001	04-046-005	4/5	
CLRPC30	I	04-055-003	04-046-205	4/5	
CSA300	O	04-054-005	04-046-301	4/5	
CSA310	O	04-054-004	04-040-301	4/6	
CSA320	O	04-055-004	04-034-301	4/7	
CSA330	O	04-054-003	04-028-301	4/8	
DMAD301	IO	04-055-040	04-046-007	4/5	
DMAD311	IO	04-054-039	04-046-307	4/5	
DMAD321	IO	04-055-039	04-046-008	4/5	
DMAD331	IO	04-055-038	04-046-308	4/5	
DMAD341	IO	04-054-037	04-046-208	4/5	
DMAD351	IO	04-055-037	04-046-309	4/5	
DMAD361	IO	04-054-036	04-046-009	4/5	
DMAD371	IO	04-055-036	04-046-310	4/5	
DMAD381	IO	04-054-035	04-046-110	4/5	
DMAOC30	I	04-054-023	04-046-303	4/5	
DMARD30	I	04-055-023	04-046-306	4/5	
DMARQ30	I	04-055-022	04-046-203	4/5	
DMAWR30	I	04-055-001	04-046-305	4/5	
DMA3001	I	04-054-020	04-046-311	4/5	
DMA3011	I	04-055-019	04-046-211	4/5	
DMA3021	I	04-054-018	04-046-011	4/5	
DMA3031	I	04-054-017	04-046-014	4/5	
DMA3041	I	04-055-017	04-046-013	4/5	
DMA3051	I	04-054-016	04-046-213	4/5	
DMA3061	I	04-055-016	04-046-313	4/5	
DMA3071	I	04-054-015	04-046-016	4/5	
DMA3081	I	04-055-015	04-046-015	4/5	
DMA3091	I	04-054-014	04-046-215	4/5	
DMA3101	I	04-055-014	04-046-315	4/5	
DMA3111	I	04-054-042	04-046-217	4/5	
DMA3121	I	04-055-042	04-046-017	4/5	
DMA3131	I	04-054-041	04-046-118	4/5	
DMA3141	I	04-055-041	04-046-018	4/5	
DMA3151	I	04-054-040	04-046-218	4/5	
ER300	O	04-054-010	04-046-201	4/5	

ELEMENT IDENTIFIER (CONT)
B

PERIPHERAL CONTROL 4-6

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
ER310	O	04-054-009	04-040-201	4/6	
ER320	O	04-055-009	04-034-201	4/7	
ER330	O	04-054-008	04-028-201	4/8	
GRD04054	GZ	04-054-043			
GRD04054	GZ	04-054-038			
GRD04054	GZ	04-054-032			
GRD04054	GZ	04-054-024			
GRD04054	GZ	04-054-019			
GRD04054	GZ	04-054-013			
GRD04054	GZ	04-054-011			
GRD04054	GZ	04-054-006			
GRD04054	GZ	04-054-000			
GRD04055	GZ	04-055-043			
GRD04055	GZ	04-055-032			
GRD04055	GZ	04-055-024			
GRD04055	GZ	04-055-018			
GRD04055	GZ	04-055-013			
GRD04055	GZ	04-055-011			
GRD04055	GZ	04-055-005			
GRD04055	GZ	04-055-000			
INT300	O	04-054-034	04-046-101	4/5	
INT310	O	04-055-034	04-040-101	4/6	
INT320	O	04-054-033	04-034-101	4/7	
INT330	O	04-055-033	04-028-101	4/8	
ODL30	O	04-055-010	04-024-242	6/1	
ODS31	I	04-055-035	04-024-237	6/1	
PCSEL300	I	04-055-008	04-046-003	4/5	
PCSEL310	I	04-054-007	04-040-003	4/6	
PCSEL320	I	04-055-007	04-034-003	4/7	
PCSEL330	I	04-055-006	04-028-003	4/8	
RISL830	I	04-055-002	04-046-006	4/5	
SISL830	I	04-054-002	04-046-106	4/5	
SR300	O	04-054-022	04-046-001	4/5	
SR310	O	04-055-021	04-040-001	4/6	
SR320	O	04-054-021	04-034-001	4/7	
SR330	O	04-055-020	04-028-001	4/8	

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MAIN STORE AND IOP GROWTH UNIT

DWG SIZE: C2

ISSUE: 9B

AT&T

SD-4C097-01

GB2

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CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER
C

MAIN STORE GROWTH

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
		04-125-042			313
		04-125-021			313
ADPC00	O	04-125-016	04-120-114	1/1	
ADPR00	O	04-131-014	04-120-215	1/1	
A0020	I	04-131-034	04-120-233	1/1	
A0021	I	04-131-035	04-120-235	1/1	
A0031	I	04-131-040	04-120-339	1/1	
A0041	I	04-131-042	04-120-241	1/1	
A0051	I	04-131-041	04-120-341	1/1	
A0061	I	04-131-043	04-120-342	1/1	
AC071	I	04-131-015	04-120-317	1/1	
A0081	I	04-131-017	04-120-318	1/1	
A0091	I	04-131-018	04-120-219	1/1	
A0101	I	04-131-032	04-120-332	1/1	
A0111	I	04-131-033	04-120-333	1/1	
A0121	I	04-131-036	04-120-335	1/1	
A0131	I	04-131-037	04-120-336	1/1	
A0141	I	04-131-038	04-120-237	1/1	
A0151	I	04-131-039	04-120-338	1/1	
A0161	I	04-131-016	04-120-217	1/1	
A0171	I	04-125-011	04-120-213	1/1	
A0181	I	04-131-009	04-120-209	1/1	
A0190	I	04-125-020	04-120-019	1/1	
A0191	I	04-125-043	04-120-037	1/1	
CLRM00	G	04-131-020	04-120-321	1/1	
DH0000	O	04-125-017	04-120-014	1/1	
DH0010	O	04-131-013	04-120-314	1/1	
DH0020	O	04-125-045	04-120-039	1/1	
DH0030	O	04-125-047	04-120-042	1/1	
DPA00	O	04-125-010	04-120-313	1/1	
DPX00	O	04-125-018	04-120-015	1/1	
DPY00	O	04-125-046	04-120-240	1/1	
DPZ00	O	04-125-048	04-120-043	1/1	
D0000	O	04-131-045	04-120-344	1/1	
D0010	O	04-131-047	04-120-347	1/1	
D0020	O	04-131-050	04-120-350	1/1	
D0030	O	04-131-053	04-120-353	1/1	
D004.	O	04-131-001	04-120-301	1/1	
D0050	O	04-131-004	04-120-304	1/1	
D0060	O	04-131-007	04-120-307	1/1	
D0070	O	04-131-010	04-120-310	1/1	
D0080	O	04-131-046	04-120-345	1/1	
D0090	O	04-131-048	04-120-348	1/1	
D0100	O	04-131-051	04-120-351	1/1	
D0110	O	04-131-054	04-120-354	1/1	
D0120	O	04-131-002	04-120-302	1/1	
D0130	O	04-131-005	04-120-305	1/1	
D0140	O	04-131-008	04-120-308	1/1	
D0150	O	04-131-011	04-120-311	1/1	
D0160	O	04-125-049	04-120-045	1/1	
D0170	O	04-125-051	04-120-048	1/1	
D0180	O	04-125-053	04-120-051	1/1	
D0190	O	04-125-055	04-120-054	1/1	
D0200	O	04-125-002	04-120-002	1/1	
D0210	O	04-125-005	04-120-005	1/1	
D0220	O	04-125-008	04-120-008	1/1	
D0230	O	04-125-014	04-120-011	1/1	
D0240	O	04-125-050	04-120-046	1/1	
D0250	O	04-125-052	04-120-049	1/1	
D0260	O	04-125-054	04-120-052	1/1	
D0270	O	04-125-056	04-120-055	1/1	
D0280	O	04-125-003	04-120-003	1/1	
D0290	O	04-125-006	04-120-006	1/1	
D0300	O	04-125-013	04-120-009	1/1	
D0310	O	04-125-015	04-120-012	1/1	

ELEMENT IDENTIFIER (CONT)
C

MAIN STORE GROWTH

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
EADP0	I	04-125-009	04-120-112	1/1	N
GRD04124	GZ	04-124-056			
GRD04124	GZ	04-124-055			
GRD04124	GZ	04-124-054			
GRD04124	GZ	04-124-053			
GRD04124	GZ	04-124-052			
GRD04124	GZ	04-124-051			
GRD04124	GZ	04-124-050			
GRD04124	GZ	04-124-049			
GRD04124	GZ	04-124-048			
GRD04124	GZ	04-124-047			
GRD04124	GZ	04-124-046			
GRD04124	GZ	04-124-045			
GRD04124	GZ	04-124-043			
GRD04124	GZ	04-124-042			
GRD04124	GZ	04-124-041			
GRD04124	GZ	04-124-040			
GRD04124	GZ	04-124-039			
GRD04124	GZ	04-124-038			
GRD04124	GZ	04-124-037			
GRD04124	GZ	04-124-036			
GRD04124	GZ	04-124-035			
GRD04124	GZ	04-124-034			
GRD04124	GZ	04-124-033			
GRD04124	GZ	04-124-032			
GRD04124	GZ	04-124-024			
GRD04124	GZ	04-124-023			
GRD04124	GZ	04-124-022			
GRD04124	GZ	04-124-021			
GRD04124	GZ	04-124-020			
GRD04124	GZ	04-124-019			
GRD04124	GZ	04-124-018			
GRD04124	GZ	04-124-017			
GRD04124	GZ	04-124-016			
GRD04124	GZ	04-124-015			
GRD04124	GZ	04-124-014			
GRD04124	GZ	04-124-013			
GRD04124	GZ	04-124-011			
GRD04124	GZ	04-124-010			
GRD04124	GZ	04-124-009			
GRD04124	GZ	04-124-008			
GRD04124	GZ	04-124-007			
GRD04124	GZ	04-124-006			
GRD04124	GZ	04-124-005			
GRD04124	GZ	04-124-004			
GRD04124	GZ	04-124-003			
GRD04124	GZ	04-124-002			
GRD04124	GZ	04-124-001			
GRD04124	GZ	04-124-000			
GRD04130	GZ	04-130-056			
GRD04130	GZ	04-130-055			
GRD04130	GZ	04-130-054			
GRD04130	GZ	04-130-053			
GRD04130	GZ	04-130-052			
GRD04130	GZ	04-130-051			
GRD04130	GZ	04-130-050			
GRD04130	GZ	04-130-049			
GRD04130	GZ	04-130-048			
GRD04130	GZ	04-130-047			
GRD04130	GZ	04-130-046			
GRD04130	GZ	04-130-045			
GRD04130	GZ	04-130-043			
GRD04130	GZ	04-130-042			
GRD04130	GZ	04-130-041			

ELEMENT IDENTIFIER (CONT)
C

MAIN STORE GROWTH

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD04130	GZ	04-130-040			
GRD04130	GZ	04-130-039			
GRD04130	GZ	04-130-038			
GRD04130	GZ	04-130-037			
GRD04130	GZ	04-130-036			
GRD04130	GZ	04-130-035			
GRD04130	GZ	04-130-034			
GRD04130	GZ	04-130-033			
GRD04130	GZ	04-130-032			
GRD04130	GZ	04-130-024			
GRD04130	GZ	04-130-023			
GRD04130	GZ	04-130-022			
GRD04130	GZ	04-130-021			
GRD04130	GZ	04-130-020			
GRD04130	GZ	04-130-019			
GRD04130	GZ	04-130-018			
GRD04130	GZ	04-130-017			
GRD04130	GZ	04-130-016			
GRD04130	GZ	04-130-015			
GRD04130	GZ	04-130-014			
GRD04130	GZ	04-130-013			
GRD04130	GZ	04-130-011			
GRD04130	GZ	04-130-010			
GRD04130	GZ	04-130-009			
GRD04130	GZ	04-130-008			
GRD04130	GZ	04-130-007			
GRD04130	GZ	04-130-006			
GRD04130	GZ	04-130-005			
GRD04130	GZ	04-130-004			
GRD04130	GZ	04-130-003			
GRD04130	GZ	04-130-002			
GRD04130	GZ	04-130-001			
GRD04130	GZ	04-130-000			
READ01	I	04-125-022	04-120-024	1/1	
REF00	I	04-131-019	04-120-320	1/1	
SELCEV00	O	04-131-024	04-120-118	1/1	
SELCOD00	O	04-131-022	04-120-116	1/1	
SELREV00	O	04-131-023	04-120-122	1/1	
SELROD00	O	04-131-021	04-120-120	1/1	
SEL0080	I	04-125-035	04-120-033	1/1	
SEL0090	I	04-125-034	04-126-033	1/2	
SEL0100	I	04-125-037	04-132-033	1/3	
SEL0110	I	04-125-036	04-138-033	1/4	
SEL0120	I	04-125-039	04-144-033	1/5	
SEL0130	I	04-125-038	04-150-033	1/6	
SEL0140	I	04-125-040	04-156-033	1/7	
SEL0150	I	04-125-041	04-162-033	1/8	
SG001	I	04-125-033	04-120-223	1/1	
SG011	I	04-125-032	04-126-223	1/2	
SG021	I	04-125-024	04-132-223	1/3	
SG031	I	04-125-023	04-126-032	1/2	
WRTH00	I	04-125-007	04-120-021	1/1	L
WRT000	I	04-125-004	04-120-035	1/1	L
WRT030	I	04-125-019	04-120-017	1/1	

