

[illegible]

DESIGNATION MNEMONICS INDEX

DESIG

DEFINITION

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DEFINITION

+12VTER
+5V04C0
+5V04C1
+5VTER

PLUS 12 VOLTS TERMINAL
PLUS 5 VOLTS CONTROLLER 0
PLUS 5 VOLTS CONTROLLER 1
PLUS 5 VOLTS TERMINAL

0CQPIINT0
0CPIINT0
0CQRQIP[0:1]C
0CQRQIP[0:1]D

SIDE 0, CORRECTABLE PARITY FAIL INTERRUPT
SIDE 0, CPI ERROR INTERRUPT
SIDE 0, CONTROLLER REQUEST IN PROGRESS
SIDE 0, DLI REQUEST IN PROGRESS

0MONINV0
0MPF0
0MWTER0
[0:1]NAE

SIDE 0, MONITOR INVOKE
SIDE 0, INDICATES MATE POWER FAILURE
SIDE 0, MATE ACCESS READY TIME-OUT ERROR
SIDE 0 OR 1, NOT ADDRESS ENABLE

-12VTER
-4804LC0
-4804LC1
-4804TER

MINUS 12 VOLTS TERMINAL
MINUS 48 VOLTS CONTROLLER 0
MINUS 48 VOLTS CONTROLLER 1
MINUS 48 VOLTS, TN878 (FAST PUMP)

0CSC[1:3]
0CSC04L
0CSCW[0:1]C
0CSCX[0:1]C

SIDE 0, CONVERTER REMOTE SWITCH
SIDE 0, CONVERTER SET POINT CONTROL
SIDE 0, DLI 'W' SCAN POINT
SIDE 0, CONTROLLER SCAN POINT X

0NOREF0
[0:1]PARCLK
0PERERR0
0PISEL0

SIDE 0, NO REFRESH
SIDE 0 OR 1, PARITY CLOCK
SIDE 0, SDLC PARITY ERROR INDICATOR
SIDE 0, PROCESSOR INTERNAL SELECT

-5VTER
[0:1]14MC15N
[0:1]14MC15P
[0:1]18KS15N

MINUS 5 VOLTS TERMINAL
SIDE 0 OR 1, PIDB, 4 MHZ CLOCK WIRE PAIRS (NEGATIVE)
SIDE 0 OR 1, PIDB, 4 MHZ CLOCK WIRE PAIRS (POSITIVE)
SIDE 0 OR 1, PIDB, 8 KHZ SYNC WIRE PAIRS (NEGATIVE)

0CSCY1C
0CSCZ[0:1]C
0CTS1T1
0D[00:31]B1

SIDE 0, CONTROLLER SCAN POINT Y
SIDE 0, CONTROLLER SCAN POINT Z
SIDE 0, COMMUNICATION TIME SLOT INDICATOR LIGHT
SIDE 0, MEMORY DATA

0PNMI0
0POR0
0PROC1
0PUMP0

SIDE 0, PROCESSOR NON-MASKABLE INTERRUPT
SIDE 0, POWER ON RESET
SIDE 0, SIDE IDENTIFIER
SIDE 0, BOOTSTRAPPER PROCESSOR HOLD REQUEST

[0:1]18KS15P
01PBI15N
01PBI15P
01PBO15N

SIDE 0 OR 1, PIDB, 8 KHZ SYNC WIRE PAIRS (POSITIVE)
SIDE 0, PIDB INPUT DATA WIRE PAIRS (NEGATIVE)
SIDE 0, PIDB INPUT DATA WIRE PAIRS (POSITIVE)
SIDE 0, PIDB OUTPUT DATA WIRE PAIRS (NEGATIVE)

0DA0
0DAFF0
0DI[0:3]0
0DDGN[0:1]C

SIDE 0, HAMMING BIT A
SIDE 0, DISPLAY A FLIP-FLOP
SIDE 0, PARITY BIT BYTE 0 THRU 3
SIDE 0, SN516 DLI DIAGNOSTIC DISTRIBUTE POINT

0RAMEN1
0READI1
0REFI0
0RES1

SIDE 0, RAM ENABLE
SIDE 0, MEMORY READ ENABLE
SIDE 0, MEMORY REFRESH
SIDE 0, FAN RESET

01PBO15P
08MB0
0A02I0
0A[02:22]1
0A02IB0

SIDE 0, PIDB OUTPUT DATA WIRE PAIRS (POSITIVE)

SIDE 0, MEMORY ADDRESS BIT 02, ACTIVE LOW
SIDE 0, MEMORY ADDRESS BITS 02 THRU 22, ACTIVE HIGH
SIDE 0, MEMORY ADDRESS BIT 02, B, ACTIVE LOW

0DMAIN0
0DMARD0
0DMARQ0
0DMAWR0

SIDE 0, DMA INHIBIT LINE
SIDE 0, DMA READ LINE
SIDE 0, DMA REQUEST LINE
SIDE 0, DMA WRITE LINE

0RESET0
0RESRAM0
0ROMEN0
0RTN

SIDE 0, STROBE RESET
SIDE 0, RESTRICTED RAM ENABLE
SIDE 0, ROM ENABLE
SIDE 0, FAN SD POINT GROUND

0A02IB1
0A1920I0
0ABORT0
0ADPC00

SIDE 0, MEMORY ADDRESS BIT 02, B, ACTIVE HIGH
SIDE 0, TN28 ADDRESS 19, TN56 ADDRESS 20 IO
SIDE 0, ABORT WRITE
SIDE 0, COLUMN ADDRESS PARITY

0DMB[1:3]0
0DORRQ0
0DPERR0
0DSCW[0:1]C

SIDE 0, DRIVER FOR SPARE MASK BIT 1, 2, OR 3
SIDE 0, DORMANT REQUEST
SIDE 0, SYSTEM DATA PARITY ERROR
DLI SCAN POINT W

0RWP0
0SA[1:25]
0SANINHO
0SANTL1

SIDE 0, WRITE PROTECT READ ENABLE
SIDE 0, SYSTEM ADDRESS
SIDE 0, SANITY TIMER INHIBIT FROM CPI
SIDE 0, PROCESSOR SANITY LIGHT

0ADPRO0
0AFF0
0AIO1
0ALCPI[0:1]P

SIDE 0, ROW ADDRESS PARITY
SIDE 0, A FLIP-FLOP LINE
SIDE 0, ALLOW IO
SIDE 0, CPI DATA FROM DLI 0 OR 1

0DSCX[0:1]C
0DSCY[0:1]C
0DSOFT20
0DTHEN0

SIDE 0, DLI SCAN POINT X
SIDE 0, DLI SCAN POINT Y
SIDE 0, SOFTWARE FLAG BIT 2
SIDE 0, DISPLAY TOTAL HOLD ENABLE

0SBHE0
0SBL0E
0SCAN1
[0:1]SCLOCK

SIDE 0, SYSTEM 0, SYSTEM BYTE HIGH ENABLE
SIDE 0, SYSTEM BYTE LOW ENABLE
SIDE 0, CHANGE CALCULATION MULTIPLEXER SELECT
SIDE 0 OR 1, SYSTEM CLOCK

0ALRMD[0:1]P
0ALRMP[0:1]P
0B[0:1]DLCK
0B[0:1]PARCK

SIDE 0, SDLC RECEIVE DATA FROM DLI 0 OR 1
SIDE 0, SDLC PARITY FROM DLI 0 OR 1
SIDE 0, DLI CLOCK TO TN274
SIDE 0, SDLC PARITY CLOCK FROM DLI

0DUP0
0DX0
0DY0
0DYNSEL1

SIDE 0, DISPLAY UPDATE
SIDE 0, HAMMING BIT X
SIDE 0, HAMMING BIT Y
SIDE 0, DYNAMIC MEMORY SELECT

0SD[0:15]
0SDEN0
[0:1]SDIR
[0:1]SEAPAR

SIDE 0, SYSTEM DATA
SIDE 0, SYSTEM DATA ENABLE
SIDE 0 OR 1, SYSTEM DIRECTION
SIDE 0 OR 1, SYSTEM EXTENDED ADDRESS PARITY

0BLCPI[0:1]P
0BLKINT1
0BLRMD[0:1]P
0BLRMP[0:1]P

SIDE 0, DATA CLOCK FOR CPI
SIDE 0, BLOCK STS NON-MASKABLE INTERRUPT
SIDE 0, RECEIVE SDLC DATA FROM DLI 0 OR 1
SIDE 0, SDLC PARITY FROM DLI 0 OR 1

0DZ0
0DMACT1
0EXTRA4
0FA0

SIDE 0, HAMMING BIT Z
SIDE 0, EXPECT MEMORY ACTIVE
SIDE 0, EXTRA ADDRESS BIT (A21) FOR 4 MBYTE MEMORY PLANE
SIDE 0, CPI FORCE ACTIVE

0SELB[0:4]0
0SETWP0
[0:1]SHAPAR
[0:1]SHDPAR

SIDE 0, MEMORY BOARD SELECT
SIDE 0, SET WRITE PROTECT ENABLE
SIDE 0 OR 1, SYSTEM ADDRESS PARITY HIGH BYTE
SIDE 0 OR 1, SYSTEM DATA PARITY HIGH BYTE

0BPFA0
0BPS[1:2]
0BREAK0
0BSYBIT0

SIDE 0, BACKPLANE FORCE ACTIVE
SIDE 0, BACKPLANE SENSE POINT 1 OR 2
SIDE 0, MATE BREAK ENABLE
SIDE 0, BOOTSTRAPPER BUSY BIT

0FR0
0FS0
0FTEXT0
0GOIA1
0GOIB1

SIDE 0, CPI FORCE RESET
SIDE 0, CPI FORCE INACTIVE
SIDE 0, FORCE TEXT
SIDE 0, MEMORY GO LEAD A
SIDE 0, MEMORY GO LEAD B

0SHSTOP0
0SID4M0
0SID560
[0:1]SLAPAR

SIDE 0, SHADOW STOP
SIDE 0, SEPERATE INSTRUCTION, DATA 4MBYTE MEMORY PLANE
SIDE 0, TN56 SEPERATE INSTRUCTION/DATA
SIDE 0 OR 1, SYSTEM ADDRESS PARITY LOW BYTE

0BTPASS0
0BTPRS0
0BTSRST0
0BTSSSEL0

SIDE 0, BTSR PASSING RESIDENT DIAGNOSTIC BIT
SIDE 0, BOOTSTRAPPER PRESENT BIT
SIDE 0, BOOTSTRAPPER RESET
SIDE 0, BTSR SELECT

0GOIC1
0GOID1
0GRD
0HAMWINO
0HRHIT0

SIDE 0, MEMORY GO LEAD C
SIDE 0, MEMORY GO LEAD D
SIDE 0, GROUND
SIDE 0, HAMMING WRITE INHIBIT
SIDE 0, HOLDING REGISTER HIT

[0:1]SLDPAR
0SMP120
0STKERR0
0STW0

SIDE 0 OR 1, SYSTEM LOW DATA PARITY
SIDE 0, SWITCHING MODULE PROCESSOR (68012 ACTIVE LOW)
SIDE 0, STACK WRITE PROTECT ERROR
SIDE 0, STS TEST SIGNAL

0BUSERR0
0BUSGTA0
0BUSZS0
0C+CP04L

SIDE 0, SYSTEM BUS ERROR
SIDE 0, BUS GRANT A
SIDE 0, BOOTSTRAPPER UPDATE BUS SEIZE BIT
SIDE 0, CURRENT PROGRAM BUS

0HRLOAD0
0HROFF1
0ID23X
0INTA0
0INTA40

SIDE 0, HOLDING REGISTER LOAD
SIDE 0, HOLDING REGISTER OFF
SIDE 0, IDENTIFICATION 23X
SIDE 0, INTERRUPT ACKNOWLEDGE
SIDE 0, LEVEL 4 INTERRUPT

[0:1]SLDPAR
0SMP120
0STKERR0
0STW0

SIDE 0 OR 1, SYSTEM LOW DATA PARITY
SIDE 0, SWITCHING MODULE PROCESSOR (68012 ACTIVE LOW)
SIDE 0, STACK WRITE PROTECT ERROR
SIDE 0, STS TEST SIGNAL

0C-CP04L
0C48R04L
[0:1]CALM
[0:1]CALMP

SIDE 0, CURRENT PROGRAM BUS
SIDE 0, 48 VOLT RETURN
SIDE 0 OR 1, CONVERTER ALARM
SIDE 0 OR 1, CONVERTER ALARM

0INTR0
0INTR50
0IO8SEL1
0IOD[0:7]

SIDE 0, INTERRUPT
SIDE 0, LEVEL 5 CPI INTERRUPT
SIDE 0, SELECT FOR ALL 8 BITS OF I/O
SIDE 0, I/O DATA

0SU0ERR0
0SU1ERR0
0SU2ERR0
0SU3ERR0
0SU[4:7]ERR0

SIDE 0, SUBUNIT 0 INTERRUPT LEAD
SIDE 0, SP INTERRUPT LEAD
SIDE 0, CI INTERRUPT LEAD
SIDE 0, PROCESSOR INTERRUPT
SIDE 0, SPARE INTERRUPT LEAD

0CACHE0
0CDGN0C
0CFLY0
0CINTB
0CINTR

SIDE 0, CACHE ERROR
SIDE 0, CONTROLLER DIAGNOSTIC DISTRIBUTE POINT, 0 CONTROLLER
SIDE 0, SINGLE BIT ERROR CORRECT ON THE FLY
SIDE 0, CONTROLLER CONVERTER INTERLOCK AND ITS RETURN
SIDE 0, CONTROLLER CONVERTER INTERLOCK AND ITS RETURN

0IORD0
0IOWR0
0LAB0
0LCPCK[0:1]P

SIDE 0, I/O READ LINE
SIDE 0, I/O WRITE LINE
SIDE 0, PSEUDO ROM ENABLE
SIDE 0, SDLC PARITY CLOCK FROM DLI 0 OR 1

[0:1]SLDPAR
0SMP120
0STKERR0
0STW0

SIDE 0 OR 1, SYSTEM LOW DATA PARITY
SIDE 0, SWITCHING MODULE PROCESSOR (68012 ACTIVE LOW)
SIDE 0, STACK WRITE PROTECT ERROR
SIDE 0, STS TEST SIGNAL

0C0OS04L
0C0OS[0:1]D
0C0OS1C
0C0OS48P

SIDE 0, CONVERTER OUT OF SERVICE
SIDE 0, CONVERTER OUT OF SERVICE
SIDE 0, CONVERTER OUT OF SERVICE
SIDE 0, CONVERTER OUT OF SERVICE

0IORD0
0IOWR0
0LAB0
0LCPCK[0:1]P

SIDE 0, I/O READ LINE
SIDE 0, I/O WRITE LINE
SIDE 0, PSEUDO ROM ENABLE
SIDE 0, SDLC PARITY CLOCK FROM DLI 0 OR 1

[0:1]SLDPAR
0SMP120
0STKERR0
0STW0

SIDE 0 OR 1, SYSTEM LOW DATA PARITY
SIDE 0, SWITCHING MODULE PROCESSOR (68012 ACTIVE LOW)
SIDE 0, STACK WRITE PROTECT ERROR
SIDE 0, STS TEST SIGNAL

0LINT[0:1]UP
0LMTCK[0:1]P
0LRCD[0:1]UP
0MD0

SIDE 0, DLI 0 OR 1, INTERRUPT
SIDE 0, SDLC CLOCK FROM DLI 0 OR 1
SIDE 0, DLI 0 OR 1, CONTROL CHANNEL DATA IN
SIDE 0, DEMON E-PROM ENABLE

[0:1]SLDPAR
0SMP120
0STKERR0
0STW0

SIDE 0 OR 1, SYSTEM LOW DATA PARITY
SIDE 0, SWITCHING MODULE PROCESSOR (68012 ACTIVE LOW)
SIDE 0, STACK WRITE PROTECT ERROR
SIDE 0, STS TEST SIGNAL

0MEMERR0
0MESEL[A:K]0

SIDE 0, MEMORY ERROR
SIDE 0, MEMORY BOARD SELECT

[0:1]SLDPAR
0SMP120
0STKERR0
0STW0

SIDE 0 OR 1, SYSTEM LOW DATA PARITY
SIDE 0, SWITCHING MODULE PROCESSOR (68012 ACTIVE LOW)
SIDE 0, STACK WRITE PROTECT ERROR
SIDE 0, STS TEST SIGNAL

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SWITCHING MODULE PROCESSOR
UNIT, MODEL 2

DWG SIZE
C2

ISSUE
20B

AT&T

SD-5D129-01

SHEET
A2

DESIGNATION MNEMONICS INDEX

DESIG

DEFINITION

0S U0S0 SIDE 0, SUBUNIT 0 SELECT
0S U1S0 SIDE 0, SP BOARD SELECT
0S U2S0 SIDE 0, SELECT LEAD
0S U3S0 SIDE 0, BOARD SELECT
0SU[4..7]S0 SIDE 0, SPARE SELECT LEAD

0SU0WT0 SIDE 0, SUBUNIT 0 WAIT
0SU1WT0 SIDE 0, SP WAIT LINE
0SU2WT0 SIDE 0, CI READY LEAD
0SU3WT0 SIDE 0, PROCESSOR READY LEAD
0SU[4..7]WT0 SIDE 0, SPARE READY LEAD

0SUA[1..6] SIDE 0, SUBUNIT ADDRESS BUS
[0..1]SUAP SIDE 0 OR 1, SUBUNIT ADDRESS PARITY BIT
0SUD[0..15] SIDE 0, SUBUNIT DATA BUS

[0..1]SUDPH SIDE 0 OR 1, SUBUNIT DATA HIGH PARITY BITS
[0..1]SUDPL SIDE 0 OR 1, SUBUNIT DATA LOW PARITY BITS
0SURD0 SIDE 0, SUBUNIT READ
0S UWR0 SIDE 0, WRITE

0SWAIT0 SIDE 0, SYSTEM WAIT
0SWR0 SIDE 0, SYSTEM WRITE
0TAFOR0 SIDE 0, TERMINAL ACCESS FORCED
0THEN1 SIDE 0, TOTAL HOLD ENABLE LINE

[0..1]TIMCLK SIDE 0 OR 1, 7.5 MEGAHERTZ CLOCK
0TM[1..2]ST0 SIDE 0, TO MATE STOP SIGNAL 1 OR 2
0TMAFF0 SIDE 0, A FLIP-FLOP STATUS TO MATE
0TMCERR0 SIDE 0, TO MATE CONTROLLER ERROR

0TMDRQ0 SIDE 0, TO THE MATE DORMANT REQUEST
0TMFA0 SIDE 0, FORCE ACTIVE STAUS TO MATE
0TMOFF1 SIDE 0, OFF STATUS TO MATE
0TMPERR0 SIDE 0, PERIPHERAL INTERRUPT TO MATE

0TMRST0 SIDE 0, TO THE MATE RESET
0TMTHEN0 SIDE 0, TO THE MATE TOTAL HOLD ENABLE
0TN281 SIDE 0, TN28/TN56 MEMORY PLAN DISTINGUISHER
0TP3A TEST POINT

0TP4B TEST POINT
0TSHOLD0 SIDE 0, TEST SET HOLD
0TSINH0 SIDE 0, TEST SET INHIBIT
0TSREL0 SIDE 0, TEST SET RELEASE

0UABEN0 SIDE 0, UPDATE ADDRESS BUS ENABLE
0UDWP0 SIDE 0, DATA WRITE PROTECT ENABLE
0UPACT[0..1]L SIDE 0, DLI 0 OR 1, ENABLE
0UPCK[0..1]L SIDE 0, DLI CONTROL CHANNEL CLOCK TO DLI 0 OR 1

0UPDATE0 SIDE 0, UPDATE
0UPGO[0..1]L SIDE 0, DLI 0 OR 1, GO SIGNAL
0UPTMD[0..1]A SIDE 0, SDLC DATA TO DLI 0 OR 1
0UPTMD[0..1]B SIDE 0, SDLC DATA TO DLI 0 OR 1

0UPTMP[0..1]A SIDE 0, SDLC PARITY TO DLI 0 OR 1
0UPTMP[0..1]B SIDE 0, SDLC PARITY TO DLI 0 OR 1
0UPTRD[0..1]L SIDE 0, DLI 0 OR 1, CONTROL CHANNEL DATA OUT
0UTWP0 SIDE 0, TEXT WRITE PROTECT ENABLE

0VALOP0 SIDE 0, INVALID OPERATION
0WB00 SIDE 0, BYTE WRITE ENABLE
0WDPERR0 SIDE 0, WRITE DATA PARITY ERROR
0WH0 SIDE 0, HAMMING WRITE ENABLE

0WPERR0 SIDE 0, WRITE PROTECT ERROR
0WPINH0 SIDE 0, TEST POINT
0WREN0 SIDE 0, WRITE ENABLE
0WTERR0 SIDE 0, WAIT ERROR

0XPRST0 SIDE 0, EXTERNAL POWER ON RESET
08MB0 SIDE 0, 8MBYTE MEMORY ARRAY INDICATOR
11PB15N SIDE 1, PIDB INPUT DATA WIRE PAIRS, NEGATIVE
11PB15P SIDE 1, PIDB INPUT DATA WIRE PAIRS, POSITIVE
11PBO15N SIDE 1, PIDB OUTPUT DATA WIRE PAIRS, NEGATIVE

DESIG

DEFINITION

11PBO15P SIDE 1, PIDB OUTPUT DATA WIRE PAIRS, POSITIVE
18MB0 SIDE 1, 8MBYTE MEMORY ARRAY INDICATOR
1A02I0 SIDE 1, MEMORY ADDRESS BIT 02, ACTIVE LOW
1A[02..22]I1 SIDE 1, MEMORY ADDRESS BITS 02 THRU 22, ACTIVE HIGH
1A02IB0 SIDE 1, MEMORY ADDRESS BIT 02 B, ACTIVE LOW

1A02IB1 SIDE 1, MEMORY ADDRESS BIT 02 B, ACTIVE HIGH
1A1820I0 SIDE 1, TN28 ADDRESS 19, TN56 ADDRESS 20 IO
1ABORT0 SIDE 1, ABORT WIRE
1ADPC00 SIDE 1, COLUMN ADDRESS PARITY

1ADPR00 SIDE 1, ROW ADDRESS PARITY
1AFF0 SIDE 1, A FLIP-FLOP LINE
1AI01 SIDE 1, ALLOW I/O
1ALCP[0..1]P SIDE 1, CPI DATA FROM DLI 0 OR 1

1ALRMD[0..1]P SIDE 1, SDLC RECEIVE DATA FROM DLI 0 OR 1
1ALRMP[0..1]P SIDE 1, SDLC PARITY FROM DLI 0 OR 1
1B[0..1]DLCK SIDE 1, DLI CLOCK TO TN274
1B[0..1]PARCK SIDE 1, SDLC PARITY CLOCK FROM DLI

1BLCP[0..1]P SIDE 1, DATA CLOCK FOR CPI
1BLKINT1 SIDE 1, BLOCK STS NON-MASKABLE INTERRUPT
1BLRMD[0..1]P SIDE 1, RECEIVE SDLC DATA FROM DLI 0 OR 1
1BLRMP[0..1]P SIDE 1, SDLC PARITY FROM DLI 0 OR 1

1BPFA0 SIDE 1, BACKPLANE FORCE ACTIVE
1BPS[1..2] SIDE 1, BACKPLANE SENSE POINT 1 OR 2
1BREAK0 SIDE 1, MATE BREAK ENABLE
1BSYBIT0 SIDE 1, BOOTSTRAPPER BUSY BIT

1BTPASS0 SIDE 1, BTSR PASSING RESIDENT DIAGNOSTIC BIT
1BTPRS0 SIDE 1, BOOTSTRAPPER PRESENT BIT
1BTSRTS0 SIDE 1, BOOTSTRAPPER RESET
1BTSSEL0 SIDE 1, BTSR SELECT

1BUSERR0 SIDE 1, SYSTEM BUS ERROR
1BUSGTA0 SIDE 1, SYSTEM BUS GRANT A
1BUSZS0 SIDE 1, BOOTSTRAPPER UPDATE BUS SEIZE BIT
1C+CP04L SIDE 1, CURRENT PROGRAM BUS

1C-CP04L SIDE 1, CURRENT PROGRAM BUS
1C48R04L SIDE 1, 48 VOLT RETURN
1CAQHE0 SIDE 1, CACHE ERROR
1CDGN1C SIDE 1, CONTROLLER DIAGNOSTIC DISTRIBUTE POINT 1 CONTROLLER
1CFLY0 SIDE 1, SINGLE BIT ERROR CORRECT ON THE FLY

1CINTB SIDE 1, CONTROLLER CONVERTER INTERLOCK AND ITS RETURN
1CINTR SIDE 1, CONTROLLER CONVERTER INTERLOCK AND ITS RETURN
1COOS04L SIDE 1, CONVERTER OUT OF SERVICE
1COOS0C SIDE 1, CONVERTER OUT OF SERVICE

1COOS[0..1]D SIDE 1, CONVERTER OUT OF SERVICE
1COOS48P SIDE 1, CONVERTER OUT OF SERVICE
1CPFINT0 SIDE 1, CORRECTABLE PARITY FAIL INTERRUPT
1CPIINT0 SIDE 1, CPI ERROR INTERRUPT

1CRQIP[0..1]C SIDE 1, CONTROLLER REQUEST IN PROGRESS
1CRQIP[0..1]D SIDE 1, DLI REQUEST IN PROGRESS
1CS[1..3] SIDE 1, CONVERTER REMOTE SWITCH 1 THRU 3
1CS04L SIDE 1, CONVERTER SET POINT CONTROL

1CSCW[0..1]C SIDE 1, CONTROLLER SCAN POINT W
1CSCX[0..1]C SIDE 1, CONTROLLER SCAN POINT X
1CSCY0C SIDE 1, CONTROLLER SCAN POINT Y
1CSCZ[0..1]C SIDE 1, CONTROLLER SCAN POINT Z

1CTSTL1 SIDE 1, COMMUNICATION TIME SLOT INDICATOR LIGHT
1D[00..31]B1 SIDE 1, MEMORY DATA
1DA0 SIDE 1, HAMMING BIT A
1DAFF0 SIDE 1, DISPLAY A FLIP-FLOP

1DDGN[0..1]C SIDE 1, SN516 DLI DIAGNOSTIC DISTRIBUTE POINT
1DI[0..3]0 SIDE 1, PARITY BIT BYTE 0 THRU 3
1DMAIN0 SIDE 1, DMA INHIBIT LINE
1DMARD0 SIDE 1, DMA READ LINE

1DMARQ0 SIDE 1, DMA REQUEST LINE
1DMAWR0 SIDE 1, DMA WRITE LINE
1DMB[1..3]0 SIDE 1, DRIVER FOR SPARE MASK BIT 1, 2, OR 3

DESIG

DEFINITION

1DORRQ0 SIDE 1, DORMANT REQUEST
1DPERR0 SIDE 1, SYSTEM DATA PARITY ERROR
1DSCW[0..1]C SIDE 1, DLI SCAN POINT W
1DSCX[0..1]C SIDE 1, DLI SCAN POINT X

1DSCY[0..1]C SIDE 1, DLI SCAN POINT Y
1DSOFT20 SIDE 1, SOFTWARE FLAG BIT 2
1DTHEN0 SIDE 1, DISPLAY TOTAL HOLD ENABLE
1DUP0 SIDE 1, DISPLAY UPDATE

1DX0 SIDE 1, HAMMING DATA BIT X
1DY0 SIDE 1, HAMMING DATA BIT Y
1DYNSEL1 SIDE 1, DYNAMIC MEMORY SELECT
1DZ0 SIDE 1, HAMMING DATA BIT Z

1EMACT1 SIDE 1, EXPECT MEMORY ACTIVE
1EXTRA4 SIDE 1, EXTRA ADDRESS BIT (A21) FOR 4 MBYTE MEMORY PLANE
1FA0 SIDE 1, CPI FORCE ACTIVE
1FR0 SIDE 1, CPI FORCE RESET

1FS0 SIDE 1, CPI FORCE INACTIVE
1FTEXT0 SIDE 1, FORCE TEXT
1GOIA1 SIDE 1, MEMORY GO LEAD A
1GOIB1 SIDE 1, MEMORY GO LEAD B

1GOIC1 SIDE 1, MEMORY GO LEAD C
1GOID1 SIDE 1, MEMORY GO LEAD D
1GRD SIDE 1, GROUND
1HAMWIN0 SIDE 1, HAMMING WRITE INHIBIT
1HRHIT0 SIDE 1, HOLDING REGISTER HIT

1HRLOAD0 SIDE 1, HOLDING REGISTER LOAD
1HROFF1 SIDE 1, HOLDING REGISTER OFF
1ID23X SIDE 1, IDENTIFICATION 23X
1INTA0 SIDE 1, INTERRUPT ACKNOWLEDGE
1INTA40 SIDE 1, LEVEL 4 INTERRUPT

1INTR0 SIDE 1, INTERRUPT
1INTR50 SIDE 1, LEVEL 5 CPI INTERRUPT
1IO8SEL1 SIDE 1, SELECT FOR ALL 8 BITS OF I/O
1IOD[0..7] SIDE 1, I/O DATA

1IORD0 SIDE 1, I/O READ LINE
1IOWR0 SIDE 1, I/O WRITE LINE
1LAB0 SIDE 1, PSEUDO ROM ENABLE
1LOPCCK[0..1]P SIDE 1, SDLC PARITY CLOCK FROM DLI 0 OR 1

1LINT[0..1]UP SIDE 1, DLI 0 OR 1, INTERRUPT
1LMTCK[0..1]P SIDE 1, SDLC CLOCK FROM DLI 0 OR 1
1LRCD[0..1]UP SIDE 1, DLI 0 OR 1, CONTROL CHANNEL DATA IN
1MD0 SIDE 1, DEMON EPROM ENABLE

1MEMERR0 SIDE 1, MEMORY ERROR
1MESEL[A..K]0 SIDE 1, MEMORY BOARD SELECT
1MONINV0 SIDE 1, MONITOR INVOKE
1MPF0 SIDE 1, INDICATES MATE POWER FAILURE

1MWERR0 SIDE 1, MATE ACCESS READY TIME-OUT ERROR
1NOREF0 SIDE 1, NO REFRESH
1PERERR0 SIDE 1, SDLC PARITY ERROR INDICATOR
1PISEL0 SIDE 1, PROCESSOR INTERNAL SELECT
1PNMIO SIDE 1, PROCESSOR NON-MASKABLE INTERRUPT

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SWITCHING MODULE PROCESSOR
UNIT, MODEL 2

DWG SIZE
C2

ISSUE
20B

AT&T

SD-5D129-01

SHEET
A3

PRINTED IN U.S.A.

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DESIG

DEFINITION

1POR0
SIDE 1, POWER ON RESET
1PROC1
SIDE 1, SIDE IDENTIFIER
1PUMP0
SIDE 1, BOOTSTRAPPER PROCESSOR HOLD REQUEST
1RAMEN1
SIDE 1, RAM ENABLE

1READ11
SIDE 1, MEMORY READ
1REFI0
SIDE 1, MEMORY REFRESH
1RES1
SIDE 1, FAN RESET
1RESET0
SIDE 1, STROBE RESET

1RESRAM0
SIDE 1, RESTRICTED RAM ENABLE
1ROMEN0
SIDE 1, ROM ENABLE
1RTN
SIDE 1, FRAN SD POINT GROUND
1RWP0
SIDE 1, WRITE PROTECT READ ENABLE

1SA[1:25]
SIDE 1, SYSTEM ADDRESS
1SANINH0
SIDE 1, SANITY TIMER INHIBIT FROM CPI
1SANLT1
SIDE 1, PROCESSOR SANITY LIGHT
1SBHE0
SIDE 1, SYSTEM BYTE HIGH ENABLE

1SBLE0
SIDE 1, SYSTEM BYTE LOW ENABLE
1SCAN1
SIDE 1, FAN ALARM SCAN POINT
1SD[0:15]
SIDE 1, SYSTEM DATA
1SDEN0
SIDE 1, SYSTEM DATA ENABLE

1SELB[0:4]0
SIDE 1, MEMORY BOARD SELECT
1SETWP0
SIDE 1, SET WRITE PROTECT ENABLE
1SHDPAR
SIDE 1, SYSTEM DATA PARITY HIGH BYTE
1SHSTOP0
SIDE 1, SHADOW STOP

1SID4M0
SIDE 1, SEPERATE INSTRUCTION, DATA 4MBYTE MEMORY PLANE
1SID560
SIDE 1, TN56 SEPERATE INSTRUCTION/DATA
1SMP120
SIDE 1, SWITCHING MODULE PROCESSOR(68012 ACTIVE LOW)
1STKERR0
SIDE 1, STACK WRITE PROTECT ERROR

1STW0
SIDE 1, STS TEST SIGNAL
1SU0ERR0
SIDE 1, SUBUNIT 0 INTERRUPT LEAD
1SU1ERR0
SIDE 1, SP INTERRUPT LEAD
1SU2ERR0
SIDE 1, CI INTERRUPT LEAD
1SU3ERR0
SIDE 1, PROCESSOR INTERRUPT
1SU[4:7]ERR0
SIDE 1, SPARE INTERRUPT LEAD

1SU0S0
SIDE 1, SUBUNIT 0 SELECT
1SU1S0
SIDE 1, SP BOARD SELECT
1SU2S0
SIDE 1, CI SELECT LEAD
1SU3S0
SIDE 1, BOARD SELECT
1SU[4:7]S0
SIDE 1, SPARE SELECT LEAD

1SU0WT0
SIDE 1, SUBUNIT 0 WAIT
1SU1WT0
SIDE 1, SP WAIT LINE
1SU2WT0
SIDE 1, CI READY LEAD
1SU3WT0
SIDE 1, PROCESSOR READY LEAD
1SU[4:7]WT0
SIDE 1, SPARE READY LEAD

1SUA[1:6]
SIDE 1, SUBUNIT ADDRESS BUS
1SUD[0:15]
SIDE 1, SUBUNIT DATA BUS
1SURD0
SIDE 1, SUBUNIT READ
1SUWR0
SIDE 1, WRITE

1SWAIT0
SIDE 1, SYSTEM WAIT
1SWR0
SIDE 1, SYSTEM WRITE
1TAFOR0
SIDE 1, TERMINAL ACCESS FORCED
1THEN1
SIDE 1, TOTAL HOLD ENABLE LINE

1TM[1:2]ST0
SIDE 1, TO MATE STOP SIGNAL 1 OR 2
1TMAFF0
SIDE 1, A FLIP-FLOP STATUS TO MATE
1TMCERR0
SIDE 1, TO MATE CONTROLLER ERROR
1TMDRQ0
SIDE 1, TO THE MATE DORMANT REQUEST

1TMFA0
SIDE 1, FORCE ACTIVE STATUS TO MATE
1TMOFF1
SIDE 1, OFF STATUS TO MATE
1TMPERR0
SIDE 1, PERIPHERAL INTERRUPT TO MATE
1TMRST0
SIDE 1, TO THE MATE RESET

1TMTHEN0
SIDE 1, TO THE MATE TOTAL HOLD ENABLE
1TN281
SIDE 1, TN28/TN56 MEMORY PLANE DISTINGUISHER
1TP[3:4]B
SIDE 1, TEST POINT
1TSHOLD0
SIDE 1, TEST SET HOLD

DESIG

DEFINITION

1TSINH0
SIDE 1, TEST SET INHIBIT
1TSREL0
SIDE 1, TEST SET RELEASE
1UABEN0
SIDE 1, UPDATE ADDRESS BUS ENABLE
1UDWP0
SIDE 1, DATA WRITE PROTECT ENABLE

1UPACT[0:1]L
SIDE 1, DLI 0 OR 1, ENABLE
1UPCK[0:1]L
SIDE 1, DLI CONTROL CHANNEL CLOCK TO DLI 0 OR 1
1UPDATE0
SIDE 1, UPDATE
1UPGQ[0:1]L
SIDE 1, DLI 0 OR 1, GO SIGNAL

1UPTMD[0:1]A
SIDE 1, SDLC DATA TO DLI 0 OR 1
1UPTMD[0:1]B
SIDE 1, SDLC DATA TO DLI 0 OR 1
1UPTMP[0:1]A
SIDE 1, SDLC PARITY TO DLI 0 OR 1
1UPTMP[0:1]B
SIDE 1, SDLC PARITY TO DLI 0 OR 1

1UPTRD[0:1]L
SIDE 1, DLI 0 OR 1, GONTROL CHANNEL DATA OUT
1UTWP0
SIDE 1, TEXT WRITE PROTECT ENABLE
1VALOP0
SIDE 1, INVALID OPERATION
1WB00
SIDE 1, BYTE WRITE ENABLE

1WDPERR0
SIDE 1, WRITE DATA PARITY ERROR
1WH0
SIDE 1, HAMMING WRITE ENABLE
1WPERR0
SIDE 1, WRITE PROTECT ERROR
1WPINH0
SIDE 1, TEST POINT

1WREN0
SIDE 1, WRITE ENABLE
1WTERR0
SIDE 1, WAIT ERROR
1XPRST0
SIDE 1, EXTERNAL POWER ON RESET
BOE0
BUFFERED OUTPUT ENABLE

EUB0
EXPANDED UPDATE BUS
EXTRA[1:3]
EXTRA NET 1 THRU 3, BETWEEN SOFTWARE TEST SYSTEM
(STS AND FIELD TEST SET (STS)

GRD
GROUND

PI48RTER
-48 VOLT RETURN, TN878 (FAST PUMP)

PIN0M
PAUSE IN MINUS
PIN0P
PAUSE OUT PLUS
POUTM
PAUSE OUT MINUS
POUTP
PAUSE OUT PLUS

RESETSU0
RESET SLAVE NON-INTERFERING UNIT
SPARE[00:03]
SPARE NETS
SPARE[10:46]
SPARE NETS
SPARE[55:61]
SPARE NETS

SPARE[91:97]
SPARE NETS
SPARE108
SPARE NET
SPARE110
SPARE NET
SPARE119
SPARE NET

SPARE[121:147]
SPARE NETS
SPARE[150:153]
SPARE NETS
SPARE166
SPARE NET
SPARE[200:201]
SPARE NETS

SPARE[261:262]
SPARE NETS
TERRCV
TERMINAL RECEIVE
TERTNS
TERMINAL TRANSMIT
TESTPT01
TEST POINT

TESTPT05
TEST POINT
TESTPT[07:08]
TEST POINTS
TESTPT[13:14]
TEST POINTS
TESTPT[16:18]
TEST POINTS

TESTPT22
TEST POINT
TESTPT[24:25]
TEST POINTS
TSCLOCK
TEST SET CLOCK
TSFC[0:2]
TEST FUNCTION CODE 0 THRU 2

TSRD0
TEST SET READ
TSWR0
TEST SET WRITE
UA[1:26]
UPDATE ADDRESS BITS 1 THRU 26
UADCLKB
UPDATE ADDRESS CLOCK

DESIG

DEFINITION

UBHE0
UPDATE BYTE HIGH ENABLE
UBLE0
UPDATE BYTE LOW ENABLE
UD[0:15]
UPDATE BUS BITS 0 THRU 15
UEAPAR
UPDATE EXTENDED ADDRESS PARITY

UHAPAR
UPDATE HIGH ADDRESS PARITY
UHDPAR
UPDATE HIGH DATA PARITY
ULAPAR
UPDATE LOWER ADDRESS PARITY
ULDPAR
UPDATE LOW DATA PARITY

UNRCV
UNIX RECEIVE
UNTNS
UNIX TRANSMIT
URD0
UPDATE READ
UWAIT0
UPDATE WAIT
UWR0
UPDATE WRITE

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SWITCHING MODULE PROCESSOR UNIT, MODEL 2	DWG SIZE	ISSUE
	C2	21B
AT&T	SD-5D129-01	
	SHEET A4	

4 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
-4804TER	E7	01-100-1B0	2	P	PWR2	B16/B2	
-4804TER	E7	01-100-1B0	3	P	PWR3	B16/B2	
-4804TER	E7	01-100-1B0	4	P	PWR4	B16/B2	
-4804TER	BTSR	04-100	000	I	-48V	B15/F3	
-4804TER	BTSR	04-100	001	I	-48V	B15/F3	
-5VTER	04-082	04-082	010	P		B19/B1	*
-5VTER	04-082	04-082	011	P		B19/B1	*
014MC15N	BTSR	04-100	156	I	04MCN	B15/F3	
014MC15P	BTSR	04-100	056	I	04MCP	B15/F3	
018KS15N	BTSR	04-100	155	I	08KSN	B15/F3	
018KS15P	BTSR	04-100	055	I	08KSP	B15/F3	
01PBI15N	BTSR	04-100	154	O	0PBON	B15/F3	
01PBI15P	BTSR	04-100	054	O	0PBOP	B15/F3	
01PBO15N	BTSR	04-100	153	O	0PBIN	B15/F3	
01PBO15P	BTSR	04-100	053	I	0PBIP	B15/F3	
0A02I0	OMEM5	04-022	233	I	A02I0	B11/H7	
0A02I0	OMEM4	04-028	233	I	A02I0	B11/H6	
0A02I0	OMEM3	04-034	233	I	A02I0	B11/H4	
0A02I0	OMEM2	04-040	233	I	A02I0	B11/H2	
0A02I1	OMEM5	04-022	235	I	A02I1	B11/H7	
0A02I1	OMEM4	04-028	235	I	A02I1	B11/H6	
0A02I1	OMEM3	04-034	235	I	A02I1	B11/H4	
0A02I1	OMEM2	04-040	235	I	A02I1	B11/H2	
0A02I1	04-045	04-045	038	IO		B5/C1	*
0A02I1	OMEM1	04-046	235	I	A02I1	B11/H0	
0A02I1	OMPDMC	04-052	013	O	A2I1	B5/H3	*
0A02IB0	04-045	04-045	003	IO		B5/C2	*
0A02IB0	OMPDMC	04-052	008	O	A02IB0	B5/H3	*
0A02IB1	04-045	04-045	049	IO		B5/C5	*
0A02IB1	OMPDMC	04-052	207	O	A02IB1	B5/H3	*
0A03I1	OMEM5	04-022	339	I	A03I1	B11/H7	
0A03I1	OMEM4	04-028	339	I	A03I1	B11/H6	
0A03I1	OMEM3	04-034	339	I	A03I1	B11/H4	
0A03I1	OMEM2	04-040	339	I	A03I1	B11/H2	
0A03I1	04-045	04-045	045	IO		B5/C1	*
0A03I1	OMEM1	04-046	339	I	A03I1	B11/H0	
0A03I1	OMPDMC	04-052	312	O	A3I1	B5/H3	*
0A04I1	OMEM5	04-022	241	I	A04I1	B11/H7	
0A04I1	OMEM4	04-028	241	I	A04I1	B11/H6	
0A04I1	OMEM3	04-034	241	I	A04I1	B11/H4	
0A04I1	OMEM2	04-040	241	I	A04I1	B11/H2	
0A04I1	04-045	04-045	047	IO		B5/C1	*
0A04I1	OMEM1	04-046	241	I	A04I1	B11/H0	
0A04I1	OMPDMC	04-052	212	O	A4I1	B5/H3	*
0A05I1	OMEM5	04-022	341	I	A05I1	B11/H7	
0A05I1	OMEM4	04-028	341	I	A05I1	B11/H6	
0A05I1	OMEM3	04-034	341	I	A05I1	B11/H4	
0A05I1	OMEM2	04-040	341	I	A05I1	B11/H2	
0A05I1	04-045	04-045	046	IO		B5/C1	*
0A05I1	OMEM1	04-046	341	I	A05I1	B11/H0	
0A05I1	OMPDMC	04-052	208	O	A5I1	B5/H3	*
0A06I1	OMEM5	04-022	342	I	A06I1	B11/H7	
0A06I1	OMEM4	04-028	342	I	A06I1	B11/H6	
0A06I1	OMEM3	04-034	342	I	A06I1	B11/H4	
0A06I1	OMEM2	04-040	342	I	A06I1	B11/H2	
0A06I1	04-045	04-045	048	IO		B5/C1	*
0A06I1	OMEM1	04-046	342	I	A06I1	B11/H0	
0A06I1	OMPDMC	04-052	108	O	A6I1	B5/H3	*
0A07I1	OMEM5	04-022	317	I	A07I1	B11/H7	
0A07I1	OMEM4	04-028	317	I	A07I1	B11/H6	
0A07I1	OMEM3	04-034	317	I	A07I1	B11/H4	
0A07I1	OMEM2	04-040	317	I	A07I1	B11/H2	
0A07I1	04-045	04-045	014	IO		B5/C1	*
0A07I1	OMEM1	04-046	317	I	A07I1	B11/H0	
0A07I1	OMPDMC	04-052	311	O	A7I1	B5/H3	*
0A08I1	OMEM5	04-022	318	I	A08I1	B11/H7	
0A08I1	OMEM4	04-028	318	I	A08I1	B11/H6	
0A08I1	OMEM3	04-034	318	I	A08I1	B11/H4	
0A08I1	OMEM2	04-040	318	I	A08I1	B11/H2	
0A08I1	04-045	04-045	015	IO		B5/C1	*
0A08I1	OMEM1	04-046	318	I	A08I1	B11/H0	
0A08I1	OMPDMC	04-052	211	O	A8I1	B5/H3	*
0A09I1	OMEM5	04-022	219	I	A09I1	B11/H7	
0A09I1	OMEM4	04-028	219	I	A09I1	B11/H6	
0A09I1	OMEM3	04-034	219	I	A09I1	B11/H4	

5 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
0A09I1	OMEM2	04-040	219	I	A09I1	B11/H2	
0A09I1	04-045	04-045	017	IO		B5/C1	*
0A09I1	OMEM1	04-046	219	I	A09I1	B11/H0	
0A09I1	OMPDMC	04-052	111	O	A9I1	B5/H3	*
0A10I1	OMEM5	04-022	332	I	A10I1	B11/H7	
0A10I1	OMEM4	04-028	332	I	A10I1	B11/H6	
0A10I1	OMEM3	04-034	332	I	A10I1	B11/H4	
0A10I1	OMEM2	04-040	332	I	A10I1	B11/H2	
0A10I1	04-045	04-045	034	IO		B5/C1	*
0A10I1	OMEM1	04-046	332	I	A10I1	B11/H0	
0A10I1	OMPDMC	04-052	011	O	A10I1	B5/H3	*
0A11I1	OMEM5	04-022	333	I	A11I1	B11/H7	
0A11I1	OMEM4	04-028	333	I	A11I1	B11/H6	
0A11I1	OMEM3	04-034	333	I	A11I1	B11/H4	
0A11I1	OMEM2	04-040	333	I	A11I1	B11/H2	
0A11I1	04-045	04-045	035	IO		B5/C1	*
0A11I1	OMEM1	04-046	333	I	A11I1	B11/H0	
0A11I1	OMPDMC	04-052	310	O	A11I1	B5/H3	*
0A12I1	OMEM5	04-022	335	I	A12I1	B11/H7	
0A12I1	OMEM4	04-028	335	I	A12I1	B11/H6	
0A12I1	OMEM3	04-034	335	I	A12I1	B11/H4	
0A12I1	OMEM2	04-040	335	I	A12I1	B11/H2	
0A12I1	04-045	04-045	037	IO		B5/C1	*
0A12I1	OMEM1	04-046	335	I	A12I1	B11/H0	
0A12I1	OMPDMC	04-052	110	O	A12I1	B5/H3	*
0A13I1	OMEM5	04-022	336	I	A13I1	B11/H7	
0A13I1	OMEM4	04-028	336	I	A13I1	B11/H6	
0A13I1	OMEM3	04-034	336	I	A13I1	B11/H4	
0A13I1	OMEM2	04-040	336	I	A13I1	B11/H2	
0A13I1	04-045	04-045	040	IO		B5/C1	*
0A13I1	OMEM1	04-046	336	I	A13I1	B11/H0	
0A13I1	OMPDMC	04-052	010	O	A13I1	B5/H3	*
0A14I1	OMEM5	04-022	237	I	A14I1	B11/H7	
0A14I1	OMEM4	04-028	237	I	A14I1	B11/H6	
0A14I1	OMEM3	04-034	237	I	A14I1	B11/H4	
0A14I1	OMEM2	04-040	237	I	A14I1	B11/H2	
0A14I1	04-045	04-045	041	IO		B5/C1	*
0A14I1	OMEM1	04-046	237	I	A14I1	B11/H0	
0A14I1	OMPDMC	04-052	309	O	A14I1	B5/H3	*
0A15I1	OMEM5	04-022	338	I	A15I1	B11/H7	
0A15I1	OMEM4	04-028	338	I	A15I1	B11/H6	
0A15I1	OMEM3	04-034	338	I	A15I1	B11/H4	
0A15I1	OMEM2	04-040	338	I	A15I1	B11/H2	
0A15I1	04-045	04-045	043	IO		B5/C1	*
0A15I1	OMEM1	04-046	338	I	A15I1	B11/H0	
0A15I1	OMPDMC	04-052	209	O	A15I1	B5/H3	*
0A16I1	OMEM5	04-022	217	I	A16I1	B11/H7	
0A16I1	OMEM4	04-028	217	I	A16I1	B11/H6	
0A16I1	OMEM3	04-034	217	I	A16I1	B11/H4	
0A16I1	OMEM2	04-040	217	I	A16I1	B11/H2	
0A16I1	04-045	04-045	013	IO		B5/C1	*
0A16I1	OMEM1	04-046	217	I	A16I1	B11/H0	
0A16I1	OMPDMC	04-052	109	O	A16I1	B5/H3	*
0A17I1	OMEM5	04-022	213	I	A17I1	B11/H7	
0A17I1	OMEM4	04-028	213	I	A17I1	B11/H6	
0A17I1	OMEM3	04-034	213	I	A17I1	B11/H4	
0A17I1	OMEM2	04-040	213	I	A17I1	B11/H2	
0A17I1	04-045	04-045	008	IO		B5/C1	*
0A17I1	OMEM1	04-046	213	I	A17I1	B11/H0	
0A17I1	OMPDMC	04-052	009	O	A17I1	B5/H3	*
0A18I1	OMEM5	04-022	209	I	A18I1	B11/H7	
0A18I1	OMEM4	04-028	209	I	A18I1	B11/H6	
0A18I1	OMEM3	04-034	209	I	A18I1	B11/H4	
0A18I1	OMEM2	04-040	209	I	A18I1	B11/H2	
0A18I1	04-045	04-045	007	IO		B5/C1	*
0A18I1	OMEM1	04-046	209	I	A18I1	B11/H0	
0A18I1	OMPDMC	04-052	308	O	A18I1	B5/H3	*
0A1920I0	OMEM5	04-022	019	I	A19I0	B11/H7	
0A1920I0	OMEM4	04-028	019	I	A19I0	B11/H6	
0A1920I0	OMEM3	04-034	019	I	A19I0	B11/H4	
0A1920I0	OMEM2	04-040	019	I	A19I0	B11/H2	
0A1920I0	04-045	04-045	016	IO		B5/C2	*
0A1920I0	OMEM1	04-046	019	I	A19I0	B11/H0	
0A1920I0	OMPDMC	04-052	124	O	A1921I0	B5/H3	*
0A19I1	OMEM5	04-022	037	I	A19I1	B11/H7	
0A19I1	OMEM4	04-028	037	I	A19I1	B11/H6	
0A19I1	OMEM3	04-034	037	I	A19I1	B11/H4	
0A19I1	OMEM2	04-040	037	I	A19I1	B11/H2	
0A19I1	04-045	04-045	042	IO		B5/C1	*
0A19I1	OMEM1	04-046	037	I	A19I1	B11/H0	
0A19I1	OMPDMC	04-052	224	O	A19I1	B5/H3	*
0A20I1	OMEM5	04-022	017	I	A20I1	B11/H7	
0A20I1	OMEM4	04-028	017	I	A20I1	B11/H6	

6 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
0A20I1	OMEM3	04-034	017	I	A20I1	B11/H4	
0A20I1	OMEM2	04-040	017	I	A20I1	B11/H2	
0A20I1	04-045	04-045	011	IO		B5/C1	*
0A20I1	OMEM1	04-046	017	I	A20I1	B11/H0	
0A20I1	OMPDMC	04-052	024	O	A20I1	B5/H3	*
0A21I1	OMEM5	04-022	355	IO	0A2	B11/H7	
0A21I1	OMEM4	04-028	355	IO	0A2	B11/H6	
0A21I1	OMEM3	04-034	355	IO	0A2	B11/H4	
0A21I1	04-039	04-039	035	IO		B11/B8	*
0A21I1	OMEM2	04-040	355	IO	0A2	B11/H2	
0A21I1	OMEM1	04-046	355	IO	0A2	B11/H0	
0A21I1	OMPDMC	04-052	154	I	4MB0	B5/H3	
0ABORT0	OMPS	04-070	006	O	ABORT0	B1/H2	
0ABORT0	OMPC	04-076	308	I	ABORT0	B2/F2	
0ADPC00	OMEM5	04-022	114	O	ADPC00	B11/H7	
0ADPC00	OMEM4	04-028	114	O	ADPC00	B11/H6	
0ADPC00	OMEM3	04-034	114	O	ADPC00	B11/H4	
0ADPC00	OMEM2	04-040	114	O	ADPC00	B11/H2	
0ADPC00	04-045	04-045	009	IO		B5/G4	*
0ADPC00	OMEM1	04-046	114	O	ADPC00	B11/H0	*
0ADPC00	OMPDMC	04-052	132	I	ADPC00	B5/H3	
0ADPRO0	OMEM5	04-022	215	O	ADPRO0	B11/H7	
0ADPRO0	OMEM4	04-028	215	O	ADPRO0	B11/H6	
0ADPRO0	OMEM3	04-034	215	O	ADPRO0	B11/H4	
0ADPRO0	OMEM2	04-040	215	O	ADPRO0	B11/H2	
0ADPRO0	04-045	04-045	010	IO		B5/G4	*
0ADPRO0	OMEM1	04-046	215	O	ADPRO0	B11/H0	*
0ADPRO0	OMPDMC	04-052	232	I	ADPRO0	B5/H3	
0AFF0	0ROMRAM	04-058	323	I	AFF0	B4/H2	
0AFF0	0MPCOM	04-064	323	O	AFF0	B3/G3	
0AFF0	0MPS	04-070	306	I	AFF0	B1/H2	
0AFF0	0MPC	04-076	209	I	AFF0	B2/F2	
0AFF0	04-082	04-082	006	IO		B2/G4	*
0AIO1	OMPDMC	04-052	155	I	AIO1	B5/H3	
0AIO1	0ROMRAM	04-058	255	I	AIO1	B4/H2	
0AIO1	0MPCOM	04-064	254	I	AIO1	B3/G3	
0AIO1	0MPS	04-070	307	O	AIO1	B1/H2	
0AIO1	0MPC	04-076	207	I	AIO1	B2/F2	
0AIO1	04-082	04-082	120	IO		B2/G4	*
0ALCPI0P	0ROMRAM	04-058	345	I	IDLI0A0	B4/H2	
0ALCPI0P	04-063	04-063	011	IO		B4/G2	*
0ALCPI1P	04-125	04-125	011	IO		B9/G1	*
0ALCPI1P	1ROMRAM	04-126	345	I	IDLI0A0	B9/H2	*
0ALRMD0P	04-063	04-063	043	IO		B3/G3	*
0ALRMD0P	0MPCOM	04-064	256	I	0ADLIRC	B3/G3	*
0ALRMD1P	1MPCOM	04-120	256	IO	0ADLIRC	B8/F3	*
0ALRMD1P	04-125	04-125	043	I		B8/G2	*
0ALRMP0P	04-063	04-063	042	IO		B3/G3	*
0ALRMP0P	0MPCOM	04-064	022	I	0APARI	B3/G3	*
0ALRMP1P	1MPCOM	04-120	022	I	0APARI	B8/F3	*
0ALRMP1P	04-125	04-125	042	IO		B8/G2	*
0B0DLCK	0ROMRAM	04-058	052	I	0DLICK	B4/H2	
0B0DLCK	0MPCOM	04-064	319	O	B0DLCK	B3/G3	
0B0PARCK	0ROMRAM	04-058	244	I	1DLI0CK	B4/H2	
0B0PARCK	0MPCOM	04-064	216	O	B0PARCK	B3/G3	
0B1DLCK	0ROMRAM	04-058	156	I	1DLICK	B4/H2	
0B1DLCK	0MPCOM	04-064	317	O	B1DLCK	B3/G3	
0B1PARCK	0ROMRAM	04-058	144	I	1DLI1CK	B4/H2	
0B1PARCK	0MPCOM	04-064	214	O	B1PARCK	B3/G3	