ELEMENT IDENTIFIER
D

POWER CONTROL

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
ALRM0	O	04-016-315	04-056-046	5/2	
CCALM0	O	04-178-214	04-178-014	7/1	
CCALM0	O	04-178-014	04-178-014	7/1	
CCSTN	I	04-178-114	04-178-114	7/1	
CCSTN	I	04-178-314	04-178-114	7/1	
CCSTP	I	04-178-016	04-178-016	7/1	
CCSTP	I	04-178-216	04-178-016	7/1	
CINTLC	O	04-178-213	04-178-112	7/1	
CINTLD	O	04-178-013	04-178-012	7/1	
CPMF	O	04-104-511	04-104-511	3/3	
CPMF	O	04-096-511	04-096-511	3/2	(T,W)
CPMFA	O	04-088-511	04-088-511	3/1	
CPMFB	O	04-096-511	04-096-511	3/2	
CPMG	I	04-178-221	04-178-221	7/1	
CPMG	I	04-178-021	04-178-221	7/1	
CPPF	O	04-104-020	04-104-020	3/3	
CPPF	O	04-096-020	04-096-020	3/2	(T,W)
CPPFA	O	04-088-020	04-088-020	3/1	
CPPFB	O	04-096-020	04-096-020	3/2	
CPPG	I	04-178-220	04-178-220	7/1	
CPPG	I	04-178-020	04-178-220	7/1	
FPWRF0	I	04-016-314	04-016-314	5/1	
GRD04016	O	05-009T-037	04-016-113	5/1	
GRD04016	O	05-009B-033	04-016-113	5/1	
ICALM10	O	04-016-218	04-016-014	5/1	
ICSTN	I	04-016-214	04-016-214	5/1	
ICSTP	I	04-016-216	04-016-216	5/1	
ILMT0	I	04-016-317	04-016-317	5/1	
N48V0PU5	P	01-175-003	04-178-308	7/1	
N48V1OP1	P	01-008T-004	04-016-006	5/1	
N48V1OP2	P	02-008T-012	04-024-110	6/1	
N48V1OP3	P	03-008T-020	04-056-010	5/2	
OT0	O	04-016-316	04-056-036	5/2	
P5VF	P	05-173-039	04-120-102	1/1	
P5VF	P	06-173-044	04-120-102	1/1	
P5VFA	P	07-173T-054	04-088-111	3/1	
P5VFA	P	07-013-053	04-088-111	3/1	
P5VFB	P	07-173B-049	04-096-144	3/2	
P5VFB	P	06-013-047	04-096-144	3/2	
48RCPU5	P	00-175-000	04-178-205	7/1	
48RIOP1	P	01-008B-001	04-016-004	5/1	
48RIOP2	P	02-008B-009	04-046-444	4/5	
48RIOP3	P	03-008B-017	04-080-444	4/1	

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MAIN STORE AND IOP GROWTH UNIT

DWG SIZE: C2

ISSUE: 9B

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CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER

E

CHANNEL 1

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
CIOAD000	I	04-096-506	04-096-506	3/2	
CIOAD100	I	04-096-507	04-096-507	3/2	
CIOAD200	I	04-096-508	04-096-508	3/2	
CIOAD300	I	04-096-509	04-096-509	3/2	
CIOAD400	I	04-096-510	04-096-510	3/2	
CIOAK000	O	04-096-500	04-096-500	3/2	
CIOAK100	O	04-096-501	04-096-501	3/2	
CIOAK200	I	04-096-502	04-096-502	3/2	
CIOAK300	O	04-096-503	04-096-503	3/2	
CIOAK400	I	04-096-504	04-096-504	3/2	
CIOAK500	I	04-096-505	04-096-505	3/2	
CIOASH0	O	04-096-024	04-096-024	3/2	
CIOCER0	O	04-096-023	04-096-023	3/2	
CIOCLE0	I	04-096-524	04-096-524	3/2	
CIOD000	IO	04-096-401	04-096-401	3/2	
CIOD010	IO	04-096-200	04-096-200	3/2	
CIOD020	IO	04-096-402	04-096-402	3/2	
CIOD030	IO	04-096-403	04-096-403	3/2	
CIOD040	IO	04-096-201	04-096-201	3/2	
CIOD050	IO	04-096-404	04-096-404	3/2	
CIOD060	IO	04-096-405	04-096-405	3/2	
CIOD070	IO	04-096-202	04-096-202	3/2	
CIOD080	IO	04-096-001	04-096-001	3/2	
CIOD090	IO	04-096-203	04-096-203	3/2	
CIOD100	IO	04-096-002	04-096-002	3/2	
CIOD110	IO	04-096-003	04-096-003	3/2	
CIOD120	IO	04-096-204	04-096-204	3/2	
CIOD130	IO	04-096-004	04-096-004	3/2	
CIOD140	IO	04-096-005	04-096-005	3/2	
CIOD150	IO	04-096-205	04-096-205	3/2	
CIOD160	IO	04-096-406	04-096-406	3/2	
CIOD170	IO	04-096-206	04-096-206	3/2	
CIOD180	IO	04-096-407	04-096-407	3/2	
CIOD190	IO	04-096-408	04-096-408	3/2	
CIOD200	IO	04-096-207	04-096-207	3/2	
CIOD210	IO	04-096-409	04-096-409	3/2	
CIOD220	IO	04-096-410	04-096-410	3/2	
CIOD230	IO	04-096-208	04-096-208	3/2	
CIOD240	IO	04-096-006	04-096-006	3/2	
CIOD250	IO	04-096-209	04-096-209	3/2	
CIOD260	IO	04-096-007	04-096-007	3/2	
CIOD270	IO	04-096-008	04-096-008	3/2	
CIOD280	IO	04-096-210	04-096-210	3/2	
CIOD290	IO	04-096-009	04-096-009	3/2	
CIOD300	IO	04-096-010	04-096-010	3/2	
CIOD310	IO	04-096-211	04-096-211	3/2	
CIOD320	IO	04-096-400	04-096-400	3/2	
CIOD330	IO	04-096-000	04-096-000	3/2	
CIOD340	IO	04-096-411	04-096-411	3/2	
CIOD350	IO	04-096-011	04-096-011	3/2	
CIOEACK0	I	04-096-014	04-096-014	3/2	
CIOIAK0	I	04-096-523	04-096-523	3/2	
CIOIDL0	I	04-096-522	04-096-522	3/2	
CIOINH0	I	04-096-019	04-096-019	3/2	
CIOMR0	O	04-096-022	04-096-022	3/2	
CIORDY0	O	04-096-021	04-096-021	3/2	
CIORD0	I	04-096-017	04-096-017	3/2	
CIORIN0	I	04-096-015	04-096-015	3/2	
CIORSR0	I	04-096-520	04-096-520	3/2	
CIORST0	I	04-096-016	04-096-016	3/2	
CIOSAK0	I	04-096-519	04-096-519	3/2	
CIOWAIT0	I	04-096-018	04-096-018	3/2	
CIOWD0	I	04-096-013	04-096-013	3/2	
DBXX00	O	04-096-012	04-096-012	3/2	
GRD04095	GZ	04-095-023			

ELEMENT IDENTIFIER (CONT)

E

CHANNEL 1

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD04095	GZ	04-095-022			
GRD04095	GZ	04-095-021			
GRD04095	GZ	04-095-020			
GRD04095	GZ	04-095-019			
GRD04095	GZ	04-095-018			
GRD04095	GZ	04-095-017			
GRD04095	GZ	04-095-016			
GRD04095	GZ	04-095-015			
GRD04095	GZ	04-095-014			
GRD04095	GZ	04-095-010			
GRD04095	GZ	04-095-009			
GRD04095	GZ	04-095-008			
GRD04095	GZ	04-095-007			
GRD04095	GZ	04-095-006			
GRD04095	GZ	04-095-005			
GRD04095	GZ	04-095-004			
GRD04095	GZ	04-095-003			
GRD04095	GZ	04-095-002			
GRD04095	GZ	04-095-001			
GRD04096	G	04-096-310	04-096-310	3/2	
GRD04096	G	04-096-313	04-096-310	3/2	
GRD04096	G	04-096-309	04-096-310	3/2	
GRD04096	G	04-096-308	04-096-310	3/2	
GRD04096	G	04-096-307	04-096-310	3/2	
GRD04096	G	04-096-306	04-096-310	3/2	
GRD04096	G	04-096-305	04-096-310	3/2	
GRD04096	G	04-096-304	04-096-310	3/2	
GRD04096	G	04-096-303	04-096-310	3/2	
GRD04096	G	04-096-302	04-096-310	3/2	
GRD04096	G	04-096-301	04-096-310	3/2	
GRD04096	G	04-096-110	04-096-310	3/2	
GRD04096	G	04-096-109	04-096-310	3/2	
GRD04096	G	04-096-108	04-096-310	3/2	
GRD04096	G	04-096-107	04-096-310	3/2	
GRD04096	G	04-096-106	04-096-310	3/2	
GRD04096	G	04-096-105	04-096-310	3/2	
GRD04096	G	04-096-104	04-096-310	3/2	
GRD04096	G	04-096-103	04-096-310	3/2	
GRD04096	G	04-096-102	04-096-310	3/2	
GRD04096	G	04-096-101	04-096-310	3/2	
GRD04102	GZ	04-102-023			
GRD04102	GZ	04-102-022			
GRD04102	GZ	04-102-021			
GRD04102	GZ	04-102-020			
GRD04102	GZ	04-102-019			
GRD04102	GZ	04-102-018			
GRD04102	GZ	04-102-017			
GRD04102	GZ	04-102-016			
GRD04102	GZ	04-102-015			
GRD04102	GZ	04-102-014			
GRD04102	GZ	04-102-010			
GRD04102	GZ	04-102-009			
GRD04102	GZ	04-102-008			
GRD04102	GZ	04-102-007			
GRD04102	GZ	04-102-006			
GRD04102	GZ	04-102-005			
GRD04102	GZ	04-102-004			
GRD04102	GZ	04-102-003			
GRD04102	GZ	04-102-002			
GRD04102	GZ	04-102-001			
INT010	O	04-096-514	04-096-514	3/2	
PROGDMA1	I	04-096-412	04-096-412	3/2	
SER010	O	04-096-513	04-096-513	3/2	
SPEED1	I	04-096-516	04-096-516	3/2	

ELEMENT IDENTIFIER (CONT)

E

CHANNEL 1

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
20MHZO	O	04-096-515	04-096-515	3/2	

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MAIN STORE AND IOP GROWTH UNIT

DWG SIZE: C2

ISSUE: 9B

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CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER
F
CCIO BUS

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
01CLK00N	O	04-096-052	04-096-052	3/2	
01CLK00P	O	04-096-151	04-096-151	3/2	
01CLK01N	O	04-096-046	04-096-046	3/2	
01CLK01P	O	04-096-145	04-096-145	3/2	
01CLK02N	O	04-096-252	04-096-252	3/2	
01CLK02P	O	04-096-351	04-096-351	3/2	
01CLK03N	O	04-096-246	04-096-246	3/2	
01CLK03P	O	04-096-345	04-096-345	3/2	
01CLK04N	O	04-096-452	04-096-452	3/2	
01CLK04P	O	04-096-551	04-096-551	3/2	
01CLK05N	O	04-096-446	04-096-446	3/2	
01CLK05P	O	04-096-545	04-096-545	3/2	
01CLK06N	O	04-096-039	04-096-039	3/2	
01CLK06P	O	04-096-138	04-096-138	3/2	
01CLK07N	O	04-096-033	04-096-033	3/2	
01CLK07P	O	04-096-132	04-096-132	3/2	
01CLK08N	O	04-096-239	04-096-239	3/2	
01CLK08P	O	04-096-338	04-096-338	3/2	
01CLK09N	O	04-096-233	04-096-233	3/2	
01CLK09P	O	04-096-332	04-096-332	3/2	
01CLK10N	O	04-096-439	04-096-439	3/2	
01CLK10P	O	04-096-538	04-096-538	3/2	
01CLK11N	O	04-096-433	04-096-433	3/2	
01CLK11P	O	04-096-532	04-096-532	3/2	
01CLK12N	O	04-096-120	04-096-120	3/2	
01CLK12P	O	04-096-219	04-096-219	3/2	
01CLK13N	O	04-096-114	04-096-114	3/2	
01CLK13P	O	04-096-213	04-096-213	3/2	
01CLK14N	O	04-096-320	04-096-320	3/2	
01CLK14P	O	04-096-419	04-096-419	3/2	
01CLK15N	O	04-096-314	04-096-314	3/2	
01CLK15P	O	04-096-413	04-096-413	3/2	
01DAH00N	IO	04-096-055	04-096-055	3/2	
01DAH00P	IO	04-096-154	04-096-154	3/2	
01DAH01N	IO	04-096-049	04-096-049	3/2	
01DAH01P	IO	04-096-148	04-096-148	3/2	
01DAH02N	IO	04-096-255	04-096-255	3/2	
01DAH02P	IO	04-096-354	04-096-354	3/2	
01DAH03N	IO	04-096-249	04-096-249	3/2	
01DAH03P	IO	04-096-348	04-096-348	3/2	
01DAH04N	IO	04-096-455	04-096-455	3/2	
01DAH04P	IO	04-096-554	04-096-554	3/2	
01DAH05N	IO	04-096-449	04-096-449	3/2	
01DAH05P	IO	04-096-548	04-096-548	3/2	
01DAH06N	IO	04-096-042	04-096-042	3/2	
01DAH06P	IO	04-096-141	04-096-141	3/2	
01DAH07N	IO	04-096-036	04-096-036	3/2	
01DAH07P	IO	04-096-135	04-096-135	3/2	
01DAH08N	IO	04-096-242	04-096-242	3/2	
01DAH08P	IO	04-096-341	04-096-341	3/2	
01DAH09N	IO	04-096-236	04-096-236	3/2	
01DAH09P	IO	04-096-335	04-096-335	3/2	
01DAH10N	IO	04-096-442	04-096-442	3/2	
01DAH10P	IO	04-096-541	04-096-541	3/2	
01DAH11N	IO	04-096-436	04-096-436	3/2	
01DAH11P	IO	04-096-535	04-096-535	3/2	
01DAH12N	IO	04-096-123	04-096-123	3/2	
01DAH12P	IO	04-096-222	04-096-222	3/2	
01DAH13N	IO	04-096-117	04-096-117	3/2	
01DAH13P	IO	04-096-216	04-096-216	3/2	
01DAH14N	IO	04-096-323	04-096-323	3/2	
01DAH14P	IO	04-096-422	04-096-422	3/2	
01DAH15N	IO	04-096-317	04-096-317	3/2	
01DAH15P	IO	04-096-416	04-096-416	3/2	
01DAL00N	IO	04-096-054	04-096-054	3/2	