7 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OBLCP10P	OROMRAM	04-058	245	I	IDLIOB0	B4/H2	B4/G2 *
	04-063	04-063	010	IO			
OBLCF11P	04-125	04-125	010	IO		B9/G1	B9/H2 *
	OBLCF11P	1ROMRAM	04-126	I	IDLIOB0		
OBLKINT1	OMPS	04-070	352	I	BLKINT1	B1/H2	B2/F2
	OBLKINT1	OMPC	04-076	O	BLKINT1		
OBLRMD0P	04-063	04-063	041	IO		B3/G3	B3/G3 *
	OBLRMD0P	OMPCOM	04-064	I	OBDLIRC		
OBLRMD1P	1MPCOM	04-120	156	I	OBDLIRC	B8/F3	B8/G1 *
	OBLRMD1P	04-125	041	IO			
OBLRMP0P	04-063	04-063	040	IO		B3/G3	B3/G3 *
	OBLRMP0P	OMPCOM	04-064	I	OBPARI		
OBLRMP1P	1MPCOM	04-120	018	I	OBPARI	B8/F3	B8/G1 *
	OBLRMP1P	04-125	040	IO			
OBPFA0	OROMRAM	04-058	242	I	BPFA0	B4/H2	B4/G2 *
	OBPFA0	04-087	038	IO			
OBPS1	OMPCOM	04-064	203	I	SENSE1	B3/G3	B3/G4 *
	OBPS1	04-082	04-082	133	IO		
OBPS2	OMPCOM	04-064	103	I	SENSE2	B3/G3	B3/G4 *
	OBPS2	04-082	04-082	134	IO		
OBREAK0	OMPCOM	04-064	207	O	BREAK0	B3/G3	B1/H2
	OBREAK0	OMPS	04-070	I	XERR0		
OBSYBIT0	OROMRAM	04-058	049	I	IN2	B4/H2	B15/F3
	OBSYBIT0	BTSR	04-100	O	OBSYBIT0		
OBTPASS0	OROMRAM	04-058	249	I	IN3	B4/H2	B15/F3
	OBTPASS0	BTSR	04-100	O	OBTPASS0		
OBTPRS0	OROMRAM	04-058	347	I	IN0	B4/H2	B15/F3
	OBTPRS0	BTSR	04-100	O	OBTPRS0		
OBTSRST0	OMPS	04-070	009	O	BTSRST0	B1/H2	B15/F3
	OBTSRST0	BTSR	04-100	I	OBTSRST0		
OBTSSSEL0	OMPS	04-070	109	O	BTSSELO	B1/H2	B2/F2
	OBTSSSEL0	OMPC	04-076	I	BTSSELO		
OBUSERR0	OMPS	04-070	153	O	BUSERR0	B1/H2	B2/F2
	OBUSERR0	OMPC	04-076	I	BUSERR0		
OBUSGTA0	OMPCOM	04-064	206	I	SBUSGTO	B3/G3	B1/H2
	OBUSGTA0	OMPS	04-070	I	SBUSGTA0		
OBUSGTA0	OMPC	04-076	008	O	BUSGTA0	B2/F2	
OBUSZS0	OROMRAM	04-058	348	I	IN1	B4/H2	B15/F3
	OBUSZS0	BTSR	04-100	O	OBUSZS0		
OC+CP04L	MEMMP0C	04-016	017	I	CP (+)	B13/F4	B11/H7
	OC+CP04L	MEMM5	04-022	144	IO	PCURSPR	
OC+CP04L	MEMM4	04-028	144	IO	PCURSPR	B11/H6	B11/H4
	OC+CP04L	MEMM3	04-034	144	IO	PCURSPR	
OC+CP04L	MEMM2	04-040	144	IO	PCURSPR	B11/H2	B11/H0
	OC+CP04L	MEMM1	04-046	144	IO	PCURSPR	
OC+CP04L	OMPDMC	04-052	112	O	+CURPR	B5/H3	B4/H2
	OC+CP04L	OROMRAM	04-058	112	O	+CURPR	
OC+CP04L	OMPCOM	04-064	112	O	+CURPR	B3/G3	B1/H2
	OC+CP04L	OMPS	04-070	112	O	+CURPR	
OC+CP04L	OMPC	04-076	112	O	+CURPR	B2/F2	
OC-CP04L	MEMMP0C	04-016	117	I	CP (-)	B13/F4	B11/H7
	OC-CP04L	MEMM5	04-022	146	IO	NCURPR	
OC-CP04L	MEMM4	04-028	146	IO	NCURPR	B11/H6	B11/H4
	OC-CP04L	MEMM3	04-034	146	IO	NCURPR	
OC-CP04L	MEMM2	04-040	146	IO	NCURPR	B11/H2	B11/H0
	OC-CP04L	MEMM1	04-046	146	IO	NCURPR	
OC-CP04L	OMPDMC	04-052	012	O	-CURPR	B5/H3	B4/H2
	OC-CP04L	OROMRAM	04-058	012	O	-CURPR	
OC-CP04L	OMPCOM	04-064	012	O	-CURPR	B3/G3	B1/H2
	OC-CP04L	OMPS	04-070	012	O	-CURPR	
OC-CP04L	OMPC	04-076	012	O	-CURPR	B2/F2	
OC48R04L	01-015	01-015	0B0	P		B16/B0	B16/B0 *
	OC48R04L	E1	01-015-0B0	1	P	PWR1	
OC48R04L	E1	01-015-0B0	2	P	PWR2	B16/B0	B16/B0 *
	OC48R04L	E1	01-015-0B0	3	P	PWR3	
OC48R04L	E1	01-015-0B0	4	P	PWR4	B16/B0	B13/F4
	OC48R04L	MEMMP0C	04-016	003	G	VIN(+)	
OC48R04L	MEMMP0C	04-016	004	G	VIN(+)	B13/F4	B13/F4 *
	OC48R04L	MEMMP0C	04-016	005	G	VIN(+)	
OC48R04L	MEMMP0C	04-016	102	G	VIN(+)	B13/F4	B13/F4 *
	OC48R04L	MEMMP0C	04-016	103	G	VIN(+)	
OC48R04L	MEMMP0C	04-016	104	G	VIN(+)	B13/F4	B13/F4 *
	OC48R04L	MEMMP0C	04-016	203	G	VIN(+)	
OC48R04L	MEMMP0C	04-016	204	G	VIN(+)	B13/F4	

8 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OC48R04L	MEMMP0C	04-016	205	G	VIN(+)	B13/F4	B13/F4 *
	OC48R04L	MEMMP0C	04-016	302	G	VIN(+)	
OC48R04L	MEMMP0C	04-016	303	G	VIN(+)	B13/F4	B13/F4 *
	OC48R04L	MEMMP0C	04-016	304	G	VIN(+)	
OCALM	MEMMP0C	04-016	014	O	ALM2	B13/F4	B13/D3 *
	OCALM	04-057	045	IO			
OCALM	04-057	04-057	046	IO		B13/D3	B13/F4 *
	OCALMP	MEMMP0C	04-016	113	I	ALM1	
OCALMP	04-057	04-057	047	IO		B13/F3	B13/F3 *
	OCALMP	04-057	048	IO			
OCFLY0	OMPDMC	04-052	305	O	CFLY0	B5/H3	B3/G3
	OCFLY0	OMPCOM	04-064	I	CFLY0		
OCCOOS04L	MEMMP0C	04-016	015	O	OOS(+)	B13/F4	B13/C3 *
	OCCOOS04L	04-057	052	IO			
OCCOOS0D	04-057	04-057	019	IO		B4/B2	B4/H2 *
	OCCOOS0D	OROMRAM	04-058	O	SSCOOSDLI		
OCCOOS1C	OROMRAM	04-058	207	O	OCCOOSCON	B4/H2	B4/B2 *
	OCCOOS1C	04-131	037	IO			
OCCOOS1D	OROMRAM	04-058	006	O	OCCOOSDLI	B4/H2	B4/B2 *
	OCCOOS1D	04-131	019	IO			
OCCOOS48P	MEMMP0C	04-016	115	I	OOS(-)	B13/F4	B13/F3 *
	OCCOOS48P	04-057	053	IO			
OCPFFINT0	OMPDMC	04-052	055	O	CPFFINT0	B5/H3	B3/G3
	OCPFFINT0	OMPCOM	04-064	I	CPFFINT0		
OCPFFINT0	OMPS	04-070	051	I	CPFFINT0	B1/H2	B4/H2
	OCPIINT0	OROMRAM	04-058	O	CPIINT0		
OCPIINT0	OMPCOM	04-064	108	I	CPIINT0	B3/G3	B4/B2 *
	OCRQIP0C	04-057	038	IO		B4/B2	
OCRQIP0C	OROMRAM	04-058	010	O	SSRQPCON	B4/H2	B4/B2 *
	OCRQIP0D	04-057	020	IO		B4/B2	
OCRQIP0D	OROMRAM	04-058	009	O	SSRQPDLI	B4/H2	B4/B2 *
	OCRQIP1C	OROMRAM	04-058	O	OSRQPCON	B4/H2	B4/B2 *
OCRQIP1C	04-131	04-131	038	IO			
OCRQIP1D	OROMRAM	04-058	005	O	OSRQPDLI	B4/H2	B4/B2 *
	OCRQIP1D	04-131	020	IO			
OCS1	MEMMP0C	04-016	011	I	RS1	B13/F4	B13/F3 *
	OCS1	04-057	049	IO			
OCS2	MEMMP0C	04-016	110	I	RS2	B13/F4	B13/F3 *
	OCS2	04-057	050	IO			
OCS3	MEMMP0C	04-016	109	I	RS3	B13/F4	B13/F3 *
	OCS3	04-057	051	IO			
OCS04L	MEMMP0C	04-016	018	I	SA(+)	B13/F4	B13/F4
	OCS04L	MEMMP0C	04-016	019	I	SC(+)	
OCS04L	MEMMP0C	04-057	037	IO		B4/G1	B4/H2 *
	OCS04L	OROMRAM	04-058	I	SSSCXCON		
OCS04L	MEMMP0C	04-057	032	IO		B9/G1	B9/H2 *
	OCS04L	1ROMRAM	04-126	I	OSSCXCON		
OCS04L	MEMMP0C	04-057	033	IO		B9/G1	B9/H2 *
	OCS04L	1ROMRAM	04-126	I	OSSCYCON		
OCS04L	MEMMP0C	04-057	039	IO		B4/G1	B4/H2 *
	OCS04L	OROMRAM	04-058	I	SSSCZCON		
OCS04L	MEMMP0C	04-057	036	IO		B9/G1	B9/H2 *
	OCS04L	1ROMRAM	04-126	I	OSSCZCON		
OD00B1	MEMM5	04-022	344	O	D00B0	B11/H7	B11/H6
	OD00B1	MEMM4	04-028	O	D00B0		
OD00B1	MEMM3	04-034	344	O	D00B0	B11/H4	B11/B0 *
	OD00B1	04-039	040	IO			
OD00B1	MEMM2	04-040	344	O	D00B0	B11/H2	B11/H0 *
	OD00B1	MEMM1	04-046	O	D00B0		
OD00B1	OMPDMC	04-052	250	IO	D00B1	B5/H3	B11/H7
	OD01B1	MEMM5	04-022	O	D01B0		
OD01B1	MEMM4	04-028	347	O	D01B0	B11/H6	B11/H4
	OD01B1	MEMM3	04-034	O	D01B0		
OD01B1	04-039	04-039	045	IO		B11/B0	B11/H2 *
	OD01B1	MEMM2	04-040	O	D01B0		
OD01B1	MEMM1	04-046	347	O	D01B0	B11/H0	B5/H3
	OD01B1	OMPDMC	04-052	IO	D01B1		
OD02B1	MEMM5	04-022	350	O	D02B0	B11/H7	B11/H6
	OD02B1	MEMM4	04-028	O	D02B0		

9	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
OD02B1	MEMM3	04-034	350		O	D02B0	B11/H4	
OD02B1	04-039	04-039	049		IO		B11/B0	*
OD02B1	MEMM2	04-040	350		O	D02B0	B11/H2	
OD02B1	MEMM1	04-046	350		O	D02B0	B11/H0	*
OD02B1	OMFDMC	04-052	349		IO	D02B1	B5/H3	
OD03B1	MEMM5	04-022	353		O	D03B0	B11/H7	
OD03B1	MEMM4	04-028	353		O	D03B0	B11/H6	
OD03B1	MEMM3	04-034	353		O	D03B0	B11/H4	
OD03B1	04-039	04-039	053		IO		B11/B0	*
OD03B1	MEMM2	04-040	353		O	D03B0	B11/H2	
OD03B1	MEMM1	04-046	353		O	D03B0	B11/H0	*
OD03B1	OMFDMC	04-052	249		IO	D03B1	B5/H3	
OD04B1	MEMM5	04-022	301		O	D04B0	B11/H7	
OD04B1	MEMM4	04-028	301		O	D04B0	B11/H6	
OD04B1	MEMM3	04-034	301		O	D04B0	B11/H4	
OD04B1	04-039	04-039	000		IO		B11/B0	*
OD04B1	MEMM2	04-040	301		O	D04B0	B11/H2	
OD04B1	MEMM1	04-046	301		O	D04B0	B11/H0	*
OD04B1	OMFDMC	04-052	149		IO	D04B1	B5/H3	
OD05B1	MEMM5	04-022	304		O	D05B0	B11/H7	
OD05B1	MEMM4	04-028	304		O	D05B0	B11/H6	
OD05B1	MEMM3	04-034	304		O	D05B0	B11/H4	
OD05B1	04-039	04-039	004		IO		B11/B0	*
OD05B1	MEMM2	04-040	304		O	D05B0	B11/H2	
OD05B1	MEMM1	04-046	304		O	D05B0	B11/H0	*
OD05B1	OMFDMC	04-052	049		IO	D05B1	B5/H3	
OD06B1	MEMM5	04-022	307		O	D06B0	B11/H7	
OD06B1	MEMM4	04-028	307		O	D06B0	B11/H6	
OD06B1	MEMM3	04-034	307		O	D06B0	B11/H4	
OD06B1	04-039	04-039	008		IO		B11/B0	*
OD06B1	MEMM2	04-040	307		O	D06B0	B11/H2	
OD06B1	MEMM1	04-046	307		O	D06B0	B11/H0	*
OD06B1	OMFDMC	04-052	348		IO	D06B1	B5/H3	
OD07B1	MEMM5	04-022	310		O	D07B0	B11/H7	
OD07B1	MEMM4	04-028	310		O	D07B0	B11/H6	
OD07B1	MEMM3	04-034	310		O	D07B0	B11/H4	
OD07B1	04-039	04-039	013		IO		B11/B0	*
OD07B1	MEMM2	04-040	310		O	D07B0	B11/H2	
OD07B1	MEMM1	04-046	310		O	D07B0	B11/H0	*
OD07B1	OMFDMC	04-052	248		IO	D07B1	B5/H3	
OD08B1	MEMM5	04-022	345		O	D08B0	B11/H7	
OD08B1	MEMM4	04-028	345		O	D08B0	B11/H6	
OD08B1	MEMM3	04-034	345		O	D08B0	B11/H4	
OD08B1	04-039	04-039	042		IO		B11/B0	*
OD08B1	MEMM2	04-040	345		O	D08B0	B11/H2	
OD08B1	MEMM1	04-046	345		O	D08B0	B11/H0	*
OD08B1	OMFDMC	04-052	148		IO	D08B1	B5/H3	
OD09B1	MEMM5	04-022	348		O	D09B0	B11/H7	
OD09B1	MEMM4	04-028	348		O	D09B0	B11/H6	
OD09B1	MEMM3	04-034	348		O	D09B0	B11/H4	
OD09B1	04-039	04-039	047		IO		B11/B0	*
OD09B1	MEMM2	04-040	348		O	D09B0	B11/H2	
OD09B1	MEMM1	04-046	348		O	D09B0	B11/H0	*
OD09B1	OMFDMC	04-052	048		IO	D09B1	B5/H3	
OD10B1	MEMM5	04-022	351		O	D10B0	B11/H7	
OD10B1	MEMM4	04-028	351		O	D10B0	B11/H6	
OD10B1	MEMM3	04-034	351		O	D10B0	B11/H4	
OD10B1	04-039	04-039	051		IO		B11/B0	*
OD10B1	MEMM2	04-040	351		O	D10B0	B11/H2	
OD10B1	MEMM1	04-046	351		O	D10B0	B11/H0	*
OD10B1	OMFDMC	04-052	347		IO	D10B1	B5/H3	
OD11B1	MEMM5	04-022	354		O	D11B0	B11/H7	
OD11B1	MEMM4	04-028	354		O	D11B0	B11/H6	
OD11B1	MEMM3	04-034	354		O	D11B0	B11/H4	
OD11B1	04-039	04-039	055		IO		B11/B0	*
OD11B1	MEMM2	04-040	354		O	D11B0	B11/H2	

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10 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OD11B1	OMEM1	04-046	354	O	D11B0	B11/H0	*
OD11B1	OMPDMC	04-052	247	IO	D11B1	B5/H3	
OD12B1	OMEM5	04-022	302	O	D12B0	B11/H7	
OD12B1	OMEM4	04-028	302	O	D12B0	B11/H6	
OD12B1	OMEM3	04-034	302	O	D12B0	B11/H4	
OD12B1	04-039	04-039	001	IO	B11/B0		*
OD12B1	OMEM2	04-040	302	O	D12B0	B11/H2	
OD12B1	OMEM1	04-046	302	O	D12B0	B11/H0	*
OD12B1	OMPDMC	04-052	147	IO	D12B1	B5/H3	
OD13B1	OMEM5	04-022	305	O	D13B0	B11/H7	
OD13B1	OMEM4	04-028	305	O	D13B0	B11/H6	
OD13B1	OMEM3	04-034	305	O	D13B0	B11/H4	
OD13B1	04-039	04-039	005	IO	B11/B0		*
OD13B1	OMEM2	04-040	305	O	D13B0	B11/H2	
OD13B1	OMEM1	04-046	305	O	D13B0	B11/H0	*
OD13B1	OMPDMC	04-052	346	IO	D13B1	B5/H3	
OD14B1	OMEM5	04-022	308	O	D14B0	B11/H7	
OD14B1	OMEM4	04-028	308	O	D14B0	B11/H6	
OD14B1	OMEM3	04-034	308	O	D14B0	B11/H4	
OD14B1	04-039	04-039	009	IO	B11/B0		*
OD14B1	OMEM2	04-040	308	O	D14B0	B11/H2	
OD14B1	OMEM1	04-046	308	O	D14B0	B11/H0	*
OD14B1	OMPDMC	04-052	246	IO	D14B1	B5/H3	
OD15B1	OMEM5	04-022	311	O	D15B0	B11/H7	
OD15B1	OMEM4	04-028	311	O	D15B0	B11/H6	
OD15B1	OMEM3	04-034	311	O	D15B0	B11/H4	
OD15B1	04-039	04-039	014	IO	B11/B0		*
OD15B1	OMEM2	04-040	311	O	D15B0	B11/H2	
OD15B1	OMEM1	04-046	311	O	D15B0	B11/H0	*
OD15B1	OMPDMC	04-052	146	IO	D15B1	B5/H3	
OD16B1	OMEM5	04-022	045	O	D16B0	B11/H7	
OD16B1	OMEM4	04-028	045	O	D16B0	B11/H6	
OD16B1	OMEM3	04-034	045	O	D16B0	B11/H4	
OD16B1	04-039	04-039	041	IO	B11/B0		*
OD16B1	OMEM2	04-040	045	O	D16B0	B11/H2	
OD16B1	OMEM1	04-046	045	O	D16B0	B11/H0	*
OD16B1	OMPDMC	04-052	046	IO	D16B1	B5/H3	
OD17B1	OMEM5	04-022	048	O	D17B0	B11/H7	
OD17B1	OMEM4	04-028	048	O	D17B0	B11/H6	
OD17B1	OMEM3	04-034	048	O	D17B0	B11/H4	
OD17B1	04-039	04-039	046	IO	B11/B0		*
OD17B1	OMEM2	04-040	048	O	D17B0	B11/H2	
OD17B1	OMEM1	04-046	048	O	D17B0	B11/H0	*
OD17B1	OMPDMC	04-052	345	IO	D17B1	B5/H3	
OD18B1	OMEM5	04-022	051	O	D18B0	B11/H7	
OD18B1	OMEM4	04-028	051	O	D18B0	B11/H6	
OD18B1	OMEM3	04-034	051	O	D18B0	B11/H4	
OD18B1	04-039	04-039	050	IO	B11/B0		*
OD18B1	OMEM2	04-040	051	O	D18B0	B11/H2	
OD18B1	OMEM1	04-046	051	O	D18B0	B11/H0	*
OD18B1	OMPDMC	04-052	245	IO	D18B1	B5/H3	
OD19B1	OMEM5	04-022	054	O	D19B0	B11/H7	
OD19B1	OMEM4	04-028	054	O	D19B0	B11/H6	
OD19B1	OMEM3	04-034	054	O	D19B0	B11/H4	
OD19B1	04-039	04-039	054	IO	B11/B0		*
OD19B1	OMEM2	04-040	054	O	D19B0	B11/H2	
OD19B1	OMEM1	04-046	054	O	D19B0	B11/H0	*
OD19B1	OMPDMC	04-052	145	IO	D19B1	B5/H3	
OD20B1	OMEM5	04-022	002	O	D20B0	B11/H7	
OD20B1	OMEM4	04-028	002	O	D20B0	B11/H6	
OD20B1	OMEM3	04-034	002	O	D20B0	B11/H4	
OD20B1	04-039	04-039	002	IO	B11/B0		*
OD20B1	OMEM2	04-040	002	O	D20B0	B11/H2	
OD20B1	OMEM1	04-046	002	O	D20B0	B11/H0	*
OD20B1	OMPDMC	04-052	045	IO	D20B1	B5/H3	
OD21B1	OMEM5	04-022	005	O	D21B0	B11/H7	
OD21B1	OMEM4	04-028	005	O	D21B0	B11/H6	
OD21B1	OMEM3	04-034	005	O	D21B0	B11/H4	
OD21B1	04-039	04-039	006	IO	B11/B0		*
OD21B1	OMEM2	04-040	005	O	D21B0	B11/H2	
OD21B1	OMEM1	04-046	005	O	D21B0	B11/H0	*
OD21B1	OMPDMC	04-052	244	IO	D21B1	B5/H3	
OD22B1	OMEM5	04-022	008	O	D22B0	B11/H7	
OD22B1	OMEM4	04-028	008	O	D22B0	B11/H6	
OD22B1	OMEM3	04-034	008	O	D22B0	B11/H4	
OD22B1	04-039	04-039	010	IO	B11/B0		*
OD22B1	OMEM2	04-040	008	O	D22B0	B11/H2	
OD22B1	OMEM1	04-046	008	O	D22B0	B11/H0	*
OD22B1	OMPDMC	04-052	144	IO	D22B1	B5/H3	
OD23B1	OMEM5	04-022	011	O	D23B0	B11/H7	
OD23B1	OMEM4	04-028	011	O	D23B0	B11/H6	
OD23B1	OMEM3	04-034	011	O	D23B0	B11/H4	
OD23B1	04-039	04-039	015	IO	B11/B0		*
OD23B1	OMEM2	04-040	011	O	D23B0	B11/H2	

11 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OD23B1	OMEM1	04-046	011	O	D23B0	B11/H0	*
OD23B1	OMPDMC	04-052	044	IO	D23B1	B5/H3	
OD24B1	OMEM5	04-022	046	O	D24B0	B11/H7	
OD24B1	OMEM4	04-028	046	O	D24B0	B11/H6	
OD24B1	OMEM3	04-034	046	O	D24B0	B11/H4	
OD24B1	04-039	04-039	043	IO	B11/B0		*
OD24B1	OMEM2	04-040	046	O	D24B0	B11/H2	
OD24B1	OMEM1	04-046	046	O	D24B0	B11/H0	*
OD24B1	OMPDMC	04-052	343	IO	D24B1	B5/H3	
OD25B1	OMEM5	04-022	049	O	D25B0	B11/H7	
OD25B1	OMEM4	04-028	049	O	D25B0	B11/H6	
OD25B1	OMEM3	04-034	049	O	D25B0	B11/H4	
OD25B1	04-039	04-039	048	IO	B11/B0		*
OD25B1	OMEM2	04-040	049	O	D25B0	B11/H2	
OD25B1	OMEM1	04-046	049	O	D25B0	B11/H0	*
OD25B1	OMPDMC	04-052	243	IO	D25B1	B5/H3	
OD26B1	OMEM5	04-022	052	O	D26B0	B11/H7	
OD26B1	OMEM4	04-028	052	O	D26B0	B11/H6	
OD26B1	OMEM3	04-034	052	O	D26B0	B11/H4	
OD26B1	04-039	04-039	052	IO	B11/B0		*
OD26B1	OMEM2	04-040	052	O	D26B0	B11/H2	
OD26B1	OMEM1	04-046	052	O	D26B0	B11/H0	*
OD26B1	OMPDMC	04-052	143	IO	D26B1	B5/H3	
OD27B1	OMEM5	04-022	055	O	D27B0	B11/H7	
OD27B1	OMEM4	04-028	055	O	D27B0	B11/H6	
OD27B1	OMEM3	04-034	055	O	D27B0	B11/H4	
OD27B1	04-039	04-039	056	IO	B11/B0		*
OD27B1	OMEM2	04-040	055	O	D27B0	B11/H2	
OD27B1	OMEM1	04-046	055	O	D27B0	B11/H0	*
OD27B1	OMPDMC	04-052	043	IO	D27B1	B5/H3	
OD28B1	OMEM5	04-022	003	O	D28B0	B11/H7	
OD28B1	OMEM4	04-028	003	O	D28B0	B11/H6	
OD28B1	OMEM3	04-034	003	O	D28B0	B11/H4	
OD28B1	04-039	04-039	003	IO	B11/B0		*
OD28B1	OMEM2	04-040	003	O	D28B0	B11/H2	
OD28B1	OMEM1	04-046	003	O	D28B0	B11/H0	*
OD28B1	OMPDMC	04-052	342	IO	D28B1	B5/H3	
OD29B1	OMEM5	04-022	006	O	D29B0	B11/H7	
OD29B1	OMEM4	04-028	006	O	D29B0	B11/H6	
OD29B1	OMEM3	04-034	006	O	D29B0	B11/H4	
OD29B1	04-039	04-039	007	IO	B11/B0		*
OD29B1	OMEM2	04-040	006	O	D29B0	B11/H2	
OD29B1	OMEM1	04-046	006	O	D29B0	B11/H0	*
OD29B1	OMPDMC	04-052	242	IO	D29B1	B5/H3	
OD30B1	OMEM5	04-022	009	O	D30B0	B11/H7	
OD30B1	OMEM4	04-028	009	O	D30B0	B11/H6	
OD30B1	OMEM3	04-034	009	O	D30B0	B11/H4	
OD30B1	04-039	04-039	011	IO	B11/B0		*
OD30B1	OMEM2	04-040	009	O	D30B0	B11/H2	
OD30B1	OMEM1	04-046	009	O	D30B0	B11/H0	*
OD30B1	OMPDMC	04-052	142	IO	D30B1	B5/H3	
OD31B1	OMEM5	04-022	012	O	D31B0	B11/H7	
OD31B1	OMEM4	04-028	012	O	D31B0	B11/H6	
OD31B1	OMEM3	04-034	012	O	D31B0	B11/H4	
OD31B1	04-039	04-039	016	IO	B11/B0		*
OD31B1	OMEM2	04-040	012	O	D31B0	B11/H2	
OD31B1	OMEM1	04-046	012	O	D31B0	B11/H0	*
OD31B1	OMPDMC	04-052	042	IO	D31B1	B5/H3	
ODA0	OMEM5	04-022	313	O	DPAB0	B11/H7	
ODA0	OMEM4	04-028	313	O	DPAB0	B11/H6	
ODA0	OMEM3	04-034	313	O	DPAB0	B11/H4	
ODA0	04-039	04-039	019	IO	B11/B6		*
ODA0	OMEM2	04-040	313	O	DPAB0	B11/H2	
ODA0	OMEM1	04-046	313	O	DPAB0	B11/H0	*
ODA0	OMPDMC	04-052	041	IO	DA0	B5/H3	
ODAFF0	OMPS	04-070	347	O	DAFF0	B1/H2	
ODAFF0	04-082	04-082	242	IO		B1/C4	*
ODI00	OMEM5	04-022	014	O	DH00B0	B11/H7	
ODI00	OMEM4	04-028	014	O	DH00B0	B11/H6	
ODI00	OMEM3	04-034	014	O	DH00B0	B11/H4	
ODI00	04-039	04-039	017	IO	B5/C3		*
ODI00	OMEM2	04-040	014	O	DH00B0	B11/H2	
ODI00	OMEM1	04-046	014	O	DH00B0	B11/H0	*
ODI00	OMPDMC	04-052	040	IO	DI00	B5/H3	
ODI10	OMEM5	04-022	314	O	DH01B0	B11/H7	
ODI10	OMEM4	04-028	314	O	DH01B0	B11/H6	
ODI10	OMEM3	04-034	314	O	DH01B0	B11/H4	
ODI10	04-039	04-039	020	IO	B5/C3		*
ODI10	OMEM2	04-040	314	O	DH01B0	B11/H2	
ODI10	OMEM1	04-046	314	O	DH01B0	B11/H0	*
ODI10	OMPDMC	04-052	140	IO	DI10	B5/H3	
ODI20	OMEM5	04-022	039	O	DH02B0	B11/H7	

12 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
ODI20	OMEM4	04-028	039	O	DH02B0	B11/H6	
ODI20	OMEM3	04-034	039	O	DH02B0	B11/H4	
ODI20	04-039	04-039	037	IO		B5/C3	*
ODI20	OMEM2	04-040	039	O	DH02B0	B11/H2	
ODI20	OMEM1	04-046	039	O	DH02B0	B11/H0	*
ODI20	OMFDMC	04-052	240	IO	DI20	B5/H3	
ODI30	OMEM5	04-022	042	O	DH03B0	B11/H7	
ODI30	OMEM4	04-028	042	O	DH03B0	B11/H6	
ODI30	OMEM3	04-034	042	O	DH03B0	B11/H4	
ODI30	04-039	04-039	039	IO		B5/C3	*
ODI30	OMEM2	04-040	042	O	DH03B0	B11/H2	
ODI30	OMEM1	04-046	042	O	DH03B0	B11/H0	*
ODI30	OMFDMC	04-052	340	IO	DI30	B5/H3	
ODMAIN0	OMPCOM	04-064	217	I	DMAIN0	B3/G3	
ODMAIN0	OMPS	04-070	208	O	DMAIN0	B1/H2	
ODMAIN0	OMPC	04-076	153	I	DMAIN0	B2/F2	
ODMARD0	OMPCOM	04-064	106	O	DMARD0	B3/G3	
ODMARD0	OMPC	04-076	204	I	DMARD0	B2/F2	
ODMARQ0	OMPCOM	04-064	345	O	DMARQ0	B3/G3	
ODMARQ0	OMPC	04-076	152	I	BUSRQA0	B2/F2	
ODMAWR0	OMPCOM	04-064	204	O	DMAWR0	B3/G3	
ODMAWR0	OMPC	04-076	104	I	DMAWR0	B2/F2	
ODMB10	OMPS	04-070	045	O	DMB10	B1/H2	
ODMB10	04-082	04-082	240	IO		B1/C3	*
ODMB20	OMPS	04-070	145	O	DMB20	B1/H2	
ODMB20	04-082	04-082	340	IO		B1/C3	*
ODMB30	OMPS	04-070	147	O	DMB30	B1/H2	
ODMB30	04-082	04-082	341	IO		B1/C3	*
ODORRQ0	OMPS	04-070	354	O	DORRQ0	B1/H2	
ODORRQ0	OMPC	04-076	053	I	DORRQ0	B2/F2	
ODPERR0	OMPS	04-070	204	I	DPERR0	B1/H2	
ODPERR0	OMPC	04-076	009	O	DPERR0	B2/F2	
ODSCX0C	04-057	04-057	017	IO		B4/G1	*
ODSCX0C	OROMRAM	04-058	109	I	SSSCXDLI	B4/H2	*
ODSCX1C	04-057	04-057	013	IO		B9/G2	*
ODSCX1C	1ROMRAM	04-126	109	I	SSSCXDLI	B9/H2	*
ODSCY0C	04-057	04-057	018	IO		B4/G1	*
ODSCY0C	OROMRAM	04-058	108	I	SSSCYDLI	B4/H2	*
ODSCY1C	04-057	04-057	014	IO		B9/G2	*
ODSCY1C	1ROMRAM	04-126	108	I	SSSCYDLI	B9/H2	*
ODSOFT20	OMPS	04-070	244	O	DSOFT20	B1/H2	
ODSOFT20	04-082	04-082	239	IO		B1/C4	*
ODTHEN0	OMPS	04-070	048	O	DTHEN0	B1/H2	
ODTHEN0	04-082	04-082	342	IO		B1/C4	*
ODUP0	OMPS	04-070	247	O	DUP0	B1/H2	
ODUP0	04-082	04-082	241	IO		B1/C4	*
ODX0	OMEM5	04-022	015	O	DPXB0	B11/H7	
ODX0	OMEM4	04-028	015	O	DPXB0	B11/H6	
ODX0	OMEM3	04-034	015	O	DPXB0	B11/H4	
ODX0	04-039	04-039	018	IO		B11/B6	*
ODX0	OMEM2	04-040	015	O	DPXB0	B11/H2	
ODX0	OMEM1	04-046	015	O	DPXB0	B11/H0	*
ODX0	OMFDMC	04-052	141	IO	DX0	B5/H3	
ODY0	OMEM5	04-022	040	O	DPYB0	B11/H7	
ODY0	OMEM4	04-028	040	O	DPYB0	B11/H6	
ODY0	OMEM3	04-034	040	O	DPYB0	B11/H4	

13 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
ODY0	04-039	04-039	036	IO			B11/B6 *
ODY0	OMEM2	04-040	040	O	DPYB0		B11/H2
ODY0	OMEM1	04-046	040	O	DPYB0		B11/H0 *
ODY0	OMPDMC	04-052	341	IO	DY0		B5/H3
ODYNSBL1	OMPDMC	04-052	106	I	DYNSBL1		B5/H3
ODYNSBL1	OROMRAM	04-058	153	I	DYNSBL1		B4/H2
ODYNSBL1	OMPS	04-070	310	O	DYNSBL1		B1/H2
ODZ0	OMEM5	04-022	043	O	DPZB0		B11/H7
ODZ0	OMEM4	04-028	043	O	DPZB0		B11/H6
ODZ0	OMEM3	04-034	043	O	DPZB0		B11/H4
ODZ0	04-039	04-039	038	IO			B11/B6 *
ODZ0	OMEM2	04-040	043	O	DPZB0		B11/H2
ODZ0	OMEM1	04-046	043	O	DPZB0		B11/H0 *
ODZ0	OMPDMC	04-052	339	IO	DZ0		B5/H3
OMACT1	OMPDMC	04-052	205	I	EMACT1		B5/H3
OMACT1	OMPC	04-076	208	O	EMACT1		B2/F2
OEXTRA4	04-045	04-045	001	IO			B5/C2 *
OEXTRA4	OMPDMC	04-052	103	O	EXWE10		B5/H3 *
OFA0	OROMRAM	04-058	123	O	FA0		B4/H2
OFA0	OMPCOM	04-064	223	I	FACT0		B3/G3
OFRO	OROMRAM	04-058	122	O	FR0		B4/H2
OFRO	OMPS	04-070	350	I	FORCE0		B1/H2
OFFS0	OROMRAM	04-058	023	IO	CPIWIRE		B4/H2
OFFS0	OMPCOM	04-064	123	I	FINACT0		B3/G3
OFFTEXT0	OMPS	04-070	056	O	FTEXT0		B1/H2
OFFTEXT0	OMPC	04-076	022	I	FTEXT0		B2/F2
OGOIA1	OMEM4	04-028	223	I	GOI1		B11/H6
OGOIA1	OMEM3	04-034	223	I	GOI1		B11/H4
OGOIA1	OMEM2	04-040	223	I	GOI1		B11/H2
OGOIA1	OMEM1	04-046	223	I	GOI1		B11/H0
OGOIA1	OMPDMC	04-052	206	O	GOI1		B5/H3
OGOIC1	04-045	04-045	004	IO			B5/C1 *
OGOIC1	OMPDMC	04-052	307	O	GOIC1		B5/H3 *
OGOID1	04-045	04-045	005	IO			B5/C1 *
OGOID1	OMPDMC	04-052	220	O	GOID1		B5/H3 *
OHAMWIN0	OMPDMC	04-052	032	I	HAMWIN0		B5/H3
OHAMWIN0	OROMRAM	04-058	024	I	HAMWIN0		B4/H2
OHAMWIN0	OMPC	04-076	055	O	HAMWIN0		B2/F2
OINTA0	OMPS	04-070	205	I	INTA0		B1/H2
OINTA0	OMPC	04-076	353	O	INTA0		B2/F2
OINTA40	OMPCOM	04-064	147	I	INTA0		B3/G3
OINTA40	OMPC	04-076	348	O	INTA40		B2/F2
OINTR0	OMPCOM	04-064	122	O	INTR0		B3/G3
OINTR0	OMPC	04-076	124	I	INTR40		B2/F2
OINTR50	OROMRAM	04-058	240	O	INTR50		B4/H2
OINTR50	OMPC	04-076	024	I	INTR50		B2/F2
OIO8SEL1	OMPDMC	04-052	255	I	OIO8SEL1		B5/H3
OIO8SEL1	OROMRAM	04-058	355	I	OIO8SEL1		B4/H2
OIO8SEL1	OMPCOM	04-064	355	I	OIO8SEL1		B3/G3
OIO8SEL1	OMPS	04-070	011	O	OIO8SEL1		B1/H2
OIO8SEL1	04-082	04-082	124	IO			B1/C4 *
OIOD0	OMPDMC	04-052	051	IO	IOD0		B5/H3
OIOD0	OROMRAM	04-058	248	IO	IOD0		B4/H2
OIOD0	OMPCOM	04-064	248	IO	IOD0		B3/G3
OIOD0	OMPS	04-070	234	IO	IOD0		B1/H2
OIOD0	04-082	04-082	113	IO			B3/C4 *
OIOD1	OMPDMC	04-052	151	IO	IOD1		B5/H3
OIOD1	OROMRAM	04-058	349	IO	IOD1		B4/H2
OIOD1	OMPCOM	04-064	349	IO	IOD1		B3/G3
OIOD1	OMPS	04-070	334	IO	IOD1		B1/H2
OIOD1	04-082	04-082	112	IO			B3/C4 *
OIOD2	OMPDMC	04-052	251	IO	IOD2		B5/H3
OIOD2	OROMRAM	04-058	250	IO	IOD2		B4/H2
OIOD2	OMPCOM	04-064	250	IO	IOD2		B3/G3
OIOD2	OMPS	04-070	333	IO	IOD2		B1/H2
OIOD2	04-082	04-082	111	IO			B3/C4 *
OIOD3	OMPDMC	04-052	351	IO	IOD3		B5/H3
OIOD3	OROMRAM	04-058	350	IO	IOD3		B4/H2
OIOD3	OMPCOM	04-064	350	IO	IOD3		B3/G3
OIOD3	OMPS	04-070	233	IO	IOD3		B1/H2
OIOD3	04-082	04-082	110	IO			B3/C4 *
OIOD4	OMPDMC	04-052	052	IO	IOD4		B5/H3
OIOD4	OROMRAM	04-058	351	IO	IOD4		B4/H2

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LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OIOD4	OMPCOM	04-064	351	IO	IOD4		B3/G3
OIOD4	OMPS	04-070	133	IO	IOD4		B1/H2
OIOD4	04-082	04-082	109	IO			B3/C4 *
OIOD5	OMPDMC	04-052	152	IO	IOD5		B5/H3
OIOD5	OROMRAM	04-058	252	IO	IOD5		B4/H2
OIOD5	OMPCOM	04-064	252	IO	IOD5		B3/G3
OIOD5	OMPS	04-070	033	IO	IOD5		B1/H2
OIOD5	04-082	04-082	108	IO			B3/C4 *
OIOD6	OMPDMC	04-052	252	IO	IOD6		B5/H3
OIOD6	OROMRAM	04-058	352	IO	IOD6		B4/H2
OIOD6	OMPCOM	04-064	352	IO	IOD6		B3/G3
OIOD6	OMPS	04-070	032	IO	IOD6		B1/H2
OIOD6	04-082	04-082	106	IO			B3/C4 *
OIOD7	OMPDMC	04-052	352	IO	IOD7		B5/H3
OIOD7	OROMRAM	04-058	353	IO	IOD7		B4/H2
OIOD7	OMPCOM	04-064	353	IO	IOD7		B3/G3
OIOD7	OMPS	04-070	132	IO	IOD7		B1/H2
OIOD7	04-082	04-082	105	IO			B3/C4 *
OIORD0	OMPDMC	04-052	053	I	IORD0		B5/H3
OIORD0	OROMRAM	04-058	151	I	IORD0		B4/H2
OIORD0	OMPCOM	04-064	151	I	IORD0		B3/G3
OIORD0	OMPS	04-070	232	O	IORD0		B1/H2
OIORD0	04-082	04-082	211	IO			B1/C4 *
OIOWR0	OMPDMC	04-052	153	I	IOWR0		B5/H3
OIOWR0	OROMRAM	04-058	149	I	IOWR0		B4/H2
OIOWR0	OMPCOM	04-064	149	I	IOWR0		B3/G3
OIOWR0	OMPS	04-070	324	O	IOWR0		B1/H2
OIOWR0	04-082	04-082	114	IO			B1/C4 *
OLAB0	OROMRAM	04-058	014	I	LAB0		B4/H2
OLAB0	OMPS	04-070	308	I	LAB0		B1/H2
OLCPCCK0P	04-063	04-063	037	IO			B3/G2 *
OLCPCCK0P	OMPCOM	04-064	020	I	OPARCLK		B3/G3 *
OLCPCCK1P	1MPCOM	04-120	020	I	OPARCLK		B8/F3 *
OLCPCCK1P	04-125	04-125	037	IO			B8/G1 *
OLINTOUP	04-063	04-063	005	IO			B3/G2 *
OLINTOUP	OMPCOM	04-064	341	I	DL0ERR0		B3/G3 *
OLINTIUP	1MPCOM	04-120	341	I	DL0ERR0		B8/F3 *
OLINTIUP	04-125	04-125	005	IO			B8/G1 *
OLMTCK0P	04-063	04-063	038	IO			B3/G2 *
OLMTCK0P	OMPCOM	04-064	054	I	ODLICK		B3/G3 *
OLMTCK1P	1MPCOM	04-120	054	I	ODLICK		B8/F3 *
OLMTCK1P	04-125	04-125	038	IO			B8/G1 *
OLRCDOUP	04-063	04-063	006	IO			B3/G2 *
OLRCDOUP	OMPCOM	04-064	042	I	DLI0IN		B3/G3 *
OLRCD1UP	1MPCOM	04-120	042	I	DLI0IN		B8/F3 *
OLRCD1UP	04-125	04-125	006	IO			B8/G1 *
OMD0	OROMRAM	04-058	341	IO	MD0		B4/H2
OMD0	OMPCOM	04-064	305	I	MD0		B3/G3
OMEMERR0	OMPDMC	04-052	355	O	MEMERR0		B5/H3
OMEMERR0	OMPS	04-070	249	I	MEMERR0		B1/H2
OMESELA0	04-045	04-045	033	IO			B5/C3 *
OMESELA0	OMPDMC	04-052	223	O	SELB50		B5/H3 *
OMESELB0	04-045	04-045	023	IO			B5/C2 *
OMESELB0	OMPDMC	04-052	322	O	SELB60		B5/H3 *
OMESELC0	04-045	04-045	024	IO			B5/C2 *
OMESELC0	OMPDMC	04-052	122	O	SELB70		B5/H3 *
OMESELD0	04-045	04-045	032	IO			B5/C2 *
OMESELD0	OMPDMC	04-052	022	O	SELB80		B5/H3 *
OMESELE0	04-045	04-045	050	IO			B5/C2 *
OMESELE0	OMPDMC	04-052	020	O	SELB90		B5/H3 *
OMESELF0	04-045	04-045	051	IO			B5/C2 *
OMESELF0	OMPDMC	04-052	121	O	SELB100		B5/H3 *
OMESELG0	04-045	04-045	052	IO			B5/C2 *
OMESELG0	OMPDMC	04-052	319	O	SELB110		B5/H3 *
OMESELH0	04-045	04-045	053	IO			B5/C2 *
OMESELH0	OMPDMC	04-052	320	O	SELB120		B5/H3 *
OMESELI0	04-045	04-045	054	IO			B5/C2 *
OMESELI0	OMPDMC	04-052	321	O	SELB130		B5/H3 *
OMESELJ0	04-045	04-045	055	IO			B5/C2 *

15	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
OMESSELJ0	OMPDMC		04-052	323	O	SELB140	B5/H3	*
OMESSELK0	04-045		04-045	056	IO		B5/C2	*
OMESSELK0	OMPDMC		04-052	021	O	SELB150	B5/H3	*
OMONINV0	OMPS		04-070	351	I	MONINV0	B1/H2	
OMONINV0	04-082		04-082	009	IO		B1/G4	*
OMPF0	04-057		04-057	024	IO		B8/G5	*
OMPF0	1MPC		04-108	223	I	MPF0	B7/F3	*
OMPF0	1MPCOM		04-120	140	I	MPF0	B8/F3	
OMWTERR0	OMPS		04-070	252	I	MWTERR0	B1/H2	
OMWTERR0	OMPC		04-076	354	O	MWTERR0	B2/F2	
ONAE	OMPCOM		04-064	240	O	NAE	B3/G3	*
ONAE	04-069		04-069	014	IO		B3/C3	*
ONOREF0	OMPDMC		04-052	002	I	NOREF0	B5/H3	
ONOREF0	OMPCOM		04-064	110	O	NOREF0	B3/G3	
OPARCLK	OMPS		04-070	206	I	PARCLK	B1/H2	
OPARCLK	OMPC		04-076	304	O	PARCLK	B2/F2	
OPERERR0	OMPCOM		04-064	247	O	PERERR0	B3/G3	
OPERERR0	OMPS		04-070	248	I	PERERR0	B1/H2	
OPISEL0	OMPS		04-070	111	O	PISEL0	B1/H2	
OPISEL0	OMPC		04-076	355	I	PISEL0	B2/F2	
OPNMIO	OMPCOM		04-064	224	I	PNMIO	B3/G3	
OPNMIO	OMPS		04-070	152	O	PNMIO	B1/H2	
OPNMIO	OMPC		04-076	224	I	PNMIO	B2/F2	
OPOR0	OMPC		04-076	023	I	RESTR0	B2/F2	
OPOR0	04-082		04-082	017	IO		B2/G5	*
OPROC1	OMPS		04-070	144	O	DSOFT10	B1/H2	
OPROC1	04-082		04-082	339	IO		B1/C4	*
OPUMP0	OMPS		04-070	240	I	PUMP0	B1/H2	
OPUMP0	ETSR		04-100	308	O	OPUMP0	B15/F3	
ORAMEN1	OROMRAM		04-058	048	I	RAMEN1	B4/H2	
ORAMEN1	OMPS		04-070	010	O	RAMEN1	B1/H2	
OREAD11	OMEM5		04-022	024	I	READ11	B11/H7	
OREAD11	OMEM4		04-028	024	I	READ11	B11/H6	
OREAD11	OMEM3		04-034	024	I	READ11	B11/H4	
OREAD11	OMEM2		04-040	024	I	READ11	B11/H2	
OREAD11	04-045		04-045	022	IO		B5/C5	*
OREAD11	OMEM1		04-046	024	I	READ11	B11/H0	
OREAD11	OMPDMC		04-052	306	O	READ11	B5/H3	
OREF10	OMEM5		04-022	320	I	REF10	B11/H7	
OREF10	OMEM4		04-028	320	I	REF10	B11/H6	
OREF10	OMEM3		04-034	320	I	REF10	B11/H4	
OREF10	OMEM2		04-040	320	I	REF10	B11/H2	
OREF10	04-045		04-045	018	IO		B3/C5	*
OREF10	OMEM1		04-046	320	I	REF10	B11/H0	
OREF10	OMPDMC		04-052	102	O	REF10	B5/H3	*
OREF10	OMPCOM		04-064	102	IO	REF10	B3/G3	
ORES1	OROMRAM		04-058	102	O	FANRST	B4/H2	*
ORESET0	OMPDMC		04-052	302	I	RESET0	B5/H3	
ORESET0	OROMRAM		04-058	354	I	RESET0	B4/H2	
ORESET0	OMPCOM		04-064	354	I	RESET0	B3/G3	
ORESET0	OMPS		04-070	304	O	RESET0	B1/H2	
ORES0RAM0	OMPS		04-070	209	I	STS0	B1/H2	
ORES0RAM0	04-082		04-082	044	IO		B1/G5	*
OROMEN0	OROMRAM		04-058	046	I	ROMEN0	B4/H2	
OROMEN0	OMPS		04-070	110	O	ROMEN0	B1/H2	

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16 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
ORWP0	OROMRAM	04-058	211	I	RWP0	B4/H2	
ORWP0	OMPC	04-076	054	O	RWP0	B2/F2	
OSA1	OMPDMC	04-052	139	I	SA1	B5/H3	
OSA1	OROMRAM	04-058	139	I	SA1	B4/H2	
OSA1	OMPCOM	04-064	139	IO	SA1	B3/G3	
OSA1	OMPS	04-070	318	I	SA01	B1/H2	
OSA1	OMPC	04-076	239	IO	SA01	B2/F2	
OSA1	04-082	04-082	208	IO		B2/C1	*
OSA10	OMPDMC	04-052	336	I	SA10	B5/H3	
OSA10	OROMRAM	04-058	336	I	SA10	B4/H2	
OSA10	OMPCOM	04-064	336	IO	SA10	B3/G3	
OSA10	OMPS	04-070	116	I	SA10	B1/H2	
OSA10	OMPC	04-076	037	IO	SA10	B2/F2	
OSA11	OMPDMC	04-052	236	I	SA11	B5/H3	
OSA11	OROMRAM	04-058	236	I	SA11	B4/H2	
OSA11	OMPCOM	04-064	236	IO	SA11	B3/G3	
OSA11	OMPS	04-070	015	I	SA11	B1/H2	
OSA11	OMPC	04-076	336	IO	SA11	B2/F2	
OSA12	OMPDMC	04-052	136	I	SA12	B5/H3	
OSA12	OROMRAM	04-058	136	I	SA12	B4/H2	
OSA12	OMPCOM	04-064	136	IO	SA12	B3/G3	
OSA12	OMPS	04-070	115	IO	SA12	B1/H2	
OSA12	OMPC	04-076	236	IO	SA12	B2/F2	
OSA13	OMPDMC	04-052	036	I	SA13	B5/H3	
OSA13	OROMRAM	04-058	036	I	SA13	B4/H2	
OSA13	OMPCOM	04-064	036	IO	SA13	B3/G3	
OSA13	OMPS	04-070	215	IO	SA13	B1/H2	
OSA13	OMPC	04-076	136	IO	SA13	B2/F2	
OSA14	OMPDMC	04-052	335	I	SA14	B5/H3	
OSA14	OROMRAM	04-058	335	I	SA14	B4/H2	
OSA14	OMPCOM	04-064	335	IO	SA14	B3/G3	
OSA14	OMPS	04-070	315	I	SA14	B1/H2	
OSA14	OMPC	04-076	036	IO	SA14	B2/F2	
OSA15	OMPDMC	04-052	333	I	SA15	B5/H3	
OSA15	OROMRAM	04-058	333	I	SA15	B4/H2	
OSA15	OMPCOM	04-064	333	IO	SA15	B3/G3	
OSA15	OMPS	04-070	314	I	SA15	B1/H2	
OSA15	OMPC	04-076	034	IO	SA15	B2/F2	
OSA16	OMPDMC	04-052	034	I	SA16	B5/H3	
OSA16	OROMRAM	04-058	034	I	SA16	B4/H2	
OSA16	OMPCOM	04-064	034	IO	SA16	B3/G3	
OSA16	OMPS	04-070	114	I	SA16	B1/H2	
OSA16	OMPC	04-076	134	IO	SA16	B2/F2	
OSA17	OMPDMC	04-052	134	I	SA17	B5/H3	
OSA17	OROMRAM	04-058	134	I	SA17	B4/H2	
OSA17	OMPCOM	04-064	134	IO	SA17	B3/G3	
OSA17	OMPS	04-070	014	I	SA17	B1/H2	
OSA17	OMPC	04-076	234	IO	SA17	B2/F2	
OSA18	OMPDMC	04-052	234	I	SA18	B5/H3	
OSA18	OROMRAM	04-058	234	I	SA18	B4/H2	
OSA18	OMPCOM	04-064	234	IO	SA18	B3/G3	
OSA18	OMPS	04-070	013	IO	SA18	B1/H2	
OSA18	OMPC	04-076	334	IO	SA18	B2/F2	
OSA19	OMPDMC	04-052	334	I	SA19	B5/H3	
OSA19	OROMRAM	04-058	334	I	SA19	B4/H2	
OSA19	OMPCOM	04-064	334	IO	SA19	B3/G3	
OSA19	OMPS	04-070	113	I	SA19	B1/H2	
OSA19	OMPC	04-076	135	IO	SA19	B2/F2	
OSA2	OMPDMC	04-052	039	I	SA2	B5/H3	
OSA2	OROMRAM	04-058	039	I	SA2	B4/H2	
OSA2	OMPCOM	04-064	039	IO	SA2	B3/G3	
OSA2	OMPS	04-070	218	I	SA02	B1/H2	
OSA2	OMPC	04-076	139	IO	SA02	B2/F2	
OSA2	04-082	04-082	215	IO		B2/C1	*
OSA20	OMPDMC	04-052	235	I	SA20	B5/H3	
OSA20	OROMRAM	04-058	235	I	SA20	B4/H2	
OSA20	OMPCOM	04-064	235	IO	SA20	B3/G3	
OSA20	OMPS	04-070	213	I	SA20	B1/H2	
OSA20	OMPC	04-076	335	IO	SA20	B2/F2	
OSA21	OMPDMC	04-052	350	I	SA21	B5/H3	
OSA21	OROMRAM	04-058	232	I	SA21	B4/H2	
OSA21	OMPCOM	04-064	232	IO	SA21	B3/G3	
OSA21	OMPS	04-070	211	I	SA21	B1/H2	
OSA21	OMPC	04-076	033	IO	SA21	B2/F2	
OSA22	OMPDMC	04-052	353	I	SA22	B5/H3	
OSA22	OROMRAM	04-058	132	I	SA22	B4/H2	
OSA22	OMPCOM	04-064	132	IO	SA22	B3/G3	
OSA22	OMPS	04-070	219	I	SA22	B1/H2	
OSA22	OMPC	04-076	032	IO	SA22	B2/F2	
OSA23	OMPDMC	04-052	254	I	SA23	B5/H3	

17 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
OSA23	OROMRAM	04-058	032	I	SA23	B4/H2	
OSA23	OMPCOM	04-064	024	IO	SA23	B3/G3	
OSA23	OMPS	04-070	019	I	SA23	B1/H2	
OSA23	OMPC	04-076	132	IO	SA23	B2/F2	
OSA24	OMPDMC	04-052	354	I	SA24	B5/H3	
OSA24	OROMRAM	04-058	339	I	SA24	B4/H2	
OSA24	OMPCOM	04-064	023	IO	SA24	B3/G3	
OSA24	OMPS	04-070	311	I	SA24	B1/H2	
OSA24	OMPC	04-076	232	IO	SA24	B2/F2	
OSA3	OMPDMC	04-052	338	I	SA3	B5/H3	
OSA3	OROMRAM	04-058	338	I	SA3	B4/H2	
OSA3	OMPCOM	04-064	338	IO	SA3	B3/G3	
OSA3	OMPS	04-070	118	I	SA03	B1/H2	
OSA3	OMPC	04-076	039	IO	SA03	B2/F2	
OSA3	04-082	04-082	206	IO		B2/C1	*
OSA4	OMPDMC	04-052	238	I	SA4	B5/H3	
OSA4	OROMRAM	04-058	238	I	SA4	B4/H2	
OSA4	OMPCOM	04-064	238	IO	SA4	B3/G3	
OSA4	OMPS	04-070	018	I	SA04	B1/H2	
OSA4	OMPC	04-076	338	IO	SA04	B2/F2	
OSA4	04-082	04-082	205	IO		B2/C1	*
OSA5	OMPDMC	04-052	038	I	SA5	B5/H3	
OSA5	OROMRAM	04-058	038	I	SA5	B4/H2	
OSA5	OMPCOM	04-064	038	IO	SA5	B3/G3	
OSA5	OMPS	04-070	017	I	SA05	B1/H2	
OSA5	OMPC	04-076	238	IO	SA05	B2/F2	
OSA5	04-082	04-082	304	IO		B2/C1	*
OSA6	OMPDMC	04-052	337	I	SA6	B5/H3	
OSA6	OROMRAM	04-058	337	I	SA6	B4/H2	
OSA6	OMPCOM	04-064	337	IO	SA6	B3/G3	
OSA6	OMPS	04-070	117	I	SA06	B1/H2	
OSA6	OMPC	04-076	038	IO	SA06	B2/F2	
OSA6	04-082	04-082	123	IO		B2/C2	*
OSA7	OMPDMC	04-052	237	I	SA7	B5/H3	
OSA7	OROMRAM	04-058	237	I	SA7	B4/H2	
OSA7	OMPCOM	04-064	237	IO	SA7	B3/G3	
OSA7	OMPS	04-070	217	I	SA07	B1/H2	
OSA7	OMPC	04-076	337	IO	SA07	B2/F2	
OSA7	04-082	04-082	122	IO		B2/C2	*
OSA8	OMPDMC	04-052	137	I	SA8	B5/H3	
OSA8	OROMRAM	04-058	137	I	SA8	B4/H2	
OSA8	OMPCOM	04-064	137	IO	SA8	B3/G3	
OSA8	OMPS	04-070	316	I	SA08	B1/H2	
OSA8	OMPC	04-076	237	IO	SA08	B2/F2	
OSA8	04-082	04-082	121	IO		B2/C2	*
OSA9	OMPDMC	04-052	037	I	SA9	B5/H3	
OSA9	OROMRAM	04-058	037	I	SA9	B4/H2	
OSA9	OMPCOM	04-064	037	IO	SA9	B3/G3	
OSA9	OMPS	04-070	216	I	SA09	B1/H2	
OSA9	OMPC	04-076	137	IO	SA09	B2/F2	
OSA9	04-082	04-082	224	IO		B2/C2	*
OSANINHO	OROMRAM	04-058	256	O	SANINHO	B4/H2	
OSANINHO	OMPS	04-070	053	I	SANINHO	B1/H2	
OSANINHO	04-082	04-082	136	IO		B4/B4	*
OSBHE0	OMPDMC	04-052	135	I	SBHE0	B5/H3	
OSBHE0	OROMRAM	04-058	135	I	SBHE0	B4/H2	
OSBHE0	OMPCOM	04-064	135	IO	SBHE0	B3/G3	
OSBHE0	OMPS	04-070	312	I	SBHE0	B1/H2	
OSBHE0	OMPC	04-076	235	IO	SBHE0	B2/F2	
OSBLE0	OMPDMC	04-052	239	I	SBLE0	B5/H3	
OSBLE0	OROMRAM	04-058	239	I	SBLE0	B4/H2	
OSBLE0	OMPCOM	04-064	239	IO	SBLE0	B3/G3	
OSBLE0	OMPS	04-070	319	I	SBLE0	B1/H2	
OSBLE0	OMPC	04-076	339	IO	SBLE0	B2/F2	
OSBLE0	04-082	04-082	209	IO		B2/C5	*
OSCAN1	OROMRAM	04-058	103	I	FAN	B4/H2	*
OSCLOCK	OMPDMC	04-052	221	I	SCLOCK	B5/H3	
OSCLOCK	OMPS	04-070	003	I	SCLOCK	B1/H2	
OSCLOCK	OMPC	04-076	324	O	SCLOCK	B2/F2	
OSD0	OMPDMC	04-052	314	IO	SD0B1	B5/H3	
OSD0	OROMRAM	04-058	314	IO	SD0	B4/H2	
OSD0	OMPS	04-070	020	IO	SD00	B1/H2	
OSD0	OMPC	04-076	116	IO	SD00	B2/F2	
OSD1	OMPDMC	04-052	015	IO	SD1B1	B5/H3	
OSD1	OROMRAM	04-058	015	IO	SD1	B4/H2	
OSD1	OMPS	04-070	120	IO	SD01	B1/H2	
OSD1	OMPC	04-076	216	IO	SD01	B2/F2	
OSD10	OMPDMC	04-052	217	IO	SD10B1	B5/H3	
OSD10	OROMRAM	04-058	217	IO	SD10	B4/H2	