ELEMENT IDENTIFIER (CONT)
F
CCIO BUS

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
01DAL00P	IO	04-096-153	04-096-153	3/2	
01DAL01N	IO	04-096-048	04-096-048	3/2	
01DAL01P	IO	04-096-147	04-096-147	3/2	
01DAL02N	IO	04-096-254	04-096-254	3/2	
01DAL02P	IO	04-096-353	04-096-353	3/2	
01DAL03N	IO	04-096-248	04-096-248	3/2	
01DAL03P	IO	04-096-347	04-096-347	3/2	
01DAL04N	IO	04-096-454	04-096-454	3/2	
01DAL04P	IO	04-096-553	04-096-553	3/2	
01DAL05N	IO	04-096-448	04-096-448	3/2	
01DAL05P	IO	04-096-547	04-096-547	3/2	
01DAL06N	IO	04-096-041	04-096-041	3/2	
01DAL06P	IO	04-096-140	04-096-140	3/2	
01DAL07N	IO	04-096-035	04-096-035	3/2	
01DAL07P	IO	04-096-134	04-096-134	3/2	
01DAL08N	IO	04-096-241	04-096-241	3/2	
01DAL08P	IO	04-096-340	04-096-340	3/2	
01DAL09N	IO	04-096-235	04-096-235	3/2	
01DAL09P	IO	04-096-334	04-096-334	3/2	
01DAL10N	IO	04-096-441	04-096-441	3/2	
01DAL10P	IO	04-096-540	04-096-540	3/2	
01DAL11N	IO	04-096-435	04-096-435	3/2	
01DAL11P	IO	04-096-534	04-096-534	3/2	
01DAL12N	IO	04-096-122	04-096-122	3/2	
01DAL12P	IO	04-096-221	04-096-221	3/2	
01DAL13N	IO	04-096-116	04-096-116	3/2	
01DAL13P	IO	04-096-215	04-096-215	3/2	
01DAL14N	IO	04-096-322	04-096-322	3/2	
01DAL14P	IO	04-096-421	04-096-421	3/2	
01DAL15N	IO	04-096-316	04-096-316	3/2	
01DAL15P	IO	04-096-415	04-096-415	3/2	
01REQ00N	IO	04-096-056	04-096-056	3/2	
01REQ00P	IO	04-096-155	04-096-155	3/2	
01REQ01N	IO	04-096-050	04-096-050	3/2	
01REQ01P	IO	04-096-149	04-096-149	3/2	
01REQ02N	IO	04-096-256	04-096-256	3/2	
01REQ02P	IO	04-096-355	04-096-355	3/2	
01REQ03N	IO	04-096-250	04-096-250	3/2	
01REQ03P	IO	04-096-349	04-096-349	3/2	
01REQ04N	IO	04-096-456	04-096-456	3/2	
01REQ04P	IO	04-096-555	04-096-555	3/2	
01REQ05N	IO	04-096-450	04-096-450	3/2	
01REQ05P	IO	04-096-549	04-096-549	3/2	
01REQ06N	IO	04-096-043	04-096-043	3/2	
01REQ06P	IO	04-096-142	04-096-142	3/2	
01REQ07N	IO	04-096-037	04-096-037	3/2	
01REQ07P	IO	04-096-136	04-096-136	3/2	
01REQ08N	IO	04-096-243	04-096-243	3/2	
01REQ08P	IO	04-096-342	04-096-342	3/2	
01REQ09N	IO	04-096-237	04-096-237	3/2	
01REQ09P	IO	04-096-336	04-096-336	3/2	
01REQ10N	IO	04-096-443	04-096-443	3/2	
01REQ10P	IO	04-096-542	04-096-542	3/2	
01REQ11N	IO	04-096-437	04-096-437	3/2	
01REQ11P	IO	04-096-536	04-096-536	3/2	
01REQ12N	IO	04-096-124	04-096-124	3/2	
01REQ12P	IO	04-096-223	04-096-223	3/2	
01REQ13N	IO	04-096-118	04-096-118	3/2	
01REQ13P	IO	04-096-217	04-096-217	3/2	
01REQ14N	IO	04-096-324	04-096-324	3/2	
01REQ14P	IO	04-096-423	04-096-423	3/2	
01REQ15N	IO	04-096-318	04-096-318	3/2	
01REQ15P	IO	04-096-417	04-096-417	3/2	
01XCK00N	I	04-096-053	04-096-053	3/2	

ELEMENT IDENTIFIER (CONT)
F
CCIO BUS

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
01XCK00P	I	04-096-152	04-096-152	3/2	
01XCK01N	I	04-096-047	04-096-047	3/2	
01XCK01P	I	04-096-146	04-096-146	3/2	
01XCK02N	I	04-096-253	04-096-253	3/2	
01XCK02P	I	04-096-352	04-096-352	3/2	
01XCK03N	I	04-096-247	04-096-247	3/2	
01XCK03P	I	04-096-346	04-096-346	3/2	
01XCK04N	I	04-096-453	04-096-453	3/2	
01XCK04P	I	04-096-552	04-096-552	3/2	
01XCK05N	I	04-096-447	04-096-447	3/2	
01XCK05P	I	04-096-546	04-096-546	3/2	
01XCK06N	I	04-096-040	04-096-040	3/2	
01XCK06P	I	04-096-139	04-096-139	3/2	
01XCK07N	I	04-096-034	04-096-034	3/2	
01XCK07P	I	04-096-133	04-096-133	3/2	
01XCK08N	I	04-096-240	04-096 240	3/2	
01XCK08P	I	04-096-339	04-096-339	3/2	
01XCK09N	I	04-096-234	04-096-234	3/2	
01XCK09P	I	04-096-333	04-096-333	3/2	
01XCK10N	I	04-096-440	04-096-440	3/2	
01XCK10P	I	04-096-539	04-096-539	3/2	
01XCK11N	I	04-096-434	04-096-434	3/2	
01XCK11P	I	04-096-533	04-096-533	3/2	
01XCK12N	I	04-096-121	04-096-121	3/2	
01XCK12P	I	04-096-220	04-096-220	3/2	
01XCK13N	I	04-096-115	04-096-115	3/2	
01XCK13P	I	04-096-214	04-096-214	3/2	
01XCK14N	I	04-096-321	04-096-321	3/2	
01XCK14P	I	04-096-420	04-096-420	3/2	
01XCK15N	I	04-096-315	04-096-315	3/2	
01XCK15P	I	04-096-414	04-096-414	3/2	

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CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER
G

DMAC1 DIO BUS

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
CER100	O	04-104-022	04-112-023	3/4	(X)
CER110	O	04-104-023	04-104-023	3/3	
CIOINHO	I	04-104-019	04-096-019	3/2	(X)
DASW10	O	04-104-024	04-104-024	3/3	(X)
DCLE10	I	04-104-524	04-104-524	3/3	(X)
DDB001	IO	04-104-401	04-104-401	3/3	(X)
DDB011	IO	04-104-200	04-104-200	3/3	(X)
DDB021	IO	04-104-402	04-104-402	3/3	(X)
DDB031	IO	04-104-403	04-104-403	3/3	(X)
DDB041	IO	04-104-201	04-104-201	3/3	(X)
DDB051	IO	04-104-404	04-104-404	3/3	(X)
DDB061	IO	04-104-405	04-104-405	3/3	(X)
DDB071	IO	04-104-202	04-104-202	3/3	(X)
DDB081	IO	04-104-001	04-104-001	3/3	(X)
DDB091	IO	04-104-203	04-104-203	3/3	(X)
DDB101	IO	04-104-002	04-104-002	3/3	(X)
DDB111	IO	04-104-003	04-104-003	3/3	(X)
DDB121	IO	04-104-204	04-104-204	3/3	(X)
DDB131	IO	04-104-004	04-104-004	3/3	(X)
DDB141	IO	04-104-005	04-104-005	3/3	(X)
DDB151	IO	04-104-205	04-104-205	3/3	(X)
DDB161	IO	04-104-406	04-104-406	3/3	(X)
DDB171	IO	04-104-206	04-104-206	3/3	(X)
DDB181	IO	04-104-407	04-104-407	3/3	(X)
DDB191	IO	04-104-408	04-104-408	3/3	(X)
DDB201	IO	04-104-207	04-104-207	3/3	(X)
DDB211	IO	04-104-409	04-104-409	3/3	(X)
DDB221	IO	04-104-410	04-104-410	3/3	(X)
DDB231	IO	04-104-208	04-104-208	3/3	(X)
DDB241	IO	04-104-006	04-104-006	3/3	(X)
DDB251	IO	04-104-209	04-104-209	3/3	(X)
DDB261	IO	04-104-007	04-104-007	3/3	(X)
DDB271	IO	04-104-008	04-104-008	3/3	(X)
DDB281	IO	04-104-210	04-104-210	3/3	(X)
DDB291	IO	04-104-009	04-104-009	3/3	(X)
DDB301	IO	04-104-010	04-104-010	3/3	(X)
DDB311	IO	04-104-211	04-104-211	3/3	(X)
DDB3..	IO	04-104-400	04-104-400	3/3	(X)
DDB331	IO	04-104-000	04-104-000	3/3	(X)
DDB341	IO	04-104-411	04-104-411	3/3	(X)
DDB351	IO	04-104-011	04-104-011	3/3	(X)
DIDLE10	I	04-104-522	04-104-522	3/3	(X)
DINT110	O	04-104-514	04-104-514	3/3	
DIOAD100	I	04-104-510	04-104-510	3/3	(X)
DIOAD110	I	04-104-509	04-104-507	3/3	(X)
DIOAK100	O	04-104-504	04-112-500	3/4	(X)
DIOAK110	O	04-104-505	04-104-503	3/3	(X)
DMAR110	O	04-104-513	04-104-513	3/3	
DRDY10	O	04-104-021	04-104-021	3/3	(X)
DRD10	I	04-104-017	04-104-017	3/3	(X)
DRINT10	I	04-104-015	04-104-015	3/3	(X)
DRSR10	I	04-104-520	04-104-520	3/3	(X)
DRST10	I	04-104-016	04-104-016	3/3	(X)
DWCA10	I	04-104-018	04-104-018	3/3	(X)
DWD10	I	04-104-013	04-104-013	3/3	(X)
GRD04103	GZ	04-103-023			
GRD04103	GZ	04-103-022			
GRD04103	GZ	04-103-021			
GRD04103	GZ	04-103-020			
GRD04103	GZ	04-103-019			
GRD04103	GZ	04-103-018			
GRD04103	GZ	04-103-017			
GRD04103	GZ	04-103-016			
GRD04103	GZ	04-103-015			
GRD04103	GZ	04-103-014			

ELEMENT IDENTIFIER (CONT)
G

DMAC1 DIO BUS

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD04103	GZ	04-103-011			
GRD04103	GZ	04-103-010			
GRD04103	GZ	04-103-009			
GRD04103	GZ	04-103-008			
GRD04103	GZ	04-103-007			
GRD04103	GZ	04-103-006			
GRD04103	GZ	04-103-005			
GRD04103	GZ	04-103-004			
GRD04103	GZ	04-103-003			
GRD04103	GZ	04-103-002			
GRD04103	GZ	04-103-001			
GRD04104	G	04-104-309	04-104-045	3/3	
GRD04104	G	04-104-308	04-104-045	3/3	
GRD04104	G	04-104-307	04-104-045	3/3	
GRD04104	G	04-104-306	04-104-045	3/3	
GRD04104	G	04-104-305	04-104-045	3/3	
GRD04104	G	04-104-304	04-104-045	3/3	
GRD04104	G	04-104-303	04-104-045	3/3	
GRD04104	G	04-104-302	04-104-045	3/3	
GRD04104	G	04-104-301	04-104-045	3/3	
GRD04104	G	04-104-110	04-104-045	3/3	
GRD04104	G	04-104-109	04-104-045	3/3	
GRD04104	G	04-104-108	04-104-045	3/3	
GRD04104	G	04-104-107	04-104-045	3/3	
GRD04104	G	04-104-106	04-104-045	3/3	
GRD04104	G	04-104-105	04-104-045	3/3	
GRD04104	G	04-104-104	04-104-045	3/3	
GRD04104	G	04-104-103	04-104-045	3/3	
GRD04104	G	04-104-102	04-104-045	3/3	
GRD04104	G	04-104-101	04-104-045	3/3	
GRD04104	G	04-104-310	04-104-045	3/3	
GRD04110	GZ	04-110-023			
GRD04110	GZ	04-110-022			
GRD04110	GZ	04-110-021			
GRD04110	GZ	04-110-020			
GRD04110	GZ	04-110-019			
GRD04110	GZ	04-110-018			
GRD04110	GZ	04-110-017			
GRD04110	GZ	04-110-016			
GRD04110	GZ	04-110-015			
GRD04110	GZ	04-110-014			
GRD04110	GZ	04-110-013			
GRD04110	GZ	04-110-009			
GRD04110	GZ	04-110-008			
GRD04110	GZ	04-110-007			
GRD04110	GZ	04-110-006			
GRD04110	GZ	04-110-005			
GRD04110	GZ	04-110-004			
GRD04110	GZ	04-110-003			
GRD04110	GZ	04-110-002			
GRD04110	GZ	04-110-001			

ELEMENT IDENTIFIER
H

DMAC1 DIO BUS

TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
DINT100	O	04-112-514	04-112-514	3/4	
DMAR100	O	04-112-513	04-112-513	3/4	
GRD04118	GZ	04-118-023			
GRD04118	GZ	04-118-0_2			
GRD04118	GZ	04-118-021			
GRD04118	GZ	04-118-020			
GRD04118	GZ	04-118-019			
GRD04118	GZ	04-118-018			
GRD04118	GZ	04-118-017			
GRD04118	GZ	04-118-016			
GRD04118	GZ	04-118-015			
GRD04118	GZ	04-118-014			
GRD04118	GZ	04-118-013			