18		LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
OSD10	OMPS		04-070	322		IO SD10	B1/H2	
OSD10	OMPC		04-076	318		IO SD10	B2/F2	
OSD11	OMPDMC		04-052	317		IO SD11B1	B5/H3	
OSD11	OROMRAM		04-058	317		IO SD11	B4/H2	
OSD11	OMPS		04-070	323		IO SD11	B1/H2	
OSD11	OMPC		04-076	019		IO SD11	B2/F2	
OSD12	OMPDMC		04-052	018		IO SD12B1	B5/H3	
OSD12	OROMRAM		04-058	018		IO SD12	B4/H2	
OSD12	OMPS		04-070	223		IO SD12	B1/H2	
OSD12	OMPC		04-076	219		IO SD12	B2/F2	
OSD13	OMPDMC		04-052	118		IO SD13B1	B5/H3	
OSD13	OROMRAM		04-058	118		IO SD13	B4/H2	
OSD13	OMPS		04-070	123		IO SD13	B1/H2	
OSD13	OMPC		04-076	319		IO SD13	B2/F2	
OSD14	OMPDMC		04-052	218		IO SD14B1	B5/H3	
OSD14	OROMRAM		04-058	218		IO SD14	B4/H2	
OSD14	OMPS		04-070	023		IO SD14	B1/H2	
OSD14	OMPC		04-076	020		IO SD14	B2/F2	
OSD15	OMPDMC		04-052	318		IO SD15B1	B5/H3	
OSD15	OROMRAM		04-058	318		IO SD15	B4/H2	
OSD15	OMPS		04-070	024		IO SD15	B1/H2	
OSD15	OMPC		04-076	120		IO SD15	B2/F2	
OSD2	OMPDMC		04-052	115		IO SD2B1	B5/H3	
OSD2	OROMRAM		04-058	115		IO SD2	B4/H2	
OSD2	OMPS		04-070	220		IO SD02	B1/H2	
OSD2	OMPC		04-076	316		IO SD02	B2/F2	
OSD3	OMPDMC		04-052	215		IO SD3B1	B5/H3	
OSD3	OROMRAM		04-058	215		IO SD3	B4/H2	
OSD3	OMPS		04-070	320		IO SD03	B1/H2	
OSD3	OMPC		04-076	017		IO SD03	B2/F2	
OSD4	OMPDMC		04-052	315		IO SD4B1	B5/H3	
OSD4	OROMRAM		04-058	315		IO SD4	B4/H2	
OSD4	OMPS		04-070	321		IO SD04	B1/H2	
OSD4	OMPC		04-076	117		IO SD04	B2/F2	
OSD5	OMPDMC		04-052	116		IO SD5B1	B5/H3	
OSD5	OROMRAM		04-058	116		IO SD5	B4/H2	
OSD5	OMPS		04-070	221		IO SD05	B1/H2	
OSD5	OMPC		04-076	217		IO SD05	B2/F2	
OSD6	OMPDMC		04-052	216		IO SD6B1	B5/H3	
OSD6	OROMRAM		04-058	216		IO SD6	B4/H2	
OSD6	OMPS		04-070	121		IO SD06	B1/H2	
OSD6	OMPC		04-076	317		IO SD06	B2/F2	
OSD7	OMPDMC		04-052	316		IO SD7B1	B5/H3	
OSD7	OROMRAM		04-058	316		IO SD7	B4/H2	
OSD7	OMPS		04-070	021		IO SD07	B1/H2	
OSD7	OMPC		04-076	018		IO SD07	B2/F2	
OSD8	OMPDMC		04-052	017		IO SD8B1	B5/H3	
OSD8	OROMRAM		04-058	017		IO SD8	B4/H2	
OSD8	OMPS		04-070	022		IO SD08	B1/H2	
OSD8	OMPC		04-076	118		IO SD08	B2/F2	
OSD9	OMPDMC		04-052	117		IO SD9B1	B5/H3	
OSD9	OROMRAM		04-058	117		IO SD9	B4/H2	
OSD9	OMPS		04-070	122		IO SD09	B1/H2	
OSD9	OMPC		04-076	218		IO SD09	B2/F2	
OSDEN0	OMPDMC		04-052	304	I	SDEN0	B5/H3	
OSDEN0	OROMRAM		04-058	304	I	SDEN0	B4/H2	
OSDEN0	OMPECOM		04-064	304	I	SDEN0	B3/G3	
OSDEN0	OMPS		04-070	102	I	SDEN0	B1/H2	
OSDEN0	OMPC		04-076	105	O	SDEN0	B2/F2	
OSDIR	OMPDMC		04-052	104	I	SDIR	B5/H3	

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19 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLC	XT	
OSDIR	OROMRAM	04-058	104	I SDIR	B4/H2		
OSDIR	OMPCCOM	04-064	104	I SDIR	B3/G3		
OSDIR	OMPS	04-070	202	I SDIR	B1/H2		
OSDIR	OMPC	04-076	005	O SDIR	B2/F2		
OSEAPAR	OMPDMC	04-052	033	I SEAPAR	B5/H3		
OSEAPAR	OMPCCOM	04-064	033	IO SEAPAR	B3/G3		
OSEAPAR	OMPS	04-070	212	I SEAPAR	B1/H2		
OSEAPAR	OMPC	04-076	133	IO SEAPAR	B2/F2		
OSELB00	OMEM1	04-046	033	I SELIO	B11/H0		
OSELB00	OMPDMC	04-052	213	O SELB00	B5/H3		
OSELB10	OMEM2	04-040	033	I SELIO	B11/H2		
OSELB10	OMPDMC	04-052	014	O SELB10	B5/H3		
OSELB20	OMEM3	04-034	033	I SELIO	B11/H4		
OSELB20	OMPDMC	04-052	114	O SELB20	B5/H3		
OSELB30	OMEM4	04-028	033	I SELIO	B11/H6		
OSELB30	OMPDMC	04-052	214	O SELB30	B5/H3		
OSELB40	OMEM5	04-022	033	I SELIO	B11/H7		
OSELB40	OMPDMC	04-052	120	O SELB40	B5/H3		
OSETWP0	OROMRAM	04-058	302	I SETWP0	B4/H2		
OSETWP0	OMPC	04-076	256	O SETWP0	B2/F2		
OSHAPAR	OMPDMC	04-052	133	I SHAPAR	B5/H3		
OSHAPAR	OROMRAM	04-058	133	I SHAPAR	B4/H2		
OSHAPAR	OMPCCOM	04-064	133	IO SHAPAR	B3/G3		
OSHAPAR	OMPS	04-070	214	I SHAPAR	B1/H2		
OSHAPAR	OMPC	04-076	233	IO SHAPAR	B2/F2		
OSHDPAR	OMPDMC	04-052	219	IO SHDPARB	B5/H3		
OSHDPAR	OROMRAM	04-058	219	IO SHDPAR	B4/H2		
OSHDPAR	OMPCCOM	04-064	219	IO SHDPAR	B3/G3		
OSHDPAR	OMPS	04-070	224	IO SHDPAR	B1/H2		
OSHDPAR	OMPC	04-076	320	IO SHDPAR	B2/F2		
OSHSTOP0	OMPS	04-070	309	O SHSTOP0	B1/H2		
OSHSTOP0	OMPC	04-076	155	I SHSTOP0	B2/F2		
OSID560	04-045	04-045	002	IO	B5/G4	*	
OSID560	OMPDMC	04-052	054	I SID560	B5/H3		
OSLAPAR	OMPDMC	04-052	233	I SLAPAR	B5/H3		
OSLAPAR	OROMRAM	04-058	233	I SLAPAR	B4/H2		
OSLAPAR	OMPCCOM	04-064	233	IO SLAPAR	B3/G3		
OSLAPAR	OMPS	04-070	317	I SLAPAR	B1/H2		
OSLAPAR	OMPC	04-076	333	IO SLAPAR	B2/F2		
OSLDPAR	OMPDMC	04-052	019	IO SLDPARB	B5/H3		
OSLDPAR	OROMRAM	04-058	019	IO SLDPAR	B4/H2		
OSLDPAR	OMPS	04-070	124	IO SLDPAR	B1/H2		
OSLDPAR	OMPC	04-076	220	IO SLDPAR	B2/F2		
OSTW0	OMPCCOM	04-064	314	I STW0	B3/G3	*	
OSTW0	04-082	04-082	036	IO	B3/G6	*	
OSU0ERR0	OMPCCOM	04-064	324	I SU0ERR0	B3/G3	*	
OSU0ERR0	04-069	04-069	013	IO	B3/G1	*	
OSU0S0	04-069	04-069	047	IO	B1/C1	*	
OSU0S0	OMPS	04-070	342	O SU0S0	B1/H2	*	
OSU0WT0	04-069	04-069	034	IO	B1/F1	*	
OSU0WT0	OMPS	04-070	245	I SU0WT0	B1/H2	*	
OSU1ERR0	OMPCCOM	04-064	322	I SU1ERR0	B3/G3	*	
OSU1ERR0	04-069	04-069	002	IO	B3/G2	*	
OSU1S0	04-069	04-069	010	IO	B1/C1	*	
OSU1S0	OMPS	04-070	343	O SU1S0	B1/H2	*	
OSU1WT0	04-069	04-069	006	IO	B1/F1	*	
OSU1WT0	OMPS	04-070	345	I SU1WT0	B1/H2	*	
OSU2ERR0	OMPCCOM	04-064	320	I SU2ERR0	B3/G3	*	
OSU2ERR0	04-069	04-069	001	IO	B3/G2	*	
OSU2S0	04-069	04-069	009	IO	B1/C1	*	
OSU2S0	OMPS	04-070	243	O SU2S0	B1/H2	*	
OSU2WT0	04-069	04-069	005	IO	B1/F1	*	
OSU2WT0	OMPS	04-070	346	I SU2WT0	B1/H2	*	
OSU3ERR0	OMPCCOM	04-064	318	I SU3ERR0	B3/G3	*	
OSU3ERR0	04-069	04-069	000	IO	B3/G2	*	
OSU3S0	04-069	04-069	008	IO	B1/C1	*	
OSU3S0	OMPS	04-070	143	O SU3S0	B1/H2	*	
OSU3WT0	04-069	04-069	004	IO	B1/F1	*	
OSU3WT0	OMPS	04-070	246	I SU3WT0	B1/H2	*	

20 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLC	XT	
OSU4ERR0	OMPCCOM	04-064	316	I SU4ERR0	B3/G3	*	
OSU4ERR0	04-069	04-069	003	IO	B3/G2	*	
OSU4S0	04-069	04-069	011	IO	B1/C1	*	
OSU4S0	OMPS	04-070	043	O SU4S0	B1/H2	*	
OSU4WT0	04-069	04-069	007	IO	B1/F1	*	
OSU4WT0	OMPS	04-070	146	I SU4WT0	B1/H2	*	
OSU5ERR0	OMPCCOM	04-064	215	I SU5ERR0	B3/G3	*	
OSU5ERR0	04-075	04-075	048	IO	B3/G2	*	
OSU5S0	OMPS	04-070	044	O SU5S0	B1/H2	*	
OSU5S0	04-075	04-075	056	IO	B1/C2	*	
OSU5WT0	OMPS	04-070	046	I SU5WT0	B1/H2	*	
OSU5WT0	04-075	04-075	052	IO	B1/F2	*	
OSU6ERR0	OMPCCOM	04-064	114	I SU6ERR0	B3/G3	*	
OSU6ERR0	04-075	04-075	047	IO	B3/G2	*	
OSU6S0	OMPS	04-070	348	O SU6S0	B1/H2	*	
OSU6S0	04-075	04-075	055	IO	B1/C2	*	
OSU6WT0	OMPS	04-070	050	I SU6WT0	B1/H2	*	
OSU6WT0	04-075	04-075	051	IO	B1/F2	*	
OSU7ERR0	OMPCCOM	04-064	213	I SU7ERR0	B3/G3	*	
OSU7ERR0	04-075	04-075	046	IO	B3/G2	*	
OSU7S0	OMPS	04-070	349	O SU7S0	B1/H2	*	
OSU7S0	04-075	04-075	054	IO	B1/C2	*	
OSU7WT0	OMPS	04-070	151	I SU7WT0	B1/H2	*	
OSU7WT0	04-075	04-075	050	IO	B1/F2	*	
OSUA1	04-069	04-069	024	IO	B1/C2	*	
OSUA1	OMPS	04-070	341	O SUA1	B1/H2	*	
OSUA2	04-069	04-069	023	IO	B1/C2	*	
OSUA2	OMPS	04-070	141	O SUA2	B1/H2	*	
OSUA3	04-069	04-069	022	IO	B1/C2	*	
OSUA3	OMPS	04-070	041	O SUA3	B1/H2	*	
OSUA4	04-069	04-069	021	IO	B1/C2	*	
OSUA4	OMPS	04-070	042	O SUA4	B1/H2	*	
OSUA5	04-069	04-069	020	IO	B1/C2	*	
OSUA5	OMPS	04-070	142	O SUA5	B1/H2	*	
OSUA6	04-069	04-069	019	IO	B1/C2	*	
OSUA6	OMPS	04-070	242	O SUA6	B1/H2	*	
OSUAP	04-069	04-069	018	IO	B1/C7	*	
OSUAP	OMPS	04-070	140	O SUAP	B1/H2	*	
OSUD0	04-069	04-069	043	IO	B1/C2	*	
OSUD0	OMPS	04-070	339	IO SUD00	B1/H2	*	
OSUD1	04-069	04-069	042	IO	B1/C2	*	
OSUD1	OMPS	04-070	239	IO SUD01	B1/H2	*	
OSUD10	04-069	04-069	054	IO	B1/C2	*	
OSUD10	OMPS	04-070	037	IO SUD10	B1/H2	*	
OSUD11	04-069	04-069	053	IO	B1/C2	*	
OSUD11	OMPS	04-070	036	IO SUD11	B1/H2	*	
OSUD12	04-069	04-069	052	IO	B1/C2	*	
OSUD12	OMPS	04-070	136	IO SUD12	B1/H2	*	
OSUD13	04-069	04-069	051	IO	B1/C2	*	
OSUD13	OMPS	04-070	236	IO SUD13	B1/H2	*	
OSUD14	04-069	04-069	050	IO	B1/C2	*	
OSUD14	OMPS	04-070	336	IO SUD14	B1/H2	*	
OSUD15	04-069	04-069	049	IO	B1/C2	*	
OSUD15	OMPS	04-070	335	IO SUD15	B1/H2	*	
OSUD2	04-069	04-069	041	IO	B1/C2	*	
OSUD2	OMPS	04-070	139	IO SUD02	B1/H2	*	
OSUD3	04-069	04-069	040	IO	B1/C2	*	
OSUD3	OMPS	04-070	039	IO SUD03	B1/H2	*	
OSUD4	04-069	04-069	039	IO	B1/C2	*	
OSUD4	OMPS	04-070	038	IO SUD04	B1/H2	*	
OSUD5	04-069	04-069	038	IO	B1/C2	*	
OSUD5	OMPS	04-070	238	IO SUD05	B1/H2	*	
OSUD6	04-069	04-069	037	IO	B1/C2	*	
OSUD6	OMPS	04-070	338	IO SUD06	B1/H2	*	

21	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLC	XT	
OSUD7	04-069	04-069	036	IO	B1/C2	*	
OSUD7	OMFS	04-070	337	IO SUD07	B1/H2	*	
OSUD8	04-069	04-069	056	IO	B1/C2	*	
OSUD8	OMFS	04-070	237	IO SUD08	B1/H2	*	
OSUD9	04-069	04-069	055	IO	B1/C2	*	
OSUD9	OMFS	04-070	137	IO SUD09	B1/H2	*	
OSUDPH	04-069	04-069	048	IO	B1/C7	*	
OSUDPH	OMFS	04-070	134	IO SUDPH	B1/H2	*	
OSUDPL	04-069	04-069	035	IO	B1/C7	*	
OSUDPL	OMFS	04-070	135	IO SUDPL	B1/H2	*	
OSURD0	04-069	04-069	032	IO	B1/C6	*	
OSURD0	OMFS	04-070	340	IO SURD0	B1/H2	*	
OSUWR0	04-069	04-069	045	IO	B1/C6	*	
OSUWR0	OMFS	04-070	040	O SUWR0	B1/H2	*	
OSWAIT0	OMPDMC	04-052	005	O SWAIT0	B5/H3		
OSWAIT0	OMPFCOM	04-064	007	O SWAIT0	B3/G3		
OSWAIT0	OMFS	04-070	302	O SWAIT0	B1/H2		
OSWAIT0	OMFC	04-076	203	IO SWAIT0	B2/F2		
OSWR0	OMPDMC	04-052	202	I SWR0	B5/H3		
OSWR0	OROMRAM	04-058	202	I SWR0	B4/H2		
OSWR0	OMPFCOM	04-064	202	I SWR0	B3/G3		
OSWR0	OMFS	04-070	002	I SWR0	B1/H2		
OSWR0	OMFC	04-076	205	O SWR0	B2/F2		
OTAFOR0	04-082	04-082	118	IO	B19/E1	*	
OTAFOR0	04-082	04-082	343	IO	B19/E1	*	
OTHEN1	OROMRAM	04-058	221	I THEN1	B4/H2		
OTHEN1	OMPFCOM	04-064	340	I THEN1	B3/G3		
OTHEN1	OMFS	04-070	305	I THEN1	B1/H2		
OTHEN1	OMFC	04-076	007	O THEN1	B2/F2		
OTHEN1	04-082	04-082	005	IO	B2/C3	*	
OTIMCLK	OMPDMC	04-052	123	I TIMCLK	B5/H3		
OTIMCLK	OROMRAM	04-058	343	I TIMCLK	B4/H2		
OTIMCLK	OMPFCOM	04-064	343	I TIMCLK	B3/G3		
OTIMCLK	OMFS	04-070	203	I TIMCLK	B1/H2		
OTIMCLK	OMFC	04-076	123	O TIMCLK	B2/F2		
OTM1ST0	OMFS	04-070	055	O Tm1ST0	B1/H2		
OTM1ST0	04-096	04-096	054	IO	B1/C5	*	
OTM1ST0	04-097	04-097	054	IO	B1/C5	*	
OTM1ST0	1MFS	04-114	156	I FM1ST0	B6/H3		
OTM2ST0	OMFS	04-070	256	O Tm2ST0	B1/H2		
OTM2ST0	04-096	04-096	056	IO	B1/C5	*	
OTM2ST0	04-097	04-097	056	IO	B1/C5	*	
OTM2ST0	1MFS	04-114	353	I FM2ST0	B6/H3		
OTMAFF0	OMPFCOM	04-064	006	O TMAFF0	B3/G3		
OTMAFF0	1MPCOM	04-120	105	I FMAFF0	B8/F3		
OTMAFF0	1ROMRAM	04-126	322	I FMAFF0	B9/H2		
OTMCERR0	OMFS	04-070	052	O TMCERR0	B1/H2		
OTMCERR0	04-096	04-096	053	IO	B8/G4	*	
OTMCERR0	04-097	04-097	053	IO	B8/G1	*	
OTMCERR0	1MPCOM	04-120	040	I FMCERR0	B8/F3		
OTMDRQ0	OMFC	04-076	102	O TMDRQ0	B2/F2		
OTMDRQ0	04-096	04-096	004	IO	B6/F3	*	
OTMDRQ0	04-097	04-097	004	IO	B6/F2	*	
OTMDRQ0	1MFS	04-114	155	I FMDRQ0	B6/H3		
OTMFA0	OROMRAM	04-058	203	O TMFA0	B4/H2		
OTMFA0	1ROMRAM	04-126	204	IO CPIWIRE	B9/H2		
OTMOFF1	OMPFCOM	04-064	321	O TMOFF1	B3/G3		

22 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
OTMOFF1	1MPCOM	04-120	205	I FMOFF1	B8/F3		
OTMPERR0	OMPCOM	04-064	302	O TMPERR0	B3/G3		
OTMPERR0	1MPCOM	04-120	307	I FMPERR0	B8/F3		
OTMRST0	OMPC	04-076	006	O TMRST0	B2/F2		
OTMRST0	04-096	04-096	007	IO	B6/F3	*	
OTMRST0	04-097	04-097	007	IO	B6/F3	*	
OTMRST0	1MPS	04-114	250	I FMRST0	B6/H3		
OTMTHENO	OMPC	04-076	002	O TMTTHENO	B2/F2		
OTMTHENO	04-090	04-090	105	IO	B2/C2	*	
OTMTHENO	04-096	04-096	003	IO	B15/G4	*	
OTMTHENO	04-097	04-097	003	IO	B6/F3	*	
OTMTHENO	BTSR	04-100	105	I OTMTHENO	B15/F3		
OTMTHENO	1MPS	04-114	255	I FMTTHENO	B6/H3		
OTMTHENO	1MPCOM	04-120	121	I FMTTHENO	B8/F3		
OTMTHENO	1ROMRAM	04-126	121	I FMTTHENO	B9/H2		
OTN281	OMEM5	04-022	321	O A2MSEL00	B11/H7		
OTN281	OMEM4	04-028	321	O A2MSEL00	B11/H6		
OTN281	OMEM3	04-034	321	O A2MSEL00	B11/H4		
OTN281	OMEM2	04-040	321	O A2MSEL00	B11/H2		
OTN281	04-045	04-045	020	IO	B11/B8	*	
OTN281	OMEM1	04-046	321	O A2MSEL00	B11/H0		
OTN281	OMPDMC	04-052	007	O CLRM10	B5/H3	*	
OTP3A	OMPCOM	04-064	243	IO TP3	B3/G3		
OTP4B	OMPCOM	04-064	245	IO TP4	B3/G3		
OTSHOLD0	OMPS	04-070	254	I TSHOLD0	B1/H2		
OTSHOLD0	04-090	04-090	006	IO	B1/G5	*	
OTSINH0	OMPC	04-076	307	I TSINH0	B2/F2		
OTSINH0	04-090	04-090	103	IO	B15/D4	*	
OTSINH0	BTSR	04-100	103	O OTSINH0	B15/F3		
OTSRELO	OMPS	04-070	355	I TSRELO	B1/H2		
OTSRELO	04-090	04-090	106	IO	B15/D4	*	
OTSRELO	04-096	04-096	055	IO	B15/D6	*	
OTSRELO	04-097	04-097	055	IO	B15/D6	*	
OTSRELO	BTSR	04-100	106	O OTSRELO	B15/F3		
OTSRELO	1MPC	04-108	349	I TSENO	B7/F3		
OTSRELO	1MPS	04-114	154	I TSENO	B6/H3		
OUABEN0	OMPS	04-070	008	O UABEN0	B1/H2		
OUABEN0	OMPC	04-076	347	I UABEN0	B2/F2		
UDWPO	OROMRAM	04-058	011	I UDWPO	B4/H2		
UDWPO	OMPC	04-076	056	O UDWPO	B2/F2		
UPACT0L	04-063	04-063	001	IO	B3/C3	*	
UPACT0L	OMPCOM	04-064	053	O DLOACT0	B3/G3	*	
UPACT1L	04-063	04-063	014	IO	B3/C3	*	
UPACT1L	OMPCOM	04-064	154	O DLIACT0	B3/G3	*	
UPCK0L	04-063	04-063	000	IO	B3/C2	*	
UPCK0L	OMPCOM	04-064	244	O DLI0CK	B3/G3	*	
UPCK1L	04-063	04-063	013	IO	B3/C2	*	
UPCK1L	OMPCOM	04-064	246	O DLI1CK	B3/G3	*	
UPDATE0	OMPS	04-070	108	O UPDATE0	B1/H2		
UPDATE0	OMPC	04-076	154	I UPDATE0	B2/F2		
UPGO0L	04-063	04-063	002	IO	B3/C2	*	
UPGO0L	OMPCOM	04-064	141	O DLI0GO0	B3/G3	*	
UPGO1L	04-063	04-063	015	IO	B3/C2	*	
UPGO1L	OMPCOM	04-064	242	O DLI1GO0	B3/G3	*	
UPTMD0A	04-063	04-063	035	IO	B3/C3	*	
UPTMD0A	OMPCOM	04-064	052	O OADLITN	B3/G3	*	
UPTMD0B	04-063	04-063	034	IO	B3/C3	*	
UPTMD0B	OMPCOM	04-064	048	O OBDLITN	B3/G3	*	
UPTMD1A	04-063	04-063	048	IO	B3/C3	*	
UPTMD1A	OMPCOM	04-064	050	O 1ADLITN	B3/G3	*	
UPTMD1B	04-063	04-063	047	IO	B3/C3	*	
UPTMD1B	OMPCOM	04-064	046	O 1BDLITN	B3/G3	*	
UPTMP0A	04-063	04-063	033	IO	B3/C2	*	
UPTMP0A	OMPCOM	04-064	118	O OAPARO	B3/G3	*	
UPTMP0B	04-063	04-063	032	IO	B3/C2	*	
UPTMP0B	OMPCOM	04-064	116	O OBPARO	B3/G3	*	
UPTMP1A	04-063	04-063	046	IO	B3/C2	*	
UPTMP1A	OMPCOM	04-064	221	O 1APARO	B3/G3	*	
UPTMP1B	04-063	04-063	045	IO	B3/C2	*	

23 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
OUPTMP1B	OMPCOM	04-064	015	O 1BPARO	B3/G3	*	
OUPTRD0L	04-063	04-063	004	IO	B3/C2	*	
OUPTRD0L	OMPCOM	04-064	143	O DLI0OUT	B3/G3	*	
OUPTRD1L	04-063	04-063	017	IO	B3/C2	*	
OUPTRD1L	OMPCOM	04-064	145	O DLI1OUT	B3/G3	*	
OUTWPO	OROMRAM	04-058	208	I UTWPO	B4/H2		
OUTWPO	OMPC	04-076	156	O UTWPO	B2/F2		
OVALOP0	OMPDMC	04-052	006	O VALOP0	B5/H3		
OVALOP0	OROMRAM	04-058	155	O VALOP0	B4/H2		
OVALOP0	OMPCOM	04-064	155	O VALOP0	B3/G3		
OVALOP0	OMPS	04-070	207	IO VALOP0	B1/H2		
OVALOP0	OMPC	04-076	202	O VALOP0	B2/F2		
OVALOP0	04-082	04-082	204	IO	B2/C6	*	
OWB00	OMEM5	04-022	035	I WRT0I0	B11/H7		
OWB00	OMEM4	04-028	035	I WRT0I0	B11/H6		
OWB00	OMEM3	04-034	035	I WRT0I0	B11/H4		
OWB00	OMEM2	04-040	035	I WRT0I0	B11/H2		
OWB00	04-045	04-045	039	IO	B11/F8	*	
OWB00	OMEM1	04-046	035	I WRT0I0	B11/H0		
OWB00	OMPDMC	04-052	324	O WB00	B5/H3	*	
OWDPERR0	OROMRAM	04-058	141	O WDPERR0	B4/H2		
OWDPERR0	OMPS	04-070	049	I WDPERR0	B1/H2		
OWHO	OMEM5	04-022	021	I WRTHI0	B11/H7		
OWHO	OMEM4	04-028	021	I WRTHI0	B11/H6		
OWHO	OMEM3	04-034	021	I WRTHI0	B11/H4		
OWHO	OMEM2	04-040	021	I WRTHI0	B11/H2		
OWHO	04-045	04-045	019	IO	B11/F8	*	
OWHO	OMEM1	04-046	021	I WRTHI0	B11/H0		
OWHO	OMPDMC	04-052	023	O WHO	B5/H3	*	
OWPERR0	OROMRAM	04-058	142	O WPERR0	B4/H2		
OWPERR0	OMPS	04-070	148	I WPERR0	B1/H2		
OWPINHO	OROMRAM	04-058	143	IO TP5	B4/H2		
OWPINHO	OROMRAM	04-058	223	IO TP1	B4/H2		
OWPINHO	04-082	04-082	040	IO	B4/B4	*	
OWRENO	OMPDMC	04-052	003	I WRENO	B5/H3		
OWRENO	OROMRAM	04-058	003	O WRENO	B4/H2		
OWTERR0	OMPS	04-070	149	I WTERR0	B1/H2		
OWTERR0	OMPC	04-076	254	O WTERR0	B2/F2		
OXPRST0	OMPS	04-070	105	I XPRST0	B1/H2		
OXPRST0	OMPC	04-076	302	O XPRST0	B2/F2		
114MC15N	BTSR	04-100	356	I 14MCN	B15/F3		
114MC15P	BTSR	04-100	256	I 14MCP	B15/F3		
118KS15N	BTSR	04-100	355	I 18KSN	B15/F3		
118KS15P	BTSR	04-100	255	I 18KSP	B15/F3		
11PB115N	BTSR	04-100	354	O 1PBON	B15/F3		
11PB115P	BTSR	04-100	254	O 1PBOP	B15/F3		
11PBO15N	BTSR	04-100	353	I 1PBIN	B15/F3		
11PBO15P	BTSR	04-100	253	I 1PBIP	B15/F3		
1A02I0	1MEM2	04-144	233	I A02I0	B12/H2		
1A02I0	1MEM3	04-150	233	I A02I0	B12/H4		
1A02I0	1MEM4	04-156	233	I A02I0	B12/H6		
1A02I0	1MEM5	04-162	233	I A02I0	B12/H7		
1A02I1	1MPDMC	04-132	013	O A2I1	B10/H3	*	
1A02I1	1MEM1	04-138	235	I A02I1	B12/H0		
1A02I1	04-143	04-143	038	IO	B10/C3	*	
1A02I1	1MEM2	04-144	235	I A02I1	B12/H2		
1A02I1	1MEM3	04-150	235	I A02I1	B12/H4		
1A02I1	1MEM4	04-156	235	I A02I1	B12/H6		
1A02I1	1MEM5	04-162	235	I A02I1	B12/H7		
1A02IB0	1MPDMC	04-132	008	O A02IB0	B10/H3	*	
1A02IB0	04-143	04-143	003	IO	B10/C2	*	
1A02IB1	1MPDMC	04-132	207	O A02IB1	B10/H3	*	
1A02IB1	04-143	04-143	049	IO	B10/C1	*	
1A03I1	1MPDMC	04-132	312	O A3I1	B10/H3	*	
1A03I1	1MEM1	04-138	339	I A03I1	B12/H0		
1A03I1	04-143	04-143	045	IO	B10/C3	*	
1A03I1	1MEM2	04-144	339	I A03I1	B12/H2		
1A03I1	1MEM3	04-150	339	I A03I1	B12/H4		
1A03I1	1MEM4	04-156	339	I A03I1	B12/H6		
1A03I1	1MEM5	04-162	339	I A03I1	B12/H7		

24 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
1A04I1	1MPDMC	04-132	212	O A4I1	B10/H3	*	
1A04I1	1MEM1	04-138	241	I A04I1	B12/H0		
1A04I1	04-143	04-143	047	IO	B10/C3	*	
1A04I1	1MEM2	04-144	241	I A04I1	B12/H2		
1A04I1	1MEM3	04-150	241	I A04I1	B12/H4		
1A04I1	1MEM4	04-156	241	I A04I1	B12/H6		
1A04I1	1MEM5	04-162	241	I A04I1	B12/H7		
1A05I1	1MPDMC	04-132	208	O A5I1	B10/H3	*	
1A05I1	1MEM1	04-138	341	I A05I1	B12/H0		
1A05I1	04-143	04-143	046	IO	B10/C3	*	
1A05I1	1MEM2	04-144	341	I A05I1	B12/H2		
1A05I1	1MEM3	04-150	341	I A05I1	B12/H4		
1A05I1	1MEM4	04-156	341	I A05I1	B12/H6		
1A05I1	1MEM5	04-162	341	I A05I1	B12/H7		
1A06I1	1MPDMC	04-132	108	O A6I1	B10/H3	*	
1A06I1	1MEM1	04-138	342	I A06I1	B12/H0		
1A06I1	04-143	04-143	048	IO	B10/C3	*	
1A06I1	1MEM2	04-144	342	I A06I1	B12/H2		
1A06I1	1MEM3	04-150	342	I A06I1	B12/H4		
1A06I1	1MEM4	04-156	342	I A06I1	B12/H6		
1A06I1	1MEM5	04-162	342	I A06I1	B12/H7		
1A07I1	1MPDMC	04-132	311	O A7I1	B10/H3	*	
1A07I1	1MEM1	04-138	317	I A07I1	B12/H0		
1A07I1	04-143	04-143	014	IO	B10/C3	*	
1A07I1	1MEM2	04-144	317	I A07I1	B12/H2		
1A07I1	1MEM3	04-150	317	I A07I1	B12/H4		
1A07I1	1MEM4	04-156	317	I A07I1	B12/H6		
1A07I1	1MEM5	04-162	317	I A07I1	B12/H7		
1A08I1	1MPDMC	04-132	211	O A8I1	B10/H3	*	
1A08I1	1MEM1	04-138	318	I A08I1	B12/H0		
1A08I1	04-143	04-143	015	IO	B10/C3	*	
1A08I1	1MEM2	04-144	318	I A08I1	B12/H2		
1A08I1	1MEM3	04-150	318	I A08I1	B12/H4		
1A08I1	1MEM4	04-156	318	I A08I1	B12/H6		
1A08I1	1MEM5	04-162	318	I A08I1	B12/H7		
1A09I1	1MPDMC	04-132	111	O A9I1	B10/H3	*	
1A09I1	1MEM1	04-138	219	I A09I1	B12/H0		
1A09I1	04-143	04-143	017	IO	B10/C3	*	
1A09I1	1MEM2	04-144	219	I A09I1	B12/H2		
1A09I1	1MEM3	04-150	219	I A09I1	B12/H4		
1A09I1	1MEM4	04-156	219	I A09I1	B12/H6		
1A09I1	1MEM5	04-162	219	I A09I1	B12/H7		
1A10I1	1MPDMC	04-132	011	O A10I1	B10/H3	*	
1A10I1	1MEM1	04-138	332	I A10I1	B12/H0		
1A10I1	04-143	04-143	034	IO	B10/C3	*	
1A10I1	1MEM2	04-144	332	I A10I1	B12/H2		
1A10I1	1MEM3	04-150	332	I A10I1	B12/H4		
1A10I1	1MEM4	04-156	332	I A10I1	B12/H6		
1A10I1	1MEM5	04-162	332	I A10I1	B12/H7		
1A11I1	1MPDMC	04-132	310	O A11I1	B10/H3	*	
1A11I1	1MEM1	04-138	333	I A11I1	B12/H0		
1A11I1	04-143	04-143	035	IO	B10/C3	*	
1A11I1	1MEM2	04-144	333	I A11I1	B12/H2		
1A11I1	1MEM3	04-150	333	I A11I1	B12/H4		
1A11I1	1MEM4	04-156	333	I A11I1	B12/H6		
1A11I1	1MEM5	04-162	333	I A11I1	B12/H7		
1A12I1	1MPDMC	04-132	110	O A12I1	B10/H3	*	
1A12I1	1MEM1	04-138	335	I A12I1	B12/H0		
1A12I1	04-143	04-143	037	IO	B10/C3	*	
1A12I1	1MEM2	04-144	335	I A12I1	B12/H2		
1A12I1	1MEM3	04-150	335	I A12I1	B12/H4		
1A12I1	1MEM4	04-156	335	I A12I1	B12/H6		
1A12I1	1MEM5	04-162	335	I A12I1	B12/H7		
1A13I1	1MPDMC	04-132	010	O A13I1	B10/H3	*	
1A13I1	1MEM1	04-138	336	I A13I1	B12/H0		
1A13I1	04-143	04-143	040	IO	B10/C3	*	
1A13I1	1MEM2	04-144	336	I A13I1	B12/H2		

25 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1A131I1	1MEM3	04-150	336	I	A131I	B12/H4	
1A131I1	1MEM4	04-156	336	I	A131I	B12/H6	
1A131I1	1MEM5	04-162	336	I	A131I	B12/H7	
1A141I1	1MPDMC	04-132	309	O	A141I	B10/H3	*
1A141I1	1MEM1	04-138	237	I	A141I	B12/H0	
1A141I1	04-143	04-143	041	IO		B10/C3	*
1A141I1	1MEM2	04-144	237	I	A141I	B12/H2	
1A141I1	1MEM3	04-150	237	I	A141I	B12/H4	
1A141I1	1MEM4	04-156	237	I	A141I	B12/H6	
1A141I1	1MEM5	04-162	237	I	A141I	B12/H7	
1A151I1	1MPDMC	04-132	209	O	A151I	B10/H3	*
1A151I1	1MEM1	04-138	338	I	A151I	B12/H0	
1A151I1	04-143	04-143	043	IO		B10/C3	*
1A151I1	1MEM2	04-144	338	I	A151I	B12/H2	
1A151I1	1MEM3	04-150	338	I	A151I	B12/H4	
1A151I1	1MEM4	04-156	338	I	A151I	B12/H6	
1A151I1	1MEM5	04-162	338	I	A151I	B12/H7	
1A161I1	1MPDMC	04-132	109	O	A161I	B10/H3	*
1A161I1	1MEM1	04-138	217	I	A161I	B12/H0	
1A161I1	04-143	04-143	013	IO		B10/C3	*
1A161I1	1MEM2	04-144	217	I	A161I	B12/H2	
1A161I1	1MEM3	04-150	217	I	A161I	B12/H4	
1A161I1	1MEM4	04-156	217	I	A161I	B12/H6	
1A161I1	1MEM5	04-162	217	I	A161I	B12/H7	
1A171I1	1MPDMC	04-132	009	O	A171I	B10/H3	*
1A171I1	1MEM1	04-138	213	I	A171I	B12/H0	
1A171I1	04-143	04-143	008	IO		B10/C3	*
1A171I1	1MEM2	04-144	213	I	A171I	B12/H2	
1A171I1	1MEM3	04-150	213	I	A171I	B12/H4	
1A171I1	1MEM4	04-156	213	I	A171I	B12/H6	
1A171I1	1MEM5	04-162	213	I	A171I	B12/H7	
1A181I1	1MPDMC	04-132	308	O	A181I	B10/H3	*
1A181I1	1MEM1	04-138	209	I	A181I	B12/H0	
1A181I1	04-143	04-143	007	IO		B10/C3	*
1A181I1	1MEM2	04-144	209	I	A181I	B12/H2	
1A181I1	1MEM3	04-150	209	I	A181I	B12/H4	
1A181I1	1MEM4	04-156	209	I	A181I	B12/H6	
1A181I1	1MEM5	04-162	209	I	A181I	B12/H7	
1A1920I0	1MPDMC	04-132	124	O	A1921I0	B10/H3	*
1A1920I0	1MEM1	04-138	019	I	A1910	B12/H0	
1A1920I0	04-143	04-143	016	IO		B12/G0	*
1A1920I0	1MEM2	04-144	019	I	A1910	B12/H2	
1A1920I0	1MEM3	04-150	019	I	A1910	B12/H4	
1A1920I0	1MEM4	04-156	019	I	A1910	B12/H6	
1A1920I0	1MEM5	04-162	019	I	A1910	B12/H7	
1A191I1	1MPDMC	04-132	224	O	A191I	B10/H3	*
1A191I1	1MEM1	04-138	037	I	A191I	B12/H0	
1A191I1	04-143	04-143	042	IO		B10/C3	*
1A191I1	1MEM2	04-144	037	I	A191I	B12/H2	
1A191I1	1MEM3	04-150	037	I	A191I	B12/H4	
1A191I1	1MEM4	04-156	037	I	A191I	B12/H6	
1A191I1	1MEM5	04-162	037	I	A191I	B12/H7	
1A201I1	1MPDMC	04-132	024	O	A201I	B10/H3	*
1A201I1	1MEM1	04-138	017	I	A201I	B12/H0	
1A201I1	04-143	04-143	011	IO		B10/C3	*
1A201I1	1MEM2	04-144	017	I	A201I	B12/H2	
1A201I1	1MEM3	04-150	017	I	A201I	B12/H4	
1A201I1	1MEM4	04-156	017	I	A201I	B12/H6	
1A201I1	1MEM5	04-162	017	I	A201I	B12/H7	
1A211I1	1MPDMC	04-132	154	I	4MB0	B10/H3	
1A211I1	1MEM1	04-138	355	IO	0A2	B12/H0	
1A211I1	1MEM2	04-144	355	IO	0A2	B12/H2	
1A211I1	04-149	04-149	035	IO		B12/B1	*
1A211I1	1MEM3	04-150	355	IO	0A2	B12/H4	
1A211I1	1MEM4	04-156	355	IO	0A2	B12/H6	
1A211I1	1MEM5	04-162	355	IO	0A2	B12/H7	
1ABORT0	1MPC	04-108	308	I	ABORT0	B7/F3	
1ABORT0	1MPS	04-114	006	O	ABORT0	B6/H3	
1ADPC00	1MPDMC	04-132	132	I	ADPC00	B10/H3	
1ADPC00	1MEM1	04-138	114	O	ADPC00	B12/H0	*
1ADPC00	04-143	04-143	009	IO		B12/B2	*
1ADPC00	1MEM2	04-144	114	O	ADPC00	B12/H2	
1ADPC00	1MEM3	04-150	114	O	ADPC00	B12/H4	
1ADPC00	1MEM4	04-156	114	O	ADPC00	B12/H6	
1ADPC00	1MEM5	04-162	114	O	ADPC00	B12/H7	
1ADPRO0	1MPDMC	04-132	232	I	ADPRO0	B10/H3	
1ADPRO0	1MEM1	04-138	215	O	ADPRO0	B12/H0	*
1ADPRO0	04-143	04-143	010	IO		B12/B2	*
1ADPRO0	1MEM2	04-144	215	O	ADPRO0	B12/H2	
1ADPRO0	1MEM3	04-150	215	O	ADPRO0	B12/H4	
1ADPRO0	1MEM4	04-156	215	O	ADPRO0	B12/H6	
1ADPRO0	1MEM5	04-162	215	O	ADPRO0	B12/H7	

26 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1AFF0	04-082	04-082	305	IO		B7/G5	*
1AFF0	1MPC	04-108	209	I	AFF0	B7/F3	
1AFF0	1MPS	04-114	306	I	AFF0	B6/H3	
1AFF0	1MPCOM	04-120	323	O	AFF0	B8/F3	
1AFF0	1ROMRAM	04-126	323	I	AFF0	B9/H2	
1AIO1	04-082	04-082	218	IO		B7/G5	*
1AIO1	1MPC	04-108	207	I	AIO1	B7/F3	
1AIO1	1MPS	04-114	307	O	AIO1	B6/H3	
1AIO1	1MPCOM	04-120	254	I	AIO1	B8/F3	
1AIO1	1ROMRAM	04-126	255	I	AIO1	B9/H2	
1AIO1	1MPDMC	04-132	155	I	AIO1	B10/H3	
1ALCPI0P	0ROMRAM	04-058	145	I	IDLI1A0	B4/H2	*
1ALCPI0P	04-063	04-063	024	IO		B4/G2	*
1ALCPI1P	04-125	04-125	024	IO		B9/G1	*
1ALCPI1P	1ROMRAM	04-126	145	I	IDLI1A0	B9/H2	*
1ALRMD0P	04-063	04-063	056	IO		B3/G3	*
1ALRMD0P	0MPCOM	04-064	056	I	1ADLIRC	B3/G3	*
1ALRMD1P	1MPCOM	04-120	056	I	1ADLIRC	B8/F3	*
1ALRMD1P	04-125	04-125	056	IO		B8/G2	*
1ALRMP0P	04-063	04-063	055	IO		B3/G3	*
1ALRMP0P	0MPCOM	04-064	021	I	1APARI	B3/G3	*
1ALRMP1P	1MPCOM	04-120	021	I	1APARI	B8/F3	*
1ALRMP1P	04-125	04-125	055	IO		B8/G2	*
1B0DLCK	1MPCOM	04-120	319	O	B0DLCK	B8/F3	
1B0DLCK	1ROMRAM	04-126	052	I	0DLICK	B9/H2	
1B0PARCK	1MPCOM	04-120	216	O	B0PARCK	B8/F3	
1B0PARCK	1ROMRAM	04-126	244	I	1DLIOCK	B9/H2	
1B1DLCK	1MPCOM	04-120	317	O	B1DLCK	B8/F3	
1B1DLCK	1ROMRAM	04-126	156	I	1DLICK	B9/H2	
1B1PARCK	1MPCOM	04-120	214	O	B1PARCK	B8/F3	
1B1PARCK	1ROMRAM	04-126	144	I	1DLIICK	B9/H2	
1BLCPI0P	0ROMRAM	04-058	045	I	IDLI1B0	B4/H2	*
1BLCPI0P	04-063	04-063	023	IO		B4/G2	*
1BLCPI1P	04-125	04-125	023	IO		B9/G1	*
1BLCPI1P	1ROMRAM	04-126	045	I	IDLI1B0	B9/H2	*
1BLKINT1	1MPC	04-108	108	O	BLKINT1	B7/F3	
1BLKINT1	1MPS	04-114	352	I	BLKINT1	B6/H3	
1BLRMD0P	04-063	04-063	054	IO		B3/G3	*
1BLRMD0P	0MPCOM	04-064	055	I	1BDLIRC	B3/G3	*
1BLRMD1P	1MPCOM	04-120	055	I	1BDLIRC	B8/F3	*
1BLRMD1P	04-125	04-125	054	IO		B8/G1	*
1BLRMP0P	04-063	04-063	053	IO		B3/G3	*
1BLRMP0P	0MPCOM	04-064	017	I	1BPARI	B3/G3	*
1BLRMP1P	1MPCOM	04-120	017	I	1BPARI	B8/F3	*
1BLRMP1P	04-125	04-125	053	IO		B8/G1	*
1BPFA0	04-087	04-087	051	IO		B9/G1	*
1BPFA0	1ROMRAM	04-126	242	I	BPFA0	B9/H2	*
1BPS1	04-082	04-082	033	IO		B8/G3	*
1BPS1	1MPCOM	04-120	203	I	SENSE1	B8/F3	
1BPS2	04-082	04-082	034	IO		B8/G3	*
1BPS2	1MPCOM	04-120	103	I	SENSE2	B8/F3	
1BREAK0	1MPS	04-114	251	I	XERR0	B6/H3	
1BREAK0	1MPCOM	04-120	207	O	BREAK0	B8/F3	
1BSYBIT0	1BTSR	04-100	302	O	1BSYBIT0	B15/F3	
1BSYBIT0	1ROMRAM	04-126	049	I	IN2	B9/H2	
1BTPASS0	1BTSR	04-100	310	O	1BTPASS0	B15/F3	
1BTPASS0	1ROMRAM	04-126	249	I	IN3	B9/H2	
1BTFRS0	1BTSR	04-100	110	O	1BTFRS0	B15/F3	
1BTFRS0	1ROMRAM	04-126	347	I	IN0	B9/H2	
1BTSRST0	1BTSR	04-100	209	I	1BTSRST0	B15/F3	
1BTSRST0	1MPS	04-114	009	O	BTSRST0	B6/H3	
1BTSSEL0	1MPC	04-108	309	I	BTSSEL0	B7/F3	
1BTSSEL0	1MPS	04-114	109	O	BTSSEL0	B6/H3	
1BUSERR0	1MPC	04-108	140	I	BUSERR0	B7/F3	
1BUSERR0	1MPS	04-114	153	O	BUSERR0	B6/H3	
1BUSGTA0	1MPC	04-108	008	O	BUSGTA0	B7/F3	

27 LEAD INDEX (CONTINUED)								
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1BUSGTA0	1MPS	04-114	005	I	SBUSGTA0		B6/H3	
1BUSGTA0	1MPCOM	04-120	206	I	SBUSGTO		B8/F3	
1BUSZS0	1BTSR	04-100	202	O	1BUSZS0		B15/F3	
1BUSZS0	1ROMRAM	04-126	348	I	IN1		B9/H2	
1C+CP04L	1MPC	04-108	112	O	+CURPR		B7/F3	
1C+CP04L	1MPS	04-114	112	O	+CURPR		B6/H3	
1C+CP04L	1MPCOM	04-120	112	O	+CURPR		B8/F3	
1C+CP04L	1ROMRAM	04-126	112	O	+CURPR		B9/H2	
1C+CP04L	1MPDMC	04-132	112	O	+CURPR		B10/H3	
1C+CP04L	1MEM1	04-138	144	IO	PCURSPR		B12/H0	
1C+CP04L	1MEM2	04-144	144	IO	PCURSPR		B12/H2	
1C+CP04L	1MEM3	04-150	144	IO	PCURSPR		B12/H4	
1C+CP04L	1MEM4	04-156	144	IO	PCURSPR		B12/H6	
1C+CP04L	1MEM5	04-162	144	IO	PCURSPR		B12/H7	
1C+CP04L	MEMMP1C	04-178	017	I	CP (+)		B14/F4	
1C-CP04L	1MPC	04-108	012	O	-CURPR		B7/F3	
1C-CP04L	1MPS	04-114	012	O	-CURPR		B6/H3	
1C-CP04L	1MPCOM	04-120	012	O	-CURPR		B8/F3	
1C-CP04L	1ROMRAM	04-126	012	O	-CURPR		B9/H2	
1C-CP04L	1MPDMC	04-132	012	O	-CURPR		B10/H3	
1C-CP04L	1MEM1	04-138	146	IO	NCURPR		B12/H0	
1C-CP04L	1MEM2	04-144	146	IO	NCURPR		B12/H2	
1C-CP04L	1MEM3	04-150	146	IO	NCURPR		B12/H4	
1C-CP04L	1MEM4	04-156	146	IO	NCURPR		B12/H6	
1C-CP04L	1MEM5	04-162	146	IO	NCURPR		B12/H7	
1C-CP04L	MEMMP1C	04-178	117	I	CP (-)		B14/F4	
1C48R04L	01-175	01-175	0B0	P			B16/B5	*
1C48R04L	E14	01-175-0B0	1	P	PWR1		B16/B5	
1C48R04L	E14	01-175-0B0	2	P	PWR2		B16/B5	
1C48R04L	E14	01-175-0B0	3	P	PWR3		B16/B5	
1C48R04L	E14	01-175-0B0	4	P	PWR4		B16/B5	
1C48R04L	MEMMP1C	04-178	003	G	VIN (+)		B14/F4	
1C48R04L	MEMMP1C	04-178	004	G	VIN (+)		B14/F4	
1C48R04L	MEMMP1C	04-178	005	G	VIN (+)		B14/F4	
1C48R04L	MEMMP1C	04-178	102	G	VIN (+)		B14/F4	
1C48R04L	MEMMP1C	04-178	103	G	VIN (+)		B14/F4	
1C48R04L	MEMMP1C	04-178	104	G	VIN (+)		B14/F4	*
1C48R04L	MEMMP1C	04-178	203	G	VIN (+)		B14/F4	
1C48R04L	MEMMP1C	04-178	204	G	VIN (+)		B14/F4	
1C48R04L	MEMMP1C	04-178	205	G	VIN (+)		B14/F4	
1C48R04L	MEMMP1C	04-178	302	G	VIN (+)		B14/F4	
1C48R04L	MEMMP1C	04-178	303	G	VIN (+)		B14/F4	
1C48R04L	MEMMP1C	04-178	304	G	VIN (+)		B14/F4	
1CALM	04-131	04-131	045	IO			B14/D3	*
1CALM	04-131	04-131	046	IO			B14/D3	*
1CALM	MEMMP1C	04-178	014	O	ALM2		B14/F4	
1CALMP	04-131	04-131	047	IO			B14/F3	*
1CALMP	04-131	04-131	048	IO			B14/F3	*
1CALMP	MEMMP1C	04-178	113	I	ALM1		B14/F4	
1CFLY0	1MPCOM	04-120	306	I	CFLY0		B8/F3	
1CFLY0	1MPDMC	04-132	305	O	CFLY0		B10/H3	
1COOS04L	04-131	04-131	052	IO			B14/C3	*
1COOS04L	MEMMP1C	04-178	015	O	OOS (+)		B14/F4	
1COOS0C	04-057	04-057	034	IO			B9/B5	*
1COOS0C	1ROMRAM	04-126	207	O	0SOOSCON		B9/H2	*
1COOS0D	04-057	04-057	015	IO			B9/B6	*
1COOS0D	1ROMRAM	04-126	008	O	SSOOSDLI		B9/H2	*
1COOS1D	1ROMRAM	04-126	006	O	0SOOSDLI		B9/H2	*
1COOS1D	04-131	04-131	015	IO			B9/B5	*
1COOS48F	04-131	04-131	053	IO			B14/F3	*
1COOS48F	MEMMP1C	04-178	115	I	OOS (-)		B14/F4	
1CPFINT0	1MPS	04-114	051	I	CPFINT0		B6/H3	

A

B

C

D

E

F

G

H

28 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1CPFIN70	1MPCOM	04-120	208	I	CPFIN70	B8/F3	
1CPFIN70	1MPDMC	04-132	055	O	CPFIN70	B10/H3	
1CPFIN70	1MPCOM	04-120	108	I	CPFIN70	B8/F3	
1CPFIN70	1ROMRAM	04-126	205	O	CPFIN70	B9/H2	
1CRQIP0C	04-057	04-057	035	IO		B9/B6	*
1CRQIP0C	1ROMRAM	04-126	206	O	0SRQPCON	B9/H2	*
1CRQIP0D	04-057	04-057	016	IO		B9/B6	*
1CRQIP0D	1ROMRAM	04-126	009	O	SSRQPDLI	B9/H2	*
1CRQIP1C	1ROMRAM	04-126	010	O	SSRQPCON	B9/H2	*
1CRQIP1C	04-131	04-131	033	IO		B9/B6	*
1CRQIP1D	1ROMRAM	04-126	005	O	0SRQPDLI	B9/H2	*
1CRQIP1D	04-131	04-131	016	IO		B9/B6	*
1CS1	04-131	04-131	049	IO		B14/F3	*
1CS1	MEMMP1C	04-178	011	I	RS1	B14/F4	*
1CS2	04-131	04-131	050	IO		B14/F3	*
1CS2	MEMMP1C	04-178	110	I	RS2	B14/F4	*
1CS3	04-131	04-131	051	IO		B14/F3	*
1CS3	MEMMP1C	04-178	109	I	RS3	B14/F4	*
1CSC04L	MEMMP1C	04-178	018	I	SA(+)	B14/F4	
1CSC04L	MEMMP1C	04-178	019	I	SC(+)	B14/F4	
1CSCX0C	0ROMRAM	04-058	307	I	0SSCXCON	B4/H2	*
1CSCX0C	04-131	04-131	035	IO		B4/G1	*
1CSCX1C	1ROMRAM	04-126	110	I	SSSCXCON	B9/H2	*
1CSCX1C	04-131	04-131	032	IO		B9/G1	*
1CSCY0C	0ROMRAM	04-058	306	I	0SSCYCON	B4/H2	*
1CSCY0C	04-131	04-131	036	IO		B4/G1	*
1CSCZ0C	0ROMRAM	04-058	305	I	0SSCZCON	B4/H2	*
1CSCZ0C	04-131	04-131	039	IO		B4/G1	*
1CSCZ1C	1ROMRAM	04-126	111	I	SSSCZCON	B9/H2	*
1CSCZ1C	04-131	04-131	034	IO		B9/G2	*
1D00B1	1MPDMC	04-132	250	IO	D00B1	B10/H3	
1D00B1	1MEM1	04-138	344	O	D00B0	B12/H0	*
1D00B1	1MEM2	04-144	344	O	D00B0	B12/H2	
1D00B1	04-149	04-149	040	IO		B12/B0	*
1D00B1	1MEM3	04-150	344	O	D00B0	B12/H4	
1D00B1	1MEM4	04-156	344	O	D00B0	B12/H6	
1D00B1	1MEM5	04-162	344	O	D00B0	B12/H7	
1D01B1	1MPDMC	04-132	050	IO	D01B1	B10/H3	
1D01B1	1MEM1	04-138	347	O	D01B0	B12/H0	*
1D01B1	1MEM2	04-144	347	O	D01B0	B12/H2	
1D01B1	04-149	04-149	045	IO		B12/B0	*
1D01B1	1MEM3	04-150	347	O	D01B0	B12/H4	
1D01B1	1MEM4	04-156	347	O	D01B0	B12/H6	
1D01B1	1MEM5	04-162	347	O	D01B0	B12/H7	
1D02B1	1MPDMC	04-132	349	IO	D02B1	B10/H3	
1D02B1	1MEM1	04-138	350	O	D02B0	B12/H0	*
1D02B1	1MEM2	04-144	350	O	D02B0	B12/H2	
1D02B1	04-149	04-149	049	IO		B12/B0	*
1D02B1	1MEM3	04-150	350	O	D02B0	B12/H4	
1D02B1	1MEM4	04-156	350	O	D02B0	B12/H6	
1D02B1	1MEM5	04-162	350	O	D02B0	B12/H7	
1D03B1	1MPDMC	04-132	249	IO	D03B1	B10/H3	
1D03B1	1MEM1	04-138	353	O	D03B0	B12/H0	*
1D03B1	1MEM2	04-144	353	O	D03B0	B12/H2	
1D03B1	04-149	04-149	053	IO		B12/B0	*
1D03B1	1MEM3	04-150	353	O	D03B0	B12/H4	
1D03B1	1MEM4	04-156	353	O	D03B0	B12/H6	
1D03B1	1MEM5	04-162	353	O	D03B0	B12/H7	
1D04B1	1MPDMC	04-132	149	IO	D04B1	B10/H3	
1D04B1	1MEM1	04-138	301	O	D04B0	B12/H0	*
1D04B1	1MEM2	04-144	301	O	D04B0	B12/H2	
1D04B1	04-149	04-149	000	IO		B12/B0	*
1D04B1	1MEM3	04-150	301	O	D04B0	B12/H4	
1D04B1	1MEM4	04-156	301	O	D04B0	B12/H6	
1D04B1	1MEM5	04-162	301	O	D04B0	B12/H7	
1D05B1	1MPDMC	04-132	049	IO	D05B1	B10/H3	
1D05B1	1MEM1	04-138	304	O	D05B0	B12/H0	*
1D05B1	1MEM2	04-144	304	O	D05B0	B12/H2	
1D05B1	04-149	04-149	004	IO		B12/B0	*
1D05B1	1MEM3	04-150	304	O	D05B0	B12/H4	
1D05B1	1MEM4	04-156	304	O	D05B0	B12/H6	
1D05B1	1MEM5	04-162	304	O	D05B0	B12/H7	
1D06B1	1MPDMC	04-132	348	IO	D06B1	B10/H3	
1D06B1	1MEM1	04-138	307	O	D06B0	B12/H0	*

29 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1D06B1	1MEM2	04-144	307	O	D06B0	B12/H2	
1D06B1	04-149	04-149	008	IO		B12/B0	*
1D06B1	1MEM3	04-150	307	O	D06B0	B12/H4	
1D06B1	1MEM4	04-156	307	O	D06B0	B12/H6	
1D06B1	1MEM5	04-162	307	O	D06B0	B12/H7	
1D07B1	1MPDMC	04-132	248	IO	D07B1	B10/H3	
1D07B1	1MEM1	04-138	310	O	D07B0	B12/H0	*
1D07B1	1MEM2	04-144	310	O	D07B0	B12/H2	
1D07B1	04-149	04-149	013	IO		B12/B0	*
1D07B1	1MEM3	04-150	310	O	D07B0	B12/H4	
1D07B1	1MEM4	04-156	310	O	D07B0	B12/H6	
1D07B1	1MEM5	04-162	310	O	D07B0	B12/H7	
1D08B1	1MPDMC	04-132	148	IO	D08B1	B10/H3	
1D08B1	1MEM1	04-138	345	O	D08B0	B12/H0	*
1D08B1	1MEM2	04-144	345	O	D08B0	B12/H2	
1D08B1	04-149	04-149	042	IO		B12/B0	*
1D08B1	1MEM3	04-150	345	O	D08B0	B12/H4	
1D08B1	1MEM4	04-156	345	O	D08B0	B12/H6	
1D08B1	1MEM5	04-162	345	O	D08B0	B12/H7	
1D09B1	1MPDMC	04-132	048	IO	D09B1	B10/H3	
1D09B1	1MEM1	04-138	348	O	D09B0	B12/H0	*
1D09B1	1MEM2	04-144	348	O	D09B0	B12/H2	
1D09B1	04-149	04-149	047	IO		B12/B0	*
1D09B1	1MEM3	04-150	348	O	D09B0	B12/H4	
1D09B1	1MEM4	04-156	348	O	D09B0	B12/H6	
1D09B1	1MEM5	04-162	348	O	D09B0	B12/H7	
1D10B1	1MPDMC	04-132	347	IO	D10B1	B10/H3	
1D10B1	1MEM1	04-138	351	O	D10B0	B12/H0	*
1D10B1	1MEM2	04-144	351	O	D10B0	B12/H2	
1D10B1	04-149	04-149	051	IO		B12/B0	*
1D10B1	1MEM3	04-150	351	O	D10B0	B12/H4	
1D10B1	1MEM4	04-156	351	O	D10B0	B12/H6	
1D10B1	1MEM5	04-162	351	O	D10B0	B12/H7	
1D11B1	1MPDMC	04-132	247	IO	D11B1	B10/H3	
1D11B1	1MEM1	04-138	354	O	D11B0	B12/H0	*
1D11B1	1MEM2	04-144	354	O	D11B0	B12/H2	
1D11B1	04-149	04-149	055	IO		B12/B0	*
1D11B1	1MEM3	04-150	354	O	D11B0	B12/H4	
1D11B1	1MEM4	04-156	354	O	D11B0	B12/H6	
1D11B1	1MEM5	04-162	354	O	D11B0	B12/H7	
1D12B1	1MPDMC	04-132	147	IO	D12B1	B10/H3	
1D12B1	1MEM1	04-138	302	O	D12B0	B12/H0	*
1D12B1	1MEM2	04-144	302	O	D12B0	B12/H2	
1D12B1	04-149	04-149	001	IO		B12/B0	*
1D12B1	1MEM3	04-150	302	O	D12B0	B12/H4	
1D12B1	1MEM4	04-156	302	O	D12B0	B12/H6	
1D12B1	1MEM5	04-162	302	O	D12B0	B12/H7	
1D13B1	1MPDMC	04-132	346	IO	D13B1	B10/H3	
1D13B1	1MEM1	04-138	305	O	D13B0	B12/H0	*
1D13B1	1MEM2	04-144	305	O	D13B0	B12/H2	
1D13B1	04-149	04-149	005	IO		B12/B0	*
1D13B1	1MEM3	04-150	305	O	D13B0	B12/H4	
1D13B1	1MEM4	04-156	305	O	D13B0	B12/H6	
1D13B1	1MEM5	04-162	305	O	D13B0	B12/H7	
1D14B1	1MPDMC	04-132	246	IO	D14B1	B10/H3	
1D14B1	1MEM1	04-138	308	O	D14B0	B12/H0	*
1D14B1	1MEM2	04-144	308	O	D14B0	B12/H2	
1D14B1	04-149	04-149	009	IO		B12/B0	*
1D14B1	1MEM3	04-150	308	O	D14B0	B12/H4	
1D14B1	1MEM4	04-156	308	O	D14B0	B12/H6	
1D14B1	1MEM5	04-162	308	O	D14B0	B12/H7	
1D15B1	1MPDMC	04-132	146	IO	D15B1	B10/H3	
1D15B1	1MEM1	04-138	311	O	D15B0	B12/H0	*
1D15B1	1MEM2	04-144	311	O	D15B0	B12/H2	
1D15B1	04-149	04-149	014	IO		B12/B0	*
1D15B1	1MEM3	04-150	311	O	D15B0	B12/H4	
1D15B1	1MEM4	04-156	311	O	D15B0	B12/H6	
1D15B1	1MEM5	04-162	311	O	D15B0	B12/H7	
1D16B1	1MPDMC	04-132	046	IO	D16B1	B10/H3	
1D16B1	1MEM1	04-138	045	O	D16B0	B12/H0	*
1D16B1	1MEM2	04-144	045	O	D16B0	B12/H2	
1D16B1	04-149	04-149	041	IO		B12/B0	*
1D16B1	1MEM3	04-150	045	O	D16B0	B12/H4	
1D16B1	1MEM4	04-156	045	O	D16B0	B12/H6	
1D16B1	1MEM5	04-162	045	O	D16B0	B12/H7	
1D17B1	1MPDMC	04-132	345	IO	D17B1	B10/H3	
1D17B1	1MEM1	04-138	048	O	D17B0	B12/H0	*
1D17B1	1MEM2	04-144	048	O	D17B0	B12/H2	
1D17B1	04-149	04-149	046	IO		B12/B0	*
1D17B1	1MEM3	04-150	048	O	D17B0	B12/H4	
1D17B1	1MEM4	04-156	048	O	D17B0	B12/H6	
1D17B1	1MEM5	04-162	048	O	D17B0	B12/H7	
1D18B1	1MPDMC	04-132	245	IO	D18B1	B10/H3	

30	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1D18B1	1MEM1		04-138	051	O	D18B0	B12/H0	*
1D18B1	1MEM2		04-144	051	O	D18B0	B12/H2	
1D18B1	04-149		04-149	050	IO		B12/B0	*
1D18B1	1MEM3		04-150	051	O	D18B0	B12/H4	
1D18B1	1MEM4		04-156	051	O	D18B0	B12/H6	
1D18B1	1MEM5		04-162	051	O	D18B0	B12/H7	
1D19B1	1MPDMC		04-132	145	IO	D19B1	B10/H3	
1D19B1	1MEM1		04-138	054	O	D19B0	B12/H0	*
1D19B1	1MEM2		04-144	054	O	D19B0	B12/H2	
1D19B1	04-149		04-149	054	IO		B12/B0	*
1D19B1	1MEM3		04-150	054	O	D19B0	B12/H4	
1D19B1	1MEM4		04-156	054	O	D19B0	B12/H6	
1D19B1	1MEM5		04-162	054	O	D19B0	B12/H7	
1D20B1	1MPDMC		04-132	045	IO	D20B1	B10/H3	
1D20B1	1MEM1		04-138	002	O	D20B0	B12/H0	*
1D20B1	1MEM2		04-144	002	O	D20B0	B12/H2	
1D20B1	04-149		04-149	002	IO		B12/B0	*
1D20B1	1MEM3		04-150	002	O	D20B0	B12/H4	
1D20B1	1MEM4		04-156	002	O	D20B0	B12/H6	
1D20B1	1MEM5		04-162	002	O	D20B0	B12/H7	
1D21B1	1MPDMC		04-132	244	IO	D21B1	B10/H3	
1D21B1	1MEM1		04-138	005	O	D21B0	B12/H0	*
1D21B1	1MEM2		04-144	005	O	D21B0	B12/H2	
1D21B1	04-149		04-149	006	IO		B12/B0	*
1D21B1	1MEM3		04-150	005	O	D21B0	B12/H4	
1D21B1	1MEM4		04-156	005	O	D21B0	B12/H6	
1D21B1	1MEM5		04-162	005	O	D21B0	B12/H7	
1D22B1	1MPDMC		04-132	144	IO	D22B1	B10/H3	
1D22B1	1MEM1		04-138	008	O	D22B0	B12/H0	*
1D22B1	1MEM2		04-144	008	O	D22B0	B12/H2	
1D22B1	04-149		04-149	010	IO		B12/B0	*
1D22B1	1MEM3		04-150	008	O	D22B0	B12/H4	
1D22B1	1MEM4		04-156	008	O	D22B0	B12/H6	
1D22B1	1MEM5		04-162	008	O	D22B0	B12/H7	
1D23B1	1MPDMC		04-132	044	IO	D23B1	B10/H3	
1D23B1	1MEM1		04-138	011	O	D23B0	B12/H0	*
1D23B1	1MEM2		04-144	011	O	D23B0	B12/H2	
1D23B1	04-149		04-149	015	IO		B12/B0	*
1D23B1	1MEM3		04-150	011	O	D23B0	B12/H4	
1D23B1	1MEM4		04-156	011	O	D23B0	B12/H6	
1D23B1	1MEM5		04-162	011	O	D23B0	B12/H7	
1D24B1	1MPDMC		04-132	343	IO	D24B1	B10/H3	
1D24B1	1MEM1		04-138	046	O	D24B0	B12/H0	*
1D24B1	1MEM2		04-144	046	O	D24B0	B12/H2	
1D24B1	04-149		04-149	043	IO		B12/B0	*
1D24B1	1MEM3		04-150	046	O	D24B0	B12/H4	
1D24B1	1MEM4		04-156	046	O	D24B0	B12/H6	
1D24B1	1MEM5		04-162	046	O	D24B0	B12/H7	
1D25B1	1MPDMC		04-132	243	IO	D25B1	B10/H3	
1D25B1	1MEM1		04-138	049	O	D25B0	B12/H0	*
1D25B1	1MEM2		04-144	049	O	D25B0	B12/H2	
1D25B1	04-149		04-149	048	IO		B12/B0	*
1D25B1	1MEM3		04-150	049	O	D25B0	B12/H4	
1D25B1	1MEM4		04-156	049	O	D25B0	B12/H6	
1D25B1	1MEM5		04-162	049	O	D25B0	B12/H7	
1D26B1	1MPDMC		04-132	143	IO	D26B1	B10/H3	
1D26B1	1MEM1		04-138	052	O	D26B0	B12/H0	*
1D26B1	1MEM2		04-144	052	O	D26B0	B12/H2	
1D26B1	04-149		04-149	052	IO		B12/B0	*
1D26B1	1MEM3		04-150	052	O	D26B0	B12/H4	
1D26B1	1MEM4		04-156	052	O	D26B0	B12/H6	
1D26B1	1MEM5		04-162	052	O	D26B0	B12/H7	
1D27B1	1MPDMC		04-132	043	IO	D27B1	B10/H3	
1D27B1	1MEM1		04-138	055	O	D27B0	B12/H0	*
1D27B1	1MEM2		04-144	055	O	D27B0	B12/H2	
1D27B1	04-149		04-149	056	IO		B12/B0	*
1D27B1	1MEM3		04-150	055	O	D27B0	B12/H4	

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31 LEAD INDEX (CONTINUED)							
LDDESIG	FDDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1D27B1	1MEM4	04-156	055	O	D27B0	B12/H6	
1D27B1	1MEM5	04-162	055	O	D27B0	B12/H7	
1D28B1	1MPDMC	04-132	342	IO	D28B1	B10/H3	
1D28B1	1MEM1	04-138	003	O	D28B0	B12/H0	*
1D28B1	1MEM2	04-144	003	O	D28B0	B12/H2	
1D28B1	04-149	04-149	003	IO		B12/B0	*
1D28B1	1MEM3	04-150	003	O	D28B0	B12/H4	
1D28B1	1MEM4	04-156	003	O	D28B0	B12/H6	
1D28B1	1MEM5	04-162	003	O	D28B0	B12/H7	
1D29B1	1MPDMC	04-132	242	IO	D29B1	B10/H3	
1D29B1	1MEM1	04-138	006	O	D29B0	B12/H0	*
1D29B1	1MEM2	04-144	006	O	D29B0	B12/H2	
1D29B1	04-149	04-149	007	IO		B12/B0	*
1D29B1	1MEM3	04-150	006	O	D29B0	B12/H4	
1D29B1	1MEM4	04-156	006	O	D29B0	B12/H6	
1D29B1	1MEM5	04-162	006	O	D29B0	B12/H7	
1D30B1	1MPDMC	04-132	142	IO	D30B1	B10/H3	
1D30B1	1MEM1	04-138	009	O	D30B0	B12/H0	*
1D30B1	1MEM2	04-144	009	O	D30B0	B12/H2	
1D30B1	04-149	04-149	011	IO		B12/B0	*
1D30B1	1MEM3	04-150	009	O	D30B0	B12/H4	
1D30B1	1MEM4	04-156	009	O	D30B0	B12/H6	
1D30B1	1MEM5	04-162	009	O	D30B0	B12/H7	
1D31B1	1MPDMC	04-132	042	IO	D31B1	B10/H3	
1D31B1	1MEM1	04-138	012	O	D31B0	B12/H0	*
1D31B1	1MEM2	04-144	012	O	D31B0	B12/H2	
1D31B1	04-149	04-149	016	IO		B12/B0	*
1D31B1	1MEM3	04-150	012	O	D31B0	B12/H4	
1D31B1	1MEM4	04-156	012	O	D31B0	B12/H6	
1D31B1	1MEM5	04-162	012	O	D31B0	B12/H7	
1DA0	1MPDMC	04-132	041	IO	DA0	B10/H3	
1DA0	1MEM1	04-138	313	O	DPAB0	B12/H0	*
1DA0	1MEM2	04-144	313	O	DPAB0	B12/H2	
1DA0	04-149	04-149	019	IO		B12/B3	*
1DA0	1MEM3	04-150	313	O	DPAB0	B12/H4	
1DA0	1MEM4	04-156	313	O	DPAB0	B12/H6	
1DA0	1MEM5	04-162	313	O	DPAB0	B12/H7	
1DAFF0	04-082	04-082	236	IO		B6/C4	*
1DAFF0	1MPS	04-114	347	O	DAFF0	B6/H3	
1DI00	1MPDMC	04-132	040	IO	DI00	B10/H3	
1DI00	1MEM1	04-138	014	O	DH00B0	B12/H0	*
1DI00	1MEM2	04-144	014	O	DH00B0	B12/H2	
1DI00	04-149	04-149	017	IO		B12/B2	*
1DI00	1MEM3	04-150	014	O	DH00B0	B12/H4	
1DI00	1MEM4	04-156	014	O	DH00B0	B12/H6	
1DI00	1MEM5	04-162	014	O	DH00B0	B12/H7	
1DI10	1MPDMC	04-132	140	IO	DI10	B10/H3	
1DI10	1MEM1	04-138	314	O	DH01B0	B12/H0	*
1DI10	1MEM2	04-144	314	O	DH01B0	B12/H2	
1DI10	04-149	04-149	020	IO		B12/B2	*
1DI10	1MEM3	04-150	314	O	DH01B0	B12/H4	
1DI10	1MEM4	04-156	314	O	DH01B0	B12/H6	
1DI10	1MEM5	04-162	314	O	DH01B0	B12/H7	
1DI20	1MPDMC	04-132	240	IO	DI20	B10/H3	
1DI20	1MEM1	04-138	039	O	DH02B0	B12/H0	*
1DI20	1MEM2	04-144	039	O	DH02B0	B12/H2	
1DI20	04-149	04-149	037	IO		B12/B2	*
1DI20	1MEM3	04-150	039	O	DH02B0	B12/H4	
1DI20	1MEM4	04-156	039	O	DH02B0	B12/H6	
1DI20	1MEM5	04-162	039	O	DH02B0	B12/H7	
1DI30	1MPDMC	04-132	340	IO	DI30	B10/H3	
1DI30	1MEM1	04-138	042	O	DH03B0	B12/H0	*
1DI30	1MEM2	04-144	042	O	DH03B0	B12/H2	
1DI30	04-149	04-149	039	IO		B12/B2	*
1DI30	1MEM3	04-150	042	O	DH03B0	B12/H4	
1DI30	1MEM4	04-156	042	O	DH03B0	B12/H6	
1DI30	1MEM5	04-162	042	O	DH03B0	B12/H7	
1DMAIN0	1MPC	04-108	153	I	DMAIN0	B7/F3	
1DMAIN0	1MPS	04-114	208	O	DMAIN0	B6/H3	
1DMAIN0	1MPCOM	04-120	217	I	DMAIN0	B8/F3	
1DMARD0	1MPC	04-108	204	I	DMARD0	B7/F3	
1DMARD0	1MPCOM	04-120	106	O	DMARD0	B8/F3	
1DMARQ0	1MPC	04-108	152	I	BUSRQA0	B7/F3	
1DMARQ0	1MPCOM	04-120	345	O	DMARQ0	B8/F3	
1DMAWR0	1MPC	04-108	104	I	DMAWR0	B7/F3	
1DMAWR0	1MPCOM	04-120	204	O	DMAWR0	B8/F3	
1DMB10	04-082	04-082	234	IO		B6/C3	*
1DMB10	1MPS	04-114	045	O	DMB10	B6/H3	
1DMB20	04-082	04-082	334	IO		B6/C3	*
1DMB20	1MPS	04-114	145	O	DMB20	B6/H3	

32 LEAD INDEX (CONTINUED)							
LDDESIG	FDDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1DMB30	04-082	04-082	335	IO		B6/C3	*
1DMB30	1MPS	04-114	147	O	DMB30	B6/H3	
1DORRQ0	1MPC	04-108	053	I	DORRQ0	B7/F3	
1DORRQ0	1MPS	04-114	354	O	DORRQ0	B6/H3	
1DPERR0	1MPC	04-108	009	O	DPERR0	B7/F3	
1DPERR0	1MPS	04-114	204	I	DPERR0	B6/H3	
1DSCX0C	0ROMRAM	04-058	106	I	OSSCXDLI	B4/H2	*
1DSCX0C	04-131	04-131	017	IO		B4/G1	*
1DSCX1C	1ROMRAM	04-126	106	I	OSSCXDLI	B9/H2	*
1DSCX1C	04-131	04-131	013	IO		B9/G1	*
1DSCY0C	0ROMRAM	04-058	105	I	OSSCYDLI	B4/H2	*
1DSCY0C	04-131	04-131	018	IO		B4/G1	*
1DSCY1C	1ROMRAM	04-126	105	I	OSSCYDLI	B9/H2	*
1DSCY1C	04-131	04-131	014	IO		B9/G1	*
1DSOFT20	04-082	04-082	233	IO		B6/C4	*
1DSOFT20	1MPS	04-114	244	O	DSOFT20	B6/H3	
1DTHEN0	04-082	04-082	336	IO		B6/C4	*
1DTHEN0	1MPS	04-114	048	O	DTHEN0	B6/H3	
1DUP0	04-082	04-082	235	IO		B6/C4	*
1DUP0	1MPS	04-114	247	O	DUP0	B6/H3	
1DX0	1MPDMC	04-132	141	IO	DX0	B10/H3	
1DX0	1MEM1	04-138	015	O	DPXB0	B12/H0	*
1DX0	1MEM2	04-144	015	O	DPXB0	B12/H2	
1DX0	04-149	04-149	018	IO		B12/B2	*
1DX0	1MEM3	04-150	015	O	DPXB0	B12/H4	
1DX0	1MEM4	04-156	015	O	DPXB0	B12/H6	
1DX0	1MEM5	04-162	015	O	DPXB0	B12/H7	
1DY0	1MPDMC	04-132	341	IO	DY0	B10/H3	
1DY0	1MEM1	04-138	040	O	DPYB0	B12/H0	*
1DY0	1MEM2	04-144	040	O	DPYB0	B12/H2	
1DY0	04-149	04-149	036	IO		B12/B3	*
1DY0	1MEM3	04-150	040	O	DPYB0	B12/H4	
1DY0	1MEM4	04-156	040	O	DPYB0	B12/H6	
1DY0	1MEM5	04-162	040	O	DPYB0	B12/H7	
1DYNSEL1	1MPS	04-114	310	O	DYNSEL1	B6/H3	
1DYNSEL1	1ROMRAM	04-126	153	I	DYNSEL1	B9/H2	
1DYNSEL1	1MPDMC	04-132	106	I	DYNSEL1	B10/H3	
1DZ0	1MPDMC	04-132	339	IO	DZ0	B10/H3	
1DZ0	1MEM1	04-138	043	O	DPZB0	B12/H0	*
1DZ0	1MEM2	04-144	043	O	DPZB0	B12/H2	
1DZ0	04-149	04-149	038	IO		B12/B3	*
1DZ0	1MEM3	04-150	043	O	DPZB0	B12/H4	
1DZ0	1MEM4	04-156	043	O	DPZB0	B12/H6	
1DZ0	1MEM5	04-162	043	O	DPZB0	B12/H7	
1EMACT1	1MPC	04-108	208	O	EMACT1	B7/F3	
1EMACT1	1MPDMC	04-132	205	I	EMACT1	B10/H3	
1EXTRA4	1MPDMC	04-132	103	O	EXWE10	B10/H3	*
1EXTRA4	04-143	04-143	001	IO		B10/C2	*
1FA0	1MPCOM	04-120	223	I	FACT0	B8/F3	
1FA0	1ROMRAM	04-126	123	O	FA0	B9/H2	
1FR0	1MPS	04-114	350	I	FORCE0	B6/H3	
1FR0	1ROMRAM	04-126	122	O	FR0	B9/H2	
1FS0	1MPCOM	04-120	123	I	FINACT0	B8/F3	
1FS0	1ROMRAM	04-126	023	IO	CPIWIRE	B9/H2	
1FTEXT0	1MPC	04-108	022	I	FTEXT0	B7/F3	
1FTEXT0	1MPS	04-114	056	O	FTEXT0	B6/H3	
1GOIA1	1MEM2	04-144	223	I	GOI1	B12/H2	
1GOIA1	1MEM3	04-150	223	I	GOI1	B12/H4	
1GOIA1	1MEM4	04-156	223	I	GOI1	B12/H6	
1GOIC1	1MPDMC	04-132	307	O	GOIC1	B10/H3	*
1GOIC1	04-143	04-143	004	IO		B10/C1	*
1GOID1	1MPDMC	04-132	220	O	GOID1	B10/H3	*
1GOID1	04-143	04-143	005	IO		B10/C1	*
1HAMWIN0	1MPC	04-108	055	O	HAMWIN0	B7/F3	
1HAMWIN0	1ROMRAM	04-126	024	I	HAMWIN0	B9/H2	
1HAMWIN0	1MPDMC	04-132	032	I	HAMWIN0	B10/H3	
1INTA0	1MPC	04-108	353	O	INTA0	B7/F3	
1INTA0	1MPS	04-114	205	I	INTA0	B6/H3	
1INTA40	1MPC	04-108	348	O	INTA40	B7/F3	
1INTA40	1MPCOM	04-120	147	I	INTA0	B8/F3	

33 LEAD INDEX (CONTINUED)							
LDDESIG	FDDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1INTR0	1MPC	04-108	124	I	INTR40	B7/F3	
1INTR0	1MPCOM	04-120	122	O	INTR0	B8/F3	
1INTR50	1MPC	04-108	024	I	INTR50	B7/F3	
1INTR50	1ROMRAM	04-126	240	O	INTR50	B9/H2	
1IO8SEL1	04-082	04-082	223	IO		B6/C4	*
1IO8SEL1	1MPS	04-114	011	O	IO8SEL1	B6/H3	
1IO8SEL1	1MPCOM	04-120	355	I	IO8SEL1	B8/F3	
1IO8SEL1	1ROMRAM	04-126	355	I	IO8SEL1	B9/H2	
1IO8SEL1	1MPDMC	04-132	255	I	IO8SEL1	B10/H3	
1IOD0	04-082	04-082	317	IO		B6/C3	*
1IOD0	1MPS	04-114	234	IO	IOD0	B6/H3	
1IOD0	1MPCOM	04-120	248	IO	IOD0	B8/F3	
1IOD0	1ROMRAM	04-126	248	IO	IOD0	B9/H2	
1IOD0	1MPDMC	04-132	051	IO	IOD0	B10/H3	
1IOD1	04-082	04-082	315	IO		B6/C3	*
1IOD1	1MPS	04-114	334	IO	IOD1	B6/H3	
1IOD1	1MPCOM	04-120	349	IO	IOD1	B8/F3	
1IOD1	1ROMRAM	04-126	349	IO	IOD1	B9/H2	
1IOD1	1MPDMC	04-132	151	IO	IOD1	B10/H3	
1IOD2	04-082	04-082	314	IO		B6/C3	*
1IOD2	1MPS	04-114	333	IO	IOD2	B6/H3	
1IOD2	1MPCOM	04-120	250	IO	IOD2	B8/F3	
1IOD2	1ROMRAM	04-126	250	IO	IOD2	B9/H2	
1IOD2	1MPDMC	04-132	251	IO	IOD2	B10/H3	

34 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
1LCPCCK0P	04-063	04-063	050	IO	B3/G2	*	
1LCPCCK0P	0MPCOM	04-064	120	I 1PARCLK	B3/G3	*	
1LCPCCK1P	1MPCOM	04-120	120	I 1PARCLK	B8/F3	*	
1LCPCCK1P	04-125	04-125	050	IO	B8/G1	*	
1LINTOUP	04-063	04-063	018	IO	B3/G2	*	
1LINTOUP	0MPCOM	04-064	347	I DL1ERR0	B3/G3	*	
1LINT1UP	1MPCOM	04-120	347	I DL1ERR0	B8/F3	*	
1LINT1UP	04-125	04-125	018	IO	B8/G1	*	
1LMTCK0P	04-063	04-063	051	IO	B3/G2	*	
1LMTCK0P	0MPCOM	04-064	153	I 1DLICK	B3/G3	*	
1LMTCK1P	1MPCOM	04-120	153	I 1DLICK	B8/F3	*	
1LMTCK1P	04-125	04-125	051	IO	B8/G1	*	
1LRCD0UP	04-063	04-063	019	IO	B3/G2	*	
1LRCD0UP	0MPCOM	04-064	044	I DL11IN	B3/G3	*	
1LRCD1UP	1MPCOM	04-120	044	I DL11IN	B8/F3	*	
1LRCD1UP	04-125	04-125	019	IO	B8/G1	*	
1MD0	1MPCOM	04-120	305	I MD0	B8/F3		
1MD0	1ROMRAM	04-126	341	IO MD0	B9/H2		
1MEMERR0	1MPS	04-114	249	I MEMERR0	B6/H3		
1MEMERR0	1MPDMC	04-132	355	O MEMERR0	B10/H3		
1MESELA0	1MPDMC	04-132	223	O SELB50	B10/H3	*	
1MESELA0	04-143	04-143	033	IO	B10/C2	*	
1MESELB0	1MPDMC	04-132	322	O SELB60	B10/H3	*	
1MESELB0	04-143	04-143	023	IO	B10/C2	*	
1MESELC0	1MPDMC	04-132	122	O SELB70	B10/H3	*	
1MESELC0	04-143	04-143	024	IO	B10/C2	*	
1MESELD0	1MPDMC	04-132	022	O SELB80	B10/H3	*	
1MESELD0	04-143	04-143	032	IO	B10/C2	*	
1MESELE0	1MPDMC	04-132	020	O SELB90	B10/H3	*	
1MESELE0	04-143	04-143	050	IO	B10/C2	*	
1MESELF0	1MPDMC	04-132	121	O SELB100	B10/H3	*	
1MESELF0	04-143	04-143	051	IO	B10/C2	*	
1MESELG0	1MPDMC	04-132	319	O SELB110	B10/H3	*	
1MESELG0	04-143	04-143	052	IO	B10/C2	*	
1MESELH0	1MPDMC	04-132	320	O SELB120	B10/H3	*	
1MESELH0	04-143	04-143	053	IO	B10/C2	*	
1MESELI0	1MPDMC	04-132	321	O SELB130	B10/H3	*	
1MESELI0	04-143	04-143	054	IO	B10/C2	*	
1MESELJ0	1MPDMC	04-132	323	O SELB140	B10/H3	*	
1MESELJ0	04-143	04-143	055	IO	B10/C2	*	
1MESELK0	1MPDMC	04-132	021	O SELB150	B10/H3	*	
1MESELK0	04-143	04-143	056	IO	B10/C2	*	
1MONINV0	04-082	04-082	307	IO	B6/F4	*	
1MONINV0	1MPS	04-114	351	I MONINV0	B6/H3		
1MPF0	0MPCOM	04-064	140	I MPF0	B3/G3		
1MPF0	0MPC	04-076	223	I MPF0	B2/F2	*	
1MPF0	04-131	04-131	024	IO	B2/G5	*	
1MWTERRO	1MPC	04-108	354	O MWTERRO	B7/F3		
1MWTERRO	1MPS	04-114	252	I MWTERRO	B6/H3		
1NAB	04-119	04-119	014	IO	B8/B2	*	
1NAB	1MPCOM	04-120	240	O NAB	B8/F3	*	
1NOREF0	1MPCOM	04-120	110	O NOREF0	B8/F3		
1NOREF0	1MPDMC	04-132	002	I NOREF0	B10/H3		
1PARCLK	1MPC	04-108	304	O PARCLK	B7/F3		
1PARCLK	1MPS	04-114	206	I PARCLK	B6/H3		
1PERERR0	1MPS	04-114	248	I PERERR0	B6/H3		
1PERERR0	1MPCOM	04-120	247	O PERERR0	B8/F3		
1PISEL0	1MPC	04-108	355	I PISEL0	B7/F3		
1PISEL0	1MPS	04-114	111	O PISEL0	B6/H3		
1PNMIO	1MPC	04-108	224	I PNMIO	B7/F3		
1PNMIO	1MPS	04-114	152	O PNMIO	B6/H3		
1PNMIO	1MPCOM	04-120	224	I PNMIO	B8/F3		
1POR0	04-082	04-082	018	IO	B7/G6	*	
1POR0	1MPC	04-108	023	I RESTRTO	B7/F3		

35 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
1PROC1	04-082	04-082	333	IO	B6/C4	*	
1PROC1	1MPS	04-114	144	O DSOF10	B6/H3		
1PUMP0	BTSR	04-100	304	O 1PUMP0	B15/F3		
1PUMP0	1MPS	04-114	240	I PUMP0	B6/H3		
1RAMEN1	1MPS	04-114	010	O RAMEN1	B6/H3		
1RAMEN1	1ROMRAM	04-126	048	I RAMEN1	B9/H2		
1READI1	1MPDMC	04-132	306	O READI1	B10/H3	*	
1READI1	1MEM1	04-138	024	I READI1	B12/H0	*	
1READI1	04-143	04-143	022	IO	B12/G1	*	
1READI1	1MEM2	04-144	024	I READI1	B12/H2		
1READI1	1MEM3	04-150	024	I READI1	B12/H4		
1READI1	1MEM4	04-156	024	I READI1	B12/H6		
1READI1	1MEM5	04-162	024	I READI1	B12/H7		
1REFI0	1MPCOM	04-120	102	IO RBF10	B8/F3		
1REFI0	1MPDMC	04-132	102	O RBF10	B10/H3	*	
1REFI0	1MEM1	04-138	320	I RBF10	B12/H0		
1REFI0	04-143	04-143	018	IO	B12/G1	*	
1REFI0	1MEM2	04-144	320	I RBF10	B12/H2		
1REFI0	1MEM3	04-150	320	I RBF10	B12/H4		
1REFI0	1MEM4	04-156	320	I RBF10	B12/H6		
1REFI0	1MEM5	04-162	320	I RBF10	B12/H7		
1RES1	1ROMRAM	04-126	102	O FANRST	B9/H2	*	
1RESET0	1MPS	04-114	304	O RESET0	B6/H3		
1RESET0	1MPCOM	04-120	354	I RESET0	B8/F3		
1RESET0	1ROMRAM	04-126	354	I RESET0	B9/H2		
1RESET0	1MPDMC	04-132	302	I RESET0	B10/H3		
1RESRAM0	04-082	04-082	045	IO	B6/F5	*	
1RESRAM0	1MPS	04-114	209	I STS0	B6/H3		
1ROMEN0	1MPS	04-114	110	O ROMEN0	B6/H3		
1ROMEN0	1ROMRAM	04-126	046	I ROMEN0	B9/H2		
1RWP0	1MPC	04-108	054	O RWP0	B7/F3		
1RWP0	1ROMRAM	04-126	211	I RWP0	B9/H2		
1SA1	04-082	04-082	323	IO	B10/G3	*	
1SA1	1MPC	04-108	239	IO SA01	B7/F3		
1SA1	1MPS	04-114	318	I SA01	B6/H3		
1SA1	1MPCOM	04-120	139	IO SA1	B8/F3		
1SA1	1ROMRAM	04-126	139	I SA1	B9/H2		
1SA1	1MPDMC	04-132	139	I SA1	B10/H3		
1SA10	1MPC	04-108	037	IO SA10	B7/F3		
1SA10	1MPS	04-114	116	I SA10	B6/H3		
1SA10	1MPCOM	04-120	336	IO SA10	B8/F3		
1SA10	1ROMRAM	04-126	336	I SA10	B9/H2		
1SA10	1MPDMC	04-132	336	I SA10	B10/H3		
1SA11	1MPC	04-108	336	IO SA11	B7/F3		
1SA11	1MPS	04-114	015	I SA11	B6/H3		
1SA11	1MPCOM	04-120	236	IO SA11	B8/F3		
1SA11	1ROMRAM	04-126	236	I SA11	B9/H2		
1SA11	1MPDMC	04-132	236	I SA11	B10/H3		
1SA12	1MPC	04-108	236	IO SA12	B7/F3		
1SA12	1MPS	04-114	115	I SA12	B6/H3		
1SA12	1MPCOM	04-120	136	IO SA12	B8/F3		
1SA12	1ROMRAM	04-126	136	I SA12	B9/H2		
1SA12	1MPDMC	04-132	136	I SA12	B10/H3		
1SA13	1MPC	04-108	136	IO SA13	B7/F3		
1SA13	1MPS	04-114	215	I SA13	B6/H3		
1SA13	1MPCOM	04-120	036	IO SA13	B8/F3		
1SA13	1ROMRAM	04-126	036	I SA13	B9/H2		
1SA13	1MPDMC	04-132	036	I SA13	B10/H3		
1SA14	1MPC	04-108	036	IO SA14	B7/F3		
1SA14	1MPS	04-114	315	I SA14	B6/H3		
1SA14	1MPCOM	04-120	335	IO SA14	B8/F3		
1SA14	1ROMRAM	04-126	335	I SA14	B9/H2		
1SA14	1MPDMC	04-132	335	I SA14	B10/H3		
1SA15	1MPC	04-108	034	IO SA15	B7/F3		
1SA15	1MPS	04-114	314	I SA15	B6/H3		
1SA15	1MPCOM	04-120	333	IO SA15	B8/F3		
1SA15	1ROMRAM	04-126	333	I SA15	B9/H2		
1SA15	1MPDMC	04-132	333	I SA15	B10/H3		
1SA16	1MPC	04-108	134	IO SA16	B7/F3		
1SA16	1MPS	04-114	114	I SA16	B6/H3		
1SA16	1MPCOM	04-120	034	IO SA16	B8/F3		
1SA16	1ROMRAM	04-126	034	I SA16	B9/H2		
1SA16	1MPDMC	04-132	034	I SA16	B10/H3		
1SA17	1MPC	04-108	234	IO SA17	B7/F3		
1SA17	1MPS	04-114	014	I SA17	B6/H3		
1SA17	1MPCOM	04-120	134	IO SA17	B8/F3		
1SA17	1ROMRAM	04-126	134	I SA17	B9/H2		

36	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
1SA17	1MPDMC	04-132	134	I SA17	B10/H3		
1SA18	1MPC	04-108	334	IO SA18	B7/F3		
1SA18	1MPS	04-114	013	I SA18	B6/H3		
1SA18	1MPCOM	04-120	234	IO SA18	B8/F3		
1SA18	1ROMRAM	04-126	234	I SA18	B9/H2		
1SA18	1MPDMC	04-132	234	I SA18	B10/H3		
1SA19	1MPC	04-108	135	IO SA19	B7/F3		
1SA19	1MPS	04-114	113	I SA19	B6/H3		
1SA19	1MPCOM	04-120	334	IO SA19	B8/F3		
1SA19	1ROMRAM	04-126	334	I SA19	B9/H2		
1SA19	1MPDMC	04-132	334	I SA19	B10/H3		
1SA2	04-082	04-082	322	IO	B10/G3	*	
1SA2	1MPC	04-108	139	IO SA02	B7/F3		
1SA2	1MPS	04-114	218	I SA02	B6/H3		
1SA2	1MPCOM	04-120	039	IO SA2	B8/F3		
1SA2	1ROMRAM	04-126	039	I SA2	B9/H2		
1SA2	1MPDMC	04-132	039	I SA2	B10/H3		
1SA20	1MPC	04-108	335	IO SA20	B7/F3		
1SA20	1MPS	04-114	213	I SA20	B6/H3		
1SA20	1MPCOM	04-120	235	IO SA20	B8/F3		
1SA20	1ROMRAM	04-126	235	I SA20	B9/H2		
1SA20	1MPDMC	04-132	235	I SA20	B10/H3		
1SA21	1MPC	04-108	033	IO SA21	B7/F3		
1SA21	1MPS	04-114	211	I SA21	B6/H3		
1SA21	1MPCOM	04-120	232	IO SA21	B8/F3		
1SA21	1ROMRAM	04-126	232	I SA21	B9/H2		
1SA21	1MPDMC	04-132	350	I SA21	B10/H3		
1SA22	1MPC	04-108	032	IO SA22	B7/F3		
1SA22	1MPS	04-114	219	I SA22	B6/H3		
1SA22	1MPCOM	04-120	132	IO SA22	B8/F3		
1SA22	1ROMRAM	04-126	132	I SA22	B9/H2		
1SA22	1MPDMC	04-132	353	I SA22	B10/H3		
1SA23	1MPC	04-108	132	IO SA23	B7/F3		
1SA23	1MPS	04-114	019	I SA23	B6/H3		
1SA23	1MPCOM	04-120	024	IO SA23	B8/F3		
1SA23	1ROMRAM	04-126	032	I SA23	B9/H2		
1SA23	1MPDMC	04-132	254	I SA23	B10/H3		
1SA24	1MPC	04-108	232	IO SA24	B7/F3		
1SA24	1MPS	04-114	311	I SA24	B6/H3		
1SA24	1MPCOM	04-120	023	IO SA24	B8/F3		
1SA24	1ROMRAM	04-126	339	I SA24	B9/H2		
1SA24	1MPDMC	04-132	354	I SA24	B10/H3		
1SA3	04-082	04-082	321	IO	B10/G3	*	
1SA3	1MPC	04-108	039	IO SA03	B7/F3		
1SA3	1MPS	04-114	118	I SA03	B6/H3		
1SA3	1MPCOM	04-120	338	IO SA3	B8/F3		
1SA3	1ROMRAM	04-126	338	I SA3	B9/H2		
1SA3	1MPDMC	04-132	338	I SA3	B10/H3		
1SA4	04-082	04-082	320	IO	B10/G3	*	
1SA4	1MPC	04-108	338	IO SA04	B7/F3		
1SA4	1MPS	04-114	018	I SA04	B6/H3		
1SA4	1MPCOM	04-120	238	IO SA4	B8/F3		
1SA4	1ROMRAM	04-126	238	I SA4	B9/H2		
1SA4	1MPDMC	04-132	238	I SA4	B10/H3		
1SA5	04-082	04-082	221	IO	B10/G3	*	
1SA5	1MPC	04-108	238	IO SA05	B7/F3		
1SA5	1MPS	04-114	017	I SA05	B6/H3		
1SA5	1MPCOM	04-120	038	IO SA5	B8/F3		
1SA5	1ROMRAM	04-126	038	I SA5	B9/H2		
1SA5	1MPDMC	04-132	038	I SA5	B10/H3		
1SA6	04-082	04-082	220	IO	B10/G3	*	
1SA6	1MPC	04-108	038	IO SA06	B7/F3		
1SA6	1MPS	04-114	117	I SA06	B6/H3		

A

B

C

D

E

F

G

H

LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1SA6	1MPCOM	04-120	337	IO	SA6	B8/F3	
1SA6	1ROMRAM	04-126	337	I	SA6	B9/H2	
1SA6	1MPDMC	04-132	337	I	SA6	B10/H3	
1SA7	04-082	04-082	219	IO		B10/G3	*
1SA7	1MPC	04-108	337	IO	SA07	B7/F3	
1SA7	1MPS	04-114	217	I	SA07	B6/H3	
1SA7	1MPCOM	04-120	237	IO	SA7	B8/F3	
1SA7	1ROMRAM	04-126	237	I	SA7	B9/H2	
1SA7	1MPDMC	04-132	237	I	SA7	B10/H3	
1SA8	04-082	04-082	217	IO		B10/G3	*
1SA8	1MPC	04-108	237	IO	SA08	B7/F3	
1SA8	1MPS	04-114	316	I	SA08	B6/H3	
1SA8	1MPCOM	04-120	137	IO	SA8	B8/F3	
1SA8	1ROMRAM	04-126	137	I	SA8	B9/H2	
1SA8	1MPDMC	04-132	137	I	SA8	B10/H3	
1SA9	04-082	04-082	316	IO		B10/G3	*
1SA9	1MPC	04-108	137	IO	SA09	B7/F3	
1SA9	1MPS	04-114	216	I	SA09	B6/H3	
1SA9	1MPCOM	04-120	037	IO	SA9	B8/F3	
1SA9	1ROMRAM	04-126	037	I	SA9	B9/H2	
1SA9	1MPDMC	04-132	037	I	SA9	B10/H3	
1SANINH0	04-082	04-082	039	IO		B9/B4	*
1SANINH0	1MPS	04-114	053	I	SANINH0	B6/H3	
1SANINH0	1ROMRAM	04-126	256	O	SANINH0	B9/H2	
1SBHE0	1MPC	04-108	235	IO	SBHE0	B7/F3	
1SBHE0	1MPS	04-114	312	I	SBHE0	B6/H3	
1SBHE0	1MPCOM	04-120	135	IO	SBHE0	B8/F3	
1SBHE0	1ROMRAM	04-126	135	I	SBHE0	B9/H2	
1SBHE0	1MPDMC	04-132	135	I	SBHE0	B10/H3	
1SBLE0	04-082	04-082	324	IO		B7/C6	*
1SBLE0	1MPC	04-108	339	IO	SBLE0	B7/F3	
1SBLE0	1MPS	04-114	319	I	SBLE0	B6/H3	
1SBLE0	1MPCOM	04-120	239	IO	SBLE0	B8/F3	
1SBLE0	1ROMRAM	04-126	239	I	SBLE0	B9/H2	
1SBLE0	1MPDMC	04-132	239	I	SBLE0	B10/H3	
1SCAN1	1ROMRAM	04-126	103	I	FAN	B9/H2	*
1SCLOCK	1MPC	04-108	324	O	SCLOCK	B7/F3	
1SCLOCK	1MPS	04-114	003	I	SCLOCK	B6/H3	
1SCLOCK	1MPDMC	04-132	221	I	SCLOCK	B10/H3	
1SD0	1MPC	04-108	116	IO	SD00	B7/F3	
1SD0	1MPS	04-114	020	IO	SD00	B6/H3	
1SD0	1ROMRAM	04-126	314	IO	SD0	B9/H2	
1SD0	1MPDMC	04-132	314	IO	SD0B1	B10/H3	
1SD1	1MPC	04-108	216	IO	SD01	B7/F3	
1SD1	1MPS	04-114	120	IO	SD01	B6/H3	
1SD1	1ROMRAM	04-126	015	IO	SD1	B9/H2	
1SD1	1MPDMC	04-132	015	IO	SD1B1	B10/H3	
1SD10	1MPC	04-108	318	IO	SD10	B7/F3	
1SD10	1MPS	04-114	322	IO	SD10	B6/H3	
1SD10	1ROMRAM	04-126	217	IO	SD10	B9/H2	
1SD10	1MPDMC	04-132	217	IO	SD10B1	B10/H3	
1SD11	1MPC	04-108	019	IO	SD11	B7/F3	
1SD11	1MPS	04-114	323	IO	SD11	B6/H3	
1SD11	1ROMRAM	04-126	317	IO	SD11	B9/H2	
1SD11	1MPDMC	04-132	317	IO	SD11B1	B10/H3	
1SD12	1MPC	04-108	219	IO	SD12	B7/F3	
1SD12	1MPS	04-114	223	IO	SD12	B6/H3	
1SD12	1ROMRAM	04-126	018	IO	SD12	B9/H2	
1SD12	1MPDMC	04-132	018	IO	SD12B1	B10/H3	
1SD13	1MPC	04-108	319	IO	SD13	B7/F3	
1SD13	1MPS	04-114	123	IO	SD13	B6/H3	
1SD13	1ROMRAM	04-126	118	IO	SD13	B9/H2	
1SD13	1MPDMC	04-132	118	IO	SD13B1	B10/H3	
1SD14	1MPC	04-108	020	IO	SD14	B7/F3	
1SD14	1MPS	04-114	023	IO	SD14	B6/H3	
1SD14	1ROMRAM	04-126	218	IO	SD14	B9/H2	
1SD14	1MPDMC	04-132	218	IO	SD14B1	B10/H3	
1SD15	1MPC	04-108	120	IO	SD15	B7/F3	
1SD15	1MPS	04-114	024	IO	SD15	B6/H3	
1SD15	1ROMRAM	04-126	318	IO	SD15	B9/H2	
1SD15	1MPDMC	04-132	318	IO	SD15B1	B10/H3	
1SD2	1MPC	04-108	316	IO	SD02	B7/F3	
1SD2	1MPS	04-114	220	IO	SD02	B6/H3	
1SD2	1ROMRAM	04-126	115	IO	SD2	B9/H2	
1SD2	1MPDMC	04-132	115	IO	SD2B1	B10/H3	
1SD3	1MPC	04-108	017	IO	SD03	B7/F3	
1SD3	1MPS	04-114	320	IO	SD03	B6/H3	

LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1SD3	1ROMRAM	04-126	215	IO	SD3	B9/H2	
1SD3	1MPDMC	04-132	215	IO	SD3B1	B10/H3	
1SD4	1MPC	04-108	117	IO	SD04	B7/F3	
1SD4	1MPS	04-114	321	IO	SD04	B6/H3	
1SD4	1ROMRAM	04-126	315	IO	SD4	B9/H2	
1SD4	1MPDMC	04-132	315	IO	SD4B1	B10/H3	
1SD5	1MPC	04-108	217	IO	SD05	B7/F3	
1SD5	1MPS	04-114	221	IO	SD05	B6/H3	
1SD5	1ROMRAM	04-126	116	IO	SD5	B9/H2	
1SD5	1MPDMC	04-132	116	IO	SD5B1	B10/H3	
1SD6	1MPC	04-108	317	IO	SD06	B7/F3	
1SD6	1MPS	04-114	121	IO	SD06	B6/H3	
1SD6	1ROMRAM	04-126	216	IO	SD6	B9/H2	
1SD6	1MPDMC	04-132	216	IO	SD6B1	B10/H3	
1SD7	1MPC	04-108	018	IO	SD07	B7/F3	
1SD7	1MPS	04-114	021	IO	SD07	B6/H3	
1SD7	1ROMRAM	04-126	316	IO	SD7	B9/H2	
1SD7	1MPDMC	04-132	316	IO	SD7B1	B10/H3	
1SD8	1MPC	04-108	118	IO	SD08	B7/F3	
1SD8	1MPS	04-114	022	IO	SD08	B6/H3	
1SD8	1ROMRAM	04-126	017	IO	SD8	B9/H2	
1SD8	1MPDMC	04-132	017	IO	SD8B1	B10/H3	
1SD9	1MPC	04-108	218	IO	SD09	B7/F3	
1SD9	1MPS	04-114	122	IO	SD09	B6/H3	
1SD9	1ROMRAM	04-126	117	IO	SD9	B9/H2	
1SD9	1MPDMC	04-132	117	IO	SD9B1	B10/H3	
1SDEN0	1MPC	04-108	105	O	SDEN0	B7/F3	
1SDEN0	1MPS	04-114	102	I	SDEN0	B6/H3	
1SDEN0	1MPCOM	04-120	304	I	SDEN0	B8/F3	
1SDEN0	1ROMRAM	04-126	304	I	SDEN0	B9/H2	
1SDEN0	1MPDMC	04-132	304	I	SDEN0	B10/H3	
1SDIR	1MPC	04-108	005	O	SDIR	B7/F3	
1SDIR	1MPS	04-114	202	I	SDIR	B6/H3	
1SDIR	1MPCOM	04-120	104	I	SDIR	B8/F3	
1SDIR	1ROMRAM	04-126	104	I	SDIR	B9/H2	
1SDIR	1MPDMC	04-132	104	I	SDIR	B10/H3	
1SEAPAR	1MPC	04-108	133	IO	SEAPAR	B7/F3	
1SEAPAR	1MPS	04-114	212	I	SEAPAR	B6/H3	
1SEAPAR	1MPCOM	04-120	033	IO	SEAPAR	B8/F3	
1SEAPAR	1MPDMC	04-132	033	I	SEAPAR	B10/H3	
1SELB00	1MPDMC	04-132	213	O	SELB00	B10/H3	
1SELB00	1MEM1	04-138	033	I	SELIO	B12/H0	
1SELB10	1MPDMC	04-132	014	O	SELB10	B10/H3	
1SELB10	1MEM2	04-144	033	I	SELIO	B12/H2	
1SELB20	1MPDMC	04-132	114	O	SELB20	B10/H3	
1SELB20	1MEM3	04-150	033	I	SELIO	B12/H4	
1SELB30	1MPDMC	04-132	214	O	SELB30	B10/H3	
1SELB30	1MEM4	04-156	033	I	SELIO	B12/H6	
1SELB40	1MPDMC	04-132	120	O	SELB40	B10/H3	
1SELB40	1MEM5	04-162	033	I	SELIO	B12/H7	
1SETWP0	1MPC	04-108	256	O	SETWP0	B7/F3	
1SETWP0	1ROMRAM	04-126	302	I	SETWP0	B9/H2	
1SHAPAR	1MPC	04-108	233	IO	SHAPAR	B7/F3	
1SHAPAR	1MPS	04-114	214	IO	SHAPAR	B6/H3	
1SHAPAR	1MPCOM	04-120	133	IO	SHAPAR	B8/F3	
1SHAPAR	1ROMRAM	04-126	133	IO	SHAPAR	B9/H2	
1SHAPAR	1MPDMC	04-132	133	I	SHAPAR	B10/H3	
1SHDPAR	1MPC	04-108	320	IO	SHDPAR	B7/F3	
1SHDPAR	1MPS	04-114	224	IO	SHDPAR	B6/H3	
1SHDPAR	1MPCOM	04-120	219	IO	SHDPAR	B8/F3	
1SHDPAR	1ROMRAM	04-126	219	IO	SHDPAR	B9/H2	
1SHDPAR	1MPDMC	04-132	219	IO	SHDPARB	B10/H3	
1SHSTOP0	1MPC	04-108	155	I	SHSTOP0	B7/F3	
1SHSTOP0	1MPS	04-114	309	O	SHSTOP0	B6/H3	
1SID560	1MPDMC	04-132	054	I	SID560	B10/H3	
1SID560	04-143	04-143	002	IO		B10/G4	*
1SLAPAR	1MPC	04-108	333	IO	SLAPAR	B7/F3	
1SLAPAR	1MPS	04-114	317	I	SLAPAR	B6/H3	
1SLAPAR	1MPCOM	04-120	233	IO	SLAPAR	B8/F3	
1SLAPAR	1ROMRAM	04-126	233	I	SLAPAR	B9/H2	
1SLAPAR	1MPDMC	04-132	233	I	SLAPAR	B10/H3	
1SLDPAR	1MPC	04-108	220	IO	SLDPAR	B7/F3	
1SLDPAR	1MPS	04-114	124	IO	SLDPAR	B6/H3	
1SLDPAR	1ROMRAM	04-126	019	IO	SLDPAR	B9/H2	

39	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1SLDPAR	1MPDMC		04-132	019	IO	SDLPARB	B10/H3	
1STW0	04-082		04-082	037	IO		B8/G5	*
1STW0	1MPCOM		04-120	314	I	STW0	B8/F3	
1SU0ERR0	04-119		04-119	013	IO		B8/G2	*
1SU0ERR0	1MPCOM		04-120	324	I	SU0ERR0	B8/F3	
1SU0S0	1MPS		04-114	342	O	SU0S0	B6/H3	*
1SU0S0	04-119		04-119	047	IO		B6/C2	*
1SU0WTO	1MPS		04-114	245	I	SU0WTO	B6/H3	*
1SU0WTO	04-119		04-119	034	IO		B6/F1	*
1SU1ERR0	04-119		04-119	002	IO		B8/G2	*
1SU1ERR0	1MPCOM		04-120	322	I	SU1ERR0	B8/F3	
1SU1S0	1MPS		04-114	343	O	SU1S0	B6/H3	*
1SU1S0	04-119		04-119	010	IO		B6/C2	*
1SU1WTO	1MPS		04-114	345	I	SU1WTO	B6/H3	*
1SU1WTO	04-119		04-119	006	IO		B6/F2	*
1SU2ERR0	04-119		04-119	001	IO		B8/G2	*
1SU2ERR0	1MPCOM		04-120	320	I	SU2ERR0	B8/F3	
1SU2S0	1MPS		04-114	243	O	SU2S0	B6/H3	*
1SU2S0	04-119		04-119	009	IO		B6/C2	*
1SU2WTO	1MPS		04-114	346	I	SU2WTO	B6/H3	*
1SU2WTO	04-119		04-119	005	IO		B6/F2	*
1SU3ERR0	04-119		04-119	000	IO		B8/G2	*
1SU3ERR0	1MPCOM		04-120	318	I	SU3ERR0	B8/F3	
1SU3S0	1MPS		04-114	143	O	SU3S0	B6/H3	*
1SU3S0	04-119		04-119	008	IO		B6/C2	*
1SU3WTO	1MPS		04-114	246	I	SU3WTO	B6/H3	*
1SU3WTO	04-119		04-119	004	IO		B6/F2	*
1SU4ERR0	04-119		04-119	003	IO		B8/G2	*
1SU4ERR0	1MPCOM		04-120	316	I	SU4ERR0	B8/F3	
1SU4S0	1MPS		04-114	043	O	SU4S0	B6/H3	*
1SU4S0	04-119		04-119	011	IO		B6/C2	*
1SU4WTO	1MPS		04-114	146	I	SU4WTO	B6/H3	*
1SU4WTO	04-119		04-119	007	IO		B6/F2	*
1SU5ERR0	04-113		04-113	048	IO		B8/G2	*
1SU5ERR0	1MPCOM		04-120	215	I	SU5ERR0	B8/F3	
1SU5S0	04-113		04-113	056	IO		B6/C2	*
1SU5S0	1MPS		04-114	044	O	SU5S0	B6/H3	
1SU5WTO	04-113		04-113	052	IO		B6/F2	*
1SU5WTO	1MPS		04-114	046	I	SU5WTO	B6/H3	
1SU6ERR0	04-113		04-113	047	IO		B8/G2	*
1SU6ERR0	1MPCOM		04-120	114	I	SU6ERR0	B8/F3	
1SU6S0	04-113		04-113	055	IO		B6/C2	*
1SU6S0	1MPS		04-114	348	O	SU6S0	B6/H3	
1SU6WTO	04-113		04-113	051	IO		B6/F2	*
1SU6WTO	1MPS		04-114	050	I	SU6WTO	B6/H3	
1SU7ERR0	04-113		04-113	046	IO		B8/G2	*
1SU7ERR0	1MPCOM		04-120	213	I	SU7ERR0	B8/F3	
1SU7S0	04-113		04-113	054	IO		B6/C2	*
1SU7S0	1MPS		04-114	349	O	SU7S0	B6/H3	
1SU7WTO	04-113		04-113	050	IO		B6/F2	*
1SU7WTO	1MPS		04-114	151	I	SU7WTO	B6/H3	

43	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1WH0	1MEM5		04-162	021	I	WRTH10	B12/H7	
1WPERR0	1MPS		04-114	148	I	WPERR0	B6/H3	
1WPERR0	1ROMRAM		04-126	142	O	WPERR0	B9/H2	
1WPINHO	04-082		04-082	041	IO		B9/B4	*
1WPINHO	1ROMRAM		04-126	143	IO	TP5	B9/H2	
1WPINHO	1ROMRAM		04-126	223	IO	TP1	B9/H2	
1WREN0	1ROMRAM		04-126	003	O	WREN0	B9/H2	
1WREN0	1MPDMC		04-132	003	I	WREN0	B10/H3	
1WTERR0	1MPC		04-108	254	O	WTERR0	B7/F3	
1WTERR0	1MPS		04-114	149	I	WTERR0	B6/H3	
1XPRST0	1MPC		04-108	302	O	XPRST0	B7/F3	
1XPRST0	1MPS		04-114	105	I	XPRST0	B6/H3	
BOB0	04-082		04-082	247	IO		B19/A1	*
BOB0	04-082		04-082	347	IO		B19/A1	*
EXTRA1	04-082		04-082	151	IO		B19/A1	*
EXTRA1	04-090		04-090	333	IO		B19/B1	*
EXTRA2	04-082		04-082	052	IO		B19/B1	*
EXTRA2	04-090		04-090	233	IO		B19/B1	*
EXTRA3	04-082		04-082	152	IO		B19/B1	*
EXTRA3	04-090		04-090	133	IO		B19/B1	*
GRD	01-022		01-022	0B0	P		B16/B1	*
GRD	E3		01-022-0B0	1	G	GRD1	B16/B1	
GRD	E3		01-022-0B0	2	G	GRD2	B16/B1	
GRD	E3		01-022-0B0	3	G	GRD3	B16/B1	
GRD	E3		01-022-0B0	4	G	GRD4	B16/B1	
GRD	01-040		01-040	1B0	P		B16/B1	*
GRD	E4		01-040-1B0	1	G	GRD1	B16/B1	
GRD	E4		01-040-1B0	2	G	GRD2	B16/B1	
GRD	E4		01-040-1B0	3	G	GRD3	B16/B1	
GRD	E4		01-040-1B0	4	G	GRD4	B16/B1	
GRD	01-058		01-058	0B0	P		B16/B2	*
GRD	E5		01-058-0B0	1	G	GRD1	B16/B2	
GRD	E5		01-058-0B0	2	G	GRD2	B16/B2	
GRD	E5		01-058-0B0	3	G	GRD3	B16/B2	
GRD	E5		01-058-0B0	4	G	GRD4	B16/B2	
GRD	01-076		01-076	0B0	P		B16/B2	*
GRD	E6		01-076-0B0	1	G	GRD1	B16/B2	
GRD	E6		01-076-0B0	2	G	GRD2	B16/B2	
GRD	E6		01-076-0B0	3	G	GRD3	B16/B2	
GRD	E6		01-076-0B0	4	G	GRD4	B16/B2	
GRD	01-108		01-108	0B0	P		B16/B3	*
GRD	E9		01-108-0B0	1	G	GRD1	B16/B3	
GRD	E9		01-108-0B0	2	G	GRD2	B16/B3	
GRD	E9		01-108-0B0	3	G	GRD3	B16/B3	
GRD	E9		01-108-0B0	4	G	GRD4	B16/B3	
GRD	01-120		01-120	2B0	P		B16/B3	*
GRD	E10		01-120-2B0	1	G	GRD1	B16/B3	
GRD	E10		01-120-2B0	2	G	GRD2	B16/B3	
GRD	E10		01-120-2B0	3	G	GRD3	B16/B3	
GRD	E10		01-120-2B0	4	G	GRD4	B16/B3	
GRD	01-144		01-144	1B0	P		B16/B4	*
GRD	E11		01-144-1B0	1	G	GRD1	B16/B4	
GRD	E11		01-144-1B0	2	G	GRD2	B16/B4	
GRD	E11		01-144-1B0	3	G	GRD3	B16/B4	
GRD	E11		01-144-1B0	4	G	GRD4	B16/B4	
GRD	01-162		01-162	1B0	P		B16/B4	*
GRD	E12		01-162-1B0	1	G	GRD1	B16/B4	
GRD	E12		01-162-1B0	2	G	GRD2	B16/B4	
GRD	E12		01-162-1B0	3	G	GRD3	B16/B4	
GRD	E12		01-162-1B0	4	G	GRD4	B16/B4	
GRD	MEMMP0C		04-016	000	G	FRGRD	B13/F4	
GRD	MEMMP0C		04-016	001	G	FRGRD	B13/F4	
GRD	MEMMP0C		04-016	032	G	VOUT1 (-)	B13/F4	
GRD	MEMMP0C		04-016	033	G	VOUT1 (-)	B13/F4	
GRD	MEMMP0C		04-016	034	G	VOUT1 (-)	B13/F4	
GRD	MEMMP0C		04-016	035	G	VOUT1 (-)	B13/F4	
GRD	MEMMP0C		04-016	036	G	VOUT1 (-)	B13/F4	
GRD	MEMMP0C		04-016	037	G	VOUT1 (-)	B13/F4	
GRD	MEMMP0C		04-016	038	G	VOUT1 (-)	B13/F4	
GRD	MEMMP0C		04-016	039	G	VOUT1 (-)	B13/F4	
GRD	MEMMP0C		04-016	040	G	VOUT1 (-)	B13/F4	
GRD	MEMMP0C		04-016	041	G	VOUT1 (-)	B13/F4	
GRD	MEMMP0C		04-016	042	G	VOUT1 (-)	B13/F4	
GRD	MEMMP0C		04-016	043	G	VOUT1 (-)	B13/F4	
GRD	MEMMP0C		04-016	100	G	FRGRD	B13/F4	
GRD	MEMMP0C		04-016	101	G	FRGRD	B13/F4	
GRD	MEMMP0C		04-016	119	G	S (-)	B13/F4	
GRD	MEMMP0C		04-016	132	G	VOUT1 (-)	B13/F4	
GRD	MEMMP0C		04-016	133	G	VOUT1 (-)	B13/F4	
GRD	MEMMP0C		04-016	134	G	VOUT1 (-)	B13/F4	
GRD	MEMMP0C		04-016	135	G	VOUT1 (-)	B13/F4	
GRD	MEMMP0C		04-016	136	G	VOUT1 (-)	B13/F4	
GRD	MEMMP0C		04-016	137	G	VOUT1 (-)	B13/F4	*
GRD	MEMMP0C		04-016	138	G	VOUT1 (-)	B13/F4	
GRD	MEMMP0C		04-016	139	G	VOUT1 (-)	B13/F4	