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CAD 002

POWER AND GROUND LUGS

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....LUG3				00-175	LUG	.....			
TO PROC CONTROL 48RCPU5 FRAME CKT				000	48RCPU5	04-178 PC	205		
.....LUG1				01-008B	LUG	.....			
TO PROC CONTROL 48RIOP1 FRAME CKT				001	48RIOP1	04-016 PC	004		
.....LUG2				01-008T	LUG	.....			
TO PROC CONTROL N48VIOP1 FRAME CKT				004	N48VIOP1	04-016 PC	006		
.....LUG4				01-175	LUG	.....			
TO PROC CONTROL 48VCPU5 FRAME CKT				003	N48VCPU5	04-178 PC	308		
.....LUG5				02-008B	LUG	.....			
TO PROC CONTROL 48RIOP2 FRAME CKT				009	48RIOP2	04-046 CP	444		
.....LUG6				02-008T	LUG	.....			
TO PROC CONTROL N48VIOP2 FRAME CKT				012	N48VIOP2	04-024 CP	110		
....LUG7				03-008B	LUG	.....			
TO PROC CONTROL 48RIOP3 FRAME CKT				017	48RIOP3	04-080 CP	444		
.....LUG8				03-008T	LUG	.....			
TO PROC CONTROL N48VIOP3 FRAME CKT				020	N48VIOP3	04-056 CP	010		
.....LUG9				05-009B	LUG	.....			
TO PROC CONTROL GRD04016 FRAME CKT				033	GRD04016	04-016 PC	113		
.....LUG10				05-009T	LUG	.....			
TO PROC CONTROL GRD04016 FRAME CKT				037	GRD04016	04-016 PC	113		
.....LUG11				05-173	LUG	.....			
TO PROC CONTROL P5VF FRAME CKT				039	P5VF	04-120 CP	102		
.....LUG13				06-013	LUG	.....			
TO PROC CONTROL P5VFB FRAME CKT				047	P5VFB	04-096 CP	244		
.....LUG12				06-173	LUG	.....			
TO PROC CONTROL P5VF FRAME CKT				044	P5VF	04-120 CP	102		
.....LUG14				07-013	LUG	.....			
TO PROC CONTROL P5VFA FRAME CKT				053	P5VFA	04-088 CP	111		

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(CONT'D)

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....LUG15				07-173B	LUG	.....			
TO PROC CONTROL P5VFB FRAME CKT				049	P5VFB	04-096 CP	244		
.....LUG16				07-173T	LUG	.....			
TO PROC CONTROL P5VFA FRAME CKT				054	P5VFA	04-088 CP	111		

CAD 003

TERMINAL FIELDS

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....TF1				04-054	TF	.....			
TO PROC CONTROL GRD04054				000	GRD04054				
FRAME CKT	CINT30			001	CINT30	04-046 CP	005		
|	SISL830			002	SISL830	04-046 CP	106		
|	CSA330			003	CSA330	04-028 CP	301		
|	CSA310			004	CSA310	04-040 CP	301		
|	CSA300			005	CSA300	04-046 CP	301		
|	GRD04054			006	GRD04054				
|	PCSEL310			007	PCSEL310	04-040 CP	003		
|	ER330			008	ER330	04-028 CP	201		
|	ER310			009	ER310	04-040 CP	201		
|	ER300			010	ER300	04-046 CP	201		
|	GRD04054			011	GRD04054				
				012					
TO PROC CONTROL GRD04054				013	GRD04054				
FRAME CKT	DMA3091			014	DMA3091	04-046 CP	215		
|	DMA3071			015	DMA3071	04-046 CP	016		
|	DMA3051			016	DMA3051	04-046 CP	213		
|	DMA3031			017	DMA3031	04-046 CP	014		
|	DMA3021			018	DMA3021	04-046 CP	011		
|	GRD04054			019	GRD04054				
|	DMA3001			020	DMA3001	04-046 CP	311		
|	SR320			021	SR320	04-034 CP	001		
|	SR300			022	SR300	04-046 CP	001		
|	DMAOC30			023	DMAOC30	04-046 CP	303		
|	GRD04054			024	GRD04054				
|	GRD04054			032	GRD04054				
|	INT320			033	INT320	04-034 CP	101		
|	INT300			034	INT300	04-046 CP	101		
|	DMAD381			035	DMAD381	04-046 CP	110		
|	DMAD361			036	DMAD361	04-046 CP	009		
|	DMAD341			037	DMAD341	04-046 CP	208		
|	GRD04054			038	GRD04054				
|	DMAD311			039	DMAD311	04-046 CP	307		
|	DMA3151			040	DMA3151	04-046 CP	218		
|	DMA3131			041	DMA3131	04-046 CP	118		
|	DMA3111			042	DMA3111	04-046 CP	217		
|	GRD04054			043	GRD04054				
				044					
				045					
				046					
				047					
				048					
				049					
				050					
				051					
				052					
				053					
				054					
				055					
				056					
.....TF2				04-055	TF	.....			
TO PROC CONTROL GRD04055				000	GRD04055				
FRAME CKT	DMAWR30			001	DMAWR30	04-046 CP	305		
|	RISL830			002	RISL830	04-046 CP	006		
|	CLRPC30			003	CLRPC30	04-046 CP	205		
|	CSA320			004	CSA320	04-034 CP	301		
|	GRD04055			005	GRD04055				

CAD 003

(CONT'D)

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....TF2				04-055 (CONT'D)	TF	.....			
|	PCSEL330			006	PCSEL330	04-028 CP	003		
|	PCSEL320			007	PCSEL320	04-034 CP	003		
|	PCSEL300			008	PCSEL300	04-046 CP	003		
|	ER320			009	ER320	04-034 CP	201		
|	OOL30			010	OOL30	04-024 CP	235		
|	GRD04055			011	GRD04055				
				012					
TO PROC CONTROL GRD04055				013	GRD04055				
FRAME CKT	DMA3101			014	DMA3101	04-046 CP	315		
|	DMA3081			015	DMA3081	04-046 CP	015		
|	DMA3061			016	DMA3061	04-046 CP	313		
|	DMA3041			017	DMA3041	04-046 CP	013		
|	GRD04055			018	GRD04055				
|	DMA3011			019	DMA3011	04-046 CP	211		
|	SR330			020	SR330	04-028 CP	001		
|	SR310			021	SR310	04-040 CP	001		
|	DMARD30			022	DMARD30	04-046 CP	203		
|	DMARD30			023	DMARD30	04-046 CP	306		
|	GRD04055			024	GRD04055				
|	GRD04055			032	GRD04055				
|	INT330			033	INT330	04-028 CP	101		
|	INT310			034	INT310	04-040 CP	101		
|	OOS31			035	OCS31	04-024 CP	237		
|	DMAD371			036	DMAD371	04-046 CP	310		
|	DMAD351			037	DMAD351	04-046 CP	309		
|	DMAD331			038	DMAD331	04-046 CP	308		
|	DMAD321			039	DMAD321	04-046 CP	008		
|	DMAD301			040	DMAD301	04-046 CP	007		
|	DMA3141			041	DMA3141	04-046 CP	018		
|	DMA3121			042	DMA3121	04-046 CP	017		
|	GRD04055			043	GRD04055				
				044					
				045					
				046					
				047					
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CAD 003 (CONT'D)

TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....TF3			04-060		TF				
TO PROC CONTROL	GRD04060			000	GRD04060				
FRAME CKT	CINT20			001	CINT20	04-080	CP 005		
|	SISL820			002	SISL820	04-080	CP 106		
|	CSA230			003	CSA230	04-062	CP 301		
|	CSA210			004	CSA210	04-074	CP 301		
|	CSA200			005	CSA200	04-080	CP 301		
|	GRD04060			006	GRD04060				
|	PCSEL210			007	PCSEL210	04-074	CP 003		
|	ER230			008	ER230	04-062	CP 201		
|	ER210			009	ER210	04-074	CP 201		
|	ER200			010	ER200	04-080	CP 201		
|	GRD04060			011	GRD04060				
				012					
TO PROC CONTROL	GRD04060			013	GRD04060				
FRAME CKT	DMA2091			014	DMA2091	04-080	CP 215		
|	DMA2071			015	DMA2071	04-080	CP 016		
|	DMA2051			016	DMA2051	04-080	CP 213		
|	DMA2031			017	DMA2031	04-080	CP 014		
|	DMA2021			018	DMA2021	04-080	CP 011		
|	GRD04060			019	GRD04060				
|	DMA2001			020	DMA2001	04-080	CP 311		
|	SR220			021	SR220	04-068	CP 001		
|	SR200			022	SR200	04-080	CP 001		
|	DMA0020			023	DMA0020	04-080	CP 303		
|	GRD04060			024	GRD04060				
|	GRD04060			032	GRD04060				
|	INT220			033	INT220	04-068	CP 101		
|	INT200			034	INT200	04-080	CP 101		
|	DMAD281			035	DMAD281	04-080	CP 110		
|	DMAD261			036	DMAD261	04-080	CP 009		
|	DMAD241			037	DMAD241	04-080	CP 208		
|	GRD04060			038	GRD04060				
|	DMAD211			039	DMAD211	04-080	CP 307		
|	DMA2151			040	DMA2151	04-080	CP 218		
|	DMA2131			041	DMA2131	04-080	CP 118		
|	DMA2111			042	DMA2111	04-080	CP 217		
|	GRD04060			043	GRD04060				
				044					
				045					
				046					
				047					
				048					
				049					
				050					
				051					
				052					
				053					
				054					
				055					
				056					
.....TF4			04-061		TF				
TO PROC CONTROL	GRD04061			000	GRD04061				
FRAME CKT	DMAWR20			001	DMAWR20	04-080	CP 305		
|	RISL820			002	RISL820	04-080	CP 006		
|	CLRPC20			003	CLRPC20	04-080	CP 205		
|	CSA220			004	CSA220	04-068	CP 301		
|	GRD04061			005	GRD04061				
|	PCSEL230			006	PCSEL230	04-062	CP 003		
|	PCSEL220			007	PCSEL220	04-068	CP 003		
|	PCSEL200			008	PCSEL200	04-080	CP 003		
|	ER220			009	ER220	04-068	CP 201		
|	OOL20			010	OOL20	04-056	CP 235		
|	GRD04061			011	GRD04061				
				012					
TO PROC CONTROL	GRD04061			013	GRD04061				
FRAME CKT	DMA2101			014	DMA2101	04-080	CP 315		
|	DMA2081			015	DMA2081	04-080	CP 015		
|	DMA2061			016	DMA2061	04-080	CP 313		
|	DMA2041			017	DMA2041	04-080	CP 013		
|	GRD04061			018	GRD04061				
|	DMA2011			019	DMA2011	04-080	CP 211		
|	SR230			020	SR230	04-062	CP 001		
|	SR210			021	SR210	04-074	CP 001		
|	DMARD20			022	DMARD20	04-080	CP 205		
|	DMARD20			023	DMARD20	04-080	CP 306		
|	GRD04061			024	GRD04061				
|	GRD04061			032	GRD04061				
|	INT230			033	INT230	04-062	CP 101		
|	INT210			034	INT210	04-074	CP 101		
|	OOS21			035	OOS21	04-056	CP 237		
|	DMAD271			036	DMAD271	04-080	CP 310		
|	DMAD251			037	DMAD251	04-080	CP 309		

CAD 003 (CONT'D)

TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....TF4			04-061 (CONT'D)		TF				
|	DMAD231			038	DMAD231	04-080	CP 308		
|	DMAD221			039	DMAD221	04-080	CP 008		
|	DMAD201			040	DMAD201	04-080	CP 007		
|	DMA2141			041	DMA2141	04-080	CP 018		
|	DMA2121			042	DMA2121	04-080	CP 017		
|	GRD04061			043	GRD04061				
				044					
				045					
				046					
				047					
				048					
				049					
				050					
				051					
				052					
				053					
				054					
				055					
				056					
.....TF5			04-087		TF				
	GRD04087			000	GRD04087				
	GRD04087			001	GRD04087				
	GRD04087			002	GRD04087				
	GRD04087			003	GRD04087				
	GRD04087			004	GRD04087				
	GRD04087			005	GRD04087				
	GRD04087			006	GRD04087				
	GRD04087			007	GRD04087				
	GRD04087			008	GRD04087				
	GRD04087			009	GRD04087				
	GRD04087			010	GRD04087				
	GRD04087			011	GRD04087				
				012					
	GRD04087			013	GRD04087				
	GRD04087			014	GRD04087				
	GRD04087			015	GRD04087				
	GRD04087			016	GRD04087				
	GRD04087			017	GRD04087				
	GRD04087			018	GRD04087				
	GRD04087			019	GRD04087				
	GRD04087			020	GRD04087				
	GRD04087			021	GRD04087				
	GRD04087			022	GRD04087				
	GRD04087			023	GRD04087				
	GRD04087			024	GRD04087				
				032					
				033					
				034					
				035					
				036					
				037					
				038					
				039					
				040					
				041					
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				056					
.....TF6			04-094		TF				
	GRD04094			000	GRD04094				
	GRD04094			001	GRD04094				
	GRD04094			002	GRD04094				
	GRD04094			003	GRD04094				
	GRD04094			004	GRD04094				
	GRD04094			005	GRD04094				
	GRD04094			006	GRD04094				

CAD 003 (CONT'D)

TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....TF6			04-094 (CONT'D)		TF				
	GRD04094			007	GRD04094				
	GRD04094			008	GRD04094				
	GRD04094			009	GRD04094				
	GRD04094			010	GRD04094				
	GRD04094			011	GRD04094				
				012					
	GRD04094			013	GRD04094				
	GRD04094			014	GRD04094				
	GRD04094			015	GRD04094				
	GRD04094			016	GRD04094				
	GRD04094			017	GRD04094				
	GRD04094			018	GRD04094				
	GRD04094			019	GRD04094				
	GRD04094			020	GRD04094				
	GRD04094			021	GRD04094				
	GRD04094			022	GRD04094				
	GRD04094			023	GRD04094				
	GRD04094			024	GRD04094				
				032					
				033					
				034					
				035					
				036					
				037					
				038					
				039					
				040					
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TO CONNECTION — DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION — LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....TF7				04-095	TF	.....			
	GRD04095			000	GRD04095				
TO PROC CONTROL	GRD04095			001	GRD04095				
FRAME CKT	GRD04095			002	GRD04095				
|	GRD04095			003	GRD04095				
|	GRD04095			004	GRD04095				
|	GRD04095			005	GRD04095				
|	GRD04095			006	GRD04095				
|	GRD04095			007	GRD04095				
|	GRD04095			008	GRD04095				
|	GRD04095			009	GRD04095				
|	GRD04095			010	GRD04095				
	GRD04095			011	GRD04095				
				012					
	GRD04095			013	GRD04095				
TO PROC CONTROL	GRD04095			014	GRD04095				
FRAME CKT	GRD04095			015	GRD04095				
|	GRD04095			016	GRD04095				
|	GRD04095			017	GRD04095				
|	GRD04095			018	GRD04095				
|	GRD04095			019	GRD04095				
|	GRD04095			020	GRD04095				
|	GRD04095			021	GRD04095				
|	GRD04095			022	GRD04095				
|	GRD04095			023	GRD04095				
	GRD04095			024	GRD04095				
				032					
				033					
				034					
				035					
				036					
				037					
				038					
				039					
				040					
				041					
				042					
				043					
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				045					
				046					
				047					
				048					
				049					
				050					
				051					
				052					
				053					
				054					
				055					
				056					
.....TF8				04-102	TF	.....			
	GRD04102			000	GRD04102				
TO PROC CONTROL	GRD04102			001	GRD04102				
FRAME CKT	GRD04102			002	GRD04102				
|	GRD04102			003	GRD04102				
|	GRD04102			004	GRD04102				
|	GRD04102			005	GRD04102				
|	GRD04102			006	GRD04102				
|	GRD04102			007	GRD04102				
|	GRD04102			008	GRD04102				
|	GRD04102			009	GRD04102				
|	GRD04102			010	GRD04102				
	GRD04102			011	GRD04102				
				012					
	GRD04102			013	GRD04102				
TO PROC CONTROL	GRD04102			014	GRD04102				
FRAME CKT	GRD04102			015	GRD04102				
|	GRD04102			016	GRD04102				
|	GRD04102			017	GRD04102				
|	GRD04102			018	GRD04102				
|	GRD04102			019	GRD04102				
|	GRD04102			020	GRD04102				
|	GRD04102			021	GRD04102				
|	GRD04102			022	GRD04102				
|	GRD04102			023	GRD04102				
	GRD04102			024	GRD04102				
				032					
				033					
				034					
				035					
				036					
				037					

CAD 003
(CONT'D)

TO CONNECTION — DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION — LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....TF8				04-102 (CONT'D)	TF	.....			
				038					
				039					
				040					
				041					
				042					
				043					
				044					
				045					
				046					
				047					
				048					
				049					
				050					
				051					
				052					
				053					
				054					
				055					
				056					
.....TF9				04-103	TF	.....			
	GRD04103			000	GRD04103				
TO PROC CONTROL	GRD04103			001	GRD04103				
FRAME CKT	GRD04103			002	GRD04103				
|	GRD04103			003	GRD04103				
|	GRD04103			004	GRD04103				
|	GRD04103			005	GRD04103				
|	GRD04103			006	GRD04103				
|	GRD04103			007	GRD04103				
|	GRD04103			008	GRD04103				
|	GRD04103			009	GRD04103				
|	GRD04103			010	GRD04103				
|	GRD04103			011	GRD04103				
				012					
	GRD04103			013	GRD04103				
TO PROC CONTROL	GRD04103			014	GRD04103				
FRAME CKT	GRD04103			015	GRD04103				
|	GRD04103			016	GRD04103				
|	GRD04103			017	GRD04103				
|	GRD04103			018	GRD04103				
|	GRD04103			019	GRD04103				
|	GRD04103			020	GRD04103				
|	GRD04103			021	GRD04103				
|	GRD04103			022	GRD04103				
|	GRD04103			023	GRD04103				
	GRD04103			024	GRD04103				
				032					
				033					
				034					
				035					
				036					
				037					
				038					
				039					
				040					
				041					
				042					
				043					
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				048					
				049					
				050					
				051					
				052					
				053					
				054					
				055					
				056					
.....TF10				04-110	TF	.....			
	GRD04110			000	GRD04110				
TO PROC CONTROL	GRD04110			001	GRD04110				
FRAME CKT	GRD04110			002	GRD04110				
|	GRD04110			003	GRD04110				
|	GRD04110			004	GRD04110				
|	GRD04110			005	GRD04110				
|	GRD04110			006	GRD04110				

CAD 003
(CONT'D)

TO CONNECTION — DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION — LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....TF10				04-110 (CONT'D)	TF	.....			
	GRD04110			007	GRD04110				
|	GRD04110			008	GRD04110				
|	GRD04110			009	GRD04110				
|	GRD04110			010	GRD04110				
	GRD04110			011	GRD04110				
				012					
	GRD04110			013	GRD04110				
TO PROC CONTROL	GRD04110			014	GRD04110				
FRAME CKT	GRD04110			015	GRD04110				
|	GRD04110			016	GRD04110				
|	GRD04110			017	GRD04110				
|	GRD04110			018	GRD04110				
|	GRD04110			019	GRD04110				
|	GRD04110			020	GRD04110				
|	GRD04110			021	GRD04110				
|	GRD04110			022	GRD04110				
|	GRD04110			023	GRD04110				
	GRD04110			024	GRD04110				
				032					
				033					
				034					
				035					
				036					
				037					
				038					
				039					
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TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....TF11			04-111	TF	.....				
	GRD04111			000	GRD04111				
	GRD04111			001	GRD04111				
	GRD04111			002	GRD04111				
	GRD04111			003	GRD04111				
	GRD04111			004	GRD04111				
	GRD04111			005	GRD04111				
	GRD04111			006	GRD04111				
	GRD04111			007	GRD04111				
	GRD04111			008	GRD04111				
	GRD04111			009	GRD04111				
	GRD04111			010	GRD04111				
	GRD04111			011	GRD04111				
				012					
	GRD04111			013	GRD04111				
	GRD04111			014	GRD04111				
	GRD04111			015	GRD04111				
	GRD04111			016	GRD04111				
	GRD04111			017	GRD04111				
	GRD04111			018	GRD04111				
	GRD04111			019	GRD04111				
	GRD04111			020	GRD04111				
	GRD04111			021	GRD04111				
	GRD04111			022	GRD04111				
	GRD04111			023	GRD04111				
	GRD04111			024	GRD04111				
				032					
				033					
				034					
				035					
				036					
				037					
				038					
				039					
				040					
				041					
				042					
				043					
				044					
				045					
				046					
				047					
				048					
				049					
				050					
				051					
				052					
				053					
				054					
				055					
				056					
.....TF12			04-118	TF	.....				
	GRD04118			000	GRD04118				
	GRD04118			001	GRD04118				
	GRD04118			002	GRD04118				
	GRD04118			003	GRD04118				
	GRD04118			004	GRD04118				
	GRD04118			005	GRD04118				
	GRD04118			006	GRD04118				
	GRD04118			007	GRD04118				
	GRD04118			008	GRD04118				
	GRD04118			009	GRD04118				
	GRD04118			010	GRD04118				
	GRD04118			011	GRD04118				
	GRD04118			012	GRD04118				
TO PROC CONTROL FRAME CKT	GRD04118			013	GRD04118				
	GRD04118			014	GRD04118				
	GRD04118			015	GRD04118				
	GRD04118			016	GRD04118				
	GRD04118			017	GRD04118				
	GRD04118			018	GRD04118				
	GRD04118			019	GRD04118				
	GRD04118			020	GRD04118				
	GRD04118			021	GRD04118				
	GRD04118			022	GRD04118				
	GRD04118			023	GRD04118				
	GRD04118			024	GRD04118				
				032					
				033					
				034					
				035					
				036					
				037					

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TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....TF12			04-118 (CONT'D)	TF	.....				
				038					
				039					
				040					
				041					
				042					
				043					
				044					
				045					
				046					
				047					
				048					
				049					
				050					
				051					
				052					
				053					
				054					
				055					
				056					
.....TF13			04-124	TF	.....				
TO PROC CONTROL FRAME CKT	GRD04124			000	GRD04124				
	GRD04124			001	GRD04124				
	GRD04124			002	GRD04124				
	GRD04124			003	GRD04124				
	GRD04124			004	GRD04124				
	GRD04124			005	GRD04124				
	GRD04124			006	GRD04124				
	GRD04124			007	GRD04124				
	GRD04124			008	GRD04124				
	GRD04124			009	GRD04124				
	GRD04124			010	GRD04124				
	GRD04124			011	GRD04124				
				012					
TO PROC CONTROL FRAME CKT	GRD04124			013	GRD04124				
	GRD04124			014	GRD04124				
	GRD04124			015	GRD04124				
	GRD04124			016	GRD04124				
	GRD04124			017	GRD04124				
	GRD04124			018	GRD04124				
	GRD04124			019	GRD04124				
	GRD04124			020	GRD04124				
	GRD04124			021	GRD04124				
	GRD04124			022	GRD04124				
	GRD04124			023	GRD04124				
	GRD04124			024	GRD04124				
	GRD04124			032	GRD04124				
	GRD04124			033	GRD04124				
	GRD04124			034	GRD04124				
	GRD04124			035	GRD04124				
	GRD04124			036	GRD04124				
	GRD04124			037	GRD04124				
	GRD04124			038	GRD04124				
	GRD04124			039	GRD04124				
	GRD04124			040	GRD04124				
	GRD04124			041	GRD04124				
	GRD04124			042	GRD04124				
	GRD04124			043	GRD04124				
	GRD04124			045	GRD04124				
	GRD04124			046	GRD04124				
	GRD04124			047	GRD04124				
	GRD04124			048	GRD04124				
	GRD04124			049	GRD04124				
	GRD04124			050	GRD04124				
	GRD04124			051	GRD04124				
	GRD04124			052	GRD04124				
	GRD04124			053	GRD04124				
	GRD04124			054	GRD04124				
	GRD04124			055	GRD04124				
	GRD04124			056	GRD04124				
.....TF14			04-125	TF	.....				
				000					
				001					
TO PROC CONTROL FRAME CKT	D0200			002	D0200	04-120	CP	002	
	D0280			003	D0280	04-120	CP	003	
	WRT000			004	WRT000	04-120	CP	035	L
	D0210			005	D0210	04-120	CP	005	
	D0290			006	D0290	04-120	CP	006	
	WRTH00			007	WRTH00	04-120	CP	021	L

CAD 003 (CONT'D)

TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....TF14			04-125 (CONT'D)	TF	.....				
	D0220			008	D0220	04-120	CP	008	
	EADP0			009	EADP0	04-120	CP	112	N
	DPA00			010	DPA00	04-120	CP	313	
	A0171			011	A0171	04-120	CP	213	
				012					
TO PROC CONTROL FRAME CKT	D0300			013	D0300	04-120	CP	009	
	D0230			014	D0230	04-120	CP	011	
	D0310			015	D0310	04-120	CP	012	
	ADPC00			016	ADPC00	04-120	CP	114	
	DH0000			017	DH0000	04-120	CP	014	
	DPX00			018	DPX00	04-120	CP	015	
	WRT030			019	WRT030	04-120	CP	017	
	A0190			020	A0190	04-120	CP	019	
				021					313
	READ01			022	READ01	04-120	CP	024	
	SG031			023	SG031	04-126	CP	032	
	SG021			024	SG021	04-132	CP	223	
	SG011			032	SG011	04-126	CP	223	
	SG001			033	SG001	04-120	CP	223	
	SEL0090			034	SEL0090	04-126	CP	033	
	SEL0080			035	SEL0080	04-120	CP	033	
	SEL0110			036	SEL0110	04-138	CP	033	
	SEL0100			037	SEL0100	04-132	CP	033	
	SEL0130			038	SEL0130	04-150	CP	033	
	SEL0120			039	SEL0120	04-144	CP	033	
	SEL0140			040	SEL0140	04-156	CP	033	
	SEL0150			041	SEL0150	04-162	CP	033	
				042					313
	A0191			043	A0191	04-120	CP	037	
	DH0020			045	DH0020	04-120	CP	039	
	DPY00			046	DPY00	04-120	CP	040	
	DH0030			047	DH0030	04-120	CP	042	
	DPZ00			048	DPZ00	04-120	CP	043	
	D0160			049	D0160	04-120	CP	045	
	D0240			050	D0240	04-120	CP	046	
	D0170			051	D0170	04-120	CP	048	
	D0250			052	D0250	04-120	CP	049	
	D0180			053	D0180	04-120	CP	051	
	D0260			054	D0260	04-120	CP	052	
	D0190			055	D0190	04-120	CP	054	
	D0270			056	D0270	04-120	CP	055	

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CAD 003
(CONT'D)