44	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	MEMMPOC		04-016	140	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	141	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	142	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	143	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	200	G	FRGRD	B13/F4	
GRD	MEMMPOC		04-016	201	G	FRGRD	B13/F4	
GRD	MEMMPOC		04-016	232	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	233	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	234	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	235	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	236	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	237	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	238	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	239	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	240	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	241	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	242	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	243	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	300	G	FRGRD	B13/F4	
GRD	MEMMPOC		04-016	301	G	FRGRD	B13/F4	
GRD	MEMMPOC		04-016	332	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	333	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	334	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	335	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	336	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	337	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	338	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	339	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	340	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	341	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	342	G	VOUT1 (-)	B13/F4	
GRD	MEMMPOC		04-016	343	G	VOUT1 (-)	B13/F4	
GRD	OMEM5		04-022	004	G	GRD	B11/H7	
GRD	OMEM5		04-022	007	G	GRD	B11/H7	
GRD	OMEM5		04-022	010	G	GRD	B11/H7	
GRD	OMEM5		04-022	013	G	GRD	B11/H7	
GRD	OMEM5		04-022	016	G	GRD	B11/H7	
GRD	OMEM5		04-022	018	G	GRD	B11/H7	
GRD	OMEM5		04-022	020	G	GRD	B11/H7	
GRD	OMEM5		04-022	022	G	GRD	B11/H7	
GRD	OMEM5		04-022	023	G	GRD	B11/H7	
GRD	OMEM5		04-022	034	G	GRD	B11/H7	
GRD	OMEM5		04-022	036	G	GRD	B11/H7	
GRD	OMEM5		04-022	038	G	GRD	B11/H7	
GRD	OMEM5		04-022	041	G	GRD	B11/H7	
GRD	OMEM5		04-022	044	G	GRD	B11/H7	
GRD	OMEM5		04-022	047	G	GRD	B11/H7	
GRD	OMEM5		04-022	050	G	GRD	B11/H7	
GRD	OMEM5		04-022	053	G	GRD	B11/H7	
GRD	OMEM5		04-022	056	G	GRD	B11/H7	
GRD	OMEM5		04-022	103	G	GRD	B11/H7	
GRD	OMEM5		04-022	105	G	GRD	B11/H7	
GRD	OMEM5		04-022	107	G	GRD	B11/H7	
GRD	OMEM5		04-022	109	G	GRD	B11/H7	
GRD	OMEM5		04-022	111	G	GRD	B11/H7	
GRD	OMEM5		04-022	113	G	GRD	B11/H7	
GRD	OMEM5		04-022	115	G	GRD	B11/H7	
GRD	OMEM5		04-022	117	G	GRD	B11/H7	
GRD	OMEM5		04-022	119	G	GRD	B11/H7	
GRD	OMEM5		04-022	121	G	GRD	B11/H7	
GRD	OMEM5		04-022	123	G	GRD	B11/H7	
GRD	OMEM5		04-022	133	G	GRD	B11/H7	
GRD	OMEM5		04-022	135	IO	CASEN0	B11/H7	
GRD	OMEM5		04-022	137	IO	EXTINGO	B11/H7	
GRD	OMEM5		04-022	139	G	GRD	B11/H7	
GRD	OMEM5		04-022	141	G	GRD	B11/H7	
GRD	OMEM5		04-022	143	G	GRD	B11/H7	
GRD	OMEM5		04-022	145	G	GRD	B11/H7	
GRD	OMEM5		04-022	147	G	GRD	B11/H7	
GRD	OMEM5		04-022	149	G	GRD	B11/H7	
GRD	OMEM5		04-022	151	G	GRD	B11/H7	
GRD	OMEM5		04-022	153	G	GRD	B11/H7	
GRD	OMEM5		04-022	155	G	GRD	B11/H7	
GRD	OMEM5		04-022	200	G	GRD	B11/H7	
GRD	OMEM5		04-022	202	G	GRD	B11/H7	
GRD	OMEM5		04-022	204	G	GRD	B11/H7	
GRD	OMEM5		04-022	206	G	GRD	B11/H7	
GRD	OMEM5		04-022	208	G	GRD	B11/H7	
GRD	OMEM5		04-022	210	G	GRD	B11/H7	
GRD	OMEM5		04-022	212	G	GRD	B11/H7	
GRD	OMEM5		04-022	214	G	GRD	B11/H7	
GRD	OMEM5		04-022	216	G	GRD	B11/H7	
GRD	OMEM5		04-022	218	G	GRD	B11/H7	
GRD	OMEM5		04-022	220	G	GRD	B11/H7	
GRD	OMEM5		04-022	221	G	GRD	B11/H7	
GRD	OMEM5		04-022	222	G	GRD	B11/H7	
GRD	OMEM5		04-022	232	G	GRD	B11/H7	
GRD	OMEM5		04-022	234	G	GRD	B11/H7	
GRD	OMEM5		04-022	236	G	GRD	B11/H7	
GRD	OMEM5		04-022	238	G	GRD	B11/H7	
GRD	OMEM5		04-022	240	G	GRD	B11/H7	
GRD	OMEM5		04-022	242	G	GRD	B11/H7	
GRD	OMEM5		04-022	244	G	GRD	B11/H7	
GRD	OMEM5		04-022	246	G	GRD	B11/H7	
GRD	OMEM5		04-022	248	G	GRD	B11/H7	

45	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	OMEM5	04-022		250	G	GRD	B11/H7	
GRD	OMEM5	04-022		252	G	GRD	B11/H7	
GRD	OMEM5	04-022		254	G	GRD	B11/H7	
GRD	OMEM5	04-022		303	G	GRD	B11/H7	
GRD	OMEM5	04-022		306	G	GRD	B11/H7	
GRD	OMEM5	04-022		309	G	GRD	B11/H7	
GRD	OMEM5	04-022		312	G	GRD	B11/H7	
GRD	OMEM5	04-022		315	G	GRD	B11/H7	
GRD	OMEM5	04-022		316	G	GRD	B11/H7	
GRD	OMEM5	04-022		319	G	GRD	B11/H7	
GRD	OMEM5	04-022		322	G	GRD	B11/H7	
GRD	OMEM5	04-022		323	G	GRD	B11/H7	
GRD	OMEM5	04-022		324	G	GRD	B11/H7	
GRD	OMEM5	04-022		334	G	GRD	B11/H7	
GRD	OMEM5	04-022		337	G	GRD	B11/H7	
GRD	OMEM5	04-022		340	G	GRD	B11/H7	
GRD	OMEM5	04-022		343	G	GRD	B11/H7	
GRD	OMEM5	04-022		346	G	GRD	B11/H7	
GRD	OMEM5	04-022		349	G	GRD	B11/H7	
GRD	OMEM5	04-022		352	G	GRD	B11/H7	
GRD	OMEM5	04-022		356	G	GRD	B11/H7	
GRD	OMEM4	04-028		004	G	GRD	B11/H6	
GRD	OMEM4	04-028		007	G	GRD	B11/H6	
GRD	OMEM4	04-028		010	G	GRD	B11/H6	
GRD	OMEM4	04-028		013	G	GRD	B11/H6	
GRD	OMEM4	04-028		016	G	GRD	B11/H6	
GRD	OMEM4	04-028		018	G	GRD	B11/H6	
GRD	OMEM4	04-028		020	G	GRD	B11/H6	
GRD	OMEM4	04-028		022	G	GRD	B11/H6	
GRD	OMEM4	04-028		023	G	GRD	B11/H6	
GRD	OMEM4	04-028		034	G	GRD	B11/H6	
GRD	OMEM4	04-028		036	G	GRD	B11/H6	
GRD	OMEM4	04-028		038	G	GRD	B11/H6	
GRD	OMEM4	04-028		041	G	GRD	B11/H6	
GRD	OMEM4	04-028		044	G	GRD	B11/H6	
GRD	OMEM4	04-028		047	G	GRD	B11/H6	
GRD	OMEM4	04-028		050	G	GRD	B11/H6	
GRD	OMEM4	04-028		053	G	GRD	B11/H6	
GRD	OMEM4	04-028		056	G	GRD	B11/H6	
GRD	OMEM4	04-028		103	G	GRD	B11/H6	
GRD	OMEM4	04-028		105	G	GRD	B11/H6	
GRD	OMEM4	04-028		107	G	GRD	B11/H6	
GRD	OMEM4	04-028		109	G	GRD	B11/H6	
GRD	OMEM4	04-028		111	G	GRD	B11/H6	
GRD	OMEM4	04-028		113	G	GRD	B11/H6	
GRD	OMEM4	04-028		115	G	GRD	B11/H6	
GRD	OMEM4	04-028		117	G	GRD	B11/H6	
GRD	OMEM4	04-028		119	G	GRD	B11/H6	
GRD	OMEM4	04-028		121	G	GRD	B11/H6	
GRD	OMEM4	04-028		123	G	GRD	B11/H6	
GRD	OMEM4	04-028		133	G	GRD	B11/H6	
GRD	OMEM4	04-028		135	IO	CASEN0	B11/H6	
GRD	OMEM4	04-028		137	IO	EXTING0	B11/H6	
GRD	OMEM4	04-028		139	G	GRD	B11/H6	
GRD	OMEM4	04-028		141	G	GRD	B11/H6	
GRD	OMEM4	04-028		143	G	GRD	B11/H6	
GRD	OMEM4	04-028		145	G	GRD	B11/H6	
GRD	OMEM4	04-028		147	G	GRD	B11/H6	
GRD	OMEM4	04-028		149	G	GRD	B11/H6	
GRD	OMEM4	04-028		151	G	GRD	B11/H6	
GRD	OMEM4	04-028		153	G	GRD	B11/H6	
GRD	OMEM4	04-028		155	G	GRD	B11/H6	
GRD	OMEM4	04-028		200	G	GRD	B11/H6	
GRD	OMEM4	04-028		202	G	GRD	B11/H6	
GRD	OMEM4	04-028		204	G	GRD	B11/H6	
GRD	OMEM4	04-028		206	G	GRD	B11/H6	
GRD	OMEM4	04-028		208	G	GRD	B11/H6	
GRD	OMEM4	04-028		210	G	GRD	B11/H6	
GRD	OMEM4	04-028		212	G	GRD	B11/H6	
GRD	OMEM4	04-028		214	G	GRD	B11/H6	
GRD	OMEM4	04-028		216	G	GRD	B11/H6	
GRD	OMEM4	04-028		218	G	GRD	B11/H6	
GRD	OMEM4	04-028		220	G	GRD	B11/H6	
GRD	OMEM4	04-028		221	G	GRD	B11/H6	
GRD	OMEM4	04-028		222	G	GRD	B11/H6	

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SWITCHING MODULE PROCESSOR UNIT, MODEL 2			
		DWG SIZE C2	ISSUE 20B
AT&T	SD-5D129-01		SHEET A19

49	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	04-044		04-044	017	G		B17/C3	*
GRD	04-044		04-044	018	G		B17/C3	*
GRD	04-044		04-044	019	G		B17/C3	*
GRD	04-044		04-044	020	G		B17/C3	*
GRD	04-044		04-044	021	G		B17/C3	*
GRD	04-044		04-044	022	G		B17/C3	*
GRD	04-044		04-044	023	G		B17/C3	*
GRD	04-044		04-044	024	G		B17/C3	*
GRD	04-044		04-044	032	G		B17/D3	*
GRD	04-044		04-044	033	G		B17/D3	*
GRD	04-044		04-044	034	G		B17/D3	*
GRD	04-044		04-044	035	G		B17/D3	*
GRD	04-044		04-044	036	G		B17/E3	*
GRD	04-044		04-044	037	G		B17/E3	*
GRD	04-044		04-044	038	G		B17/E3	*
GRD	04-044		04-044	039	G		B17/E3	*
GRD	04-044		04-044	040	G		B17/E3	*
GRD	04-044		04-044	041	G		B17/E3	*
GRD	04-044		04-044	042	G		B17/E3	*
GRD	04-044		04-044	043	G		B17/E3	*
GRD	04-044		04-044	044	G		B17/E3	*
GRD	04-044		04-044	045	G		B17/E3	*
GRD	04-044		04-044	046	G		B17/E3	*
GRD	04-044		04-044	047	G		B17/F3	*
GRD	04-044		04-044	048	G		B17/F3	*
GRD	04-044		04-044	049	G		B17/F3	*
GRD	04-044		04-044	050	G		B17/F3	*
GRD	04-044		04-044	051	G		B17/F3	*
GRD	04-044		04-044	052	G		B17/F3	*
GRD	04-044		04-044	053	G		B17/F3	*
GRD	04-044		04-044	054	G		B17/F3	*
GRD	04-044		04-044	055	G		B17/F3	*
GRD	04-044		04-044	056	G		B17/F3	*
GRD	04-045		04-045	006	G		B17/A0	*
GRD	OMEM1		04-046	004	G	GRD	B11/H0	
GRD	OMEM1		04-046	007	G	GRD	B11/H0	
GRD	OMEM1		04-046	010	G	GRD	B11/H0	
GRD	OMEM1		04-046	013	G	GRD	B11/H0	
GRD	OMEM1		04-046	016	G	GRD	B11/H0	
GRD	OMEM1		04-046	018	G	GRD	B11/H0	
GRD	OMEM1		04-046	020	G	GRD	B11/H0	
GRD	OMEM1		04-046	022	G	GRD	B11/H0	
GRD	OMEM1		04-046	023	G	GRD	B11/H0	
GRD	OMEM1		04-046	034	G	GRD	B11/H0	
GRD	OMEM1		04-046	036	G	GRD	B11/H0	
GRD	OMEM1		04-046	038	G	GRD	B11/H0	
GRD	OMEM1		04-046	041	G	GRD	B11/H0	
GRD	OMEM1		04-046	044	G	GRD	B11/H0	
GRD	OMEM1		04-046	047	G	GRD	B11/H0	
GRD	OMEM1		04-046	050	G	GRD	B11/H0	
GRD	OMEM1		04-046	053	G	GRD	B11/H0	
GRD	OMEM1		04-046	056	G	GRD	B11/H0	
GRD	OMEM1		04-046	103	G	GRD	B11/H0	
GRD	OMEM1		04-046	105	G	GRD	B11/H0	
GRD	OMEM1		04-046	107	G	GRD	B11/H0	
GRD	OMEM1		04-046	109	G	GRD	B11/H0	
GRD	OMEM1		04-046	111	G	GRD	B11/H0	
GRD	OMEM1		04-046	113	G	GRD	B11/H0	
GRD	OMEM1		04-046	115	G	GRD	B11/H0	
GRD	OMEM1		04-046	117	G	GRD	B11/H0	
GRD	OMEM1		04-046	119	G	GRD	B11/H0	
GRD	OMEM1		04-046	121	G	GRD	B11/H0	
GRD	OMEM1		04-046	123	G	GRD	B11/H0	
GRD	OMEM1		04-046	133	G	GRD	B11/H0	
GRD	OMEM1		04-046	135		IO CASEN0	B11/H0	*
GRD	OMEM1		04-046	137		IO EXTINGO	B11/H0	
GRD	OMEM1		04-046	139	G	GRD	B11/H0	
GRD	OMEM1		04-046	141	G	GRD	B11/H0	
GRD	OMEM1		04-046	143	G	GRD	B11/H0	
GRD	OMEM1		04-046	145	G	GRD	B11/H0	
GRD	OMEM1		04-046	147	G	GRD	B11/H0	
GRD	OMEM1		04-046	149	G	GRD	B11/H0	
GRD	OMEM1		04-046	151	G	GRD	B11/H0	
GRD	OMEM1		04-046	153	G	GRD	B11/H0	
GRD	OMEM1		04-046	155	G	GRD	B11/H0	
GRD	OMEM1		04-046	200	G	GRD	B11/H0	
GRD	OMEM1		04-046	202	G	GRD	B11/H0	
GRD	OMEM1		04-046	204	G	GRD	B11/H0	
GRD	OMEM1		04-046	206	G	GRD	B11/H0	
GRD	OMEM1		04-046	208	G	GRD	B11/H0	
GRD	OMEM1		04-046	210	G	GRD	B11/H0	
GRD	OMEM1		04-046	212	G	GRD	B11/H0	
GRD	OMEM1		04-046	214	G	GRD	B11/H0	
GRD	OMEM1		04-046	216	G	GRD	B11/H0	
GRD	OMEM1		04-046	218	G	GRD	B11/H0	
GRD	OMEM1		04-046	220	G	GRD	B11/H0	
GRD	OMEM1		04-046	221	G	GRD	B11/H0	
GRD	OMEM1		04-046	222	G	GRD	B11/H0	
GRD	OMEM1		04-046	232	G	GRD	B11/H0	
GRD	OMEM1		04-046	234	G	GRD	B11/H0	
GRD	OMEM1		04-046	236	G	GRD	B11/H0	
GRD	OMEM1		04-046	238	G	GRD	B11/H0	
GRD	OMEM1		04-046	240	G	GRD	B11/H0	
GRD	OMEM1		04-046	242	G	GRD	B11/H0	
GRD	OMEM1		04-046	244	G	GRD	B11/H0	

50	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	OMEM1		04-046	246	G	GRD	B11/H0	
GRD	OMEM1		04-046	248	G	GRD	B11/H0	
GRD	OMEM1		04-046	250	G	GRD	B11/H0	
GRD	OMEM1		04-046	252	G	GRD	B11/H0	
GRD	OMEM1		04-046	254	G	GRD	B11/H0	
GRD	OMEM1		04-046	303	G	GRD	B11/H0	
GRD	OMEM1		04-046	306	G	GRD	B11/H0	
GRD	OMEM1		04-046	309	G	GRD	B11/H0	
GRD	OMEM1		04-046	312	G	GRD	B11/H0	
GRD	OMEM1		04-046	315	G	GRD	B11/H0	
GRD	OMEM1		04-046	316	G	GRD	B11/H0	
GRD	OMEM1		04-046	319	G	GRD	B11/H0	
GRD	OMEM1		04-046	322	G	GRD	B11/H0	
GRD	OMEM1		04-046	323	G	GRD	B11/H0	
GRD	OMEM1		04-046	324	G	GRD	B11/H0	
GRD	OMEM1		04-046	334	G	GRD	B11/H0	
GRD	OMEM1		04-046	337	G	GRD	B11/H0	
GRD	OMEM1		04-046	340	G	GRD	B11/H0	
GRD	OMEM1		04-046	343	G	GRD	B11/H0	
GRD	OMEM1		04-046	346	G	GRD	B11/H0	
GRD	OMEM1		04-046	349	G	GRD	B11/H0	
GRD	OMEM1		04-046	352	G	GRD	B11/H0	
GRD	OMEM1		04-046	356	G	GRD	B11/H0	
GRD	OMPDMC		04-052	004	G	GRD	B5/H3	
GRD	OMPDMC		04-052	016	G	GRD	B5/H3	
GRD	OMPDMC		04-052	035	G	GRD	B5/H3	
GRD	OMPDMC		04-052	047	G	GRD	B5/H3	
GRD	OMPDMC		04-052	107	G	GRD	B5/H3	
GRD	OMPDMC		04-052	119	G	GRD	B5/H3	
GRD	OMPDMC		04-052	138	G	GRD	B5/H3	
GRD	OMPDMC		04-052	150	G	GRD	B5/H3	
GRD	OMPDMC		04-052	200	G	GRD	B5/H3	
GRD	OMPDMC		04-052	201	G	GRD	B5/H3	
GRD	OMPDMC		04-052	210	G	GRD	B5/H3	
GRD	OMPDMC		04-052	222	G	GRD	B5/H3	
GRD	OMPDMC		04-052	241	G	GRD	B5/H3	
GRD	OMPDMC		04-052	253	G	GRD	B5/H3	
GRD	OMPDMC		04-052	300	G	GRD	B5/H3	
GRD	OMPDMC		04-052	301	G	GRD	B5/H3	
GRD	OMPDMC		04-052	303	I	10MHZ0	B5/H3	
GRD	OMPDMC		04-052	313	G	GRD	B5/H3	
GRD	OMPDMC		04-052	332	G	GRD	B5/H3	
GRD	OMPDMC		04-052	344	G	GRD	B5/H3	
GRD	OMPDMC		04-052	356	G	GRD	B5/H3	
GRD	04-056		04-056	000	G		B17/A4	*
GRD	04-056		04-056	001	G		B17/A4	*
GRD	04-056		04-056	002	G		B17/A4	*
GRD	04-056		04-056	003	G		B17/A4	*
GRD	04-056		04-056	004	G		B17/B4	*
GRD	04-056		04-056	005	G		B17/B4	*
GRD	04-056		04-056	006	G		B17/B4	*
GRD	04-056		04-056	007	G		B17/B4	*
GRD	04-056		04-056	008	G		B17/B4	*
GRD	04-056		04-056	009	G		B17/B4	*
GRD	04-056		04-056	010	G		B17/B4	*
GRD	04-056		04-056	011	G		B17/B4	*
GRD	04-056		04-056	012	G		B17/B4	*
GRD	04-056		04-056	013	G		B17/B4	*
GRD	04-056		04-056	014	G		B17/B4	*
GRD	04-056		04-056	015	G		B17/C4	*
GRD	04-056		04-056	016	G		B17/C4	*
GRD	04-056		04-056	017	G		B17/C4	*
GRD	04-056		04-056	018	G		B17/C4	*
GRD	04-056		04-056	019	G		B17/C4	*
GRD	04-056		04-056	020	G		B17/C4	*
GRD	04-056		04-056	021	G		B17/C4	*
GRD	04-056		04-056	022	G		B17/C4	*
GRD	04-056		04-056	023	G		B17/C4	*
GRD	04-056		04-056	024	G		B17/C4	*
GRD	04-056		04-056	032	G		B17/D4	*
GRD	04-056		04-056	033	G		B17/D4	*
GRD	04-056		04-056	034	G		B17/D4	*
GRD	04-056		04-056	035	G		B17/D4	*
GRD	04-056		04-056	036	G		B17/B4	*
GRD	04-056		04-056	037	G		B17/B4	*
GRD	04-056		04-056	038	G		B17/B4	*
GRD	04-056		04-056	039	G		B17/B4	*
GRD	04-056		04-056	040	G		B17/B4	*
GRD	04-056		04-056	041	G		B17/B4	*
GRD	04-056		04-056	042	G		B17/B4	*
GRD	04-056		04-056	043	G		B17/B4	*
GRD	04-056		04-056	044	G		B17/B4	*
GRD	04-056		04-056	045	G		B17/B4	*
GRD	04-056		04-056	046	G		B17/B4	*
GRD	04-056		04-056	047	G		B17/F4	*
GRD	04-056		04-056	048	G		B17/F4	*
GRD	04-056		04-056	049	G		B17/F4	*
GRD	04-056		04-056	050	G		B17/F4	*
GRD	04-056		04-056	051	G		B17/F4	*
GRD	04-056		04-056	052	G		B17/F4	*
GRD	04-056		04-056	053	G		B17/F4	*
GRD	04-056		04-056	054	G		B17/F4	*
GRD	04-056		04-056	055	G		B17/F4	*
GRD	04-056		04-056	056	G		B17/F4	*
GRD	OROMRAM		04-058	004	G	GRD	B4/H2	*

51	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	OROMRAM	04-058		016	G	GRD	B4/H2	
GRD	OROMRAM	04-058		035	G	GRD	B4/H2	
GRD	OROMRAM	04-058		047	G	GRD	B4/H2	
GRD	OROMRAM	04-058		107	G	GRD	B4/H2	
GRD	OROMRAM	04-058		119	G	GRD	B4/H2	
GRD	OROMRAM	04-058		138	G	GRD	B4/H2	
GRD	OROMRAM	04-058		148	G	GRD	B4/H2	
GRD	OROMRAM	04-058		150	G	GRD	B4/H2	
GRD	OROMRAM	04-058		152	G	GRD	B4/H2	
GRD	OROMRAM	04-058		200	G	GRD	B4/H2	
GRD	OROMRAM	04-058		201	G	GRD	B4/H2	
GRD	OROMRAM	04-058		210	G	GRD	B4/H2	
GRD	OROMRAM	04-058		222	G	GRD	B4/H2	
GRD	OROMRAM	04-058		241	G	GRD	B4/H2	
GRD	OROMRAM	04-058		243	I	PROCID	B4/H2	
GRD	OROMRAM	04-058		253	G	GRD	B4/H2	
GRD	OROMRAM	04-058		300	G	GRD	B4/H2	
GRD	OROMRAM	04-058		301	G	GRD	B4/H2	
GRD	OROMRAM	04-058		313	G	GRD	B4/H2	
GRD	OROMRAM	04-058		332	G	GRD	B4/H2	
GRD	OROMRAM	04-058		344	G	GRD	B4/H2	
GRD	OROMRAM	04-058		356	G	GRD	B4/H2	
GRD	04-062	04-062		000	G		B17/A5	*
GRD	04-062	04-062		001	G		B17/A5	*
GRD	04-062	04-062		002	G		B17/A5	*
GRD	04-062	04-062		003	G		B17/A5	*
GRD	04-062	04-062		004	G		B17/B5	*
GRD	04-062	04-062		005	G		B17/B5	*
GRD	04-062	04-062		006	G		B17/B5	*
GRD	04-062	04-062		007	G		B17/B5	*
GRD	04-062	04-062		008	G		B17/B5	*
GRD	04-062	04-062		009	G		B17/B5	*
GRD	04-062	04-062		010	G		B17/B5	*
GRD	04-062	04-062		011	G		B17/B5	*
GRD	04-062	04-062		012	G		B17/B5	*
GRD	04-062	04-062		013	G		B17/B5	*
GRD	04-062	04-062		014	G		B17/B5	*
GRD	04-062	04-062		015	G		B17/C5	*
GRD	04-062	04-062		016	G		B17/C5	*
GRD	04-062	04-062		017	G		B17/C5	*
GRD	04-062	04-062		018	G		B17/C5	*
GRD	04-062	04-062		019	G		B17/C5	*
GRD	04-062	04-062		020	G		B17/C5	*
GRD	04-062	04-062		021	G		B17/C5	*
GRD	04-062	04-062		022	G		B17/C5	*
GRD	04-062	04-062		023	G		B17/C5	*
GRD	04-062	04-062		024	G		B17/C5	*
GRD	04-062	04-062		032	G		B17/D5	*
GRD	04-062	04-062		033	G		B17/D5	*
GRD	04-062	04-062		034	G		B17/D5	*
GRD	04-062	04-062		035	G		B17/D5	*
GRD	04-062	04-062		036	G		B17/B5	*
GRD	04-062	04-062		037	G		B17/B5	*
GRD	04-062	04-062		038	G		B17/B5	*
GRD	04-062	04-062		039	G		B17/B5	*
GRD	04-062	04-062		040	G		B17/B5	*
GRD	04-062	04-062		041	G		B17/B5	*
GRD	04-062	04-062		042	G		B17/B5	*
GRD	04-062	04-062		043	G		B17/B5	*
GRD	04-062	04-062		044	G		B17/B5	*
GRD	04-062	04-062		045	G		B17/B5	*
GRD	04-062	04-062		046	G		B17/B5	*
GRD	04-062	04-062		047	G		B17/F5	*
GRD	04-062	04-062		048	G		B17/F5	*
GRD	04-062	04-062		049	G		B17/F5	*
GRD	04-062	04-062		050	G		B17/F5	*
GRD	04-062	04-062		051	G		B17/F5	*
GRD	04-062	04-062		052	G		B17/F5	*
GRD	04-062	04-062		053	G		B17/F5	*
GRD	04-062	04-062		054	G		B17/F5	*
GRD	04-062	04-062		055	G		B17/F5	*
GRD	04-062	04-062		056	G		B17/F5	*
GRD	OMP COM	04-064		004	G	GRD	B3/G3	
GRD	OMP COM	04-064		016	G	GRD	B3/G3	
GRD	OMP COM	04-064		035	G	GRD	B3/G3	

58	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	04-124		04-124	044	G		B18/F4	*
GRD	04-124		04-124	045	G		B18/F4	*
GRD	04-124		04-124	046	G		B18/F4	*
GRD	04-124		04-124	047	G		B18/F4	*
GRD	04-124		04-124	048	G		B18/F4	*
GRD	04-124		04-124	049	G		B18/F4	*
GRD	04-124		04-124	050	G		B18/F4	*
GRD	04-124		04-124	051	G		B18/F4	*
GRD	04-124		04-124	052	G		B18/F4	*
GRD	04-124		04-124	053	G		B18/F4	*
GRD	04-124		04-124	054	G		B18/F4	*
GRD	04-124		04-124	055	G		B18/G4	*
GRD	04-124		04-124	056	G		B18/G4	*
GRD	1ROMRAM		04-126	004	G	GRD	B9/H2	
GRD	1ROMRAM		04-126	016	G	GRD	B9/H2	
GRD	1ROMRAM		04-126	035	G	GRD	B9/H2	
GRD	1ROMRAM		04-126	047	G	GRD	B9/H2	
GRD	1ROMRAM		04-126	107	G	GRD	B9/H2	
GRD	1ROMRAM		04-126	119	G	GRD	B9/H2	
GRD	1ROMRAM		04-126	138	G	GRD	B9/H2	
GRD	1ROMRAM		04-126	148	G	GRD	B9/H2	
GRD	1ROMRAM		04-126	150	G	GRD	B9/H2	
GRD	1ROMRAM		04-126	152	G	GRD	B9/H2	
GRD	1ROMRAM		04-126	200	G	GRD	B9/H2	
GRD	1ROMRAM		04-126	201	G	GRD	B9/H2	
GRD	1ROMRAM		04-126	210	G	GRD	B9/H2	
GRD	1ROMRAM		04-126	222	G	GRD	B9/H2	
GRD	1ROMRAM		04-126	241	G	GRD	B9/H2	
GRD	1ROMRAM		04-126	253	G	GRD	B9/H2	
GRD	1ROMRAM		04-126	300	G	GRD	B9/H2	
GRD	1ROMRAM		04-126	301	G	GRD	B9/H2	
GRD	1ROMRAM		04-126	313	G	GRD	B9/H2	
GRD	1ROMRAM		04-126	332	G	GRD	B9/H2	
GRD	1ROMRAM		04-126	344	G	GRD	B9/H2	
GRD	1ROMRAM		04-126	356	G	GRD	B9/H2	
GRD	04-130		04-130	000	G		B18/A5	*
GRD	04-130		04-130	001	G		B18/B5	*
GRD	04-130		04-130	002	G		B18/B5	*
GRD	04-130		04-130	003	G		B18/B5	*
GRD	04-130		04-130	004	G		B18/B5	*
GRD	04-130		04-130	005	G		B18/B5	*
GRD	04-130		04-130	006	G		B18/B5	*
GRD	04-130		04-130	007	G		B18/B5	*
GRD	04-130		04-130	008	G		B18/B5	*
GRD	04-130		04-130	009	G		B18/B5	*
GRD	04-130		04-130	010	G		B18/B5	*
GRD	04-130		04-130	011	G		B18/B5	*
GRD	04-130		04-130	012	G		B18/C5	*
GRD	04-130		04-130	013	G		B18/C5	*
GRD	04-130		04-130	014	G		B18/C5	*
GRD	04-130		04-130	015	G		B18/C5	*
GRD	04-130		04-130	016	G		B18/C5	*
GRD	04-130		04-130	017	G		B18/C5	*
GRD	04-130		04-130	018	G		B18/C5	*
GRD	04-130		04-130	019	G		B18/C5	*
GRD	04-130		04-130	020	G		B18/C5	*
GRD	04-130		04-130	021	G		B18/C5	*
GRD	04-130		04-130	022	G		B18/C5	*
GRD	04-130		04-130	023	G		B18/D5	*
GRD	04-130		04-130	024	G		B18/D5	*
GRD	04-130		04-130	032	G		B18/D5	*
GRD	04-130		04-130	033	G		B18/E5	*
GRD	04-130		04-130	034	G		B18/E5	*
GRD	04-130		04-130	035	G		B18/E5	*
GRD	04-130		04-130	036	G		B18/E5	*
GRD	04-130		04-130	037	G		B18/E5	*
GRD	04-130		04-130	038	G		B18/E5	*
GRD	04-130		04-130	039	G		B18/E5	*
GRD	04-130		04-130	040	G		B18/E5	*
GRD	04-130		04-130	041	G		B18/E5	*
GRD	04-130		04-130	042	G		B18/E5	*
GRD	04-130		04-130	043	G		B18/E5	*
GRD	04-130		04-130	044	G		B18/F5	*
GRD	04-130		04-130	045	G		B18/F5	*
GRD	04-130		04-130	046	G		B18/F5	*
GRD	04-130		04-130	047	G		B18/F5	*
GRD	04-130		04-130	048	G		B18/F5	*
GRD	04-130		04-130	049	G		B18/F5	*
GRD	04-130		04-130	050	G		B18/F5	*
GRD	04-130		04-130	051	G		B18/F5	*
GRD	04-130		04-130	052	G		B18/F5	*
GRD	04-130		04-130	053	G		B18/F5	*
GRD	04-130		04-130	054	G		B18/F5	*
GRD	04-130		04-130	055	G		B18/G5	*
GRD	04-130		04-130	056	G		B18/G5	*
GRD	1MPDMC		04-132	004	G	GRD	B10/H3	
GRD	1MPDMC		04-132	016	G	GRD	B10/H3	
GRD	1MPDMC		04-132	035	G	GRD	B10/H3	
GRD	1MPDMC		04-132	047	G	GRD	B10/H3	
GRD	1MPDMC		04-132	107	G	GRD	B10/H3	
GRD	1MPDMC		04-132	119	G	GRD	B10/H3	
GRD	1MPDMC		04-132	138	G	GRD	B10/H3	
GRD	1MPDMC		04-132	150	G	GRD	B10/H3	
GRD	1MPDMC		04-132	200	G	GRD	B10/H3	
GRD	1MPDMC		04-132	201	G	GRD	B10/H3	

59	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	1MPDMC		04-132	210	G	GRD	B10/H3	
GRD	1MPDMC		04-132	222	G	GRD	B10/H3	
GRD	1MPDMC		04-132	241	G	GRD	B10/H3	
GRD	1MPDMC		04-132	253	G	GRD	B10/H3	
GRD	1MPDMC		04-132	300	G	GRD	B10/H3	
GRD	1MPDMC		04-132	301	G	GRD	B10/H3	
GRD	1MPDMC		04-132	303	I	10MHZ0	B10/H3	
GRD	1MPDMC		04-132	313	G	GRD	B10/H3	
GRD	1MPDMC		04-132	332	G	GRD	B10/H3	
GRD	1MPDMC		04-132	344	G	GRD	B10/H3	
GRD	1MPDMC		04-132	356	G	GRD	B10/H3	*
GRD	1MEM1		04-138	004	G	GRD	B12/H0	
GRD	1MEM1		04-138	007	G	GRD	B12/H0	
GRD	1MEM1		04-138	010	G	GRD	B12/H0	
GRD	1MEM1		04-138	013	G	GRD	B12/H0	
GRD	1MEM1		04-138	016	G	GRD	B12/H0	
GRD	1MEM1		04-138	018	G	GRD	B12/H0	
GRD	1MEM1		04-138	020	G	GRD	B12/H0	
GRD	1MEM1		04-138	022	G	GRD	B12/H0	
GRD	1MEM1		04-138	023	G	GRD	B12/H0	
GRD	1MEM1		04-138	034	G	GRD	B12/H0	
GRD	1MEM1		04-138	036	G	GRD	B12/H0	
GRD	1MEM1		04-138	038	G	GRD	B12/H0	
GRD	1MEM1		04-138	041	G	GRD	B12/H0	
GRD	1MEM1		04-138	044	G	GRD	B12/H0	
GRD	1MEM1		04-138	047	G	GRD	B12/H0	
GRD	1MEM1		04-138	050	G	GRD	B12/H0	
GRD	1MEM1		04-138	053	G	GRD	B12/H0	
GRD	1MEM1		04-138	056	G	GRD	B12/H0	
GRD	1MEM1		04-138	103	G	GRD	B12/H0	
GRD	1MEM1		04-138	105	G	GRD	B12/H0	
GRD	1MEM1		04-138	107	G	GRD	B12/H0	
GRD	1MEM1		04-138	109	G	GRD	B12/H0	
GRD	1MEM1		04-138	111	G	GRD	B12/H0	
GRD	1MEM1		04-138	113	G	GRD	B12/H0	
GRD	1MEM1		04-138	115	G	GRD	B12/H0	
GRD	1MEM1		04-138	117	G	GRD	B12/H0	
GRD	1MEM1		04-138	119	G	GRD	B12/H0	
GRD	1MEM1		04-138	121	G	GRD	B12/H0	
GRD	1MEM1		04-138	123	G	GRD	B12/H0	
GRD	1MEM1		04-138	133	G	GRD	B12/H0	
GRD	1MEM1		04-138	135	IO	CASEN0	B12/H0	*
GRD	1MEM1		04-138	137	IO	EXTINGO	B12/H0	
GRD	1MEM1		04-138	139	G	GRD	B12/H0	
GRD	1MEM1		04-138	141	G	GRD	B12/H0	
GRD	1MEM1		04-138	143	G	GRD	B12/H0	
GRD	1MEM1		04-138	145	G	GRD	B12/H0	
GRD	1MEM1		04-138	147	G	GRD	B12/H0	
GRD	1MEM1		04-138	149	G	GRD	B12/H0	
GRD	1MEM1		04-138	151	G	GRD	B12/H0	
GRD	1MEM1		04-138	153	G	GRD	B12/H0	
GRD	1MEM1		04-138	155	G	GRD	B12/H0	
GRD	1MEM1		04-138	200	G	GRD	B12/H0	
GRD	1MEM1		04-138	202	G	GRD	B12/H0	
GRD	1MEM1		04-138	204	G	GRD	B12/H0	
GRD	1MEM1		04-138	206	G	GRD	B12/H0	
GRD	1MEM1		04-138	208	G	GRD	B12/H0	
GRD	1MEM1		04-138	210	G	GRD	B12/H0	
GRD	1MEM1		04-138	212	G	GRD	B12/H0	
GRD	1MEM1		04-138	214	G	GRD	B12/H0	
GRD	1MEM1		04-138	216	G	GRD	B12/H0	
GRD	1MEM1		04-138	218	G	GRD	B12/H0	
GRD	1MEM1		04-138	220	G	GRD	B12/H0	
GRD	1MEM1		04-138	221	G	GRD	B12/H0	
GRD	1MEM1		04-138	222	G	GRD	B12/H0	
GRD	1MEM1		04-138	232	G	GRD	B12/H0	
GRD	1MEM1		04-138	234	G	GRD	B12/H0	
GRD	1MEM1		04-138	236	G	GRD	B12/H0	
GRD	1MEM1		04-138	238	G	GRD	B12/H0	
GRD	1MEM1		04-138	240	G	GRD	B12/H0	
GRD	1MEM1		04-138	242	G	GRD	B12/H0	
GRD	1MEM1		04-138	244	G	GRD	B12/H0	
GRD	1MEM1		04-138	246	G	GRD	B12/H0	
GRD	1MEM1		04-138	248	G	GRD	B12/H0	
GRD	1MEM1		04-138	250	G	GRD	B12/H0	
GRD	1MEM1		04-138	252	G	GRD	B12/H0	
GRD	1MEM1		04-138	254	G	GRD	B12/H0	
GRD	1MEM1		04-138	303	G	GRD	B12/H0	
GRD	1MEM1		04-138	306	G	GRD	B12/H0	
GRD	1MEM1		04-138	309	G	GRD	B12/H0	
GRD	1MEM1		04-138	312	G	GRD	B12/H0	
GRD	1MEM1		04-138	315	G	GRD	B12/H0	
GRD	1MEM1		04-138	316	G	GRD	B12/H0	
GRD	1MEM1		04-138	319	G	GRD	B12/H0	
GRD	1MEM1		04-138	322	G	GRD	B12/H0	
GRD	1MEM1		04-138	323	G	GRD	B12/H0	
GRD	1MEM1		04-138	324	G	GRD	B12/H0	
GRD	1MEM1		04-138	334	G	GRD	B12/H0	
GRD	1MEM1		04-138	337	G	GRD	B12/H0	
GRD	1MEM1		04-138	340	G	GRD	B12/H0	
GRD	1MEM1		04-138	343	G	GRD	B12/H0	
GRD	1MEM1		04-138	346	G	GRD	B12/H0	
GRD	1MEM1		04-138	349	G	GRD	B12/H0	
GRD	1MEM1		04-138	352	G	GRD	B12/H0	
GRD	1MEM1		04-138	356	G	GRD	B12/H0	

60	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
GRD	04-142	04-142	000	G		B18/A7	*
GRD	04-142	04-142	001	G		B18/B7	*
GRD	04-142	04-142	002	G		B18/B7	*
GRD	04-142	04-142	003	G		B18/B7	*
GRD	04-142	04-142	004	G		B18/B7	*
GRD	04-142	04-142	005	G		B18/B7	*
GRD	04-142	04-142	006	G		B18/B7	*
GRD	04-142	04-142	007	G		B18/B7	*
GRD	04-142	04-142	008	G		B18/B7	*
GRD	04-142	04-142	009	G		B18/B7	*
GRD	04-142	04-142	010	G		B18/B7	*
GRD	04-142	04-142	011	G		B18/B7	*
GRD	04-142	04-142	012	G		B18/C7	*
GRD	04-142	04-142	013	G		B18/C7	*
GRD	04-142	04-142	014	G		B18/C7	*
GRD	04-142	04-142	015	G		B18/C7	*
GRD	04-142	04-142	016	G		B18/C7	*
GRD	04-142	04-142	017	G		B18/C7	*
GRD	04-142	04-142	018	G		B18/C7	*
GRD	04-142	04-142	019	G		B18/C7	*
GRD	04-142	04-142	020	G		B18/C7	*
GRD	04-142	04-142	021	G		B18/C7	*
GRD	04-142	04-142	022	G		B18/C7	*
GRD	04-142	04-142	023	G		B18/D7	*
GRD	04-142	04-142	024	G		B18/D7	*
GRD	04-142	04-142	032	G		B18/D7	*
GRD	04-142	04-142	033	G		B18/E7	*
GRD	04-142	04-142	034	G		B18/E7	*
GRD	04-142	04-142	035	G		B18/E7	*
GRD	04-142	04-142	036	G		B18/E7	*
GRD	04-142	04-142	037	G		B18/E7	*
GRD	04-142	04-142	038	G		B18/E7	*
GRD	04-142	04-142	039	G		B18/E7	*
GRD	04-142	04-142	040	G		B18/E7	*
GRD	04-142	04-142	041	G		B18/E7	*
GRD	04-142	04-142	042	G		B18/E7	*
GRD	04-142	04-142	043	G		B18/E7	*
GRD	04-142	04-142	044	G		B18/F7	*
GRD	04-142	04-142	045	G		B18/F7	*
GRD	04-142	04-142	046	G		B18/F7	*
GRD	04-142	04-142	047	G		B18/F7	*
GRD	04-142	04-142	048	G		B18/F7	*
GRD	04-142	04-142	049	G		B18/F7	*
GRD	04-142	04-142	050	G		B18/F7	*
GRD	04-142	04-142	051	G		B18/F7	*
GRD	04-142	04-142	052	G		B18/F7	*
GRD	04-142	04-142	053	G		B18/F7	*
GRD	04-142	04-142	054	G		B18/F7	*
GRD	04-142	04-142	055	G		B18/G7	*
GRD	04-142	04-142	056	G		B18/G7	*
GRD	04-143	04-143	006	G		B17/F0	*
GRD	1MEM2	04-144	004	G	GRD	B12/H2	
GRD	1MEM2	04-144	007	G	GRD	B12/H2	
GRD	1MEM2	04-144	010	G	GRD	B12/H2	
GRD	1MEM2	04-144	013	G	GRD	B12/H2	
GRD	1MEM2	04-144	016	G	GRD	B12/H2	
GRD	1MEM2	04-144	018	G	GRD	B12/H2	
GRD	1MEM2	04-144	020	G	GRD	B12/H2	
GRD	1MEM2	04-144	022	G	GRD	B12/H2	
GRD	1MEM2	04-144	023	G	GRD	B12/H2	
GRD	1MEM2	04-144	034	G	GRD	B12/H2	
GRD	1MEM2	04-144	036	G	GRD	B12/H2	
GRD	1MEM2	04-144	038	G	GRD	B12/H2	
GRD	1MEM2	04-144	041	G	GRD	B12/H2	
GRD	1MEM2	04-144	044	G	GRD	B12/H2	
GRD	1MEM2	04-144	047	G	GRD	B12/H2	
GRD	1MEM2	04-144	050	G	GRD	B12/H2	
GRD	1MEM2	04-144	053	G	GRD	B12/H2	
GRD	1MEM2	04-144	056	G	GRD	B12/H2	
GRD	1MEM2	04-144	103	G	GRD	B12/H2	
GRD	1MEM2	04-144	105	G	GRD	B12/H2	
GRD	1MEM2	04-144	107	G	GRD	B12/H2	
GRD	1MEM2	04-144	109	G	GRD	B12/H2	
GRD	1MEM2	04-144	111	G	GRD	B12/H2	
GRD	1MEM2	04-144	113	G	GRD	B12/H2	

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SWITCHING MODULE PROCESSOR UNIT, MODEL 2			
		DWG SIZE C2	ISSUE 20B
AT&T	SD-5D129-01		SHEET A24

A

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H

70 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
UA12	04-106	04-106	043	IO		B15/B1	*
UA12	04-107	04-107	043	IO		B15/B1	*
UA12	1MPC	04-108	044	IO UA12		B7/F3	
UA13	OMPC	04-076	343	IO UA13		B2/F2	
UA13	04-090	04-090	144	IO		B15/C1	*
UA13	04-096	04-096	043	IO		B15/B1	*
UA13	04-097	04-097	043	IO		B15/B1	*
UA13	BTSR	04-100	144	IO UA13		B15/F3	
UA13	1MPC	04-108	343	IO UA13		B7/F3	
UA14	OMPC	04-076	243	IO UA14		B2/F2	
UA14	04-090	04-090	045	IO		B15/C1	*
UA14	04-098	04-098	047	IO		B15/F1	*
UA14	04-099	04-099	047	IO		B15/F1	*
UA14	BTSR	04-100	045	IO UA14		B15/F3	
UA14	1MPC	04-108	243	IO UA14		B7/F3	
UA15	OMPC	04-076	143	IO UA15		B2/F2	
UA15	04-090	04-090	245	IO		B15/C1	*
UA15	BTSR	04-100	245	IO UA15		B15/F3	
UA15	04-104	04-104	047	IO		B15/F1	*
UA15	04-105	04-105	047	IO		B15/F1	*
UA15	1MPC	04-108	143	IO UA15		B7/F3	
UA16	OMPC	04-076	043	IO UA16		B2/F2	
UA16	04-090	04-090	042	IO		B15/C1	*
UA16	BTSR	04-100	042	IO UA16		B15/F3	
UA16	04-106	04-106	042	IO		B15/F1	*
UA16	04-107	04-107	042	IO		B15/F1	*
UA16	1MPC	04-108	043	IO UA16		B7/F3	
UA17	OMPC	04-076	340	IO UA17		B2/F2	
UA17	04-090	04-090	142	IO		B15/C1	*
UA17	04-098	04-098	045	IO		B15/F1	*
UA17	04-099	04-099	045	IO		B15/F1	*
UA17	BTSR	04-100	142	IO UA17		B15/F3	
UA17	1MPC	04-108	340	IO UA17		B7/F3	
UA18	OMPC	04-076	041	IO UA18		B2/F2	
UA18	04-090	04-090	242	IO		B15/C1	*
UA18	BTSR	04-100	242	IO UA18		B15/F3	
UA18	04-106	04-106	040	IO		B15/F1	*
UA18	04-107	04-107	040	IO		B15/F1	*
UA18	1MPC	04-108	041	IO UA18		B7/F3	
UA19	OMPC	04-076	141	IO UA19		B2/F2	
UA19	04-090	04-090	342	IO		B15/C1	*
UA19	BTSR	04-100	342	IO UA19		B15/F3	
UA19	04-104	04-104	045	IO		B15/F1	*
UA19	04-105	04-105	045	IO		B15/G1	*
UA19	1MPC	04-108	141	IO UA19		B7/F3	
UA2	OMPC	04-076	346	IO UA02		B2/F2	
UA2	04-090	04-090	146	IO		B15/C1	*
UA2	04-096	04-096	046	IO		B15/C1	*
UA2	04-097	04-097	046	IO		B15/C1	*
UA2	BTSR	04-100	146	IO UA2		B15/F3	
UA2	1MPC	04-108	346	IO UA02		B7/F3	
UA20	OMPC	04-076	341	IO UA20		B2/F2	
UA20	04-090	04-090	341	IO		B15/C1	*
UA20	04-096	04-096	041	IO		B15/G1	*
UA20	04-097	04-097	041	IO		B15/G1	*
UA20	BTSR	04-100	341	IO UA20		B15/F3	
UA20	1MPC	04-108	341	IO UA20		B7/F3	
UA21	OMPC	04-076	048	IO UA21		B2/F2	
UA21	04-090	04-090	036	IO		B15/C1	*
UA21	BTSR	04-100	036	IO UA21		B15/F3	
UA21	04-106	04-106	048	IO		B15/G1	*
UA21	04-107	04-107	048	IO		B15/G1	*
UA21	1MPC	04-108	048	IO UA21		B7/F3	
UA22	OMPC	04-076	148	IO UA22		B2/F2	
UA22	04-090	04-090	136	IO		B15/C1	*
UA22	BTSR	04-100	136	IO UA22		B15/F3	
UA22	04-104	04-104	052	IO		B15/G1	*
UA22	04-105	04-105	052	IO		B15/G1	*
UA22	1MPC	04-108	148	IO UA22		B7/F3	
UA23	OMPC	04-076	248	IO UA23		B2/F2	
UA23	04-090	04-090	236	IO		B15/C1	*
UA23	04-098	04-098	052	IO		B15/G1	*
UA23	04-099	04-099	052	IO		B15/G1	*
UA23	BTSR	04-100	236	IO UA23		B15/F3	
UA23	1MPC	04-108	248	IO UA23		B7/F3	
UA24	OMPC	04-076	250	IO UA24		B2/F2	
UA24	04-090	04-090	007	IO		B15/C1	*
UA24	04-098	04-098	053	IO		B15/G1	*
UA24	04-099	04-099	053	IO		B15/H1	*
UA24	BTSR	04-100	007	IO UA24		B15/F3	
UA24	1MPC	04-108	250	IO UA24		B7/F3	
UA3	OMPC	04-076	246	IO UA03		B2/F2	

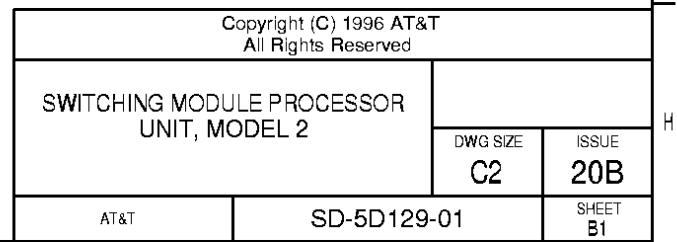
71 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
UA3	04-090	04-090	246	IO		B15/C1	*
UA3	04-098	04-098	050	IO		B15/C1	*
UA3	04-099	04-099	050	IO		B15/D1	*
UA3	BTSR	04-100	246	IO UA3		B15/F3	
UA3	1MPC	04-108	246	IO UA03		B7/F3	
UA4	OMPC	04-076	146	IO UA04		B2/F2	
UA4	04-090	04-090	346	IO		B15/C1	*
UA4	BTSR	04-100	346	IO UA4		B15/F3	
UA4	04-104	04-104	050	IO		B15/D1	*
UA4	04-105	04-105	050	IO		B15/D1	*
UA4	1MPC	04-108	146	IO UA04		B7/F3	
UA5	OMPC	04-076	046	IO UA05		B2/F2	
UA5	04-090	04-090	147	IO		B15/C1	*
UA5	BTSR	04-100	147	IO UA5		B15/F3	
UA5	04-106	04-106	046	IO		B15/D1	*
UA5	04-107	04-107	046	IO		B15/D1	*
UA5	1MPC	04-108	046	IO UA05		B7/F3	
UA6	OMPC	04-076	345	IO UA06		B2/F2	
UA6	04-090	04-090	247	IO		B15/C1	*
UA6	04-096	04-096	045	IO		B15/D1	*
UA6	04-097	04-097	045	IO		B15/D1	*
UA6	BTSR	04-100	247	IO UA6		B15/F3	
UA6	1MPC	04-108	345	IO UA06		B7/F3	
UA7	OMPC	04-076	245	IO UA07		B2/F2	
UA7	04-090	04-090	347	IO		B15/C1	*
UA7	04-098	04-098	049	IO		B15/D1	*
UA7	04-099	04-099	049	IO		B15/D1	*
UA7	BTSR	04-100	347	IO UA7		B15/F3	
UA7	1MPC	04-108	245	IO UA07		B7/F3	
UA8	OMPC	04-076	145	IO UA08		B2/F2	
UA8	04-090	04-090	043	IO		B15/C1	*
UA8	BTSR	04-100	043	IO UA8		B15/F3	
UA8	04-104	04-104	049	IO		B15/D1	*
UA8	04-105	04-105	049	IO		B15/E1	*
UA8	1MPC	04-108	145	IO UA08		B7/F3	
UA9	OMPC	04-076	045	IO UA09		B2/F2	
UA9	04-090	04-090	143	IO		B15/C1	*
UA9	BTSR	04-100	143	IO UA9		B15/F3	
UA9	04-106	04-106	045	IO		B15/E1	*
UA9	04-107	04-107	045	IO		B15/E1	*
UA9	1MPC	04-108	045	IO UA09		B7/F3	
UADCLKB	OMPC	04-076	306	IO UADCLKB		B2/F2	
UADCLKB	04-090	04-090	005	IO		B15/D3	*
UADCLKB	04-096	04-096	006	IO		B15/D3	*
UADCLKB	04-097	04-097	006	IO		B15/D3	*
UADCLKB	BTSR	04-100	005	IO UACLBK		B15/F3	
UADCLKB	1MPC	04-108	306	IO UADCLKB		B7/F3	
UBHE0	OMPC	04-076	342	IO UBHE0		B2/F2	
UBHE0	04-090	04-090	240	IO		B7/C4	*
UBHE0	04-096	04-096	042	IO		B7/C2	*
UBHE0	04-097	04-097	042	IO		B7/C2	*
UBHE0	BTSR	04-100	240	IO UBHE0		B15/F3	
UBHE0	1MPC	04-108	342	IO UBHE0		B7/F3	
UBLE0	OMPC	04-076	247	IO UBLE0		B2/F2	
UBLE0	04-090	04-090	345	IO		B7/C5	*
UBLE0	04-098	04-098	051	IO		B7/C1	*
UBLE0	04-099	04-099	051	IO		B7/C1	*
UBLE0	BTSR	04-100	345	IO UBLE0		B15/F3	
UBLE0	1MPC	04-108	247	IO UBLE0		B7/F3	
UD0	OMPC	04-076	010	IO UD00		B2/F2	
UD0	04-090	04-090	013	IO		B7/E0	*
UD0	BTSR	04-100	013	IO UD0		B15/F3	
UD0	04-106	04-106	008	IO		B7/E0	*
UD0	04-107	04-107	008	IO		B7/E0	*
UD0	1MPC	04-108	010	IO UD00		B7/F3	
UD1	OMPC	04-076	110	IO UD01		B2/F2	
UD1	04-090	04-090	113	IO		B7/E0	*
UD1	BTSR	04-100	113	IO UD1		B15/F3	
UD1	04-104	04-104	007	IO		B7/B1	*
UD1	04-105	04-105	007	IO		B7/B1	*
UD1	1MPC	04-108	110	IO UD01		B7/F3	
UD10	OMPC	04-076	113	IO UD10		B2/F2	
UD10	04-090	04-090	019	IO		B7/E0	*
UD10	BTSR	04-100	019	IO UD10		B15/F3	
UD10	04-104	04-104	009	IO		B7/E2	*
UD10	04-105	04-105	009	IO		B7/E2	*
UD10	1MPC	04-108	113	IO UD10		B7/F3	
UD11	OMPC	04-076	213	IO UD11		B2/F2	
UD11	04-090	04-090	219	IO		B7/E0	*
UD11	04-098	04-098	009	IO		B7/E2	*
UD11	04-099	04-099	009	IO		B7/E2	*
UD11	BTSR	04-100	219	IO UD11		B15/F3	