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....TF15			04-130		TF	.....			
TO PROC CONTROL FRAME CKT	GRD04130			000	GRD04130				
	GRD04130			001	GRD04130				
	GRD04130			002	GRD04130				
	GRD04130			003	GRD04130				
	GRD04130			004	GRD04130				
	GRD04130			005	GRD04130				
	GRD04130			006	GRD04130				
	GRD04130			007	GRD04130				
	GRD04130			008	GRD04130				
	GRD04130			009	GRD04130				
	GRD04130			010	GRD04130				
	GRD04130			011	GRD04130				
				012					
TO PROC CONTROL FRAME CKT	GRD04130			013	GRD04130				
	GRD04130			014	GRD04130				
	GRD04130			015	GRD04130				
	GRD04130			016	GRD04130				
	GRD04130			017	GRD04130				
	GRD04130			018	GRD04130				
	GRD04130			019	GRD04130				
	GRD04130			020	GRD04130				
	GRD04130			021	GRD04130				
	GRD04130			022	GRD04130				
	GRD04130			023	GRD04130				
	GRD04130			024	GRD04130				
	GRD04130			032	GRD04130				
	GRD04130			033	GRD04130				
	GRD04130			034	GRD04130				
	GRD04130			035	GRD04130				
	GRD04130			036	GRD04130				
	GRD04130			037	GRD04130				
	GRD04130			038	GRD04130				
	GRD04130			039	GRD04130				
	GRD04130			040	GRD04130				
	GRD04130			041	GRD04130				
	GRD04130			042	GRD04130				
	GRD04130			043	GRD04130				
	GRD04130			045	GRD04130				
	GRD04130			046	GRD04130				
	GRD04130			047	GRD04130				
	GRD04130			048	GRD04130				
	GRD04130			049	GRD04130				
	GRD04130			050	GRD04130				
	GRD04130			051	GRD04130				
	GRD04130			052	GRD04130				
	GRD04130			053	GRD04130				
	GRD04130			054	GRD04130				
	GRD04130			055	GRD04130				
	GRD04130			056	GRD04130				
.....TF16			04-131		TF	.....			
				000					
TO PROC CONTROL FRAME CKT	D0040			001	D0040	04-120	CP	301	
	D0120			002	D0120	04-120	CP	302	
	D0050			004	D0050	04-120	CP	304	
	D0130			005	D0130	04-120	CP	305	
	D0060			007	D0060	04-120	CP	307	
	D0140			008	D0140	04-120	CP	308	
	A0181			009	A0181	04-120	CP	209	
	D0070			010	D0070	04-120	CP	310	
	D0150			011	D0150	04-120	CP	311	
				012					
TO PROC CONTROL FRAME CKT	DH0010			013	DH0010	04-120	CP	314	
	ADPR00			014	ADPR00	04-120	CP	215	
	A0071			015	A0071	04-120	CP	317	
	A0161			016	A0161	04-120	CP	217	
	A0081			017	A0081	04-120	CP	318	
	A0091			018	A0091	04-120	CP	219	
	REF00			019	REF00	04-120	CP	320	
	CLRM00			020	CLRM00	04-120	CP	321	
	SELRDD00			021	SELRDD00	04-120	CP	120	
	SELCDD00			022	SELCDD00	04-120	CP	116	
	SELREV00			023	SELREV00	04-120	CP	122	
	SELCEV00			024	SELCEV00	04-120	CP	118	
	A0101			032	A0101	04-120	CP	332	
	A0111			033	A0111	04-120	CP	333	
	A0020			034	A0020	04-120	CP	233	
	A0021			035	A0021	04-120	CP	235	
	A0121			036	A0121	04-120	CP	335	
	A0131			037	A0131	04-120	CP	336	
	A0141			038	A0141	04-120	CP	237	
	A0151			039	A0151	04-120	CP	338	
	A0031			040	A0031	04-120	CP	339	

CAD 003
(CONT'D)

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....TF16			04-131 (CONT'D)		TF	.....			
	A0051			041	A0051	04-120	CP	341	
	A0041			042	A0041	04-120	CP	241	
	A0061			043	A0061	04-120	CP	342	
	D0000			045	D0000	04-120	CP	344	
	D0080			046	D0080	04-120	CP	345	
	D0010			047	D0010	04-120	CP	347	
	D0090			048	D0090	04-120	CP	348	
	D0020			050	D0020	04-120	CP	350	
	D0100			051	D0100	04-120	CP	351	
	D0030			053	D0030	04-120	CP	353	
	D0110			054	D0110	04-120	CP	354	
				055					
				056					
.....TF17			04-166		TF	.....			
				012					
				044					
.....TF18			04-167		TF	.....			
				012					
				044					
.....TF19			04-168		TF	.....			
				012					
				044					
.....TF20			04-169		JACK/TF	.....			
				012					
				044					

CAD 004
BUS TERMINATING DIODE

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....BTD1(A)			04-167		JACK/TF	.....			
				000					
				001					
TO BTD	D0200			002	D0200	04-120	CP	002	
	D0280			003	D0280	04-120	CP	003	
	D0210			004	D0210	04-120	CP	005	
	D0290			005	D0290	04-120	CP	006	
	D0220			006	D0220	04-120	CP	008	
	D0300			007	D0300	04-120	CP	009	
				008					
TO BTD	D0230			009	D0230	04-120	CP	011	
	D0310			010	D0310	04-120	CP	012	
				011					
.....BTD1(B)			04-166		JACK/TF	.....			
TO BTD	P5VF			000	P5VF	04-120	CP	102	
	GRD04166			001	GRD04166				
	GRD04166			002	GRD04166				
	GRD04166			003	GRD04166				
	GRD04166			004	GRD04166				
	GRD04166			005	GRD04166				
	GRD04166			006	GRD04166				
	GRD04166			007	GRD04166				
	GRD04166			008	GRD04166				
	GRD04166			009	GRD04166				
	GRD04166			010	GRD04166				
	P5VF			011	P5VF	04-120	CP	102	

CAD 004
(CONT'D)

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....BTD2(A)			04-167		JACK/TF	.....			
				013					
TO BTD	DH0000			014	DH0000	04-120	CP	014	
	ADPC00			015	ADPC00	04-120	CP	114	
	SELCDD00			016	SELCDD00	04-120	CP	116	
	WRT030			017	WRT030	04-120	CP	017	
	A0161			018	A0161	04-120	CP	217	
	SELCEV00			019	SELCEV00	04-120	CP	118	
	A0190			020	A0190	04-120	CP	019	
	SG001			021	SG001	04-120	CP	223	
	WRTH00			022	WRTH00	04-120	CP	021	
	READ01			023	READ01	04-120	CP	024	
	SG011			024	SG011	04-126	CP	223	
.....BTD2(B)			04-166		JACK/TF	.....			
TO BTD	P5VF			013	P5VF	04-120	CP	102	
	GRD04166			014	GRD04166				
	GRD04166			015	GRD04166				
	GRD04166			016	GRD04166				
	GRD04166			017	GRD04166				
	GRD04166			018	GRD04166				
	GRD04166			019	GRD04166				
	GRD04166			020	GRD04166				
	GRD04166			021	GRD04166				
	GRD04166			022	GRD04166				
	GRD04166			023	GRD04166				
	P5VF			024	P5VF	04-120	CP	102	
.....BTD3(A)			04-167		JACK/TF	.....			
TO BTD	SG031			032	SG031	04-126	CP	032	
	A0020			033	A0020	04-120	CP	233	
				034					
TO BTD	WRT000			035	WRT000	04-120	CP	035	
				036					
TO BTD	A0191			037	A0191	04-120	CP	037	
	DH0020			038	DH0020	04-120	CP	039	
	DPY00			039	DPY00	04-120	CP	040	
	A0041			040	A0041	04-120	CP	241	
	DH0030			041	DH0030	04-120	CP	042	
	DP200			042	DP200	04-120	CP	043	
				043					
.....BTD3(B)			04-166		JACK/TF	.....			
TO BTD	P5VF			032	P5VF	04-120	CP	102	
	GRD04166			033	GRD04166				
	GRD04166			034	GRD04166				
	GRD04166			035	GRD04166				
	GRD04166			036	GRD04166				
	GRD04166			037	GRD04166				
	GRD04166			038	GRD04166				
	GRD04166			039	GRD04166				
	GRD04166			040	GRD04166				
	GRD04166			041	GRD04166				
	GRD04166			042	GRD04166				
	P5VF			043	P5VF	04-120	CP	102	

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(CONT'D)

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....BTD4(A)				04-167	JACK/TF				
				045					
TO BTD	D0160			046	D0160	04-120 CP	045		
	D0240			047	D0240	04-120 CP	046		
	D0170			048	D0170	04-120 CP	048		
	D0250			049	D0250	04-120 CP	049		
				050					
TO BTD	D0180			051	D0180	04-120 CP	051		
	D0260			052	D0260	04-120 CP	052		
				053					
TO BTD	D0190			054	D0190	04-120 CP	054		
	D0270			055	D0270	04-120 CP	055		
				056					
.....BTD4(B)				04-166	JACK/TF				
TO BTD	P5VF			045	P5VF	04-120 CP	102		
	GRD04166			046	GRD04166				
	GRD04166			047	GRD04166				
	GRD04166			048	GRD04166				
	GRD04166			049	GRD04166				
	GRD04166			050	GRD04166				
	GRD04166			051	GRD04166				
	GRD04166			052	GRD04166				
	GRD04166			053	GRD04166				
	GRD04166			054	GRD04166				
	GRD04166			055	GRD04166				
	P5VF			056	P5VF	04-120 CP	102		
.....BTD5(A)				04-169	JACK/TF				
				000					
TO BTD	D0040			001	D0040	04-120 CP	301		
	D0120			002	D0120	04-120 CP	302		
				003					
TO BTD	D0050			004	D0050	04-120 CP	304		
	D0130			005	D0130	04-120 CP	305		
	D0060			006	D0060	04-120 CP	307		
	D0140			007	D0140	04-120 CP	308		
	A0181			008	A0181	04-120 CP	209		
	D0070			009	D0070	04-120 CP	310		
	D0150			010	D0150	04-120 CP	311		
				011					
.....BTD5(B)				04-168	JACK/TF				
TO BTD	P5VF			000	P5VF	04-120 CP	102		
	GRD04168			001	GRD04168				
	GRD04168			002	GRD04168				
	GRD04168			003	GRD04168				
	GRD04168			004	GRD04168				
	GRD04168			005	GRD04168				
	GRD04168			006	GRD04168				
	GRD04168			007	GRD04168				
	GRD04168			008	GRD04168				
	GRD04168			009	GRD04168				
	GRD04168			010	GRD04168				
	P5VF			011	P5VF	04-120 CP	102		
.....BTD6(A)				04-169	JACK/TF				
TO BTD	A0171			013	A0171	04-120 CP	213		
	REF00			014	REF00	04-120 CP	320		
	DPA00			015	DPA00	04-120 CP	313		
	DH0010			016	DH0010	04-120 CP	314		
	DPX00			017	DPX00	04-120 CP	015		
	ADPR00			018	ADPR00	04-120 CP	215		
	A0071			019	A0071	04-120 CP	317		
	A0081			020	A0081	04-120 CP	318		
	SELREV00			021	SELREV00	04-120 CP	122		
	SELROD00			022	SELROD00	04-120 CP	120		
	A0091			023	A0091	04-120 CP	219		
	CLRM00			024	CLRM00	04-120 CP	321		
.....BTD6(B)				04-168	JACK/TF				
TO BTD	P5VF			013	P5VF	04-120 CP	102		
	GRD04168			014	GRD04168				
	GRD04168			015	GRD04168				
	GRD04168			016	GRD04168				
	GRD04168			017	GRD04168				

CAD 004
(CONT'D)

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....BTD6(B)				04-168 (CONT'D)	JACK/TF				
	GRD04168			018	GRD04168				
	GRD04168			019	GRD04168				
	GRD04168			020	GRD04168				
	GRD04168			021	GRD04168				
	GRD04168			022	GRD04168				
	GRD04168			023	GRD04168				
	P5VF			024	P5VF	04-120 CP	102		
.....BTD7(A)				04-169	JACK/TF				
TO BTD	SG021			032	SG021	04-132 CP	223		
	A0101			033	A0101	04-120 CP	332		
	A0111			034	A0111	04-120 CP	333		
	A0021			035	A0021	04-120 CP	235		
	A0121			036	A0121	04-120 CP	335		
	A0131			037	A0131	04-120 CP	336		
	A0141			038	A0141	04-120 CP	237		
	A0151			039	A0151	04-120 CP	338		
	A0031			040	A0031	04-120 CP	339		
	A0051			041	A0051	04-120 CP	341		
	A0061			042	A0061	04-120 CP	342		
				043					
.....BTD7(B)				04-168	JACK/TF				
TO BTD	P5VF			032	P5VF	04-120 CP	102		
	GRD04168			033	GRD04168				
	GRD04168			034	GRD04168				
	GRD04168			035	GRD04168				
	GRD04168			036	GRD04168				
	GRD04168			037	GRD04168				
	GRD04168			038	GRD04168				
	GRD04168			039	GRD04168				
	GRD04168			040	GRD04168				
	GRD04168			041	GRD04168				
	GRD04168			042	GRD04168				
	P5VF			043	P5VF	04-120 CP	102		
.....BTD8(A)				04-169	JACK/TF				
				045					
TO BTD	D0000			046	D0000	04-120 CP	344		
	D0080			047	D0080	04-120 CP	345		
	D0010			048	D0010	04-120 CP	347		
	D0090			049	D0090	04-120 CP	348		
				050					
TO BTD	D0020			051	D0020	04-120 CP	350		
	D0100			052	D0100	04-120 CP	351		
				053					
TO BTD	D0030			054	D0030	04-120 CP	353		
	D0110			055	D0110	04-120 CP	354		
				056					
.....BTD8(B)				04-168	JACK/TF				
TO BTD	P5VF			045	P5VF	04-120 CP	102		
	GRD04168			046	GRD04168				
	GRD04168			047	GRD04168				
	GRD04168			048	GRD04168				
	GRD04168			049	GRD04168				
	GRD04168			050	GRD04168				
	GRD04168			051	GRD04168				
	GRD04168			052	GRD04168				
	GRD04168			053	GRD04168				
	GRD04168			054	GRD04168				
	GRD04168			055	GRD04168				
	P5VF			056	P5VF	04-120 CP	102		

(L) CAD 005
PAIRED LEADS/ TWISTED GRD

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....LW1(A)				04-126	CP				
04-125-004	WRT000	D3	TG	035	WRT000				
.....LW1(B)				04-125	TF				
04-126-035	WRT000	D3	TG	004	WRT000			L	
.....LW2				04-124	TF				
04-124-035	GRD04124	D3	TG	004	GRD04124				
04-124-004	GRD04124	D3	TG	035	GRD04124				

(L) CAD 006
PAIRED LEADS/ TWISTED GRD

TO CONNECTION: DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION: LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....LW3(A)				04-126	CP				
04-125-007	WRTH00	D3	TG	021	WRTH00				
.....LW3(B)				04-125	TF				
04-126-021	WRTH00	D3	TG	007	WRTH00			L	
.....LW4				04-124	TF				
04-124-021	GRD04124	D3	TG	007	GRD04124				
04-124-007	GRD04124	D3	TG	021	GRD04124				

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PWR CONT. CABLES FOR 3B20D MODEL 3

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J5				04-178	JACK/CP	(982AE,NOTE 1).....			
TO MS/IO AND DFC UNIT CKT	CCINTLC	CA79		213	CINTLC				
	CCALM0	CA79		214	CCALM0				
	SPARE	CA79		215					
	CCSTP	CA79		216	CCSTP				
	SPARE	CA79		217					
	SPARE	CA79		218					
	SPARE	CA79		219					
	CPPG	CA79		220	CPPG				
	CPMG	CA79		221	CPMG				
	SPARE	CA79		222					
	SPARE	CA79		223					
	SPARE	CA79		224					
	SPARE	CA79		313					
	CCSTN	CA79		314	CCSTN				
	SPARE	CA79		315					
	SPARE	CA79		316					
	SPARE	CA79		317					
	SPARE	CA79		318					
	SPARE	CA79		319					
	SPARE	CA79		320					
	SPARE	CA79		321					
	SPARE	CA79		322					
	SPARE	CA79		323					
	SPARE	CA79		324					

CAD 051

PWR CONT. CABLES FOR 3B20D MODEL 3

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J6				04-178	JACK/CP	(982AE,NOTE 1).....			
TO IOP BASIC UNIT CKT	CCINTLD	CA80		013	CINTLD				
	CCALM0	CA80		014	CCALM0				
	SPARE	CA80		015					
	CCSTP	CA80		016	CCSTP				
	SPARE	CA80		017					
	SPARE	CA80		018					
	SPARE	CA80		019					
	CPPG	CA80		020	CPPG				
	CPMG	CA80		021	CPMG				
	SPARE	CA80		022					
	SPARE	CA80		023					
	SPARE	CA80		024					
	SPARE	CA80		113					
	CCSTN	CA80		114	CCSTN				
	SPARE	CA80		115					
	SPARE	CA80		116					
	SPARE	CA80		117					
	SPARE	CA80		118					
	SPARE	CA80		119					
	SPARE	CA80		120					
	SPARE	CA80		121					
	SPARE	CA80		122					
	SPARE	CA80		123					
	SPARE	CA80		124					

CAD 052

PWR CONT. CABLES FOR 3B20D MODEL 3

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J7				04-016	JACK/CP	(982AE,NOTE 1).....			
TO IOP BASIC UNIT CKT	SPARE	CA81		213					
	ICSTN	CA81		214	ICSTN				
	SPARE	CA81		215					
	ICSTP	CA81		216	ICSTP				
	SPARE	CA81		217					
	ICALM10	CA81		218	ICALM10				
	SPARE	CA81		219					
	SPARE	CA81		220					
	SPARE	CA81		221					
	SPARE	CA81		222					
	SPARE	CA81		223					
	SPARE	CA81		224					
	SPARE	CA81		313					
	FPWRF0	CA81		314	FPWRF0				
	ALRM0	CA81		315	ALRM0				
	OTO	CA81		316	OTO				
	ILMTO	CA81		317	ILMTO				
	SPARE	CA81		318					
	SPARE	CA81		319					
	SPARE	CA81		320					
	SPARE	CA81		321					
	SPARE	CA81		322					
	SPARE	CA81		323					
	SPARE	CA81		324					

CAD 053

-48V PWR DIST FOR 3B20D MODEL 3

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....LUG				00-175	LUG	(NOTE 1,308).....			
TO PWR DIST UNIT CKT	48RCPU5	LW		000	48RCPU5				
.....LUG				01-008B	LUG	(NOTE 1,308).....			
TO PWR DIST UNIT CKT	48RIOP1	LW		001	48RIOP1				
.....LUG				01-008T	LUG	(NOTE 1,308).....			
TO PWR DIST UNIT CKT	N48VIOP1	LW		004	N48VIOP1				
.....LUG				01-175	LUG	(NOTE 1,308).....			
TO PWR DIST UNIT CKT	N48VCPU5	LW		003	N48VCPU5				
.....LUG				02-008B	LUG	(NOTE 1,308).....			
TO PWR DIST UNIT CKT	48RIOP2	LW		009	48RIOP2				
.....LUG				02-008T	LUG	(NOTE 1,308).....			
TO PWR DIST UNIT CKT	N48VIOP2	LW		012	N48VIOP2				
.....LUG				03-008B	LUG	(NOTE 1,308).....			
TO PWR DIST UNIT CKT	48RIOP3	LW		017	48RIOP3				

CAD 053

(CONT'D)

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....LUG				03-008T	LUG	(NOTE 1,308).....			
TO PWR DIST UNIT CKT	N48VIOP3	LW		020	N48VIOP3				

(V,W) CAD 054

CP PWR ARR 1 (GROWTH UNIT) FOR 3B20D MODEL 3

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....PWR				04-088	JACK/CP	(NOTE 308,309).			
04-096-020	CPPF	D3		020	CPPF			W	
04-096-511	CPMF	D3		511	CPMF			W	
.....PWR				04-096	JACK/CP	(NOTE 308,309).....			
04-088-020	CPPF	D3		020	CPPF			W	
04-088-511	CPMF	D3		511	CPMF			W	
.....PWR				04-104	JACK/CP	(NOTE 308).....			
04-096-020	CPPF	D3		020	CPPF				
04-096-511	CPMF	D3		511	CPMF				
.....LUG				05-173	LUG	(NOTE 308,309).....			
06-173-044	P5VFST	ST		039	P5VFST				
.....LUG				06-173	LUG	(NOTE 308,309).....			
07-173B-049	P5VFST	ST		044	P5VFST			V	
.....LUG				07-173B	LUG	(NOTE 308,309).....			
07-173T-054	P5VFST	ST		049	P5VFST			V	
.....LUG				07-173T	LUG	(NOTE 308,309).....			
07-173B-049	P5VFST	ST		054	P5VFST			V	

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(T) CAD 055

CP PWR ARR 6 (4TH IO CH) FOR 3B20D MODEL 3

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....PWR			04-088		JACK/CP	(NOTE 308,309).....			
04-178-020	CPPG	D3	020		CPPG			T	
04-178-021	CPMG	D3	511		CPMG			T	
.....PWR			04-096		JACK/CP	(NOTE 308,309).....			
04-104-020	CPPF	D3	020		CPPF			T	
04-104-511	CPMF	D3	511		CPMF			T	
.....PWR			04-104		JACK/CP	(NOTE 308).....			
04-096-020	CPPF	D3	020		CPPF				
04-096-511	CPMF	D3	511		CPMF				
.....PWR			04-178		JACK/CP	(NOTE 308,309).....			
04-088-020	CPPG	D3	020		CPPG				
04-088-511	CPMG	D3	021		CPMG				
.....LUG			05-009T		LUG	(NOTE 308,309).....			
TO IOP BASIC UNIT CKT	GRDP5G	LW	037		GRD04016				
.....LUG			06-173		LUG	(NOTE 308,309).....			
07-173B-049	P5VF	ST	044		P5VF	04-120 CP	300		
.....LUG			07-013		LUG	(NOTE 308,309).....			
TO IOP BASIC UNIT CKT	P5VG	LW	053		P5VFA				
.....LUG			07-173B		LUG	(NOTE 308,309).....			
06-173-044	P5VF	ST	049		P5VF	04-120 CP	300	T	

(P) CAD 056

CP PWR ARR 10 (BASIC PROCESSOR) FOR 3B20D MODEL 3

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....PWR			04-088		JACK/CP	(NOTE 309,310).....			
04-096-020	CPPF	D3	020		CPPF			P	
04-096-511	CPMF	D3	511		CPMF			P	
.....PWR			04-096		JACK/CP	(NOTE 309,310).....			
04-088-020	CPPF	D3	020		CPPF			P	
04-088-511	CPMF	D3	511		CPMF			P	
.....PWR			04-104		JACK/CP	(NOTE 309,310).....			
04-096-020	CPPF	D3	020		CPPF				
04-096-511	CPMF	D3	511		CPMF				
.....LUG			05-173		LUG	(NOTE 309,310).....			
06-173-044	P5VFST	LH	039		P5VFST				
.....LUG			06-173		LUG	(NOTE 309,310).....			
07-173B-049	P5VFST	LH	044		P5VFST			P	

(P) CAD 056

(CONT'D)

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....LUG			07-173B		LUG	(NOTE 309,310).....			
07-173T-054	P5VFST	LW	049		P5VFST			P	
.....LUG			07-173T		LUG	(NOTE 309,310).....			
07-173B-049	P5VFST	LW	054		P5VFST			P	

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MEMORY EXTENSION CABLES FOR 3B20D MODEL 3

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J61(A)				04-131	JACK/TF	(982AR,NOTE 1).....			
TO MS/IO AND DFC UNIT CKT	SPARE	CA26		000					
	D0040	CA26		001	D0040				
	D0120	CA26		002	D0120				
	SPARE	CA26		003					
	D0050	CA26		004	D0050				
	D0130	CA26		005	D0130				
	SPARE	CA26		006					
	D0060	CA26		007	D0060				
	D0140	CA26		008	D0140				
	A0181	CA26		009	A0181				
	D0070	CA26		010	D0070				
	D0150	CA26		011	D0150				
.....J61(B)				04-130	JACK/TF	(982AR,NOTE 1).....			
TO MS/IO AND DFC UNIT CKT	GRD04130	CA26		000	GRD04130				
	GRD04130	CA26		001	GRD04130				
	GRD04130	CA26		002	GRD04130				
	GRD04130	CA26		003	GRD04130				
	GRD04130	CA26		004	GRD04130				
	GRD04130	CA26		005	GRD04130				
	GRD04130	CA26		006	GRD04130				
	GRD04130	CA26		007	GRD04130				
	GRD04130	CA26		008	GRD04130				
	GRD04130	CA26		009	GRD04130				
	GRD04130	CA26		010	GRD04130				
	GRD04130	CA26		011	GRD04130				
.....J62(A)				04-131	JACK/TF	(982AR,NOTE 1).....			
TO MS/IO AND DFC UNIT CKT	DH0010	CA27		013	DH0010				
	ADFR00	CA27		014	ADFR00				
	A0071	CA27		015	A0071				
	A0161	CA27		016	A0161				
	A0081	CA27		017	A0081				
	ACC91	CA27		018	A0091				
	REF00	CA27		019	REF00				
	CLRM00	CA27		020	CLRM00				
	SELRCD00	CA27		021	SELRCD00				
	SELCD00	CA27		022	SELCD00				
	SELREV00	CA27		023	SELREV00				
	SELCEV00	CA27		024	SELCEV00				
.....J62(B)				04-130	JACK/TF	(982AR,NOTE 1).....			
TO MS/IO AND DFC UNIT CKT	GRD04130	CA27		013	GRD04130				
	GRD04130	CA27		014	GRD04130				
	GRD04130	CA27		015	GRD04130				
	GRD04130	CA27		016	GRD04130				
	GRD04130	CA27		017	GRD04130				
	GRD04130	CA27		018	GRD04130				
	GRD04130	CA27		019	GRD04130				
	GRD04130	CA27		020	GRD04130				
	GRD04130	CA27		021	GRD04130				
	GRD04130	CA27		022	GRD04130				
	GRD04130	CA27		023	GRD04130				
	GRD04130	CA27		024	GRD04130				

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(CONT'D)

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J63(A)				04-131	JACK/TF	(982AR,NOTE 1).....			
TO MS/IO AND DFC UNIT CKT	A0101	CA28		032	A0101				
	A0111	CA28		033	A0111				
	A0020	CA28		034	A0020				
	A0021	CA28		035	A0021				
	A0121	CA28		036	A0121				
	A0131	CA28		037	A0131				
	A0141	CA28		038	A0141				
	A0151	CA28		039	A0151				
	A0031	CA28		040	A0031				
	A0051	CA28		041	A0051				
	A0041	CA28		042	A0041				
	A0061	CA28		043	A0061				
.....J63(B)				04-130	JACK/TF	(982AR,NOTE 1).....			
TO MS/IO AND DFC UNIT CKT	GRD04130	CA28		032	GRD04130				
	GRD04130	CA28		033	GRD04130				
	GRD04130	CA28		034	GRD04130				
	GRD04130	CA28		035	GRD04130				
	GRD04130	CA28		036	GRD04130				
	GRD04130	CA28		037	GRD04130				
	GRD04130	CA28		038	GRD04130				
	GRD04130	CA28		039	GRD04130				
	GRD04130	CA28		040	GRD04130				
	GRD04130	CA28		041	GRD04130				
	GRD04130	CA28		042	GRD04130				
	GRD04130	CA28		043	GRD04130				
.....J64(A)				04-131	JACK/TF	(982AR,NOTE 1).....			
TO MS/IO AND DFC UNIT CKT	D0000	CA29		045	D0000				
	D0080	CA29		046	D0080				
	D0010	CA29		047	D0010				
	D0090	CA29		048	D0090				
	SPARE	CA29		049					
	D0020	CA29		050	D0020				
	D0100	CA29		051	D0100				
	SPARE	CA29		052					
	D0030	CA29		053	D0030				
	D0110	CA29		054	D0110				
	SPARE	CA29		055					
	SPARE	CA29		056					
.....J64(B)				04-130	JACK/TF	(982AR,NOTE 1).....			
TO MS/IO AND DFC UNIT CKT	GRD04130	CA29		045	GRD04130				
	GRD04130	CA29		046	GRD04130				
	GRD04130	CA29		047	GRD04130				
	GRD04130	CA29		048	GRD04130				
	GRD04130	CA29		049	GRD04130				
	GRD04130	CA29		050	GRD04130				
	GRD04130	CA29		051	GRD04130				
	GRD04130	CA29		052	GRD04130				
	GRD04130	CA29		053	GRD04130				
	GRD04130	CA29		054	GRD04130				
	GRD04130	CA29		055	GRD04130				
	GRD04130	CA29		056	GRD04130				