72	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI	EQL	TRMNO	FN TRMMOD	SYMLOC	XT
UD11	1MPC		04-108	213	IO UD11	B7/F3	
UD12	OMPC		04-076	014	IO UD12	B2/F2	
UD12	04-090		04-090	020	IO	B7/B0	*
UD12	BTSR		04-100	020	IO UD12	B15/F3	
UD12	04-106		04-106	011	IO	B7/E2	*
UD12	04-107		04-107	011	IO	B7/E2	*
UD12	1MPC		04-108	014	IO UD12	B7/F3	
UD13	OMPC		04-076	114	IO UD13	B2/F2	
UD13	04-090		04-090	120	IO	B7/B0	*
UD13	BTSR		04-100	120	IO UD13	B15/F3	
UD13	04-104		04-104	010	IO	B7/E2	*
UD13	04-105		04-105	010	IO	B7/E2	*
UD13	1MPC		04-108	114	IO UD13	B7/F3	
UD14	OMPC		04-076	214	IO UD14	B2/F2	
UD14	04-090		04-090	220	IO	B7/B0	*
UD14	04-098		04-098	010	IO	B7/E3	*
UD14	04-099		04-099	010	IO	B7/E3	*
UD14	BTSR		04-100	220	IO UD14	B15/F3	
UD14	1MPC		04-108	214	IO UD14	B7/F3	
UD15	OMPC		04-076	314	IO UD15	B2/F2	
UD15	04-090		04-090	320	IO	B7/B0	*
UD15	04-096		04-096	011	IO	B7/B3	*
UD15	04-097		04-097	011	IO	B7/B3	*
UD15	BTSR		04-100	320	IO UD15	B15/F3	
UD15	1MPC		04-108	314	IO UD15	B7/F3	
UD2	OMPC		04-076	310	IO UD02	B2/F2	
UD2	04-090		04-090	213	IO	B7/B0	*
UD2	04-096		04-096	008	IO	B7/E1	*
UD2	04-097		04-097	008	IO	B7/E1	*
UD2	BTSR		04-100	213	IO UD2	B15/F3	
UD2	1MPC		04-108	310	IO UD02	B7/F3	
UD3	OMPC		04-076	011	IO UD03	B2/F2	
UD3	04-090		04-090	014	IO	B7/B0	*
UD3	BTSR		04-100	014	IO UD3	B15/F3	
UD3	04-106		04-106	009	IO	B7/E1	*
UD3	04-107		04-107	009	IO	B7/E1	*
UD3	1MPC		04-108	011	IO UD03	B7/F3	
UD4	OMPC		04-076	111	IO UD04	B2/F2	
UD4	04-090		04-090	214	IO	B7/B0	*
UD4	BTSR		04-100	214	IO UD4	B15/F3	
UD4	04-104		04-104	008	IO	B7/E1	*
UD4	04-105		04-105	008	IO	B7/E1	*
UD4	1MPC		04-108	111	IO UD04	B7/F3	
UD5	OMPC		04-076	211	IO UD05	B2/F2	
UD5	04-090		04-090	314	IO	B7/B0	*
UD5	04-098		04-098	007	IO	B7/E1	*
UD5	04-099		04-099	007	IO	B7/E1	*
UD5	BTSR		04-100	314	IO UD5	B15/F3	
UD5	1MPC		04-108	211	IO UD05	B7/F3	
UD6	OMPC		04-076	311	IO UD06	B2/F2	
UD6	04-090		04-090	015	IO	B7/B0	*
UD6	04-096		04-096	009	IO	B7/E1	*
UD6	04-097		04-097	009	IO	B7/E1	*
UD6	BTSR		04-100	015	IO UD6	B15/F3	
UD6	1MPC		04-108	311	IO UD06	B7/F3	
UD7	OMPC		04-076	212	IO UD07	B2/F2	
UD7	04-090		04-090	115	IO	B7/B0	*
UD7	04-098		04-098	008	IO	B7/E1	*
UD7	04-099		04-099	008	IO	B7/E2	*
UD7	BTSR		04-100	115	IO UD7	B15/F3	
UD7	1MPC		04-108	212	IO UD07	B7/F3	
UD8	OMPC		04-076	312	IO UD08	B2/F2	
UD8	04-090		04-090	218	IO	B7/B0	*
UD8	04-096		04-096	010	IO	B7/E2	*

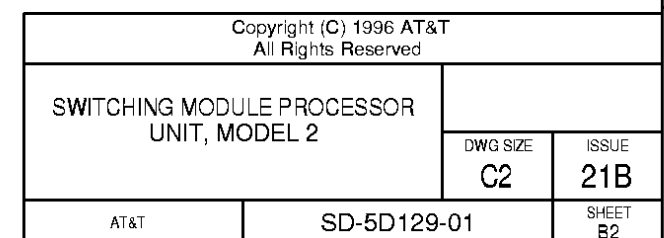
73 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
UD8	04-097	04-097	010	IO	B7/E2	*	
UD8	BTSR	04-100	218	IO UD8	B15/F3		
UD8	1MPC	04-108	312	IO UD8	B7/F3		
UD9	0MPC	04-076	013	IO UD9	B2/F2	*	
UD9	04-090	04-090	318	IO	B7/E0		
UD9	BTSR	04-100	318	IO UD9	B15/F3		
UD9	04-106	04-106	010	IO	B7/E2		
UD9	04-107	04-107	010	IO	B7/E2		
UD9	1MPC	04-108	013	IO UD9	B7/F3		
UBAPAR	0MPC	04-076	242	IO UBAPAR	B2/F2	*	
UBAPAR	04-090	04-090	141	IO	B7/C5		
UBAPAR	04-098	04-098	046	IO	B7/C1		
UBAPAR	04-099	04-099	046	IO	B7/C1		
UBAPAR	BTSR	04-100	141	IO UBAPAR	B15/F3		
UBAPAR	1MPC	04-108	242	IO UBAPAR	B7/F3		
UHAPAR	0MPC	04-076	142	IO UHAPAR	B2/F2	*	
UHAPAR	04-090	04-090	041	IO	B7/C5		
UHAPAR	BTSR	04-100	041	IO UHAPAR	B15/F3		
UHAPAR	04-104	04-104	046	IO	B7/C1		
UHAPAR	04-105	04-105	046	IO	B7/C1		
UHAPAR	1MPC	04-108	142	IO UHAPAR	B7/F3		
UHDPAR	0MPC	04-076	215	IO UHDPAR	B2/F2	*	
UHDPAR	04-090	04-090	221	IO	B7/C5		
UHDPAR	04-098	04-098	011	IO	B7/C1		
UHDPAR	04-099	04-099	011	IO	B7/C1		
UHDPAR	BTSR	04-100	221	IO UHDPAR	B15/F3		
UHDPAR	1MPC	04-108	215	IO UHDPAR	B7/F3		
ULAPAR	0MPC	04-076	042	IO ULAPAR	B2/F2	*	
ULAPAR	04-090	04-090	340	IO	B7/C5		
ULAPAR	BTSR	04-100	340	IO ULAPAR	B15/F3		
ULAPAR	04-106	04-106	041	IO	B7/C0		
ULAPAR	04-107	04-107	041	IO	B7/C0		
ULAPAR	1MPC	04-108	042	IO ULAPAR	B7/F3		
ULDPAR	0MPC	04-076	115	IO ULDPAR	B2/F2	*	
ULDPAR	04-090	04-090	021	IO	B7/C5		
ULDPAR	BTSR	04-100	021	IO ULDPAR	B15/F3		
ULDPAR	04-104	04-104	011	IO	B7/C0		
ULDPAR	04-105	04-105	011	IO	B7/C0		
ULDPAR	1MPC	04-108	115	IO ULDPAR	B7/F3		
UNRCV	04-082	04-082	013	IO	B19/C1	*	
UNRCV	04-082	04-082	308	IO	B19/C1		
UNTNS	04-082	04-082	115	IO	B19/C1	*	
UNTNS	04-082	04-082	306	IO	B19/D1		
URD0	0MPC	04-076	106	IO URD0	B2/F2	*	
URD0	04-090	04-090	003	IO	B7/C5		
URD0	BTSR	04-100	003	IO URD0	B15/F3		
URD0	04-104	04-104	006	IO	B7/C0		
URD0	04-105	04-105	006	IO	B7/C0		
URD0	1MPC	04-108	106	IO URD0	B7/F3		
UWAIT0	0MPC	04-076	103	IO UWAIT0	B2/F2	*	
UWAIT0	04-090	04-090	104	IO	B7/C5		
UWAIT0	BTSR	04-100	104	I UWAIT0	B15/F3		
UWAIT0	04-104	04-104	004	IO	B7/C0		
UWAIT0	04-105	04-105	004	IO	B7/C0		
UWAIT0	1MPC	04-108	103	IO UWAIT0	B7/F3		
UWR0	0MPC	04-076	206	IO UWR0	B2/F2	*	
UWR0	04-090	04-090	204	IO	B15/D4		
UWR0	04-098	04-098	006	IO	B15/D2		
UWR0	04-099	04-099	006	IO	B15/D2		
UWR0	BTSR	04-100	204	IO UWR0	B15/F3		
UWR0	1MPC	04-108	206	IO UWR0	B7/F3		

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SWITCHING MODULE PROCESSOR UNIT, MODEL 2	DWG SIZE	ISSUE
	C2	20B
AT&T	SD-5D129-01	SHEET A29

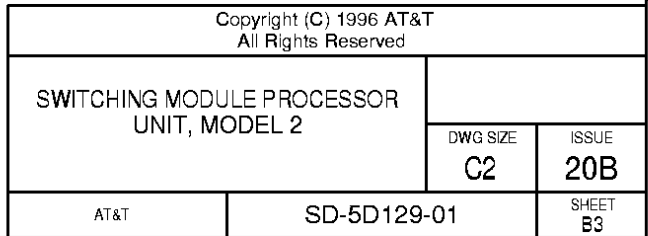
MICRO PROCESSOR COMPLEX 0
(P/O INTERCONNECTION & FLOW DIAGRAM)



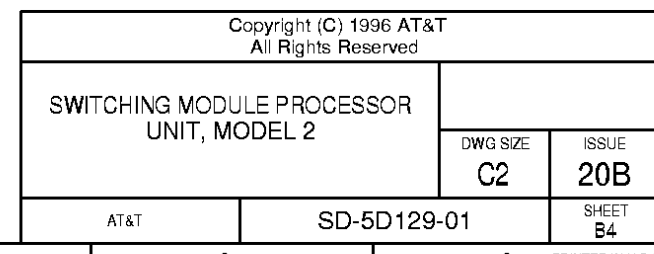
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(P/O INTERCONNECTION & FLOW DIAGRAM)



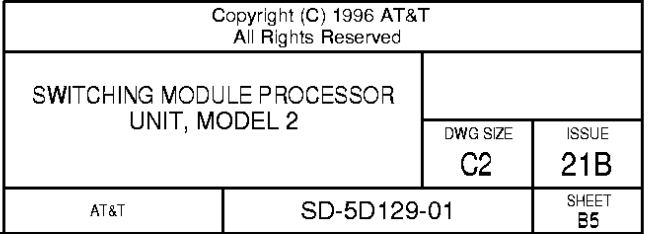
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(P/O INTERCONNECTION & FLOW DIAGRAM)



MICRO PROCESSOR COMPLEX 0
(P/O INTERCONNECTION & FLOW DIAGRAM)

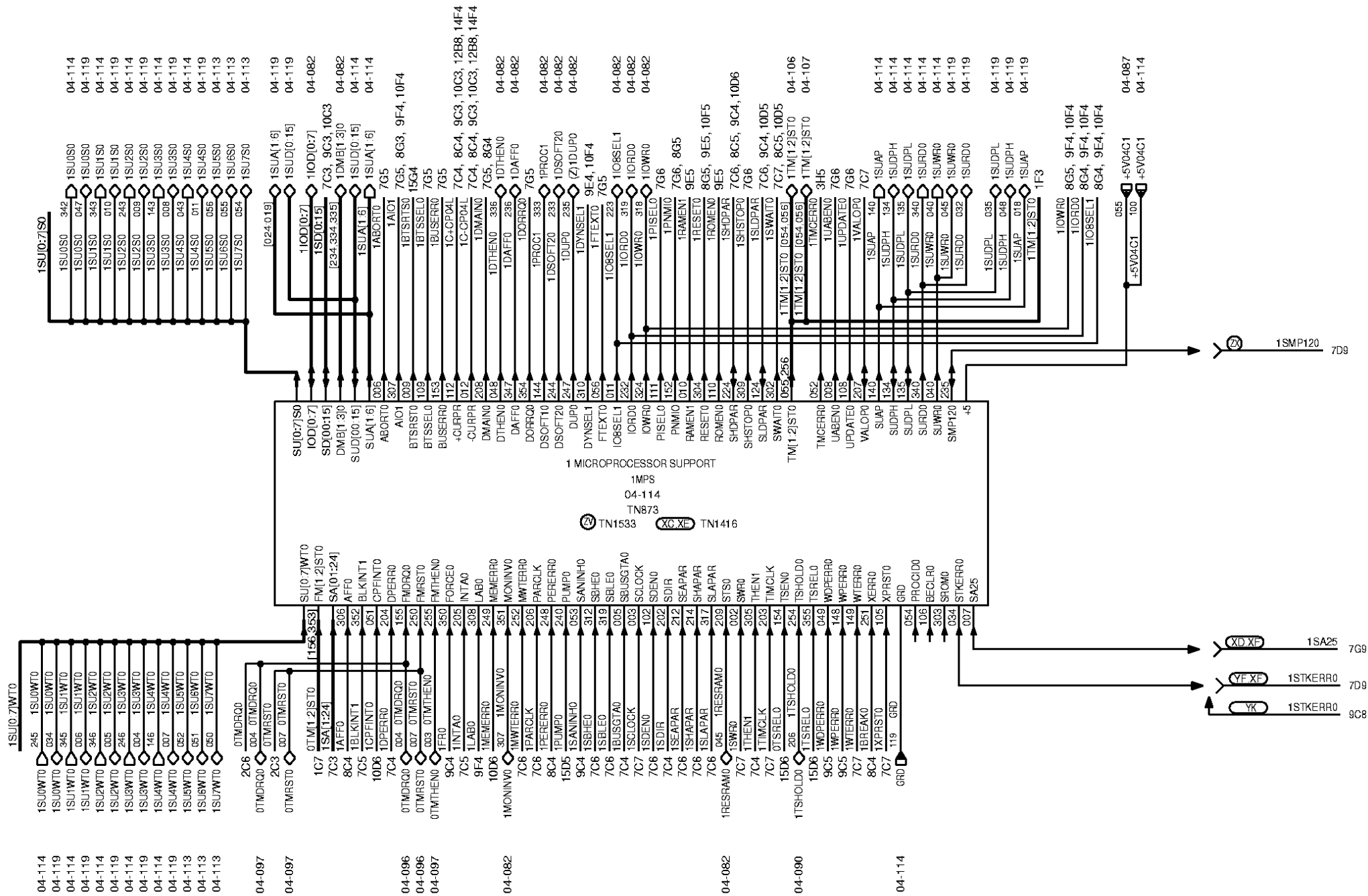


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(P/O INTERCONNECTION & FLOW DIAGRAM)



PART OF FS 2

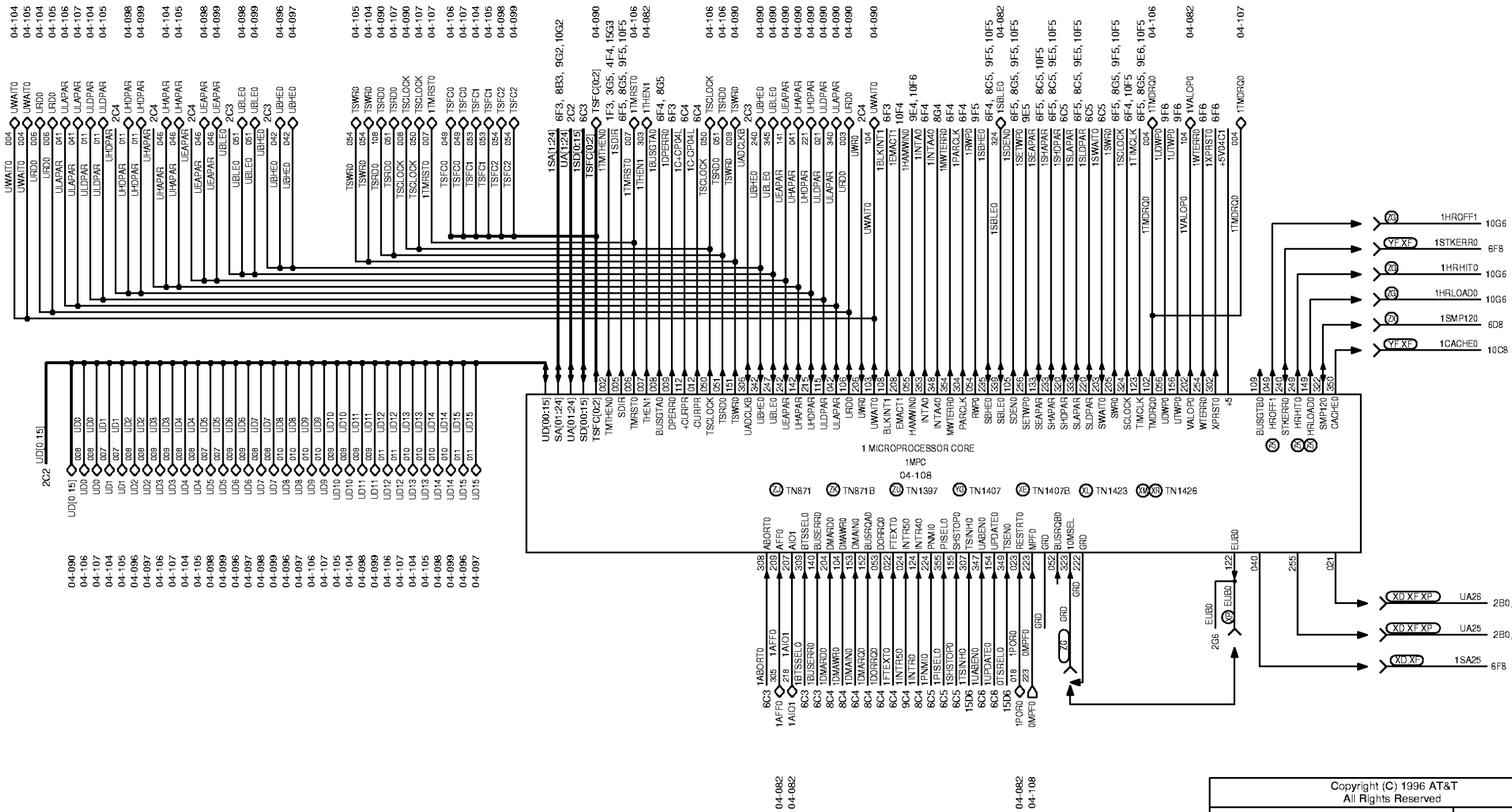
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(P/O INTERCONNECTION & FLOW DIAGRAM)



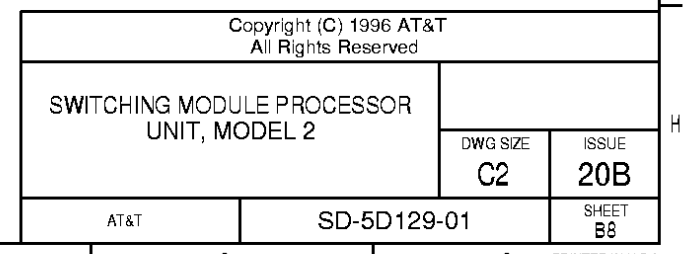
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SWITCHING MODULE PROCESSOR UNIT, MODEL 2	DWG SIZE	ISSUE
	C2	20B
AT&T	SD-5D129-01	
		SHEET B6

PART OF FS 2

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(P/O INTERCONNECTION & FLOW DIAGRAM)

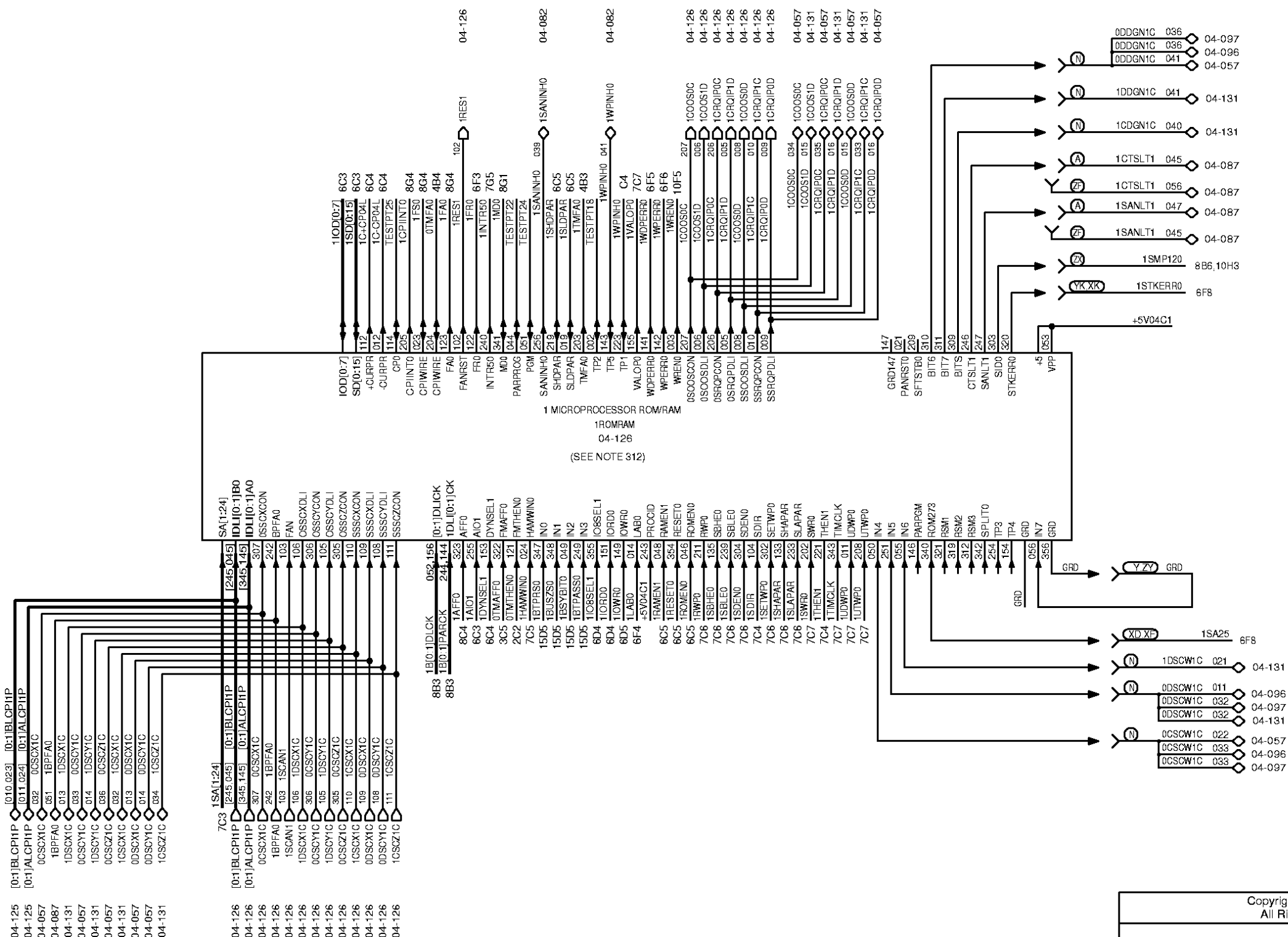


MICRO PROCESSOR COMPLEX 1
(P/O INTERCONNECTION & FLOW DIAGRAM)



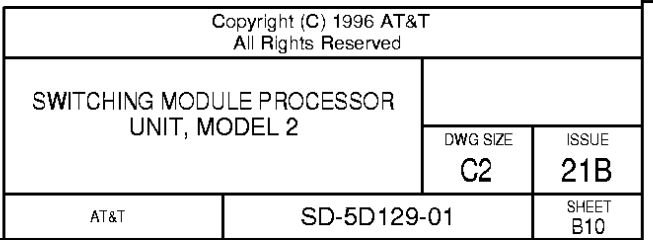
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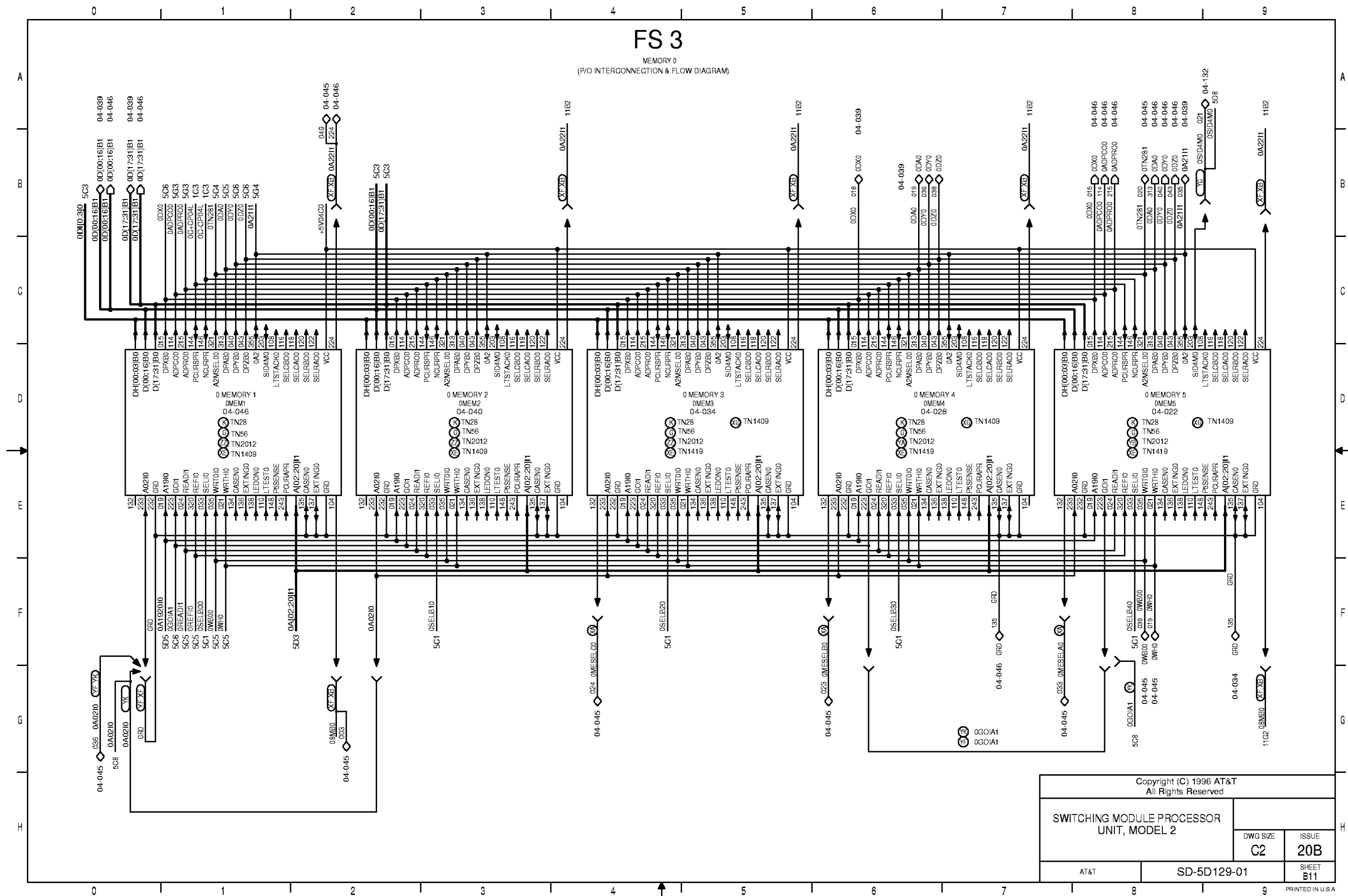
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(P/O INTERCONNECTION & FLOW DIAGRAM)

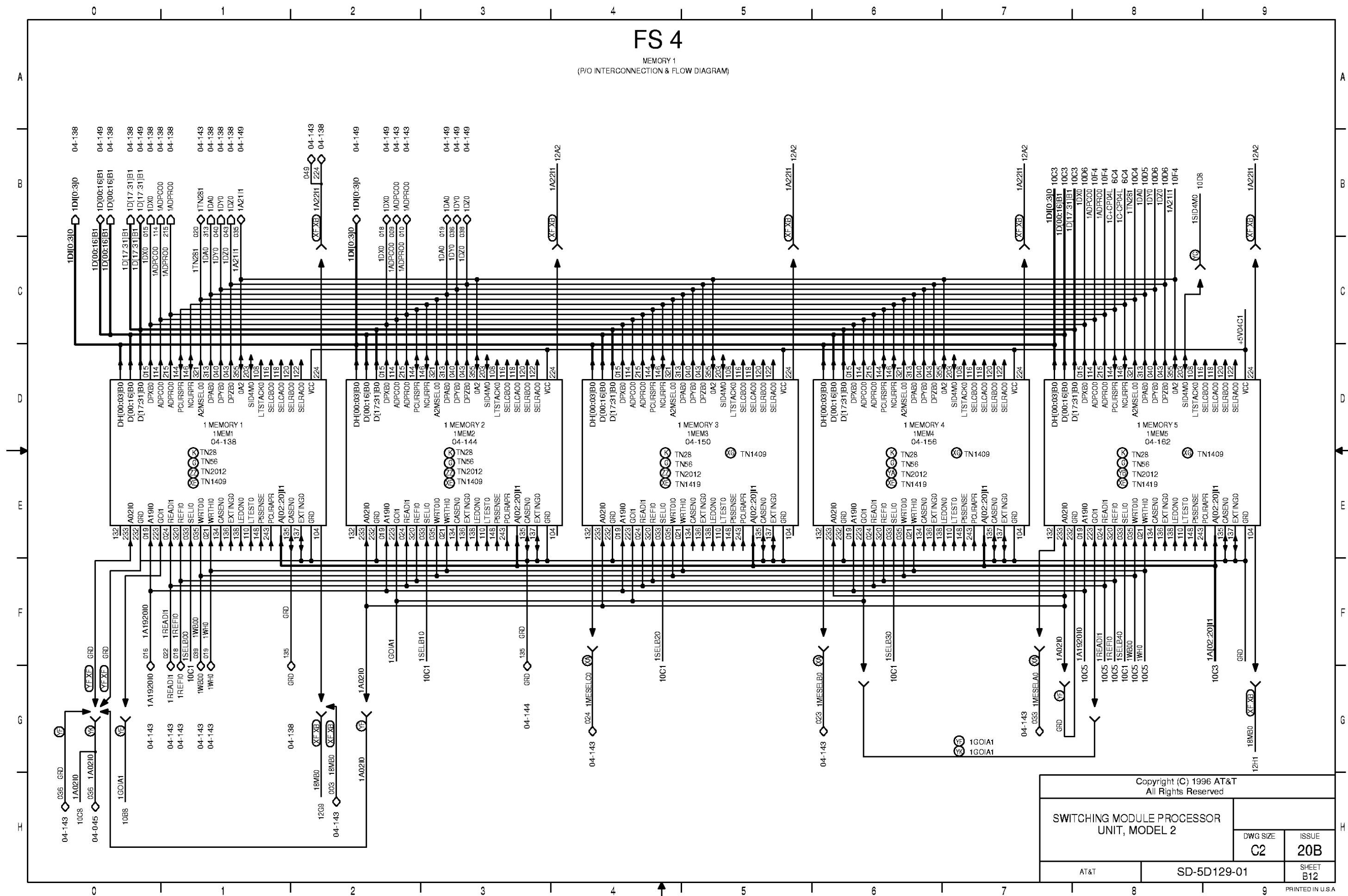


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DWG SIZE C2	ISSUE 20B	
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MICRO PROCESSOR COMPLEX 1
(P/O INTERCONNECTION & FLOW DIAGRAM)

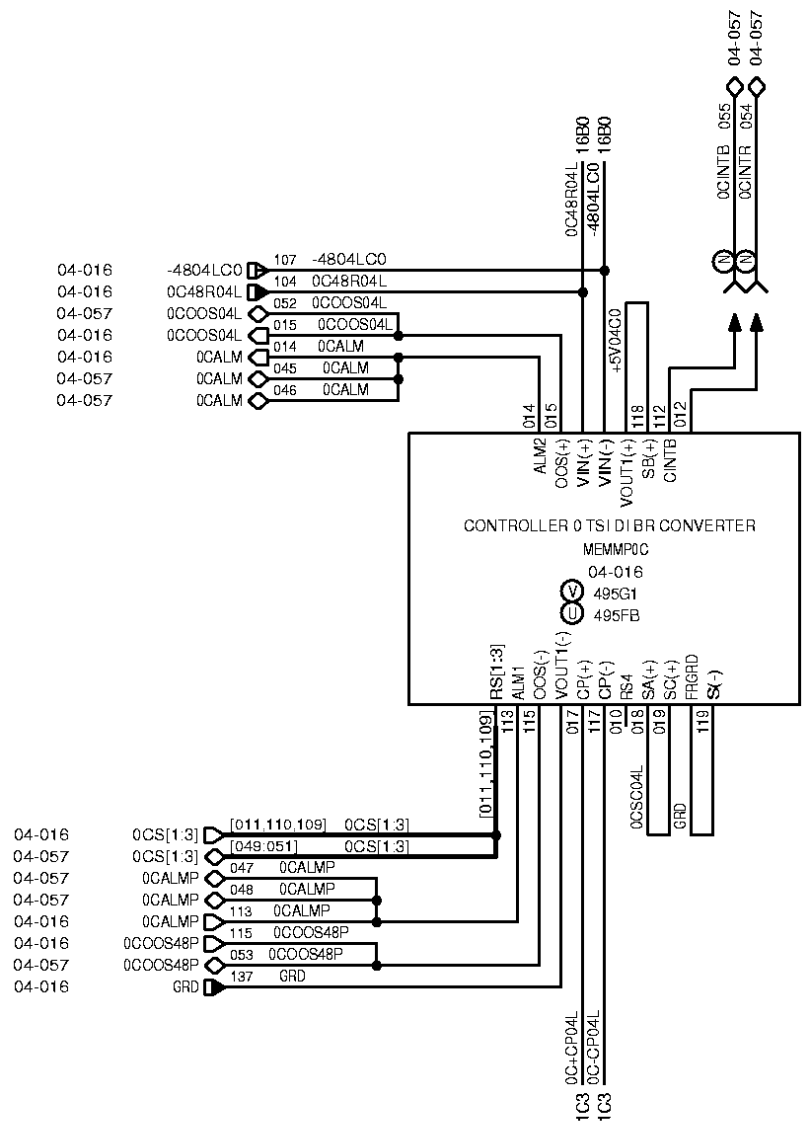






FS 5

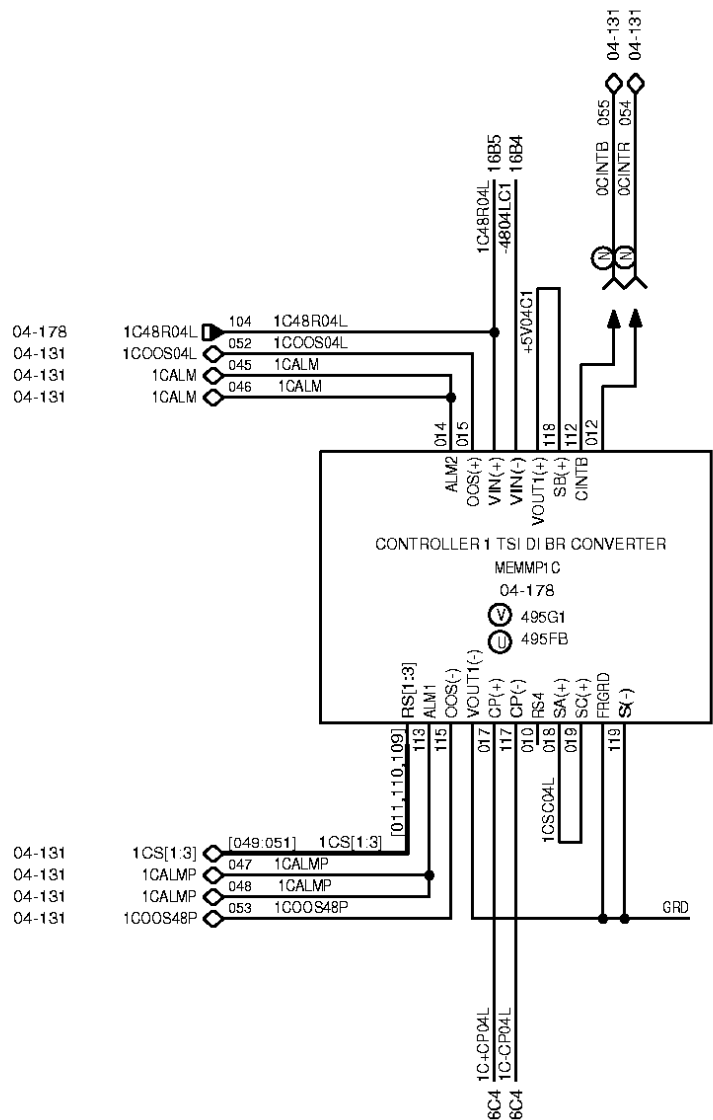
CONTROLLER 0
(P/O INTERCONNECTION & FLOW DIAGRAM)



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SWITCHING MODULE PROCESSOR UNIT, MODEL 2	DWG SIZE	ISSUE
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		SHEET B13

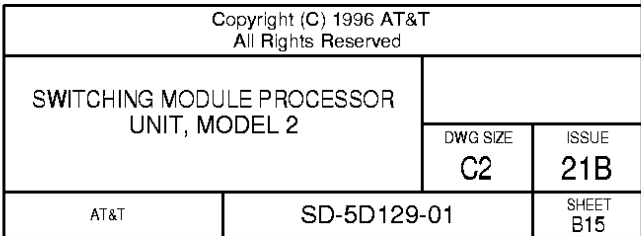
FS 6

CONTROLLER 1
(P/O INTERCONNECTION & FLOW DIAGRAM)

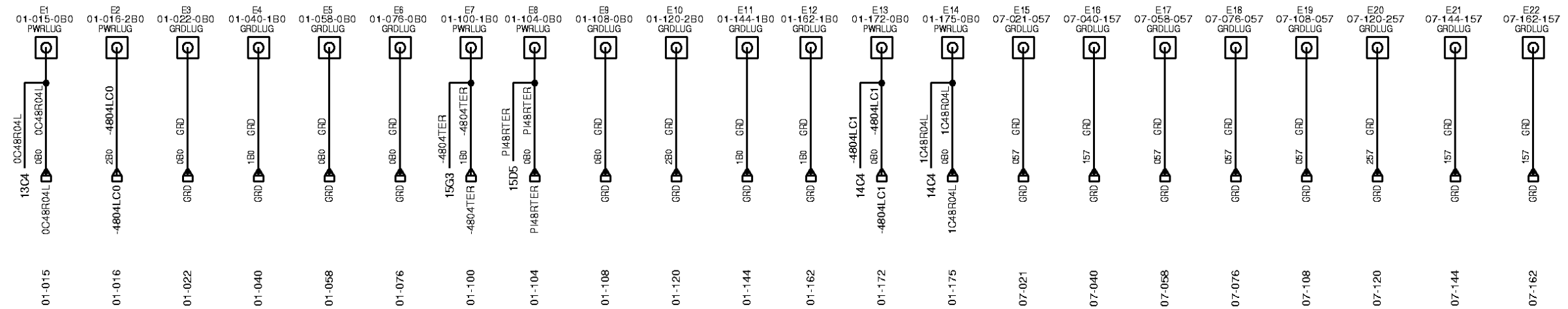


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SWITCHING MODULE PROCESSOR UNIT, MODEL 2	DWG SIZE	ISSUE
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BOOTSTRAPPING CIRCUIT
(P/O INTERCONNECTION & FLOW DIAGRAM)



LUGS



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SWITCHING MODULE PROCESSOR
UNIT, MODEL 2

DWG SIZE	ISSUE
C2	20B

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GROUND

GRD 135	04-040	GRD 000	04-038	GRD 000	04-044	GRD 000	04-056	GRD 000	04-062	GRD 000	04-068	GRD 000	04-074	GRD 000	04-086
GRD 006	04-045	GRD 001	04-038	GRD 001	04-044	GRD 001	04-056	GRD 001	04-062	GRD 001	04-068	GRD 001	04-074	GRD 001	04-086
GRD 004	04-058	GRD 002	04-038	GRD 002	04-044	GRD 002	04-056	GRD 002	04-062	GRD 002	04-068	GRD 002	04-074	GRD 002	04-086
GRD 241	04-064	GRD 003	04-038	GRD 003	04-044	GRD 003	04-056	GRD 003	04-062	GRD 003	04-068	GRD 003	04-074	GRD 003	04-086
GRD 004	04-082	GRD 004	04-038	GRD 004	04-044	GRD 004	04-056	GRD 004	04-062	GRD 004	04-068	GRD 004	04-074	GRD 004	04-086
GRD 007	04-082	GRD 005	04-038	GRD 005	04-044	GRD 005	04-056	GRD 005	04-062	GRD 005	04-068	GRD 005	04-074	GRD 005	04-086
GRD 008	04-082	GRD 006	04-038	GRD 006	04-044	GRD 006	04-056	GRD 006	04-062	GRD 006	04-068	GRD 006	04-074	GRD 006	04-086
GRD 016	04-082	GRD 007	04-038	GRD 007	04-044	GRD 007	04-056	GRD 007	04-062	GRD 007	04-068	GRD 007	04-074	GRD 007	04-086
GRD 032	04-082	GRD 008	04-038	GRD 008	04-044	GRD 008	04-056	GRD 008	04-062	GRD 008	04-068	GRD 008	04-074	GRD 008	04-086
GRD 035	04-082	GRD 009	04-038	GRD 009	04-044	GRD 009	04-056	GRD 009	04-062	GRD 009	04-068	GRD 009	04-074	GRD 009	04-086
GRD 038	04-082	GRD 010	04-038	GRD 010	04-044	GRD 010	04-056	GRD 010	04-062	GRD 010	04-068	GRD 010	04-074	GRD 010	04-086
GRD 107	04-082	GRD 011	04-038	GRD 011	04-044	GRD 011	04-056	GRD 011	04-062	GRD 011	04-068	GRD 011	04-074	GRD 011	04-086
GRD 119	04-082	GRD 012	04-038	GRD 012	04-044	GRD 012	04-056	GRD 012	04-062	GRD 012	04-068	GRD 012	04-074	GRD 012	04-086
GRD 132	04-082	GRD 013	04-038	GRD 013	04-044	GRD 013	04-056	GRD 013	04-062	GRD 013	04-068	GRD 013	04-074	GRD 013	04-086
GRD 135	04-082	GRD 014	04-038	GRD 014	04-044	GRD 014	04-056	GRD 014	04-062	GRD 014	04-068	GRD 014	04-074	GRD 014	04-086
GRD 138	04-082	GRD 015	04-038	GRD 015	04-044	GRD 015	04-056	GRD 015	04-062	GRD 015	04-068	GRD 015	04-074	GRD 015	04-086
GRD 200	04-082	GRD 016	04-038	GRD 016	04-044	GRD 016	04-056	GRD 016	04-062	GRD 016	04-068	GRD 016	04-074	GRD 016	04-086
GRD 201	04-082	GRD 017	04-038	GRD 017	04-044	GRD 017	04-056	GRD 017	04-062	GRD 017	04-068	GRD 017	04-074	GRD 017	04-086
GRD 210	04-082	GRD 018	04-038	GRD 018	04-044	GRD 018	04-056	GRD 018	04-062	GRD 018	04-068	GRD 018	04-074	GRD 018	04-086
GRD 222	04-082	GRD 019	04-038	GRD 019	04-044	GRD 019	04-056	GRD 019	04-062	GRD 019	04-068	GRD 019	04-074	GRD 019	04-086
GRD 232	04-082	GRD 020	04-038	GRD 020	04-044	GRD 020	04-056	GRD 020	04-062	GRD 020	04-068	GRD 020	04-074	GRD 020	04-086
GRD 238	04-082	GRD 021	04-038	GRD 021	04-044	GRD 021	04-056	GRD 021	04-062	GRD 021	04-068	GRD 021	04-074	GRD 021	04-086
GRD 248	04-082	GRD 022	04-038	GRD 022	04-044	GRD 022	04-056	GRD 022	04-062	GRD 022	04-068				

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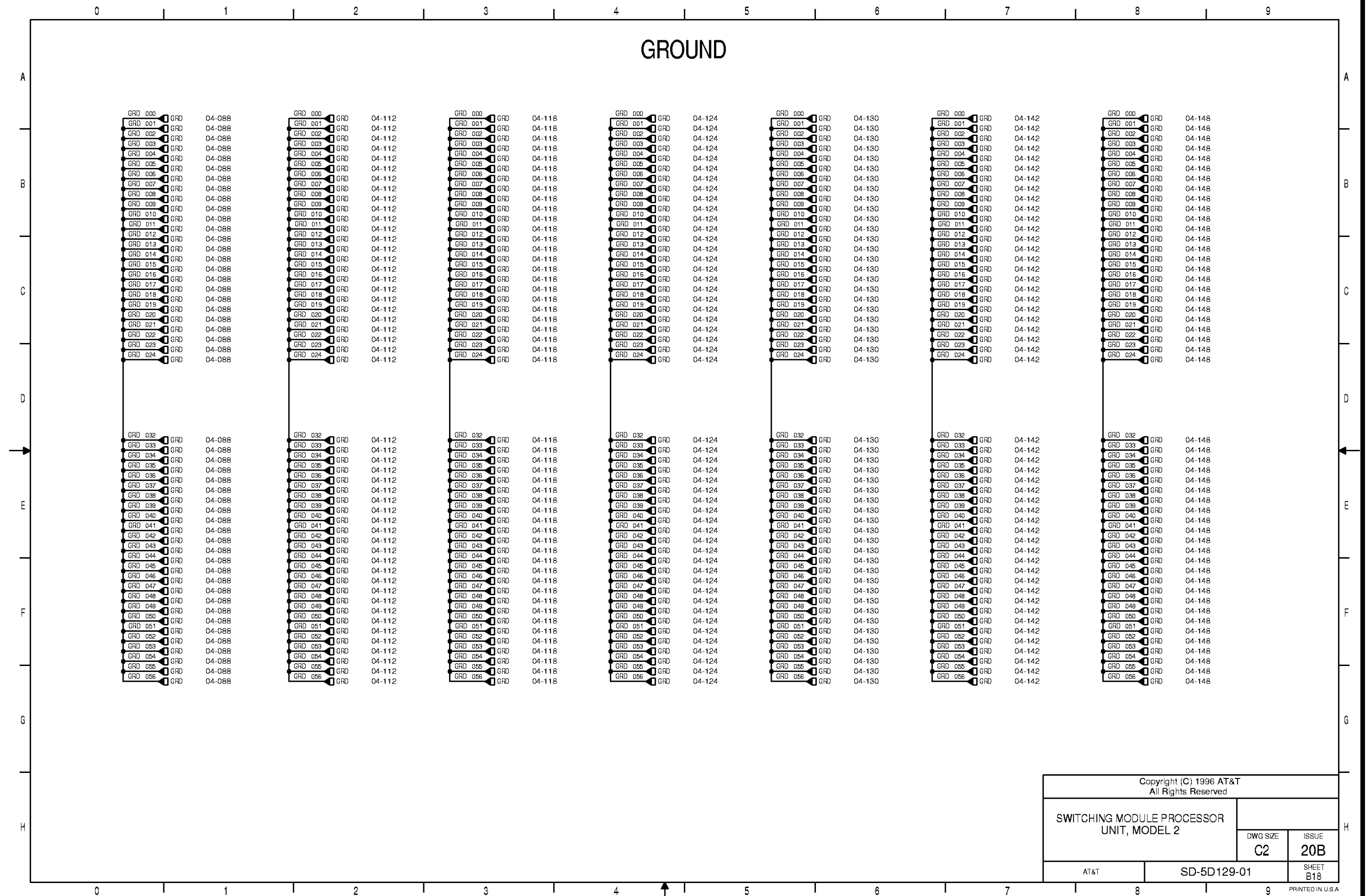
SWITCHING MODULE PROCESSOR
UNIT, MODEL 2

DWG SIZE
C2

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SPARES

	247	BOE0	04-082		000	SPARE00	04-096		035	SPARE40	04-106
	347	BOE0	04-082		000	SPARE00	04-097		035	SPARE40	04-107
	151	EXTRA1	04-082		001	SPARE01	04-096		036	SPARE41	04-106
	333	EXTRA1	04-082		001	SPARE01	04-097		036	SPARE41	04-107
	052	EXTRA2	04-082		002	SPARE02	04-096		037	SPARE42	04-106
	233	EXTRA2	04-090		002	SPARE02	04-097		037	SPARE42	04-107
	152	EXTRA3	04-082		005	SPARE03	04-096		038	SPARE43	04-106
	133	EXTRA3	04-090		005	SPARE03	04-097		038	SPARE43	04-107
	048	PIN0M	04-082		038	SPARE10	04-096		039	SPARE44	04-106
	051	PIN0M	04-090		038	SPARE10	04-097		039	SPARE44	04-107
	149	PIN0P	04-082		039	SPARE11	04-096		047	SPARE45	04-106
	151	PIN0P	04-090		039	SPARE11	04-097		047	SPARE45	04-107
	050	POUTM	04-082		040	SPARE12	04-096		052	SPARE46	04-106
	251	POUTM	04-090		040	SPARE12	04-097		052	SPARE46	04-107
	150	POUTP	04-082		047	SPARE13	04-096		021	SPARE55	04-039
	351	POUTP	04-090		047	SPARE13	04-097		022	SPARE56	04-039
	051	RESETS00	04-082		048	SPARE14	04-096		023	SPARE57	04-039
	034	RESETS00	04-090		048	SPARE14	04-097		024	SPARE58	04-039
	014	TERRCV	04-082		048	SPARE15	04-096		032	SPARE59	04-039
	207	TERRCV	04-082		048	SPARE15	04-097		033	SPARE60	04-039
	116	TERTNS	04-082		050	SPARE16	04-096		034	SPARE61	04-039
	203	TERTNS	04-082		050	SPARE16	04-097		021	SPARE91	04-149
	013	UNRCV	04-082		052	SPARE17	04-096		022	SPARE92	04-149
	308	UNRCV	04-082		052	SPARE17	04-097		023	SPARE93	04-149
	115	UNTNS	04-082		000	SPARE18	04-098		024	SPARE94	04-149
	306	UNTNS	04-082		000	SPARE18	04-099		032	SPARE95	04-149
	002	+12VTER	04-082		001	SPARE19	04-098		033	SPARE96	04-149
	102	+12VTER	04-082		002	SPARE19	04-099		034	SPARE97	04-149
	000	+5VTER	04-082		002	SPARE20	04-098		043	SPARE108	04-057
	001	+5VTER	04-082		003	SPARE20	04-099		056	SPARE110	04-057
	100	+5VTER	04-082		003	SPARE21	04-098		043	SPARE119	04-131
	101	+5VTER	04-082		004	SPARE21	04-099		056	SPARE121	04-131
	332	+5VTER	04-082		004	SPARE22	04-098		017	SPARE122	04-069
	338	+5VTER	04-082		004	SPARE22	04-099		017	SPARE123	04-119
	003	+5VTER	04-082		005	SPARE22	04-098		003	SPARE124	04-063
	103	-12VTER	04-082		005	SPARE23	04-099		007	SPARE125	04-063
	010	-12VTER	04-082		056	SPARE23	04-098		008	SPARE126	04-063
	011	-5VTER	04-082		056	SPARE24	04-099		009	SPARE127	04-063
	116	-5VTER	04-082		000	SPARE25	04-104		016	SPARE128	04-063
	343	0TAFOR0	04-082		000	SPARE25	04-105		020	SPARE129	04-063
	216	1TAFOR0	04-082		001	SPARE26	04-104		021	SPARE130	04-063
	237	1TAFOR0	04-082		002	SPARE26	04-105		022	SPARE131	04-063
					002	SPARE27	04-104		036	SPARE132	04-063
					002	SPARE27	04-105		039	SPARE133	04-063
					003	SPARE28	04-104		049	SPARE134	04-063
					003	SPARE28	04-105		052	SPARE135	04-063
					005	SPARE29	04-104		003	SPARE136	04-125
					005	SPARE29	04-105		007	SPARE137	04-125
					055	SPARE30	04-104		008	SPARE138	04-125
					055	SPARE30	04-105		009	SPARE139	04-125
					056	SPARE31	04-104		016	SPARE140	04-125
					056	SPARE31	04-105		020	SPARE141	04-125
					000	SPARE32	04-106		021	SPARE142	04-125
					001	SPARE32	04-107		022	SPARE143	04-125
					001	SPARE33	04-106		036	SPARE144	04-125
					002	SPARE33	04-107		039	SPARE145	04-125
					002	SPARE34	04-106		049	SPARE146	04-125
					002	SPARE34	04-107		052	SPARE147	04-125
					005	SPARE35	04-106		033	SPARE150	04-069
					005	SPARE35	04-107		046	SPARE151	04-069
					006	SPARE36	04-106		033	SPARE152	04-119
					006	SPARE36	04-107		046	SPARE153	04-119
					032	SPARE37	04-106		337	SPARE166	04-082
					032	SPARE37	04-107		015	SPARE200	04-069
					033	SPARE38	04-106		016	SPARE201	04-069
					033	SPARE38	04-107		015	SPARE261	04-119
					034	SPARE39	04-106		016	SPARE262	04-119
					034	SPARE39	04-107				

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	C2	20B
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APP. FIG 1

OPT	DESIG	EQL	LOC	CODE
WIRING AS PER FS 1 - 7				

APP. FIG 2

CIRCUIT PACK				
OPT	DESIG	EQL	LOC	CODE
J	0MPDMC	04-052	5E4	TN875B
M	0MPDMC	04-052	5E3	TN875
ZM	0MPDMC	04-052	5E4	TN875C
	0MROMRAM	04-058	4D4	SEE NOTE 312
	0MPCCOM	04-064	3D5	TN872
	0MPS	04-070	1D4	TN873
ZJ	0MPC	04-076	2E3	TN871
ZK	0MPC	04-076	2E4	TN871B
W	BTSR	04-100	15E4	TN878
ZJ	1MPC	04-108	7E5	TN871
ZK	1MPC	04-108	7E5	TN871B
	1MPS	04-114	6E4	TN873
	1MPCCOM	04-120	8E4	TN872
	1ROMRAM	04-126	9D4	SEE NOTE 312
J	1MPDMC	04-132	10E4	TN875B
M	1MPDMC	04-132	10E4	TN875
ZM	1MPDMC	04-132	10E4	TN875C

CONVERTER				
OPT	DESIG	EQL	LOC	CODE
U	MEMMP0C	04-016	13E4	495FB
V	MEMMP0C	04-016	13E4	495G1
U	MEMMP1C	04-178	14D4	495FB
V	MEMMP1C	04-178	14D4	495G1

APP. FIG 3

CIRCUIT PACK				
OPT	DESIG	EQL	LOC	CODE
G	0MEM1	04-046	11D1	TN56
K	0MEM1	04-046	11D1	TN28
G	1MEM1	04-138	12D1	TN56
K	1MEM1	04-138	12D1	TN28

APP. FIG 4

CIRCUIT PACK				
OPT	DESIG	EQL	LOC	CODE
G	0MEM2	04-040	11D3	TN56
K	0MEM2	04-040	11D3	TN28
G	1MEM2	04-144	12D3	TN56
K	1MEM2	04-144	12D3	TN28

APP. FIG 5

CIRCUIT PACK				
OPT	DESIG	EQL	LOC	CODE
G	0MEM3	04-034	11D4	TN56
K	0MEM3	04-034	11D4	TN28
G	1MEM3	04-150	12D4	TN56
K	1MEM3	04-150	12D4	TN28

APP. FIG 6

CIRCUIT PACK				
OPT	DESIG	EQL	LOC	CODE
G	0MEM4	04-028	11D6	TN56
K	0MEM4	04-028	11D6	TN28
G	1MEM4	04-156	12D6	TN56
K	1MEM4	04-156	12D6	TN28

APP. FIG 7

CIRCUIT PACK				
OPT	DESIG	EQL	LOC	CODE
G	0MEM5	04-022	11D8	TN56
K	0MEM5	04-022	11D8	TN28
G	1MEM5	04-162	12D8	TN56
K	1MEM5	04-162	12D8	TN28

APP. FIG 8

CIRCUIT PACK				
OPT	DESIG	EQL	LOC	CODE
ZW	0MPDMC	04-052	5E5	TN1527
ZV	0MPS	04-070	1E4	TN1533
ZU	0MPC	04-076	2E4	TN1397
ZU	1MPC	04-108	7E5	TN1397
ZV	1MPS	04-114	6E4	TN1533
ZW	1MPDMC	04-132	10E5	TN1527

SWITCHING MODULE PROCESSOR
UNIT, MODEL 2

DWG SIZE
C2

ISSUE
20B

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SHEET
C1

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0 1 2 3 4 5 6 7 8 9

APP. FIG 9

CIRCUIT PACK

OPT	DESIG	EQL	LOC	CODE
YB	0MEM5	04-022	11D8	TN2012
YA	0MEM4	04-028	11D6	TN2012
ZZ	0MEM3	04-034	11D4	TN2012
ZZ	0MEM2	04-040	11D3	TN2012
ZZ	0MEM1	04-046	11D1	TN2012
ZZ	1MEM1	04-138	12E1	TN2012
ZZ	1MEM2	04-144	12E3	TN2012
ZZ	1MEM3	04-150	12E4	TN2012
YA	1MEM4	04-156	12E8	TN2012
YB	1MEM5	04-162	12E8	TN2012

APP. FIG 10

CIRCUIT PACK

OPT	DESIG	EQL	LOC	CODE
YH	0MPDMC	04-052	5E5	TN1408
YG	0MPC	04-076	2E5	TN1407
YG	1MPC	04-108	7E6	TN1407
YH	1MPDMC	04-132	10E5	TN1408

APP. FIG 11

CIRCUIT PACK

OPT	DESIG	EQL	LOC	CODE
XG	0MEM5	04-022	11D9	TN1409
XG	0MEM4	04-028	11D7	TN1409
XG	0MEM3	04-034	11D5	TN1409
XG	1MEM3	04-150	12D5	TN1409
XG	1MEM4	04-156	12D7	TN1409
XG	1MEM5	04-162	12D9	TN1409

APP. FIG 12

CIRCUIT PACK

OPT	DESIG	EQL	LOC	CODE
XC	0MPDMC	04-052	5E6	TN1408B
XC	0ROMRAM	04-058	SEE NOTE 312	TN1417
XC	0MPS	04-070	1E4	TN1416
XC	BTSR	04-100	15E4	TN1418
XC	1MPS	04-114	6E5	TN1416
XC	1ROMRAM	04-126	9D4	TN1417
XC	1MPDMC	04-132	10E5	TN1408B

APP. FIG 13

CIRCUIT PACK

OPT	DESIG	EQL	LOC	CODE
XE	0MEM5	04-022	11E8	TN1419
XE	0MEM4	04-028	11E6	TN1419
XE	0MEM3	04-034	11E4	TN1419
XE	0MEM2	04-040	11E3	TN1409
XE	0MEM1	04-046	11E1	TN1409
XE	0MPDMC	04-052	5E6	TN1408B
XE	0ROMRAM	04-058	4E4	TN1417
XE	0MPS	04-070	1E4	TN1416
XE	0MPC	04-076	2E5	TN1407B OR TN1407
XE	BTSR	04-100	15E4	TN1418
XE	1MPC	04-108	7E6	TN1407B OR TN1407
XE	1MPS	04-114	6E5	TN1408B
XE	1ROMRAM	04-126	9D5	TN1417
XE	1MPDMC	04-132	10E5	TN1408B
XE	1MEM1	04-138	12E1	TN1409
XE	1MEM2	04-144	12E3	TN1409
XE	1MEM3	04-150	12E4	TN1419
XE	1MEM4	04-156	12E6	TN1419
XE	1MEM5	04-162	12E8	TN1419

APP. FIG 14

CIRCUIT PACK

OPT	DESIG	EQL	LOC	CODE
XL	0MPC	04-076	2E5	TN1423
XL	1MPC	04-108	7E5	TN1423

APP. FIG 15

CIRCUIT PACK

OPT	DESIG	EQL	LOC	CODE
XM	0MPC	04-076	2E5	TN1426
XM	1MPC	04-108	7E5	TN1426
XM,XR	BTSR	04-100	15E4	TN1418
XR	0MPDMC	04-052	5E5	TN1408B
XR	1MPDMC	04-132	10E5	TN1408B

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SWITCHING MODULE PROCESSOR UNIT, MODEL 2	DWG SIZE	ISSUE
	C2	21B
AT&T	SD-5D129-01	
		SHEET C2

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CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
70D 70B	5A 2A	-48V -48V	SERVICE GROUP 0.1 BOOTSTRAPPER 1 ONLY
BATTERY SYMBOL -48V		VOLTAGE RANGE -42.75 TO 52.5	

EQUIPMENT NOTES:

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

203.

SIGNAL NETNAMES TWISTED WITH GROUND
(0,1) NAE (0,1) (P,X,Y,Z) FROMSP (0,1)SUAP (0,1)SU1Z (0,1)SUA(2-6) (0,1)SUDDPH (0,1)SUPDPL (0,1)SUD(0-15)Z (0,1)SURD0 (0,1)SUWR0 (0,1)SU(1-3)S0 (0,1)SU(1-3)WD0 (0,1)SU(1-3)ERR0 (0,1)TS(P,X,Y,Z)SP (0,1)T2MHCI (0,1)T6MSSP0 (0,1)T8MHSP

204. EQUIPMENT LOCATION 04-090 IS RESERVED FOR THE TN849-FIELD TEST SET BINTER BOARD (TEST ACCESS).

205. EQUIPMENT LOCATION 0-4-082 IS RESERVED FOR THE TN319 - SOFTWARE TEST SYSTEM BOARD (TEST ACCESS).

206. OPTION R IS PROVIDED FOR USE ONLY WHEN MEMORY EXPANSION UNIT IS EQUIPPED.

207.

APPARATUS CODE	CIRCUIT PACK REMOVAL PROCEDURES		
	PULL HOT	REMOVE UNIT POWER	SEQUENCED
TN28 TN56 TN871 TN871B TN872 TN873 TN874 T874B TN875 TN875B TN875C	NO	PER SERVICE GROUP SN516* SWITCHED TO OFF	
TN878	YES		
TN397 TN1527 TN1527 TN1533 495FB TN1408B TN1416 TN1417 TN1407B	NO	PER SERVICE GROUP SN516* SWITCHED TO OFF	
TN1418	YES		
TN1409 TN1419 TN1423 TN1426	NO	PER SERVICE GROUP SN516* SWITCHED TO OFF	

*SN516 RESIDES IN ISIU2 DIRECTLY ABOVE THE SMPU2

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SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
		DWG SIZE C2
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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		QUANTITY
			APP FIG	APP OR WRG	
	BACKPLANE AND WIRING				1 PER UNIT
	STS-TEST ACCESS			Z	
		RSM 24 CHANNEL		Y	
		30 CHANNEL		ZY	
	4E2 1-SN516 COMPATABILITY		01	N	
	MULTI-MODULE RSM	(NOTE 310)		A	
		(NOTE 313)		ZF	
	SPEED-UP (SEE NOTE 314)			AF	
	WIRING REQUIRED FOR EXTENDED MEMORY ADDRESS (EMA)			ZX	
	WIRING ADDED FOR SMP23 FEATURE			YF	
	WIRING DELETED FOR SMP23 FEATURE			YK	
	MINIMUM EQUIPPAGE			W	
	FAST PUMP (NOTE 307)			V	
	POWER CONVERTER (NOTE 306)	495G1 BEFORE 8-1-93		U	
		495FB AFTER 8-1-93		R	
	MEMORY EXPANSION UNIT (NOTE 206)			T	
	MICRO PROC. SEE NOTES 309,311 AND 314	MC5D049A1(TN874) TO BE EQUIPPED IN MULTI MODULE SMPU OFFICES. 5E1.2.1 GENERIC	02	S	
		MC5D033A1(TN874) TO BE EQUIPPED IN ALL SINGLE MODULE SMPU OFFICES. 5E1.1A GENERIC		Q	
		MC5D052A1(TN874) TO BE EQUIPPED IN MULTI MODULE SMPU OFFICES. 5EA.2.2 AND 5EE1.1 GENERIC		E	
		MC5D052A1(TN874) TO BE EQUIPPED IN MULTI MODULE SMPU OFFICES. 5E2.1.1 GENERIC		P	
		CORE CIRCUIT PACK		ZJ	
		TN871B (NOTE 314)		ZK	

INFORMATION NOTES(CONT):

302. (CONT)	FEATURE OR OPTION		PROVIDE		QUANTITY
			APP FIG	APP OR WRG	
	MINIMUM EQUIPPAGE (CONT)				1 PER UNIT
	DYNAMIC MEMORY CONTROLLER	TN875		M	
		TN875B		J	
		TN875C (NOTE 314)		ZM	
	MC5D033A1B(TN874B) TO BE EQUIPPED IN ALL SINGLE MODULE SMPU OFFICES 5E1.1A GENERIC			F	
	MC5D049A1B(TN874B) TO BE EQUIPPED IN MULTI MODULE SMPU OFFICES 5E1.2.1 GENERIC			E	
	MC5D052A1B(TN874B) TO BE EQUIPPED IN MULTI MODULE SMPU OFFICES. 5E1.2.2 AND 5EE1.1 GENERIC			D	
	MC5D053A1B (TN874B) TO BE EQUIPPED IN MULTI MODULE SMPU OFFICES. 5E2.1 GENERIC			B	
	MC5D080A1B(TN874B) TO BE EQUIPPED IN MULTI MODULE SMPU OFFICES. 5E2.2 GENERIC			ZA	
	MICRO PROC. (CONT) SEE NOTES 309,311 AND 314	MC5X246A1(TN874) TO BE EQUIPPED IN MULTI MODULE SMPU OFFICES FOR INTERNATIONAL APPLICATIONS. 5EE1.2 GENERIC	02	ZB	
		MC5D080A1(TN874) TO BE EQUIPPED IN MULTI MODULE SMPU OFFICES. 5E2.2 GENERIC		ZD	
		MC5X260A1B(TN874B) TO BE EQUIPPED IN MULTI MODULE SMPU OFFICES. 5E2.2 GENERIC		ZE	
		MC5X261A1B(TN874B) TO BE EQUIPPED IN SMPU OFFICES USING GENERIC 5EE1(3)		ZQ	
		MC5X261A1B(TN874B) TO BE EQUIPPED IN SMPU OFFICES USING GENERIC 5EE1(3)		R	
		MC5X261A1B(TN874B) TO BE EQUIPPED IN SMPU OFFICES USING GENERIC 5EE2		ZS	
		MC5D113A1(TN874) TO BE EQUIPPED IN SMPU OFFICES USING GENERIC 5E3. USE IN NON-RSM. RSM HOST, OR SINGLE MODULE RSM OFFICES.		ZT	

INFORMATION NOTES(CONT):

302. (CONT)	FEATURE OR OPTION		PROVIDE		
			APP FIG	APP OR WRG	QUANTITY
MINIMUM EQUIPPAGE (CONT)			02	ZT	1 PER UNIT
MICRO PROC. (CONT) SEE NOTES 309,311 AND 314	MC5D113A1B(TN874B) TO BE EQUIPPED IN SMPU OFFICES USING GENERIC 5E3. REQUIRED IN MULTI MODULE RSM'S AND OSPS APPLICATIONS.				
	MC5X248A1B(TN874B) TO BE EQUIPPED IN SMPU OFFICES USING GENERIC 5EE1(@)2. (INCLUDES RSM'S)				
	MC5X248A1(TN874) TO BE EQUIPPED IN ALL SINGLE MODULE SMPU OFFICES USING GENERIC 5EE1(2)2				
	APPARATUS REQUIRED FOR 5EE2 GENERIC OFFICES MC5X265A1B(TN874B)				
MEMORY EXPANSION IN 1M-BYTE INCREMENTS MINIMUM 4M-BYTE FOR 5ESS APPLICATIONS (SEE NOTE 305)		03	K	1 PER APP FIG. 02	
		04		1 PER APP FIG. 03	
		05		1 PER APP FIG. 04	
		06		1 PER APP FIG. 05	
		07		1 PER APP FIG. 06	
MEMORY EXPANSION IN 2M-BYTE INCREMENTS MINIMUM 4M-BYTE FOR 5ESS APPLICATIONS (SEE NOTES 305 AND 308)		03	G	1 PER APP FIG. 02	
		04		1 PER APP FIG. 03	
		05		1 PER APP FIG. 04	
		06		1 PER APP FIG. 05	
		07		1 PER APP FIG. 06	
EXTENDED MEMORY ADDRESS FEATURE (EMA)		08		1 PER UNIT	
SMP CORE TN1397			ZU		
CORE SUPPORT TN1533			ZV		
DYNAMIC MEMORY CONTROLLER TN1527			ZW		
4M-BYTE MEMORY (TN2012)		09			
BASIC 12-BYTE			ZZ		
UPT TO 16M-BYTE			YZ		
UP TO 20M-BYTE			YB		
0SIDRM0 AND 1SID4M0 WIRING TO BE REMOVED WHEN EMA IS APPLIED.			YC		
WIRING TO BE REROUTED WHEN TN2012 PACKS ARE USED. (SEE NOT 316)			YE		

INFORMATION NOTES(CONT):

302.
(CONT)

FEATURE OR OPTION	PROVIDE		
	APP FIG	APP OR WRG	QUANTITY
SMP23 FEATURE	10		1 PER UNIT
SMP CORE (TN1407)		YG	
DYNAMIC MEMORY CONTROLLER (TN1408)		YH	
MICROPROCESSOR RAM/ROM(TN874B)		YJ	
WIRES REMOVED		XH	
WIRES ADDED		XB	
SMP12, SPLIT MEMORY WITHOUT MEU	11	XG	1 PER UNIT
TN1409			
04-022, 04-028, 04-156, 04-162, 04-034, 04-150			
WIRES ADDED		XA	
SMP23X, SPLIT MEMORY WITH MEU	12	XC	1 PER UNIT
TN1408B			
04-052, 04-132			
TN1416			
04-070, 04-114			
TN1417			
04-058, 04-126			
TN1418			
04-100			
WIRES REMOVED		XJ	
WIRES ADDED	XD		
SMP23X, SPLIT MEMORY WITHOUT MEU	13	XE	1 PER UNIT
TN1407 OR TN1407B			
04-076, 04-108			
TN1408B			
04-052, 04-132			
TN1416			
04-070, 04-114			
TN1417			
04-058, 04-126			
TN1418			
04-100			
TN1409			
04-040, 04-046, 04-138, 04-144			
TN1419			
04-022, 04-028, 04-156, 04-162, 04-034, 04-150			
WIRES REMOVED		XK	
WIRES ADDED	XF		

0 1 2 3 4 5 6 7 8 9

INFORMATION NOTES(CONT):

302.
(CONT)

FEATURE OR OPTION	PROVIDE		QUANTITY
	APP FIG	APP OR WEG	
SMP 23 CDM WITHOUT EC	14	XL	1 PER CKT
TN1423			
04-076,04-108			
SMP 23 CDMC WITH EC (EXTERNAL CACHE)	15	XM	1 PER CKT
TN1426			
04-076,04-108			
TN1418			
04-100			
WIRE ADDS		XP	
SMP 23 CDMC FROM SMP12 WITH MEU	15	XR	1 PER CKT
TN1418			
04-100			
TN1426			
04-076,04-108			
TN1408B			
04-052,04-132			
WIRE ADDS		XP	

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SWITCHING MODULE PROCESSOR
UNIT, MODEL 2

DWG SIZE
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0 1 2 3 4 5 6 7 8 9

INFORMATION NOTES(CONT):

303.

RECORD OF FIGURES, WIRING AND APPARATUS CHANGES					
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT	
				AVAIL	DA
7AC	N			N	
8B	G		305, 308	G	
8B	J	M	309	J	M
8B	K		305	K	
10AC	F OR S	S			S AND F
10AC	E OR T	T			E AND T
10AC	D OR Q	Q		D	Q
10AC	B OR P	P		B	P
10AC	ZD OR ZB	ZB		ZD	ZB
10AC	ZA OR ZE	ZE		ZA	ZE
12AC	A OR ZF	A	313	ZF	A
13AC	ZJ OR ZK	ZJ		ZK	ZJ
13AC	J,M,ZM	M		ZM	J,M
13AC	ZG		314	ZG	
13AC	ZN		312		ZN
13AC	ZP		312	ZP	
14B	ZN		312		ZN
14B	ZQ		312	ZQ	
14B	ZR		312		ZR
14B	ZS		312	ZS	
14B	ZT		312	ZT	
14B	ZU			ZU	
14B	ZV			ZV	
14B	ZW			ZW	
14B	ZX			ZX	
15B	ZY			ZY	
15B	ZZ			ZZ	
15B	YA			YZ	
15B	YB			YB	
16M	YC			YC	
17A	YD			YD	
17A	YE			YE	
19A	YF			YF,YK	
19A	YG			YG	
19A	YH			YH	
19A	YJ		312	YJ	
20B		XA		XA	
20B		XH		XH	
20B		XB		XB	
20B		XC		XC	
20B		XJ		XJ	
20B		XD		XD	
20B		XE		XE	
20B		XK		XK	
20B		XF		XF	
20B		XG		XG	

INFORMATION NOTES(CONT):

RECORD OF FIGURES, WIRING AND APPARATUS CHANGES					
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT	
				AVAIL	DA
21B		XL		XL	
21B		XM		XM	
21B		XN	312	XN	
21B		XP		XP	
21B		XR		XR	

304. UNUSED

305. SHOULD MEMORY REQUIREMENTS EXCEED FIVE MEMORY SLOT CAPACITY (5M-BYTE WITH TN28'S, 10M-BYTE WITH TN56'S). THE MEMORY EXPANSION UNIT MAY BE ORDERED TO PROVIDE ADDITIONAL MEMORY.

306. OPTION U REQUIRED FOR ALL SYSTEMS NOT IN SYSTEMS TEST PRIOR TO 8-1-83. OPTION U MAY BE USED IN OPTION V APPLICATION. BUT OPTION V MAY NOT BE USED IN OPTION U APPLICATION.

307. TO BE EQUIPPED IN ALL EXCEPT INTERFACE MODULES EQUIPPED IN A GENERIC 1A OFFICE. 1 PER UNIT.

308. TN875B MUST BE PROVIDED WHEN TN56 IS SPECIFIED. OFFICE MUST BE 5E2.1 GENERIC OR LATER.

309. OPTION M OR J MUST BE SPECIFIED. BUT NOT BOTH SIMULTANEOUSLY.

310. TO BE EQUIPPED IN ALL MULTI MODULE RSM APPLICATIONS AND ALL NEW PRODUCTS.

311. MULTI MODULE RSM APPLICATIONS REQUIRE 5E2.2 GENERIC, OR LATER, EQUIPPED ON CARRIER CODE TN874B. SEE NOTE 312 FOR ADDITIONAL MICROCODE CARRIER CODE INFORMATION.

INFORMATION NOTES(CONT):

312. THE FOLLOWING TABLE SHOWS OPTION INFORMATION FOR EQUIPMENT LOCATIONS 04-058 AND 04-126.

OPTION	MICROCODE	CARRIER CODE
T	MC5D049A1	TN874
S	MC5D033A1	TN874
Q	MC5D052A1	TN874
P	MC5D053A1	TN874
F	MC5D033A1B	TN874B
E	MC5D049A1B	TN874B
D	MC5D052A1B	TN874B
B	MC5D053A1B	TN874B
ZA	MC5D080A1B	TN874B
ZB	MC5X246A1	TN874
ZD	MC5X246A1B	TN874B
ZE	MC5D080A1	TN874
ZN	MC5X248A1	TN874
ZP	MC5X248A1B	TN874B
ZQ	MC5X260A1B	TN874B
ZR	MC5X261A1B	TN874B
ZS	MC5D113A1	TN874
ZT	MC5D113A1B	TN874B
YD	MC5X265A1B	TN874B
YJ	MC5D169A1B	TN874B
XC		TN1417
XE		TN1417
XN	MC5D176A1B	TN874B

313. MUST BE APPLIED IN MULTI MODULE RSM APPLICATIONS WHEN APPLYING OPTION ZF. OPTION A MUST NOT BE APPLIED. OPTION ZF SUPERSEDES OPTION A.

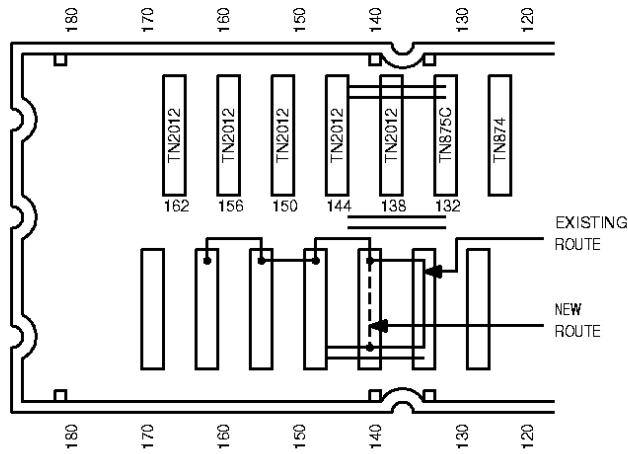
314. THE FOLLOWING CONDITIONS SHALL DEFINE THE APPLICATIONS OF THE SPEED-UP FEATURE:

1. SPEED-UP IS REQUIRED IN ALL SM'S PROVIDING OSPS IN GENERIC ISSUES 5E3 OR LATER.
2. SPEED-UP IS OPTIONAL IN ALL NON-OSPS SM-S USING GENERIC ISSUE 5E2(2) OR LATER. NEED TO BE DETERMINED BY A LINE ENGINEERING.
3. SPEED-UP IS REQUIRED IN ALL INTERNATIONAL OFFICES USING GENERIC ISSUE 5EE1(2) 2 OR LATER
4. THE SPEED-UP FEATURE REQUIRES THE USE OF TWO TN874B MICROCODED CIRCUIT PACKS. SEE LIST STRUCTURE TO DETERMINE CORRECT "B" SUFFIX MICROCODE FOR SPECIFIC GENERIC ISSUE.

315. THESE BACKPLANE WIRES MUST BE REMOVED WHEN THE EXTENDED MEMORY ADDRESS FEATURE IS APPLIED.

INFORMATION NOTES(CONT):

315.



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SWITCHING MODULE PROCESSOR
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DWG SIZE
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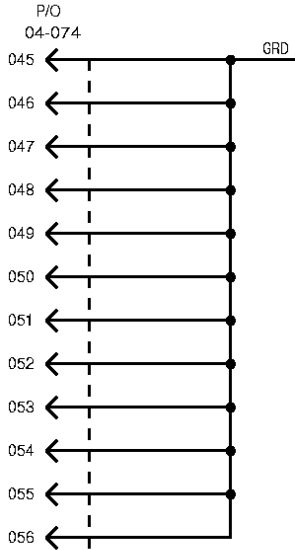
0 1 2 3 4 5 6 7 8 9

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

CAD 007

SUBUNIT 0 BUS

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
	J			04-074	TF				
NC				045	GRD				
NC				046	GRD				
NC				047	GRD				
NC				048	GRD				
NC				049	GRD				
NC				050	GRD				
NC				051	GRD				
NC				052	GRD				
NC				053	GRD				
NC				054	GRD				
NC				055	GRD				
NC				056	GRD				

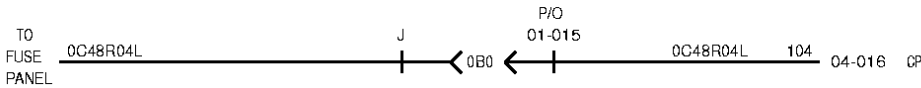


2. THE FOLLOWING SHOWS THE SYMBOLIC EQUIVALENT OF THE TABULAR PRESENTATION.

CAD 012

LEVEL 04 CONTROLLER 0 POWER

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
	J			01-015	LUG				
TO FUSE PANEL	0C48R04L			0B0	0C48R04L	04-016	CP	104	



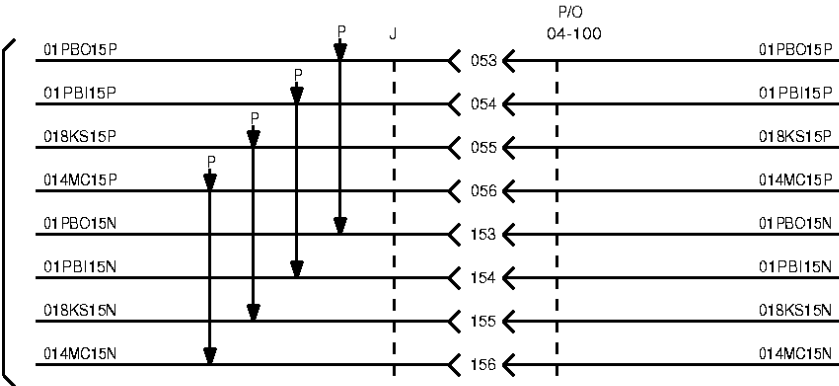
3. THE FOLLOWING SHOWS THE SYMBOLIC EQUIVALENT OF THE TABULAR PRESENTATION.

CAD 017

FAST PUMP PIDB INTERFACE

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
	J			04-100	JACK/CP				
TO TIME SLOT INTERCHANGER UNIT, MODEL 2	01PBO15P		P000	053	01PBO15P				
	01PBI15P		P001	054	01PBI15P				
	018KS15P		P002	055	018KS15P				
	014MC15P		P003	056	014MC15P				
	01PBO15N		P000	153	01PBO15N				
	01PBI15N		P001	154	01PBI15N				
	018KS15N		P002	155	018KS15N				
	014MC15N		P003	156	014MC15N				

TO TIME SLOT
INTERCHANGER
UNIT, MODEL 2



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SWITCHING MODULE PROCESSOR
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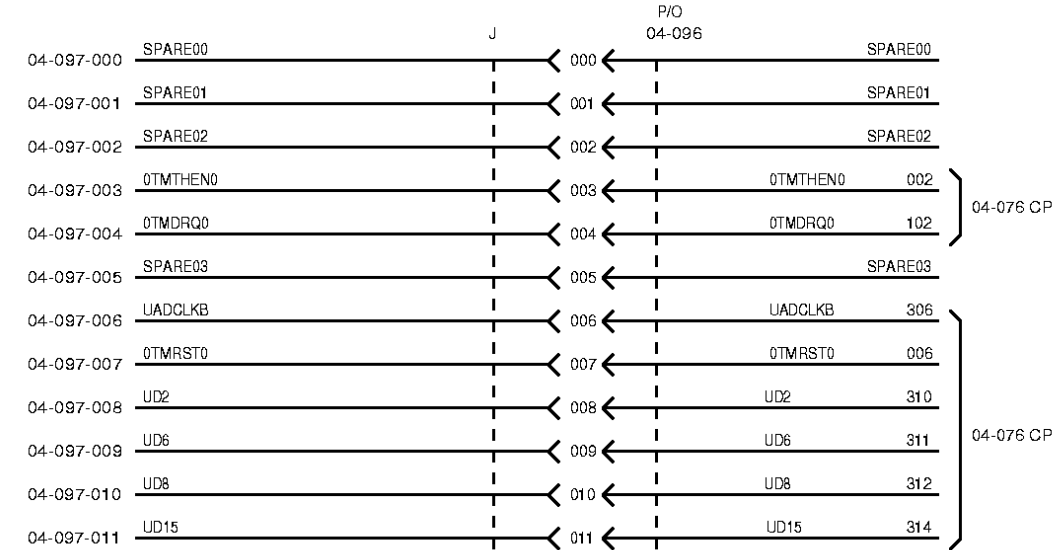
SHEET
GB1

NOTES (CONT'D)
4. THE FOLLOWING SHOWS THE SYMBOLIC EQUIVALENT OF THE TABULAR PRESENTATION.

CAD 018

UPDATE BUS MANUAL CONNECTIONS

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
	J			04-096	TF				
04-097-000	SPARE00			000	SPARE00				
04-097-001	SPARE01			001	SPARE01				
04-097-002	SPARE02			002	SPARE02				
04-097-003	0TMTHEN0			003	0TMTHEN0	04-076 CP	002		
04-097-004	0TMDRQ0			004	0TMDRQ0	04-076 CP	102		
04-097-005	SPARE03			005	SPARE03				
04-097-006	UADCLKB			006	UADCLKB	04-076 CP	306		
04-097-007	0TMRST0			007	0TMRST0	04-076 CP	006		
04-097-008	UD2			008	UD2	04-076 CP	310		
04-097-009	UD6			009	UD6	04-076 CP	311		
04-097-010	UD8			010	UD8	04-076 CP	312		
04-097-011	UD15			011	UD15	04-076 CP	314		

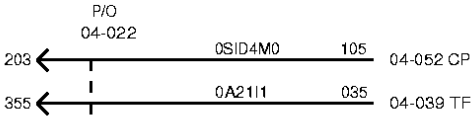


5. THE FOLLOWING SHOWS THE SYMBOLIC EQUIVALENT OF THE TABULAR PRESENTATION.

CAD 021

SPARE CONNECTIONS

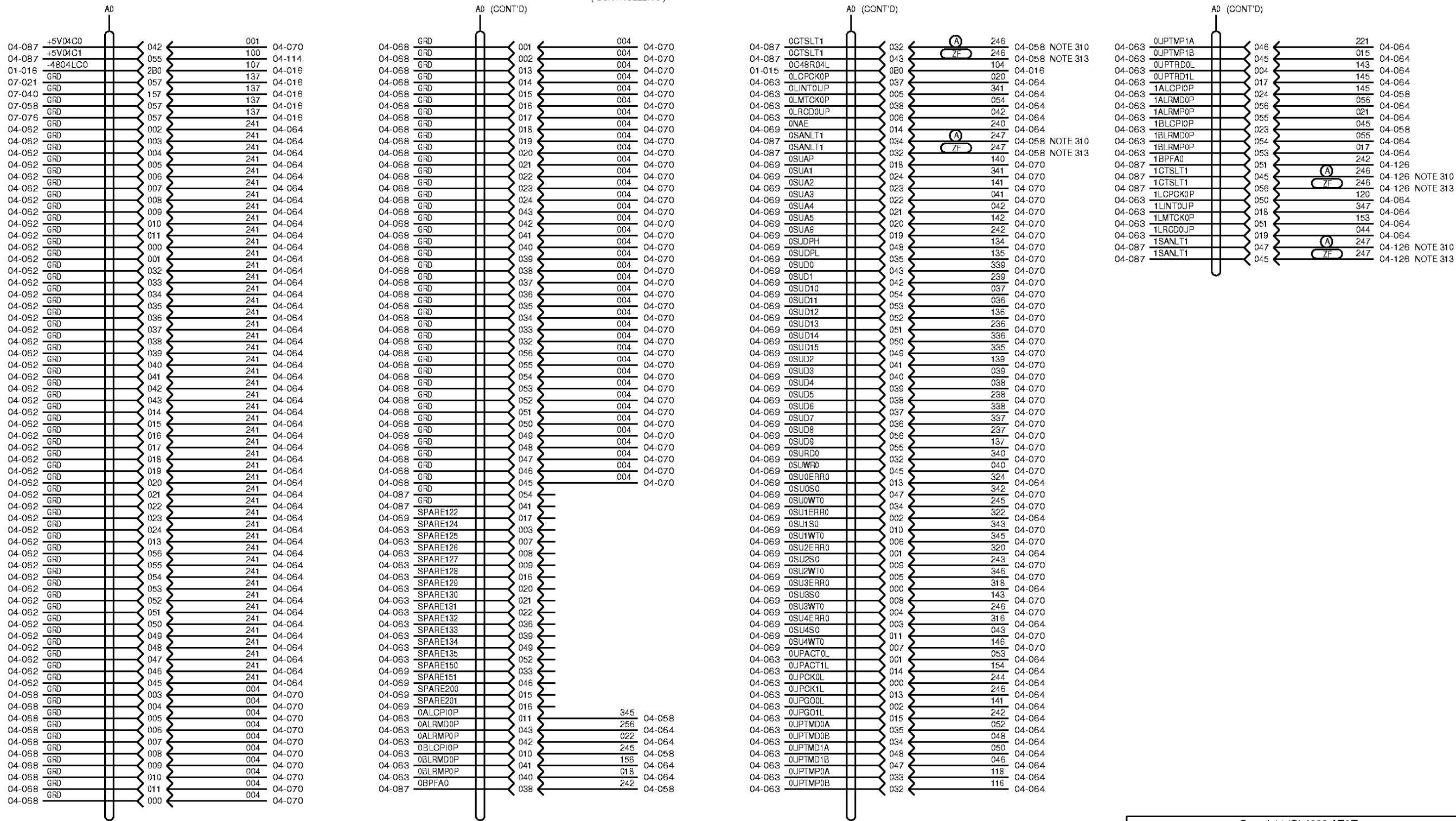
TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
	J			04-022	CP				
	NC			203	0SID4M0	04-052 CP	105		
	NC			355	0A2111	04-039 TF	035		



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CAD 1

UNIT SYMBOL
(CONTROLLER 0)



CAD 1

UNIT SYMBOL
(CONTROLLER 1)

01-172	-4804LC1	080	106	04-178
07-108	GRD	057	137	04-016
07-120	GRD	257	137	04-016
07-144	GRD	157	137	04-016
07-162	GRD	157	137	04-016
04-118	GRD	056	119	04-114
04-118	GRD	055	119	04-114
04-118	GRD	054	119	04-114
04-118	GRD	053	119	04-114
04-118	GRD	052	119	04-114
04-118	GRD	051	119	04-114
04-118	GRD	050	119	04-114
04-118	GRD	049	119	04-114
04-118	GRD	048	119	04-114
04-118	GRD	047	119	04-114
04-118	GRD	046	119	04-114
04-118	GRD	045	119	04-114
04-118	GRD	013	119	04-114
04-118	GRD	014	119	04-114
04-118	GRD	015	119	04-114
04-118	GRD	016	119	04-114
04-118	GRD	017	119	04-114
04-118	GRD	018	119	04-114
04-118	GRD	019	119	04-114
04-118	GRD	020	119	04-114
04-118	GRD	021	119	04-114
04-118	GRD	022	119	04-114
04-118	GRD	023	119	04-114
04-118	GRD	024	119	04-114
04-118	GRD	043	119	04-114
04-118	GRD	042	119	04-114
04-118	GRD	041	119	04-114
04-118	GRD	040	119	04-114
04-118	GRD	039	119	04-114
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04-118	GRD	037	119	04-114
04-118	GRD	036	119	04-114
04-118	GRD	035	119	04-114
04-118	GRD	034	119	04-114
04-118	GRD	032	119	04-114
04-118	GRD	002	119	04-114
04-118	GRD	003	119	04-114
04-118	GRD	004	119	04-114
04-118	GRD	005	119	04-114
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04-118	GRD	008	119	04-114
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04-124	GRD	011	356	04-120
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04-124	GRD	004	356	04-120
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04-124	GRD	002	356	04-120
04-124	GRD	001	356	04-120
04-124	GRD	000	356	04-120

04-124	GRD	056	356	04-120
04-124	GRD	055	356	04-120
04-124	GRD	054	356	04-120
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04-124	GRD	052	356	04-120
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04-124	GRD	022	356	04-120
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04-124	GRD	024	356	04-120
04-119	SPARE123	017		
04-125	SPARE136	003		
04-125	SPARE137	007		
04-125	SPARE138	008		
04-125	SPARE139	009		
04-125	SPARE140	016		
04-125	SPARE141	020		
04-125	SPARE142	021		
04-125	SPARE143	022		
04-125	SPARE144	036		
04-125	SPARE145	039		
04-125	SPARE146	049		
04-125	SPARE147	052		
04-125	SPARE152	033		
04-119	SPARE153	046		
04-119	SPARE261	015		
04-119	SPARE262	016		
04-125	0ALCP1P	011	345	04-126
04-125	0ALRMD1P	043	256	04-120
04-125	0ALRMP1P	042	022	04-120
04-125	0BLCP1P	010	245	04-126
04-125	0BLRMD1P	041	156	04-120
04-125	0BLRMP1P	040	018	04-120
04-125	0LCPCK1P	037	020	04-120
04-125	0LINT1UP	005	341	04-120
04-125	0LMTCK1P	038	054	04-120
04-125	0LRCD1UP	006	042	04-120
04-125	1ALCP1P	024	145	04-126

04-125	1ALRMD1P	056	056	04-120
04-125	1ALRMP1P	055	021	04-120
04-125	1BLCP1P	023	045	04-126
04-125	1BLRMD1P	054	055	04-120
04-125	1BLRMP1P	053	017	04-120
04-125	1C48R04L	080	104	04-120
01-175	1LCPCK1P	050	120	04-178
04-125	1LINT1UP	018	347	04-120
04-125	1LMTCK1P	018	153	04-120
04-125	1LRCD1UP	051	044	04-120
04-119	1NAE	014	240	04-120
04-119	1SUAP	018	140	04-114
04-119	1SUA1	024	341	04-114
04-119	1SUA2	023	141	04-114
04-119	1SUA3	022	041	04-114
04-119	1SUA4	021	042	04-114
04-119	1SUA5	020	142	04-114
04-119	1SUA6	019	242	04-114
04-119	1SUDPH	048	134	04-114
04-119	1SUDPL	035	135	04-114
04-119	1SUD0	043	339	04-114
04-119	1SUD1	042	239	04-114
04-119	1SUD10	054	037	04-114
04-119	1SUD11	053	036	04-114
04-119	1SUD12	052	136	04-114
04-119	1SUD13	051	236	04-114
04-119	1SUD14	050	336	04-114
04-119	1SUD15	049	335	04-114
04-119	1SUD2	041	139	04-114
04-119	1SUD3	040	039	04-114
04-119	1SUD4	039	038	04-114
04-119	1SUD5	037	238	04-114
04-119	1SUD6	036	338	04-114
04-119	1SUD7	056	237	04-114
04-119	1SUD8	055	137	04-114
04-119	1SUD9	054	340	04-114
04-119	1SURD0	032	040	04-114
04-119	1SUWR0	045	324	04-120
04-119	1SU0ERR0	013	342	04-114
04-119	1SU0S0	047	245	04-114
04-119	1SU0W0	034	322	04-120
04-119	1SU1ERR0	002	343	04-114
04-119	1SU1S0	010	345	04-114
04-119	1SU1W0	006	320	04-120
04-119	1SU2ERR0	001	243	04-114
04-119	1SU2S0	009	346	04-114
04-119	1SU2W0	005	318	04-120
04-119	1SU3ERR0	000	143	04-114
04-119	1SU3S0	008	246	04-114
04-119	1SU3W0	004	316	04-120
04-119	1SU4ERR0	003	043	04-114
04-119	1SU4S0	011	146	04-120
04-119	1SU4W0	007	053	04-120
04-125	1UPACT0L	001	154	04-120
04-125	1UPACT1L	014	244	04-120
04-125	1UPCK0L	000	246	04-120
04-125	1UPCK1L	013	141	04-120
04-125	1UPG00L	002	242	04-120
04-125	1UPG01L	015	052	04-120
04-125	1UPTMD0A	035	048	04-120
04-125	1UPTMD0B	034	050	04-120
04-125	1UPTMD1A	048	046	04-120
04-125	1UPTMD1B	047	118	04-120
04-125	1UPTMP0A	033		

04-125	1UPTMP0B	032	116	04-120
04-125	1UPTMP1A	046	221	04-120
04-125	1UPTMP1B	045	015	04-120
04-125	1UPTRD0L	004	143	04-120
04-125	1UPTRD1L	017	145	04-120

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SWITCHING MODULE PROCESSOR UNIT, MODEL 2		DWG SIZE C2
		ISSUE 20B
AT&T	SD-5D129-01	SHEET GB4

CAD 1

UNIT SYMBOL
(MEMORY EXPANSION 0)

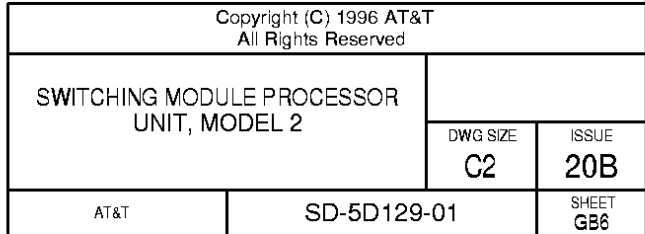
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01-058	GRD	0B0	137
01-040	GRD	1B0	137
01-022	GRD	0B0	137
04-038	GRD	000	135
04-038	GRD	001	135
04-038	GRD	002	135
04-038	GRD	003	135
04-038	GRD	004	135
04-038	GRD	005	135
04-038	GRD	006	135
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04-038	GRD	011	135
04-038	GRD	032	135
04-038	GRD	033	135
04-038	GRD	034	135
04-038	GRD	035	135
04-038	GRD	036	135
04-038	GRD	037	135
04-038	GRD	038	135
04-038	GRD	039	135
04-038	GRD	040	135
04-038	GRD	041	135
04-038	GRD	042	135
04-038	GRD	043	135
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04-038	GRD	018	135
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04-038	GRD	021	135
04-038	GRD	022	135
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04-044	GRD	009	135
04-044	GRD	010	135
04-044	GRD	011	135
04-044	GRD	013	135

	B0 (CONT'D)		
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04-044	GRD	034	135
04-044	GRD	035	135
04-044	GRD	036	135
04-044	GRD	037	135
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04-044	GRD	055	135
04-044	GRD	056	135
04-045	SPARE55	006	135
04-039	SPARE56	021	
04-039	SPARE57	022	
04-039	SPARE58	023	
04-039	SPARE59	024	
04-039	SPARE60	032	
04-039	SPARE61	033	
04-039	SPARE61	034	
04-045	0ADPC00	009	114
04-045	0ADPR00	010	215
04-045	0A021B0	003	008
04-045	0A021B1	049	207
04-045	0A0210	036	113
04-045	0A0211	013	013
04-045	0A0311	038	312
04-045	0A0411	045	212
04-045	0A0511	047	208
04-045	0A0611	046	108
04-045	0A0711	048	311
04-045	0A0811	014	211
04-045	0A0911	015	111
04-045	0A1011	017	011
04-045	0A1111	034	310
04-045	0A1211	035	110
04-045	0A1311	037	010
04-045	0A1411	040	309
04-045	0A1511	041	209
04-045	0A1611	043	109
04-045	0A1711	013	009
04-045	0A1711	008	

	B0 (CONT'D)		
04-045	0A1811	007	308
04-045	0A1911	042	224
04-045	0A192010	016	124
04-045	0A2011	011	024
04-045	0A2111	035	
04-039	0A2211	049	224
04-045	0CS1	011	011
04-016	0CS2	110	110
04-016	0CS3	109	109
04-016	0DA0	109	313
04-039	0DI00	019	014
04-039	0DI10	017	314
04-039	0DI20	020	039
04-039	0DI30	037	042
04-039	0DX0	039	015
04-039	0DY0	018	040
04-039	0DZ0	036	043
04-039	0D00B1	038	344
04-039	0D01B1	040	347
04-039	0D02B1	045	
04-039	0D03B1	049	350
04-039	0D03B1	053	353
04-039	0D04B1	053	301
04-039	0D05B1	000	304
04-039	0D06B1	004	307
04-039	0D07B1	008	310
04-039	0D08B1	013	345
04-039	0D09B1	042	348
04-039	0D10B1	047	351
04-039	0D11B1	051	354
04-039	0D12B1	055	302
04-039	0D13B1	001	305
04-039	0D14B1	005	308
04-039	0D15B1	009	311
04-039	0D16B1	014	045
04-039	0D17B1	046	048
04-039	0D18B1	046	051
04-039	0D19B1	050	054
04-039	0D20B1	054	002
04-039	0D21B1	002	005
04-039	0D22B1	006	008
04-039	0D23B1	010	011
04-039	0D24B1	015	046
04-039	0D25B1	043	046
04-039	0D26B1	048	049
04-039	0D26B1	052	052
04-039	0D27B1	052	055
04-039	0D28B1	056	003
04-039	0D29B1	003	006
04-039	0D30B1	007	009
04-039	0D31B1	011	012
04-039	0EXTRA4	016	103
04-045	0GOIB1	001	203
04-045	0GOIC1	021	307
04-045	0GOID1	004	220
04-045	0MESEL0	005	220
04-045	0MESEL0	033	223
04-045	0MESEL0	023	322
04-045	0MESEL0	024	122
04-045	0MESEL0	032	022
04-045	0MESEL0	050	020
04-045	0MESEL0	051	121
04-045	0MESEL0	052	319
04-045	0MESEL0	053	320
04-045	0MESEL0	054	321
04-045	0MESEL0	055	323
04-045	0MESEL0	056	021
04-045	0READ11	022	306

	B0 (CONT'D)		
04-045	0REF10	018	102
04-045	0SID4M0	000	105
04-045	0SID560	002	054
04-045	0TN281	020	007
04-045	0WB00	039	324
04-045	0WH0	019	023
04-045	1SID4M0	000	105
04-143	08MB0	003	104
04-045	1A0210	036	233

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SWITCHING MODULE PROCESSOR UNIT, MODEL 2		
DWG SIZE C2	ISSUE 20B	
AT&T	SD-5D129-01	SHEET GB5

UNIT SYMBOL
(MEMORY EXPANSION 1)

CAD 1

UNIT SYMBOL

(SIGNAL PROCESSOR 0)

(SIGNAL PROCESSOR 1)

(TERMINAL ACCESS)

(FAST PUMP PWR & PIDB INTERFACE)

04-056	GRD	015	
04-056	GRD	016	
04-056	GRD	017	
04-056	GRD	018	
04-056	GRD	019	
04-056	GRD	020	
04-056	GRD	021	
04-056	GRD	022	
04-056	GRD	023	
04-056	GRD	024	
04-056	GRD	013	
04-056	GRD	014	
04-056	GRD	045	
04-056	GRD	046	
04-056	GRD	047	
04-056	GRD	048	
04-056	GRD	049	
04-056	GRD	050	
04-056	GRD	051	
04-056	GRD	052	
04-056	GRD	053	
04-056	GRD	054	
04-056	GRD	055	
04-056	GRD	032	
04-056	GRD	033	
04-056	GRD	034	
04-056	GRD	035	
04-056	GRD	036	
04-056	GRD	037	
04-056	GRD	038	
04-056	GRD	039	
04-056	GRD	040	
04-056	GRD	041	
04-056	GRD	042	
04-056	GRD	043	
04-056	SPARE108		
04-057	SPARE110		
04-057	0CALM	014	04-016
04-057	0CALM	014	04-016
04-057	0CALMP	113	04-016
04-057	0CALMP	113	04-016
04-057	0CDGN0C	309	04-016
04-057	0CINTB	112	04-058
04-057	0CINTR	012	04-016
04-057	0COOS0D	008	04-016
04-057	0COOS04L	019	04-058
04-057	0COOS48P	052	04-016
04-057	0CRQIP0C	053	04-016
04-057	0CRQIP0D	010	04-058
04-057	0CRQIP0D	038	04-058
04-057	0CSW1C	020	04-058
04-057	0CSX0C	022	04-126
04-057	0CSX1C	110	04-058
04-057	0CSY1C	037	04-126
04-057	0CSY1C	032	04-126
04-057	0CSY1C	033	04-126
04-057	0CSZ0C	111	04-126
04-057	0CSZ1C	039	04-058
04-057	0CS1	036	04-126
04-057	0CS2	049	04-016
04-057	0CS3	050	04-016
04-057	0DDGN0C	051	04-016
04-057	0DDGN1C	042	04-058
04-057	0DSW0C	041	04-126
04-057	0DSW1C	023	04-058
04-057	0DSX0C	021	04-126
04-057	0DSX1C	017	04-058
04-057	0DSY0C	013	04-126
04-057	0DSY1C	018	04-058
04-057	0MPF0	014	04-126
04-057	1COOS0C	024	04-108
04-057	1COOS0D	034	04-126
04-057	1CRQIP0C	015	04-126
04-057	1CRQIP0D	035	04-126
04-057	1CRQIP0D	016	04-126

04-130	GRD	056	300	04-126
04-130	GRD	055	300	04-126
04-130	GRD	054	300	04-126
04-130	GRD	053	300	04-126
04-130	GRD	052	300	04-126
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04-130	GRD	050	300	04-126
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04-130	GRD	022	300	04-126
04-130	GRD	023	300	04-126
04-130	GRD	024	300	04-126
04-131	SPARE119			
04-131	SPARE121			
04-131	0COOS1C	056		
04-131	0COOS1D	037	207	04-058
04-131	0CRQIP1C	019	006	04-058
04-131	0CRQIP1D	038	206	04-058
04-131	0CRQIP1D	020	005	04-058
04-131	1CALM	046	014	04-178
04-131	1CALM	045	014	04-178
04-131	1CALMP	047	113	04-178
04-131	1CDGN1C	048	309	04-178
04-131	1CINTB	040	112	04-126
04-131	1CINTR	055	012	04-178
04-131	1COOS04L	054	015	04-178
04-131	1COOS1D	052	006	04-178
04-131	1COOS48P	015	115	04-126
04-131	1CRQIP1C	053	010	04-178
04-131	1CRQIP1D	033	005	04-126
04-131	1CSW0C	016	050	04-126
04-131	1CSX0C	022	307	04-058
04-131	1CSX1C	035	110	04-058
04-131	1CSY0C	032	306	04-126
04-131	1CSZ0C	036	305	04-058
04-131	1CSZ1C	039	111	04-058
04-131	1CS1	034	011	04-126
04-131	1CS2	049	110	04-178
04-131	1CS3	050	109	04-178
04-131	1DDGN0C	051	311	04-178
04-131	1DDGN1C	042	311	04-058
04-131	1DSW0C	041	055	04-126
04-131	1DSW1C	023	055	04-058
04-131	1DSX0C	021	106	04-126
04-131	1DSX1C	017	106	04-058
04-131	1DSY0C	013	105	04-126
04-131	1DSY1C	018	105	04-058
04-131	1MPF0	014	223	04-126
04-131		024		04-076

04-082	+12VTER	002	
04-082	+12VTER	102	
04-082	+5VTER	100	
04-082	+5VTER	101	
04-082	+5VTER	338	
04-082	+5VTER	332	
04-082	+5VTER	000	
04-082	+5VTER	001	
04-082	-12VTER	003	
04-082	-12VTER	103	
04-082	-5VTER	010	
04-082	-5VTER	011	
04-082	GRD	232	
04-082	GRD	107	
04-082	GRD	007	
04-082	GRD	004	
04-082	GRD	008	
04-082	GRD	248	
04-082	GRD	238	
04-082	SPARE166	337	
04-082	TERRCV	207	
04-082	TERTNS	203	
04-082	UNRCV	308	
04-082	UNTNS	306	
04-058	0RES1	102	04-058
04-058	0RTN	004	04-058
04-058	0SCAN1	103	04-058
04-082	0TAFOR0		
04-082	1DUPO	343	
04-082	1RES1	235	04-114
04-126	1RTN	102	04-126
04-126	1SCAN1	004	04-126
04-126	1TAFOR0	103	04-126
04-082		237	

01-100	-4804TER	180	000	04-100
01-104	P148RTER	080	101	04-100
04-100	01PB15N	154	154	04-100
04-100	01PB15P	054	054	04-100
04-100	01PBO15N	153	153	04-100
04-100	01PBO15P	053	053	04-100
04-100	014MC15N	053	156	04-100
04-100	014MC15P	056	056	04-100
04-100	018KS15N	056	155	04-100
04-100	018KS15P	155	055	04-100
04-100	11PB15N	354	354	04-100
04-100	11PB15P	254	254	04-100
04-100	11PBO15N	254	353	04-100
04-100	11PBO15P	353	253	04-100
04-100	114MC15N	253	356	04-100
04-100	114MC15P	356	256	04-100
04-100	118KS15N	256	355	04-100
04-100	118KS15P	355	255	04-100

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SWITCHING MODULE PROCESSOR
UNIT, MODEL 2

DWG SIZE
C2

ISSUE
20B

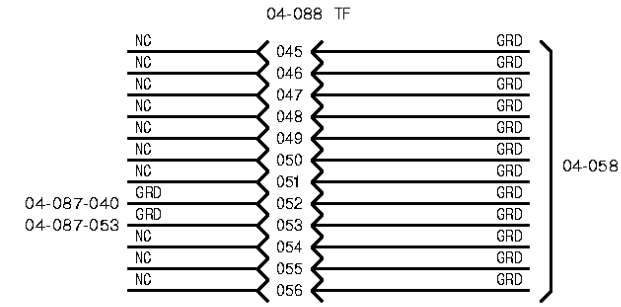
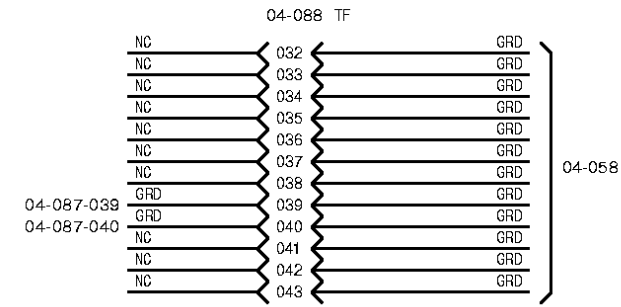
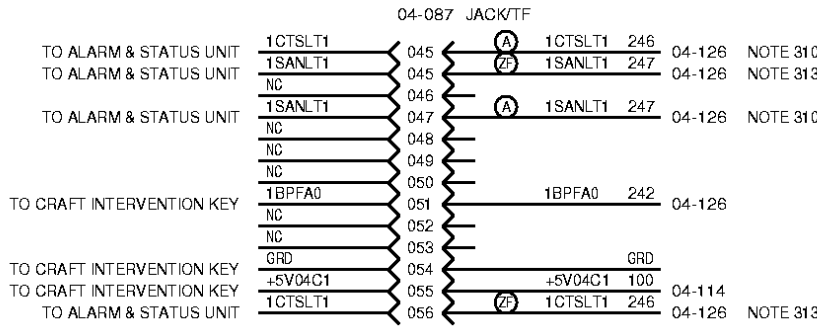
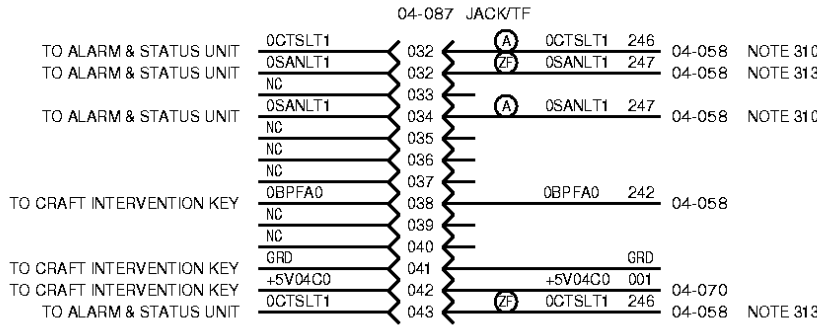
SHEET
GB7

AT&T

SD-5D129-01

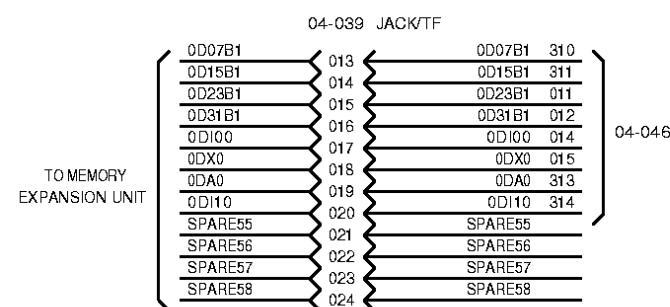
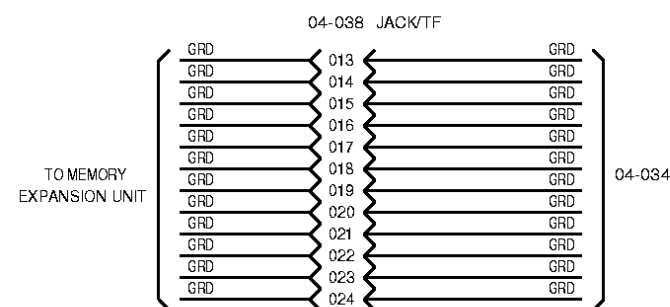
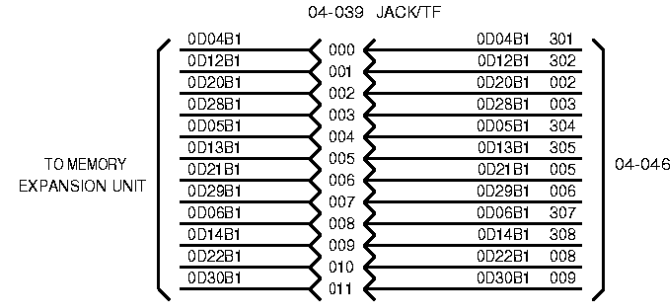
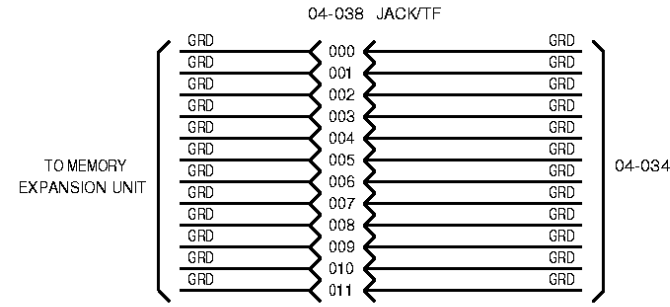
CAD 002

RSM INTERVENTION 0



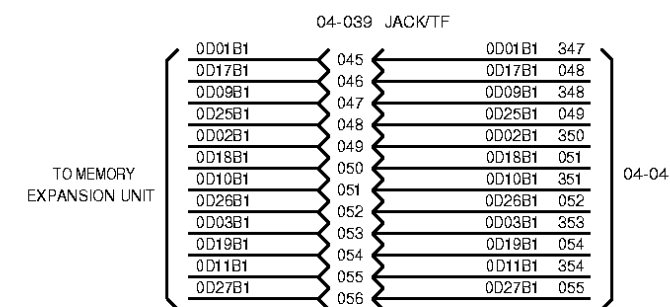
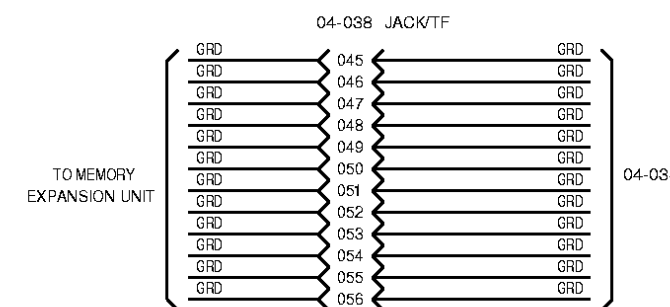
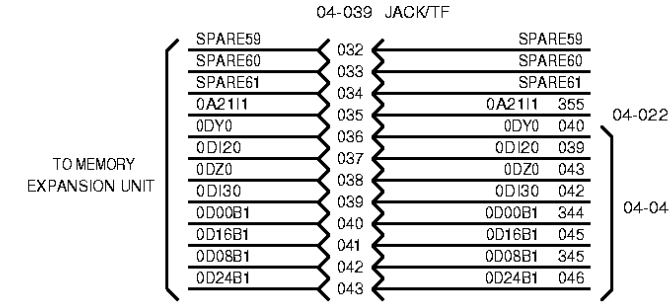
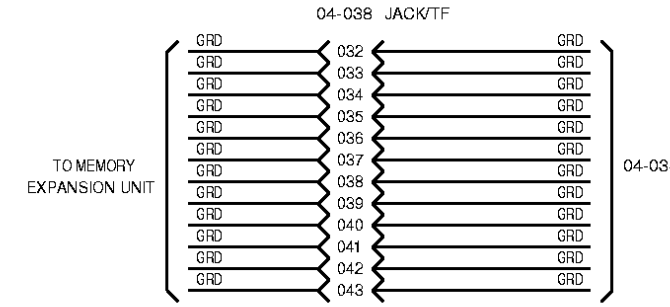
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MEMORY DATA ADDRESS AND CONTROL 0