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TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J65(A)			04-125	JACK/TF	(982AR,NOTE 1).....				
TO MS/IO AND	SPARE	CA30	000						
DFC UNIT CKT	SPARE	CA30	001						
	D0200	CA30	002	D0200					
	D0280	CA30	003	D0280					
	WRT000	CA30	004	WRT000				L	
	D0210	CA30	005	D0210					
	D0290	CA30	006	D0290					
	WRTH00	CA30	007	WRTH00				L	
	D0220	CA30	008	D0220					
	EADP0	CA30	009	EADP0				N	
	DPA00	CA30	010	DPA00					
	A0171	CA30	011	A0171					
.....J65(B)			04-124	JACK/TF	(982AR,NOTE 1).....				
TO MS/IO AND	GRD04124	CA30	000	GRD04124					
DFC UNIT CKT	GRD04124	CA30	001	GRD04124					
	GRD04124	CA30	002	GRD04124					
	GRD04124	CA30	003	GRD04124					
	GRD04124	CA30	004	GRD04124					
	GRD04124	CA30	005	GRD04124					
	GRD04124	CA30	006	GRD04124					
	GRD04124	CA30	007	GRD04124					
	GRD04124	CA30	008	GRD04124					
	GRD04124	CA30	009	GRD04124					
	GRD04124	CA30	010	GRD04124					
	GRD04124	CA30	011	GRD04124					
.....J66(A)			04-125	JACK/TF	(982AR,NOTE 1).....				
TO MS/IO AND	D0300	CA31	013	D0300					
DFC UNIT CKT	D0230	CA31	014	D0230					
	70310	CA31	015	D0310					
	ADPC00	CA31	016	ADPC00					
	DH0000	CA31	017	DH0000					
	DPX00	CA31	018	DPX00					
	WRT030	CA31	019	WRT030					
	A0190	CA31	020	A0190					
		CA31	021						313
	READ01	CA31	022	READ01					
	SG031	CA31	023	SG031					
	SG021	CA31	024	SG021					
.....J66(B)			04-124	JACK/TF	(982AR,NOTE 1).....				
TO MS/IO AND	GRD04124	CA31	013	GRD04124					
DFC UNIT CKT	GRD04124	CA31	014	GRD04124					
	GRD04124	CA31	015	GRD04124					
	GRD04124	CA31	016	GRD04124					
	GRD04124	CA31	017	GRD04124					
	GRD04124	CA31	018	GRD04124					
	GRD04124	CA31	019	GRD04124					
	GRD04124	CA31	020	GRD04124					
	GRD04124	CA31	021	GRD04124					
	GRD04124	CA31	022	GRD04124					
	GRD04124	CA31	023	GRD04124					
	GRD04124	CA31	024	GRD04124					
.....J67(A)			04-125	JACK/TF	(982AR,NOTE 1).....				
TO MS/IO AND	SG011	CA32	032	SG011					
DFC UNIT CKT	SG001	CA32	033	SG001					
	SEL0090	CA32	034	SEL0090					
	SEL0080	CA32	035	SEL0080					
	SEL0110	CA32	036	SEL0110					
	SEL0100	CA32	037	SEL0100					
	SEL0130	CA32	038	SEL0130					
	SEL0120	CA32	039	SEL0120					
	SEL0140	CA32	040	SEL0140					
	SEL0150	CA32	041	SEL0150					
		CA32	042						313
	A0191	CA32	043	A0191					
.....J67(B)			04-124	JACK/TF	(982AR,NOTE 1).....				
TO MS/IO AND	GRD04124	CA32	032	GRD04124					
DFC UNIT CKT	GRD04124	CA32	033	GRD04124					
	GRD04124	CA32	034	GRD04124					
	GRD04124	CA32	035	GRD04124					
	GRD04124	CA32	036	GRD04124					

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TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J67(B)			04-124 (CONT'D)	JACK/TF	(982AR,NOTE 1).....				
	GRD04124	CA32	037	GRD04124					
	GRD04124	CA32	038	GRD04124					
	GRD04124	CA32	039	GRD04124					
	GRD04124	CA32	040	GRD04124					
	GRD04124	CA32	041	GRD04124					
	GRD04124	CA32	042	GRD04124					
	GRD04124	CA32	043	GRD04124					
.....J68(A)			04-125	JACK/TF	(982AR,NOTE 1).....				
TO MS/IO AND	DH0020	CA33	045	DH0020					
DFC UNIT CKT	DPY00	CA33	046	DPY00					
	DH0030	CA33	047	DH0030					
	DPZ00	CA33	048	DPZ00					
	D0160	CA33	049	D0160					
	D0240	CA33	050	D0240					
	D0170	CA33	051	D0170					
	D0250	CA33	052	D0250					
	D0180	CA33	053	D0180					
	D0260	CA33	054	D0260					
	D0190	CA33	055	D0190					
	D0270	CA33	056	D0270					
.....J68(B)			04-124	JACK/TF	(982AR,NOTE 1).....				
TO MS/IO AND	GRD04124	CA33	045	GRD04124					
DFC UNIT CKT	GRD04124	CA33	046	GRD04124					
	GRD04124	CA33	047	GRD04124					
	GRD04124	CA33	048	GRD04124					
	GRD04124	CA33	049	GRD04124					
	GRD04124	CA33	050	GRD04124					
	GRD04124	CA33	051	GRD04124					
	GRD04124	CA33	052	GRD04124					
	GRD04124	CA33	053	GRD04124					
	GRD04124	CA33	054	GRD04124					
	GRD04124	CA33	055	GRD04124					
	GRD04124	CA33	056	GRD04124					

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PC GROWTH CABLES FOR 3B20D MODEL 3

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J69(A)			04-061	JACK/TF	(982BN,NOTE 1).....				
TO IOP BASIC	GRD04061	CA34	000	GRD04061					
UNIT CKT	DMAWR20	CA34	001	DMAWR20					
	RISL820	CA34	002	RISL820					
	CLRPC20	CA34	003	CLRPC20					
	CSAZ20	CA34	004	CSAZ20					
	GRD04061	CA34	005	GRD04061					
	PCSEL230	CA34	006	PCSEL230					
	PCSEL220	CA34	007	PCSEL220					
	PCSEL200	CA34	008	PCSEL200					
	ER220	CA34	009	ER220					
	DOL20	CA34	010	DOL20					
	GRD04061	CA34	011	GRD04061					
.....J69(B)			04-060	JACK/TF	(982BN,NOTE 1).....				
TO IOP BASIC	GRD04060	CA34	000	GRD04060					
UNIT CKT	CINT20	CA34	001	CINT20					
	SISL820	CA34	002	SISL820					
	CSAZ30	CA34	003	CSAZ30					
	CSAZ10	CA34	004	CSAZ10					
	CSAZ00	CA34	005	CSAZ00					
	GRD04060	CA34	006	GRD04060					
	PCSEL210	CA34	007	PCSEL210					
	ER230	CA34	008	ER230					
	ER210	CA34	009	ER210					
	ER200	CA34	010	ER200					
	GRD04060	CA34	011	GRD04060					

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TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TEPMINAL	OPT	NOTE
.....J70(A)			04-061	JACK/TF	(982BN,NOTE 1).....				
TO IOP BASIC	GRD04061	CA35	013	GRD04061					
UNIT CKT	DMA2101	CA35	014	DMA2101					
	DMA2081	CA35	015	DMA2081					
	DMA2061	CA35	016	DMA2061					
	DMA2041	CA35	017	DMA2041					
	GRD04061	CA35	018	GRD04061					
	DMA2011	CA35	019	DMA2011					
	SR230	CA35	020	SR230					
	SR210	CA35	021	SR210					
	DMARQ20	CA35	022	DMARQ20					
	DMARD20	CA35	023	DMARD20					
	GRD04061	CA35	024	GRD04061					
.....J70(B)			04-060	JACK/TF	(982BN,NOTE 1).....				
TO IOP BASIC	GRD04060	CA35	013	GRD04060					
UNIT CKT	DMA2091	CA35	014	DMA2091					
	DMA2071	CA35	015	DMA2071					
	DMA2051	CA35	016	DMA2051					
	DMA2031	CA35	017	DMA2031					
	DMA2021	CA35	018	DMA2021					
	GRD04060	CA35	019	GRD04060					
	DMA2001	CA35	020	DMA2001					
	SR220	CA35	021	SR220					
	SR200	CA35	022	SR200					
	DMAOC20	CA35	023	DMAOC20					
	GRD04060	CA35	024	GRD04060					
.....J71(A)			04-061	JACK/TF	(982BN,NOTE 1).....				
TO IOP BASIC	GRD04061	CA36	032	GRD04061					
UNIT CKT	INT230	CA36	033	INT230					
	INT210	CA36	034	INT210					
	OCS21	CA36	035	COS21					
	DMADZ71	CA36	036	DMADZ71					
	DMAD251	CA36	037	DMAD251					
	DMAD231	CA36	038	DMAD231					
	DMAD221	CA36	039	DMAD221					
	DMAD201	CA36	040	DMAD201					
	DMA2141	CA36	041	DMA2141					
	DMA2121	CA36	042	DMA2121					
	GRD04061	CA36	043	GRD04061					
.....J71(B)			04-060	JACK/TF	(982BN,NOTE 1).....				
TO IOP BASIC	GRD04060	CA36	032	GRD04060					
UNIT CKT	INT220	CA36	033	INT220					
	INT200	CA36	034	INT200					
	DMAD281	CA36	035	DMAD281					
	DMAD261	CA36	036	DMAD261					
	DMAD241	CA36	037	DMAD241					
	GRD04060	CA36	038	GRD04060					
	DMAD211	CA36	039	DMAD211					
	DMA2151	CA36	040	DMA2151					
	DMA2131	CA36	041	DMA2131					
	DMA2111	CA36	042	DMA2111					
	GRD04060	CA36	043	GRD04060					

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TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J72(A)				04-055	JACK/TF	(982BN,NOTE 1).....			
TO IOP BASIC UNIT CKT	GRD04055	CA37		000	GRD04055				
	DMAWR30	CA37		001	DMAWR30				
	RISL830	CA37		002	RISL830				
	CLRPC30	CA37		003	CLRPC30				
	CSA320	CA37		004	CSA320				
	GRD04055	CA37		005	GRD04055				
	PCSEL330	CA37		006	PCSEL330				
	PCSEL320	CA37		007	PCSEL320				
	PCSEL300	CA37		008	PCSEL300				
	ER320	CA37		009	ER320				
	DOL30	CA37		010	DOL30				
	GRD04055	CA37		011	GRD04055				
.....J72(B)				04-054	JACK/TF	(982BN,NOTE 1).....			
TO IOP BASIC UNIT CKT	GRD04054	CA37		000	GRD04054				
	CINT30	CA37		001	CINT30				
	SISL830	CA37		002	SISL830				
	CSA330	CA37		003	CSA330				
	CSA310	CA37		004	CSA310				
	CSA300	CA37		005	CSA300				
	GRD04054	CA37		006	GRD04054				
	PCSEL310	CA37		007	PCSEL310				
	ER330	CA37		008	ER330				
	ER310	CA37		009	ER310				
	ER300	CA37		010	ER300				
	GRD04054	CA37		011	GRD04054				
.....J73(A)				04-055	JACK/TF	(982BN,NOTE 1).....			
TO IOP BASIC UNIT CKT	GRD04055	CA38		013	GRD04055				
	DMA3101	CA38		014	DMA3101				
	DMA3081	CA38		015	DMA3081				
	DMA3061	CA38		016	DMA3061				
	DMA3041	CA38		017	DMA3041				
	GRD04055	CA38		018	GRD04055				
	DMA3011	CA38		019	DMA3011				
	SR330	CA38		020	SR330				
	SR310	CA38		021	SR310				
	DMAR030	CA38		022	DMAP030				
	DMARD30	CA38		023	DMARD30				
	GRD04055	CA38		024	GRD04055				
.....J73(B)				04-054	JACK/TF	(982BN,NOTE 1).....			
TO IOP BASIC UNIT CKT	GRD04054	CA38		013	GRD04054				
	DMA3091	CA38		014	DMA3091				
	DMA3071	CA38		015	DMA3071				
	DMA3051	CA38		016	DMA3051				
	DMA3031	CA38		017	DMA3031				
	DMA3021	CA38		018	DMA3021				
	GRD04054	CA38		019	GRD04054				
	DMA3001	CA38		020	DMA3001				
	SR320	CA38		021	SR320				
	SR300	CA38		022	SR300				
	DMAOC30	CA38		023	DMACC30				
	GRD04054	CA38		024	GRD04054				
.....J74(A)				04-055	JACK/TF	(982BN,NOTE 1).....			
TO IOP BASIC UNIT CKT	GRD04055	CA39		032	GRD04055				
	INT330	CA39		033	INT330				
	INT310	CA39		034	INT310				
	OOS31	CA39		035	OOS31				
	DMAD371	CA39		036	DMAD371				
	DMAD351	CA39		037	DMAD351				
	DMAD331	CA39		038	DMAD331				
	DMAD321	CA39		039	DMAD321				
	DMAD301	CA39		040	DMAD301				
	DMA3141	CA39		041	DMA3141				
	DMA3121	CA39		042	DMA3121				
	GRD04055	CA39		043	GRD04055				
.....J74(B)				04-054	JACK/TF	(982BN,NOTE 1).....			
TO IOP BASIC UNIT CKT	GRD04054	CA39		032	GRD04054				
	INT320	CA39		033	INT320				
	INT300	CA39		034	INT300				
	DMAD381	CA39		035	DMAD381				
	DMAD361	CA39		036	DMAD361				

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(CONT'D)

TO CONNECTION DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	FROM CONNECTION LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J74(B)				04-054 (CONT'D)	JACK/TF	(982BN,NOTE 1).....			
	DMAD341	CA39		037	DMAD341				
	GRD04054	CA39		038	GRD04054				
	DMAD311	CA39		039	DMAD311				
	DMA3151	CA39		040	DMA3151				
	DMA3131	CA39		041	DMA3131				
	DMA3111	CA39		042	DMA3111				
	GRD04054	CA39		043	GRD04054				

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