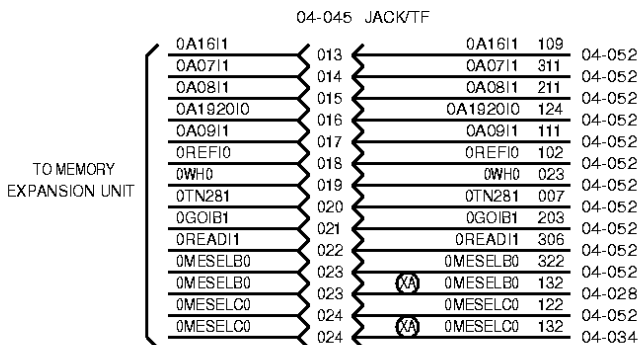
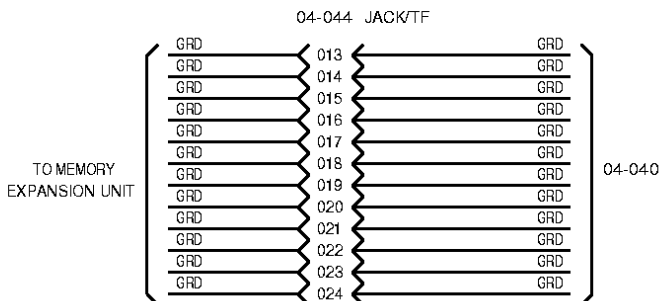
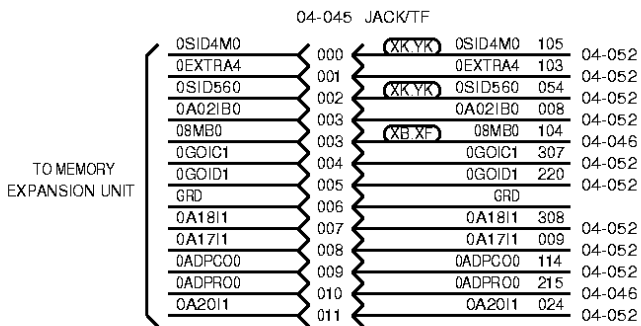
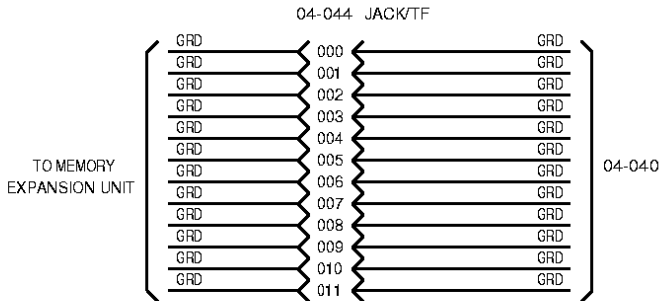
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MEMORY DATA ADDRESS AND CONTROL 0
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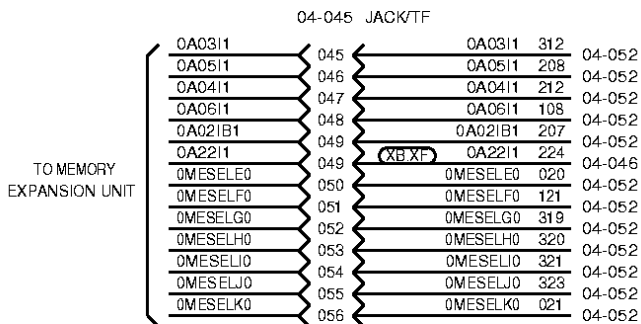
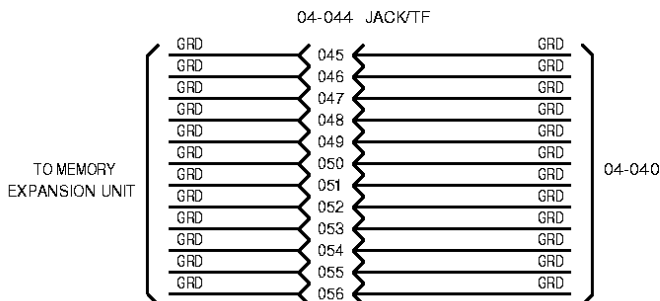
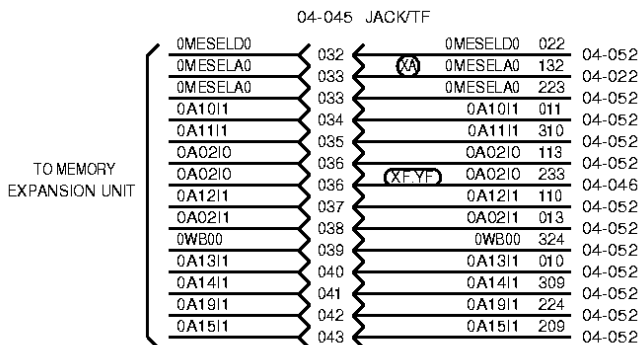
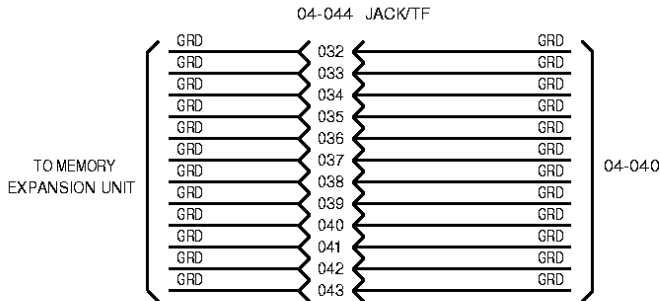
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MEMORY DATA ADDRESS AND CONTROL 0
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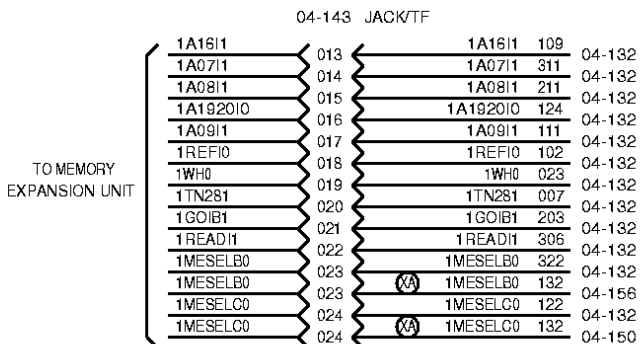
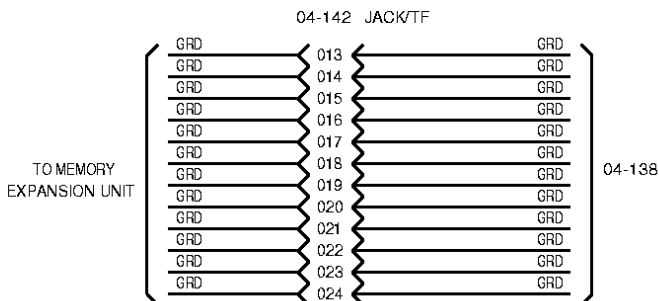
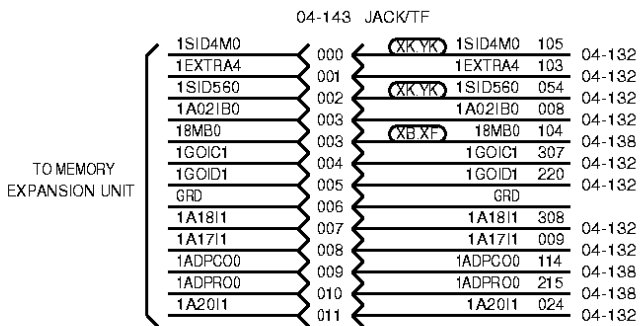
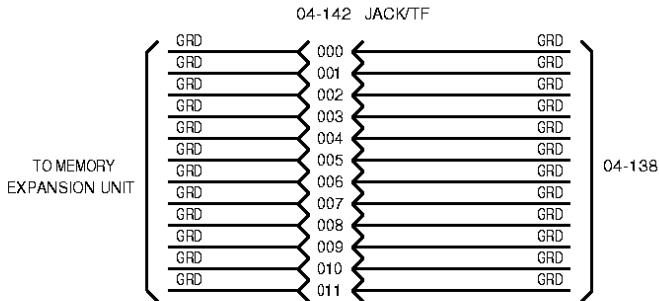
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MEMORY DATA ADDRESS AND CONTROL 0
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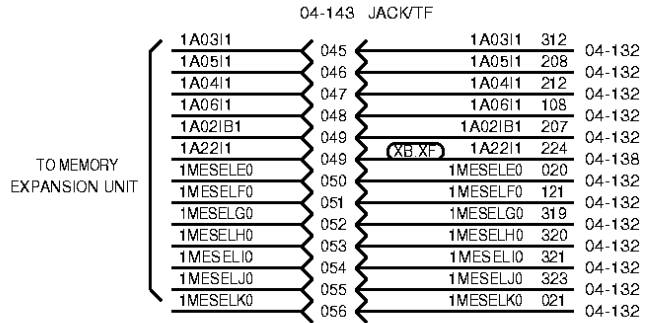
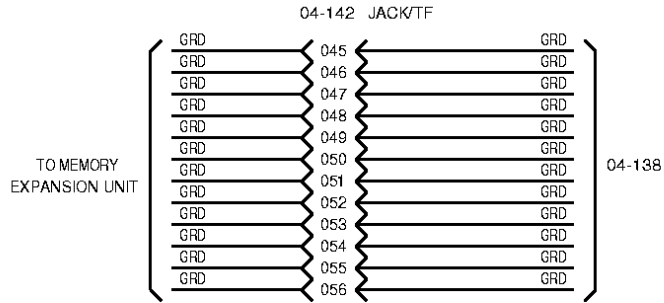
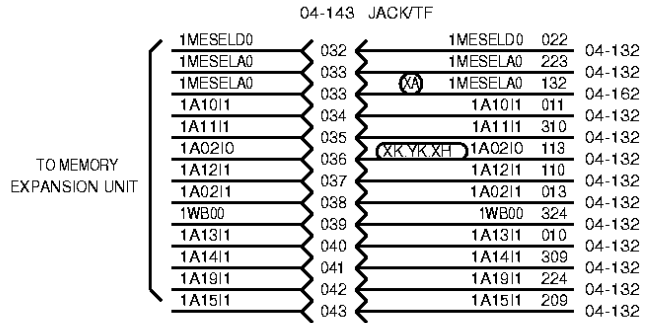
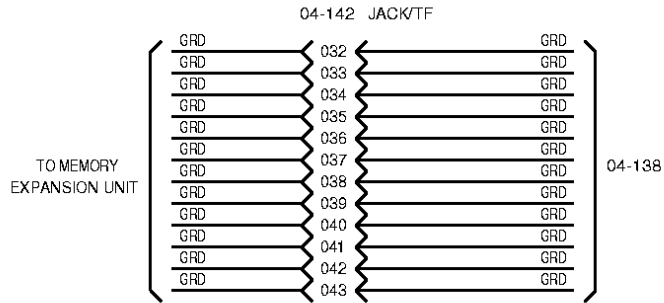
CAD 004

MEMORY DATA ADDRESS AND CONTROL 1



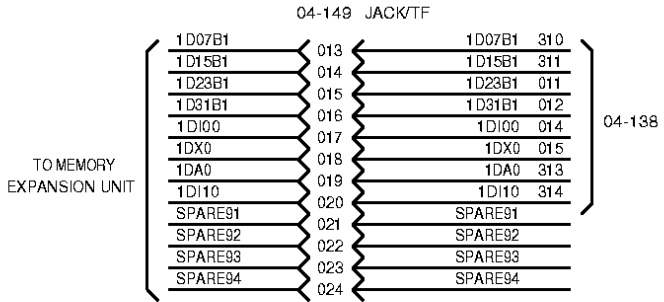
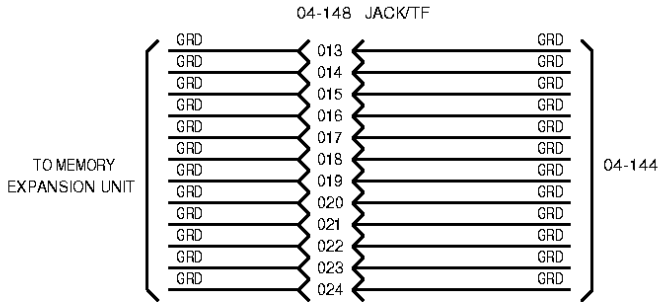
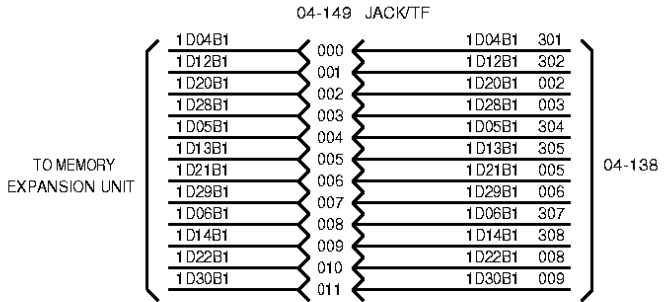
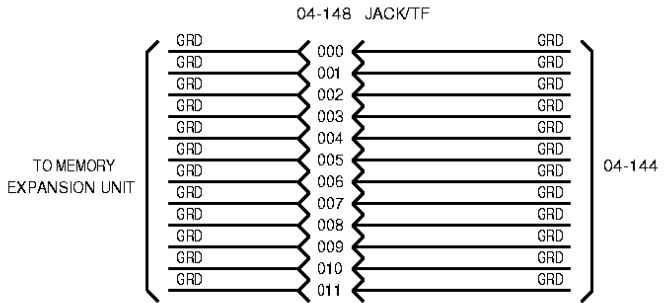
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MEMORY DATA ADDRESS AND CONTROL 1
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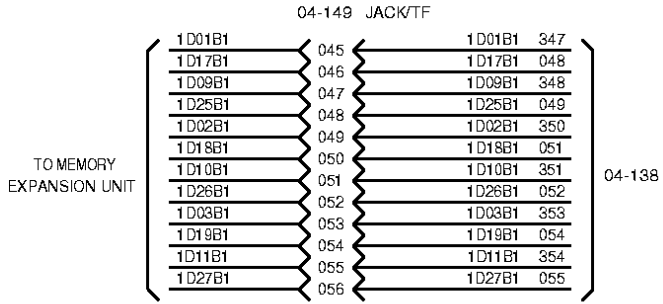
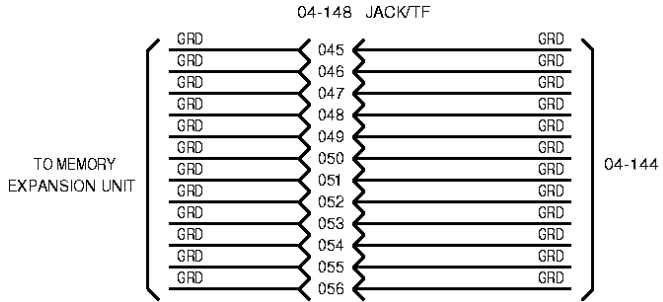
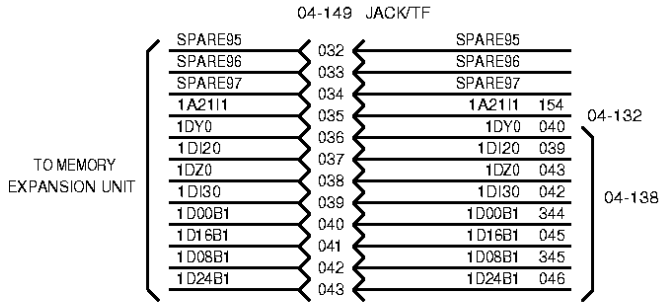
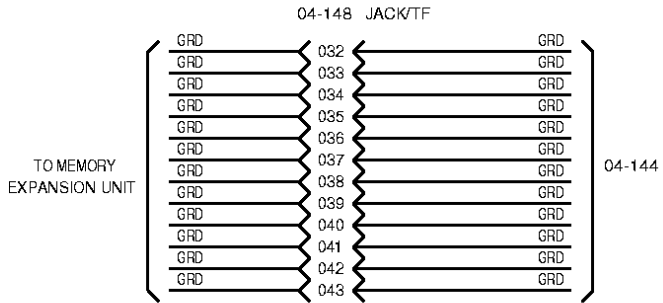
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MEMORY DATA ADDRESS AND CONTROL 1
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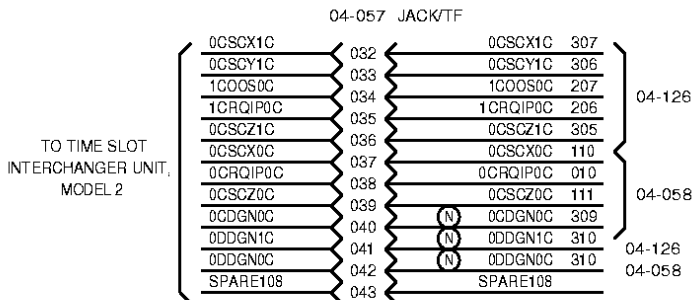
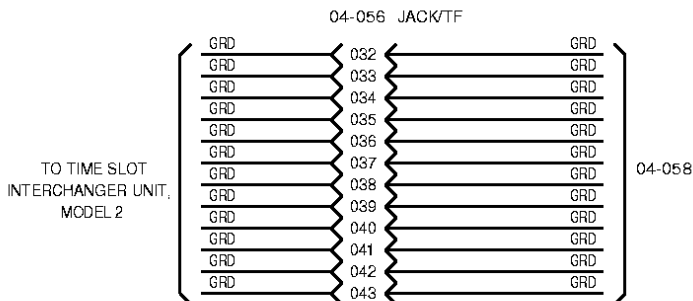
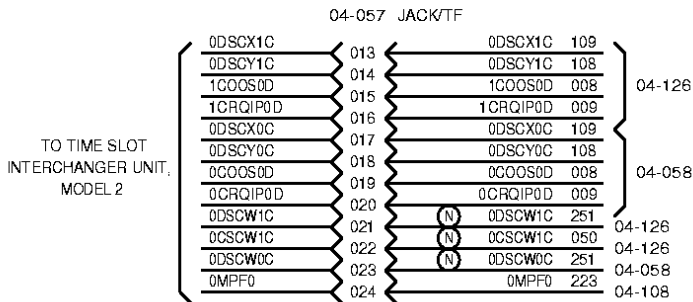
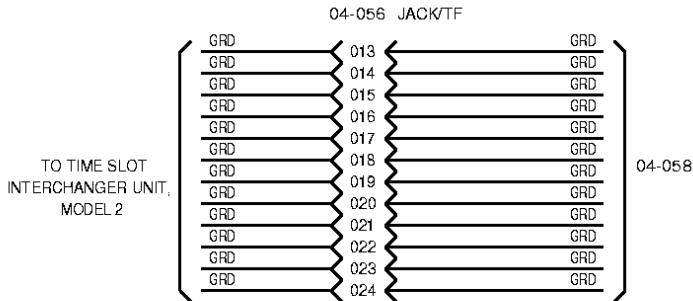
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MEMORY DATA ADDRESS AND CONTROL 1
(CONT'D)



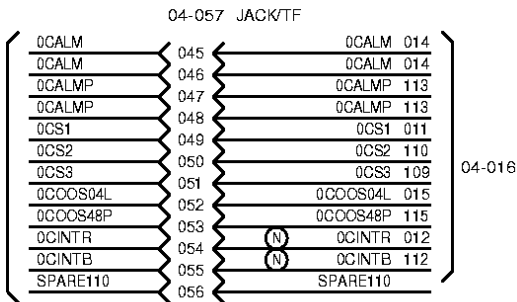
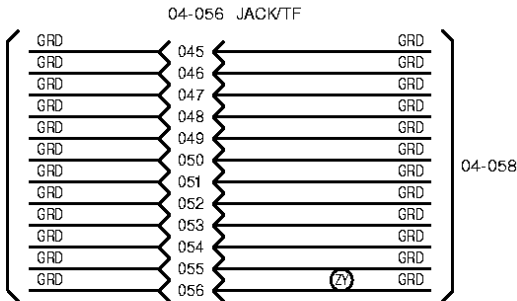
CAD 005

SP-0 TO TSI-0 AND PWR CONTROL 0



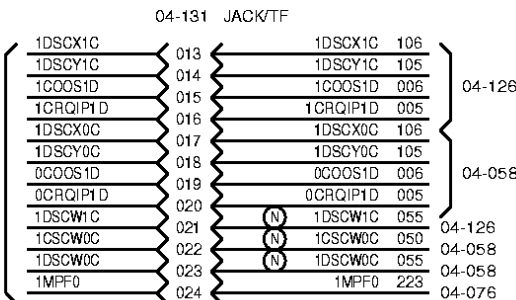
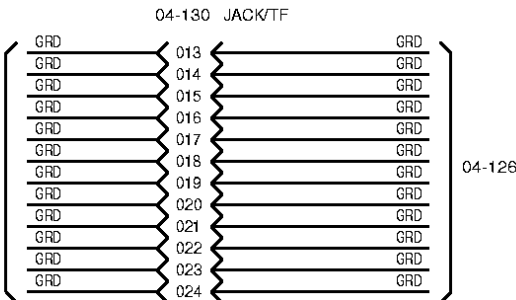
CAD 005

SP-0 TO TSI-0 AND PWR CONTROL 0
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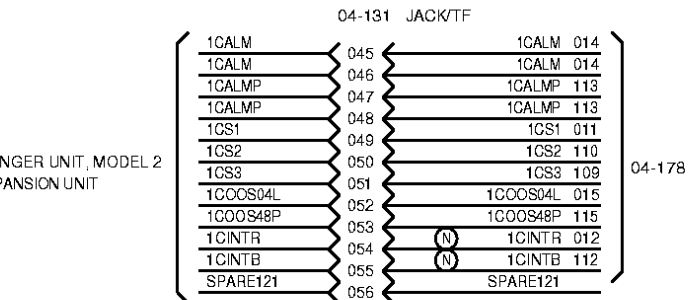
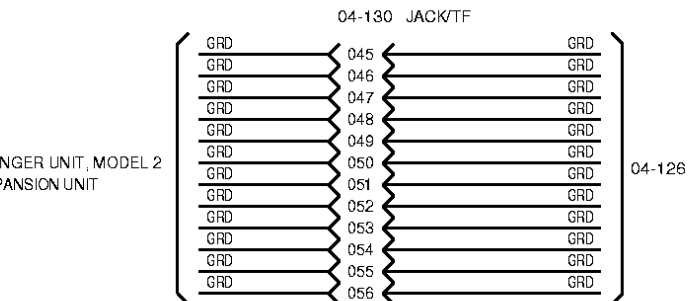
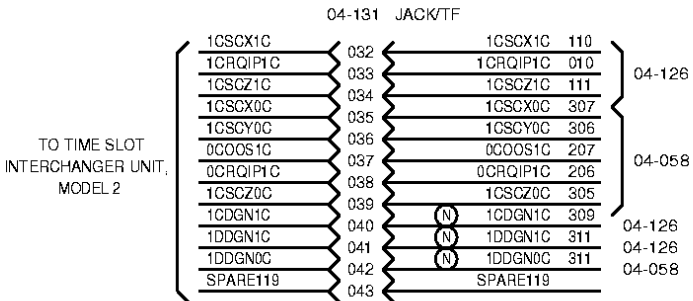
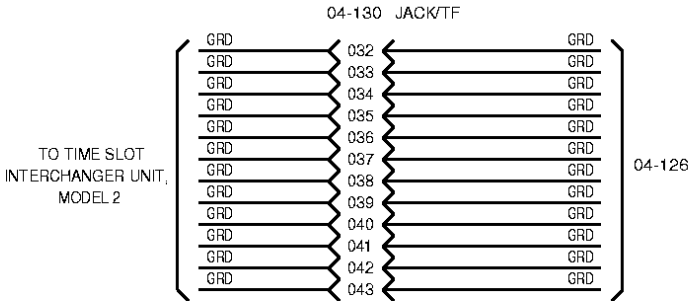
CAD 006

SP-1 TO TSI-1 AND PWR CONTROL 1



CAD 006

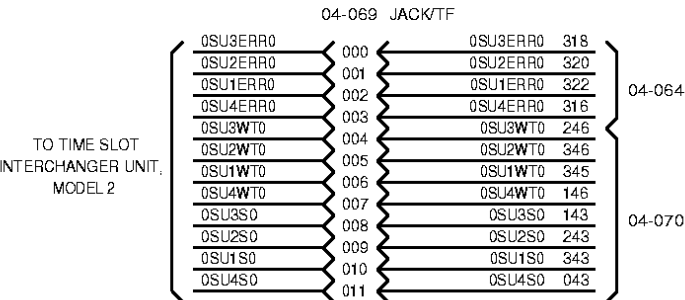
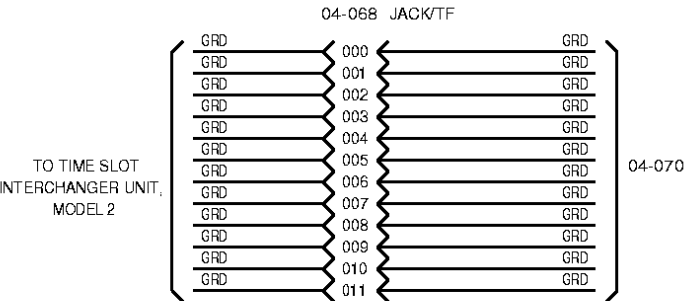
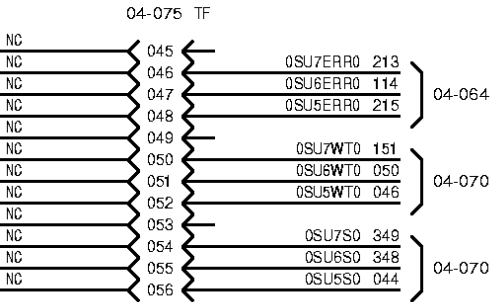
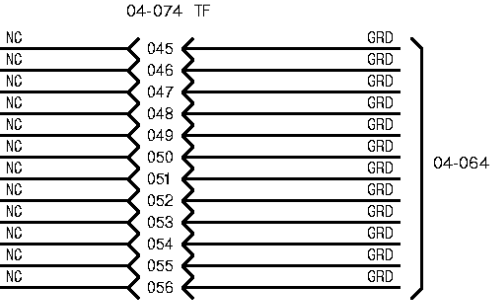
SP-1 TO TSI-1 AND PWR CONTROL 1
(CONT'D)



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SWITCHING MODULE PROCESSOR UNIT, MODEL 2	DWG SIZE	ISSUE
	C2	20B
AT&T	SD-5D129-01	
		SHEET GB11

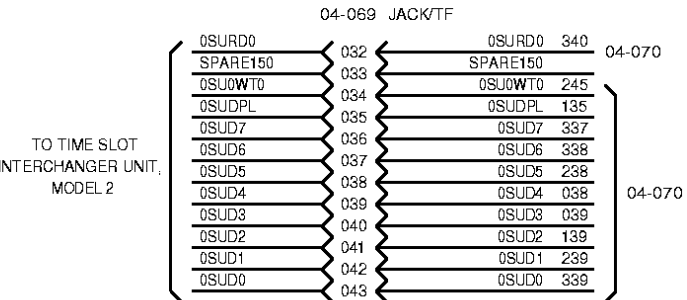
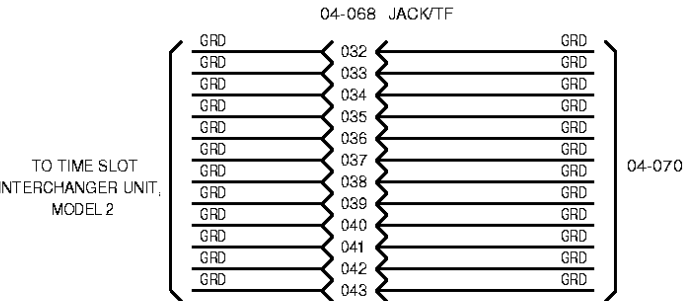
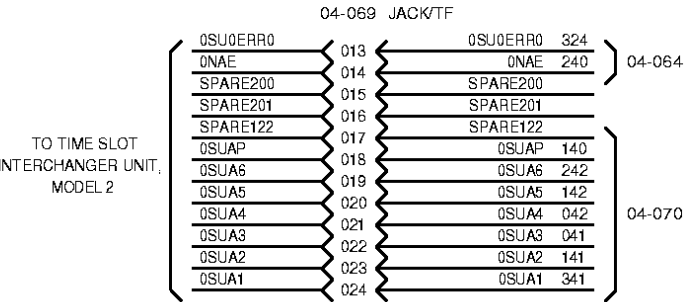
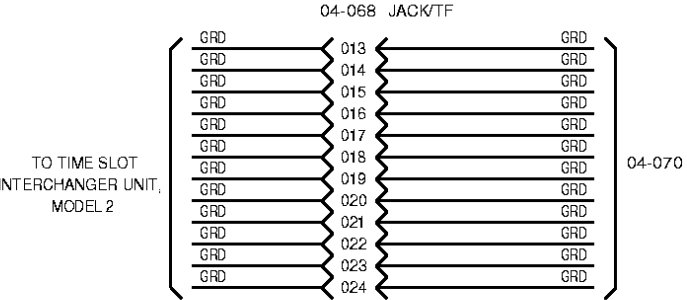
CAD 007

SUBUNIT 0 BUS



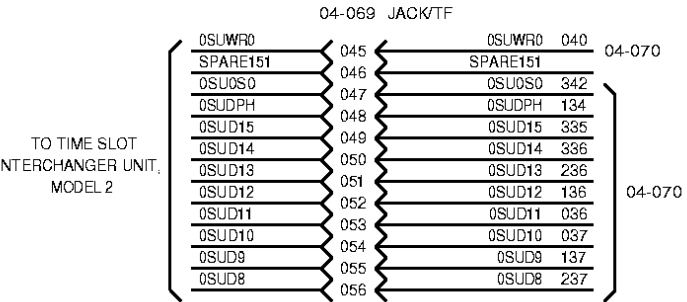
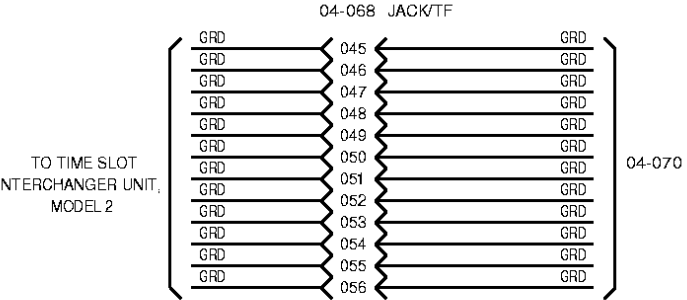
CAD 007

SUBUNIT 0 BUS
(CONT'D)



CAD 007

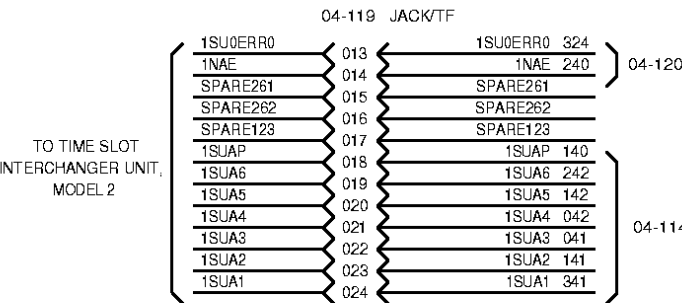
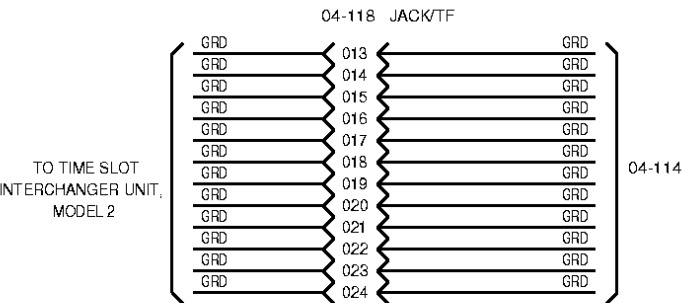
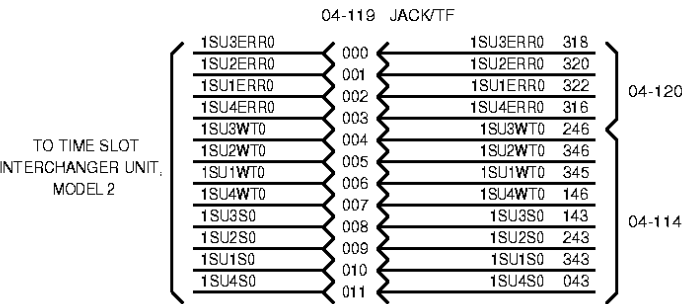
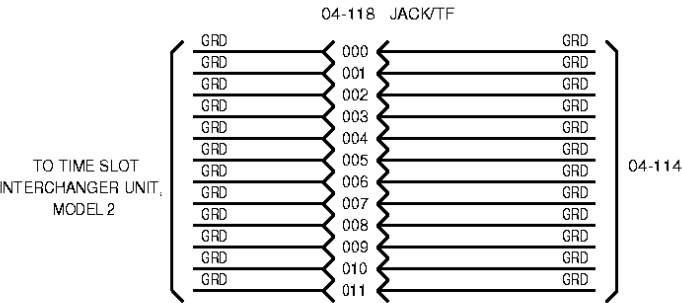
SUBUNIT 0 BUS
(CONT'D)



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SWITCHING MODULE PROCESSOR UNIT, MODEL 2	DWG SIZE	ISSUE
	C2	20B
AT&T	SD-5D129-01	SHEET GB12

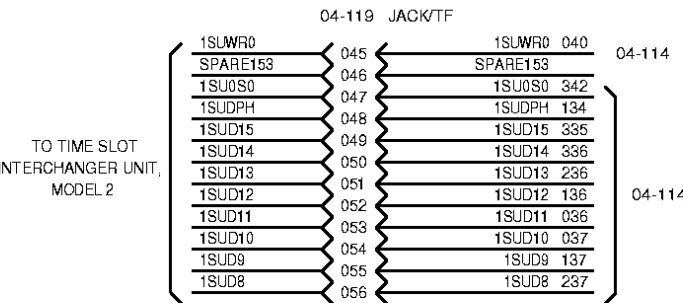
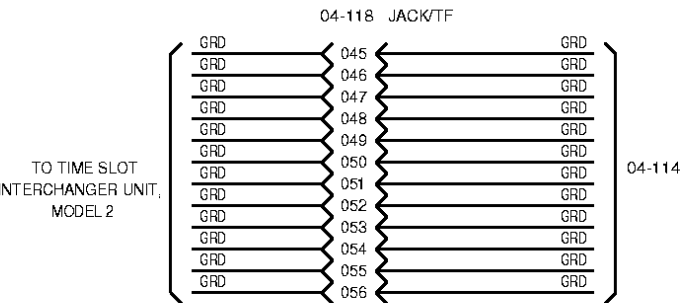
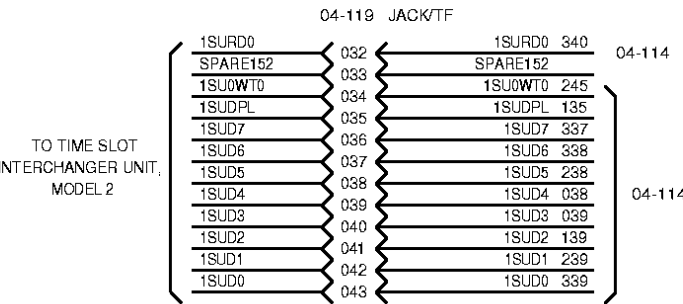
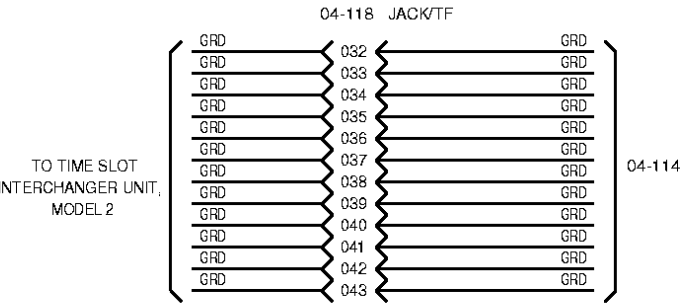
CAD 008

SUBUNIT 1 BUS



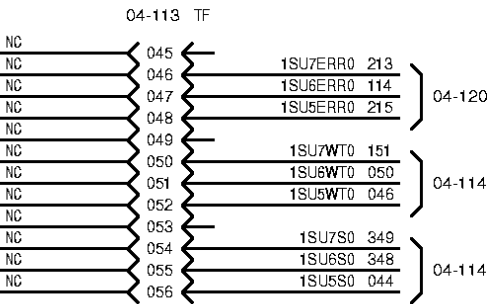
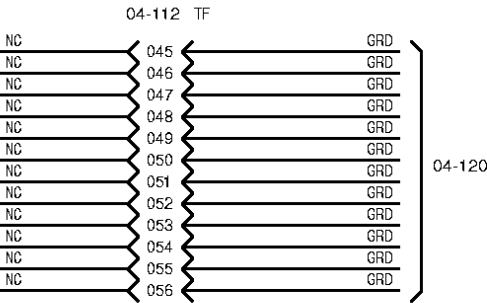
CAD 008

SUBUNIT 1 BUS
(CONT'D)



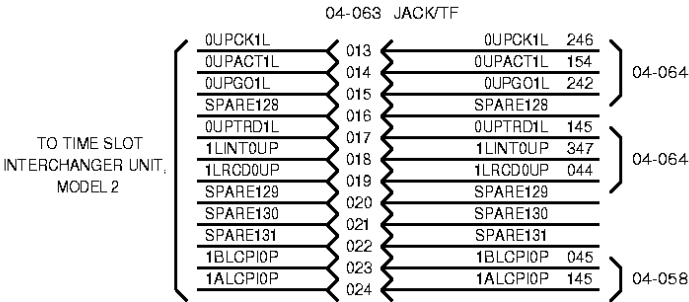
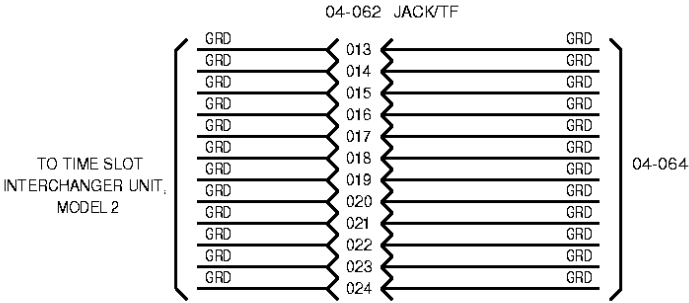
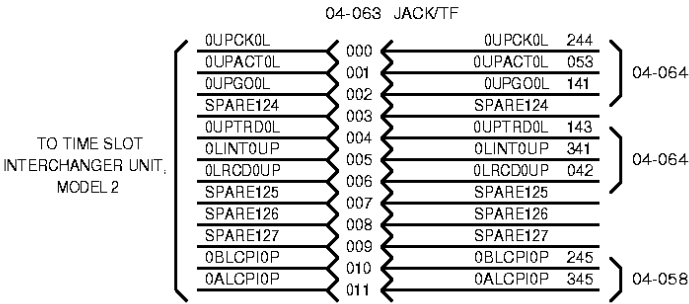
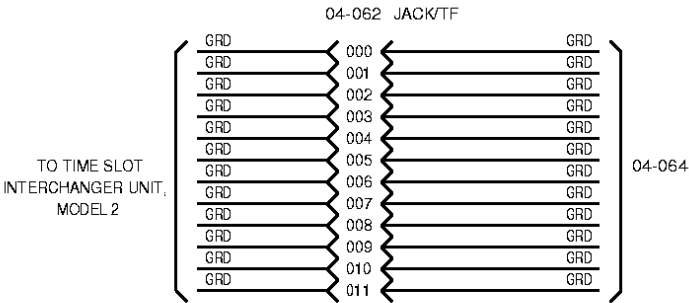
CAD 008

SUBUNIT 1 BUS
(CONT'D)



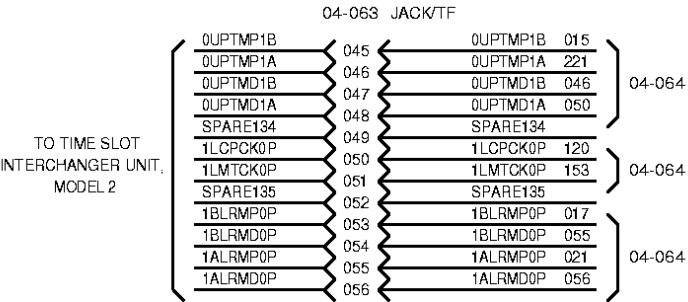
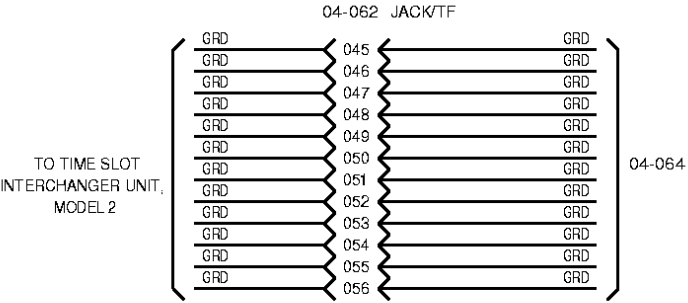
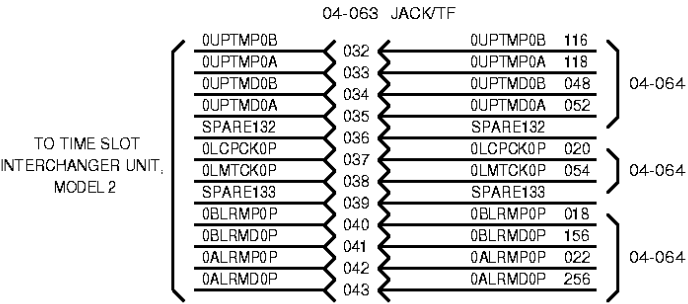
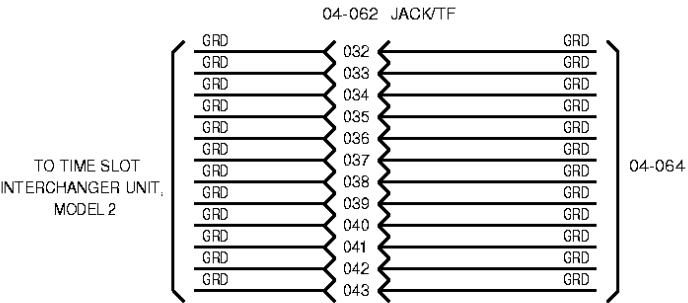
CAD 009

CONTROLLER 0 BUS TO DLI



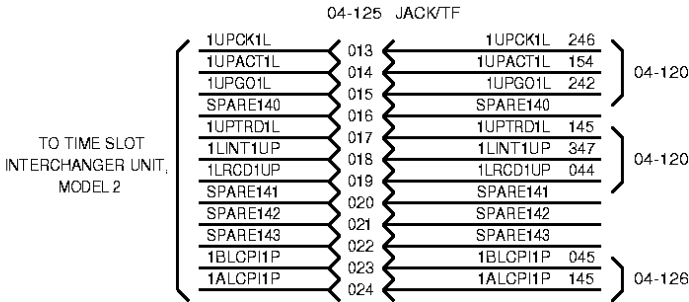
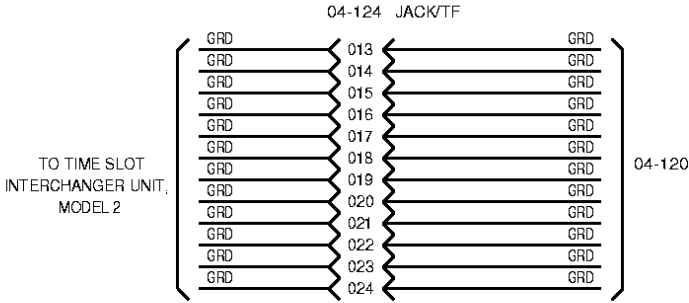
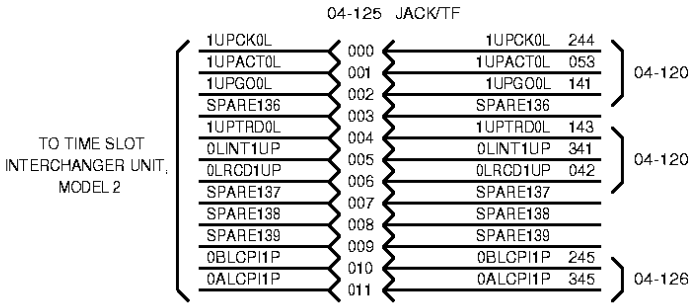
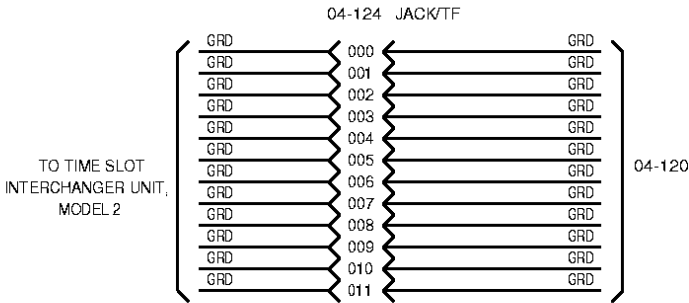
CAD 009

CONTROLLER 0 BUS TO DLI
(CONT'D)



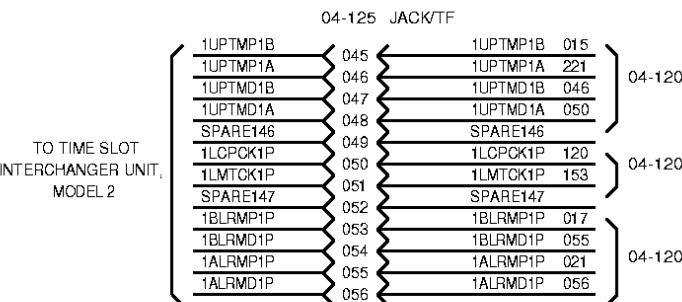
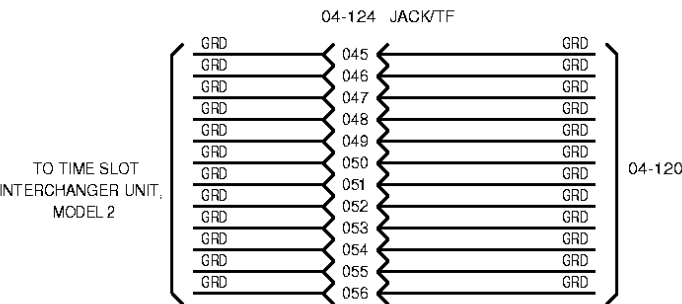
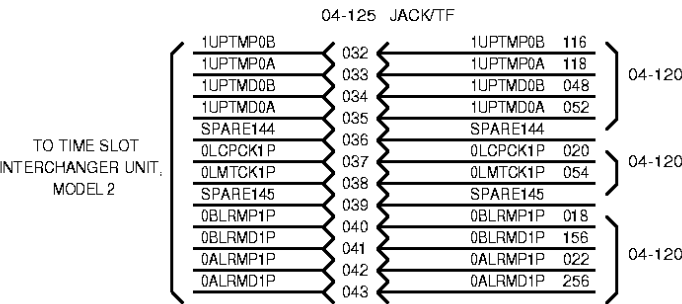
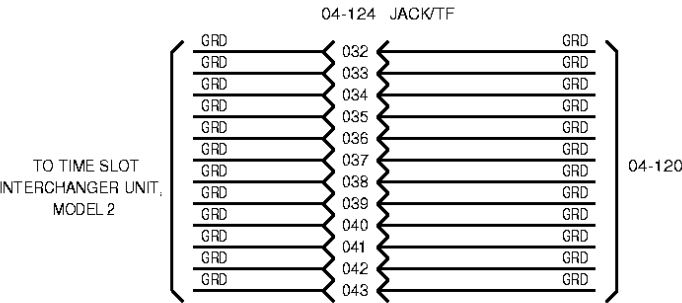
CAD 010

CONTROLLER 1 BUS TO DLI



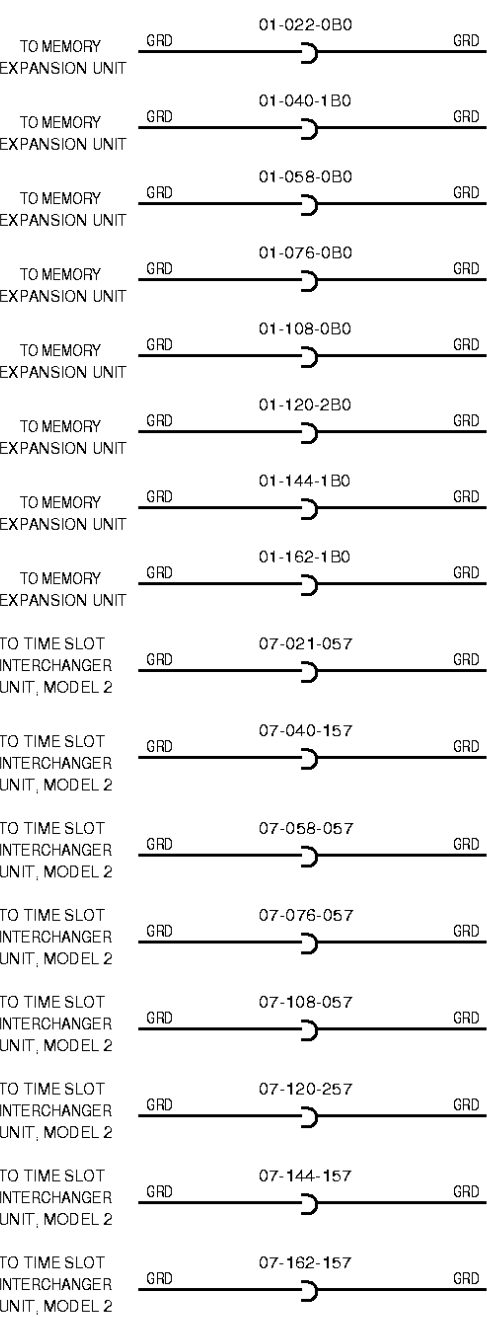
CAD 010

CONTROLLER 1 BUS TO DLI
(CONT'D)



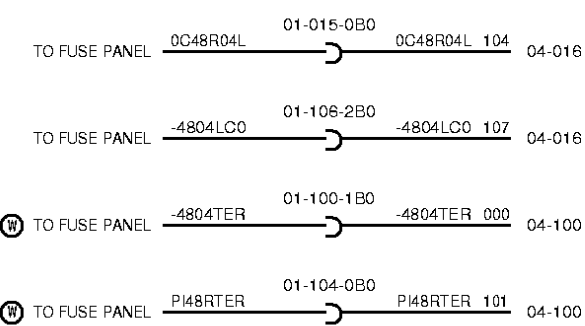
CAD 011

LEVEL 04 GROUND ACCESS
LUGS



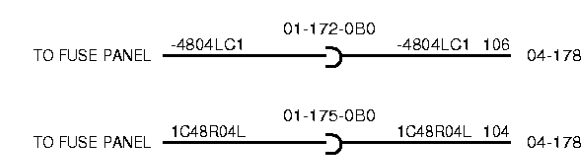
CAD 012

LEVEL 04 CONTROLLER 0 POWER
LUGS



CAD 013

LEVEL 04 CONTROLLER 1 POWER
LUGS



SWITCHING MODULE PROCESSOR
UNIT, MODEL 2

DWG SIZE
C2

ISSUE
20B

AT&T

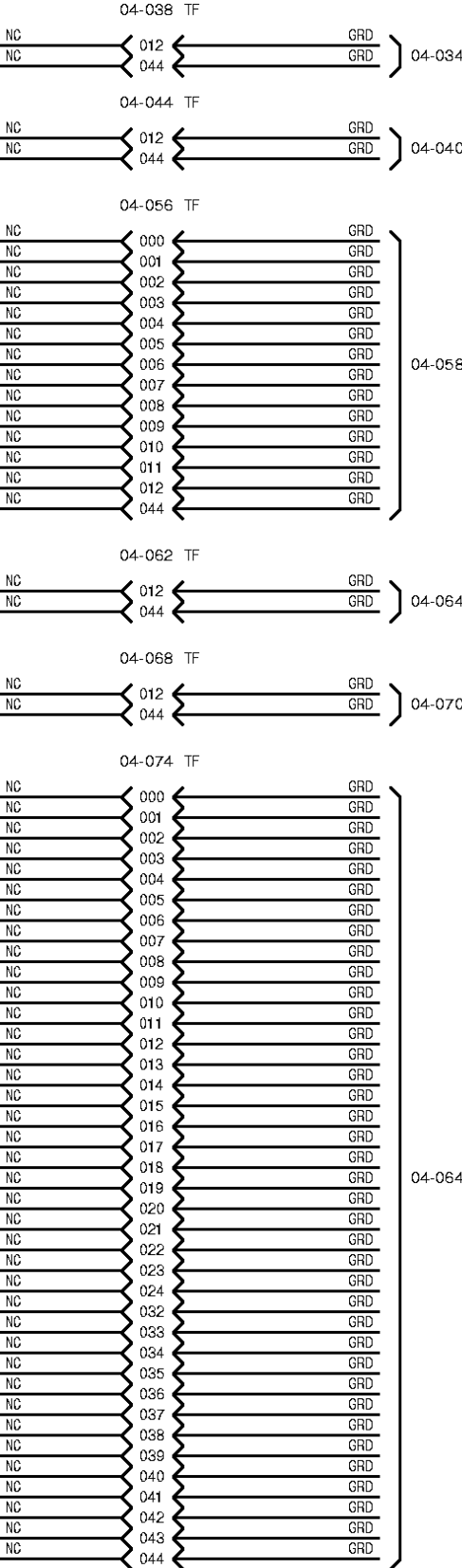
SD-5D129-01

SHEET
GB15

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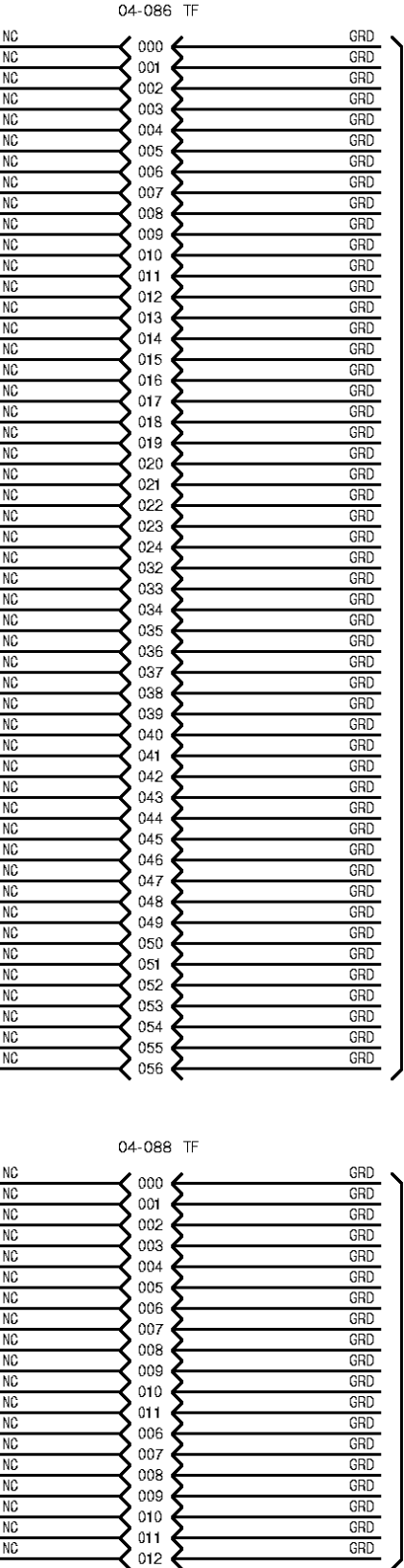
CAD 014

PRINTED WIRE GROUNDS



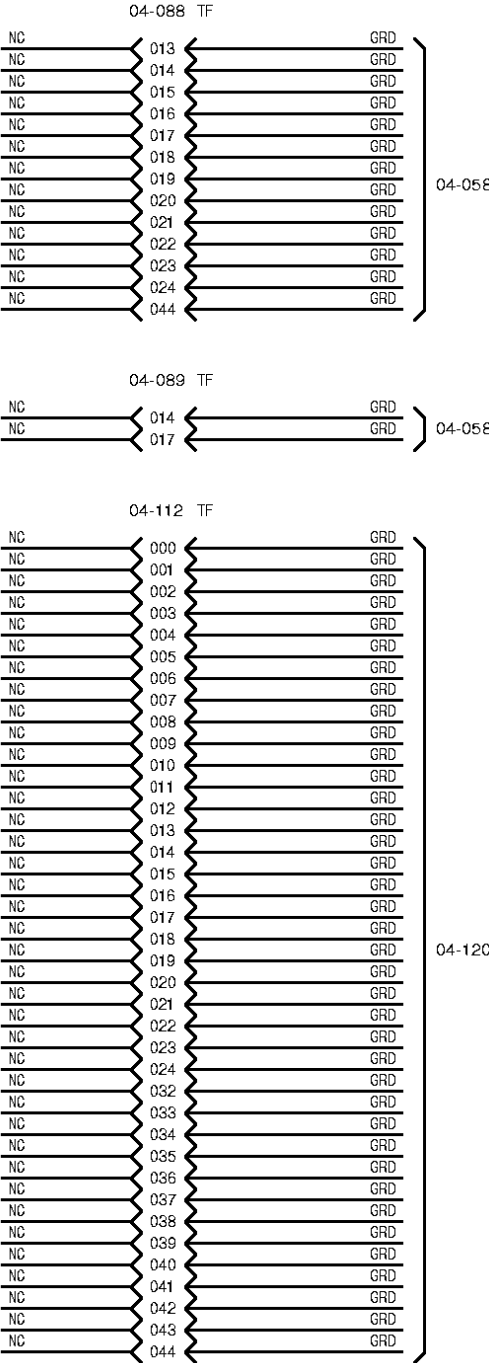
CAD 014

PRINTED WIRE GROUNDS
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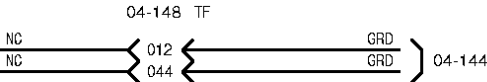
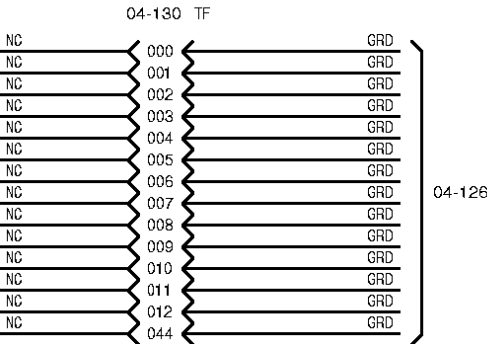
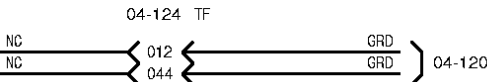
CAD 014

PRINTED WIRE GROUNDS
(CONT'D)



CAD 014

PRINTED WIRE GROUNDS
(CONT'D)



TO INTEGRATED TEST SYSTEM DISPLAY

TO INTEGRATED TEST SYSTEM DISPLAY

TO INTEGRATED TEST SYSTEM DISPLAY

TO INTEGRATED TEST SYSTEM DISPLAY

TO INTEGRATED TEST SYSTEM DISPLAY

TO INTEGRATED TEST SYSTEM DISPLAY

TO INTEGRATED TEST SYSTEM DISPLAY

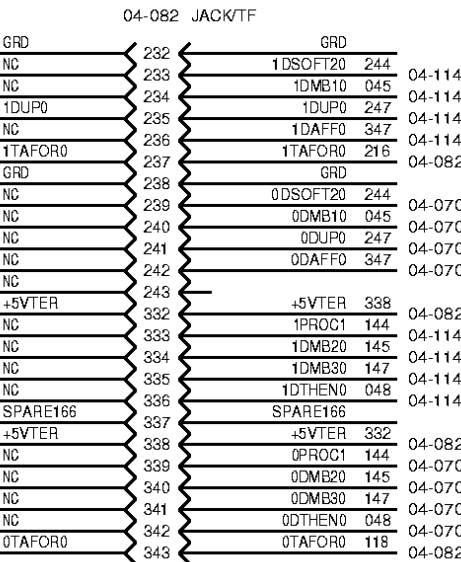
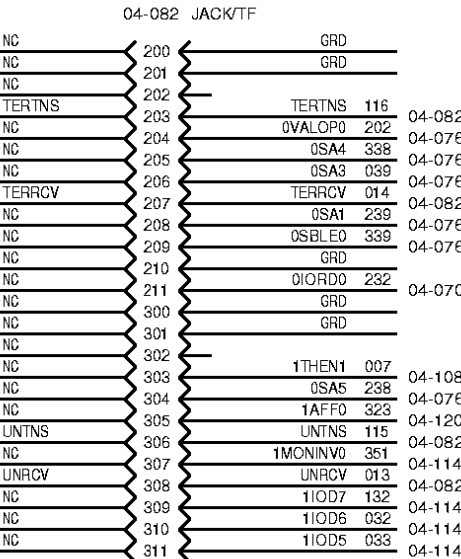
TO INTEGRATED TEST SYSTEM POWER

TO INTEGRATED TEST SYSTEM POWER

TO INTEGRATED TEST SYSTEM POWER

CAD 015

STS TEST ACCESS



TO INTEGRATED TEST SYSTEM POWER

TO INTEGRATED TEST SYSTEM POWER

TO INTEGRATED TEST SYSTEM POWER

TO INTEGRATED TEST SYSTEM POWER

TO INTEGRATED TEST SYSTEM POWER

TO INTEGRATED TEST SYSTEM POWER

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TO INTEGRATED TEST SYSTEM POWER

TO INTEGRATED TEST SYSTEM POWER

TO INTEGRATED TEST SYSTEM POWER

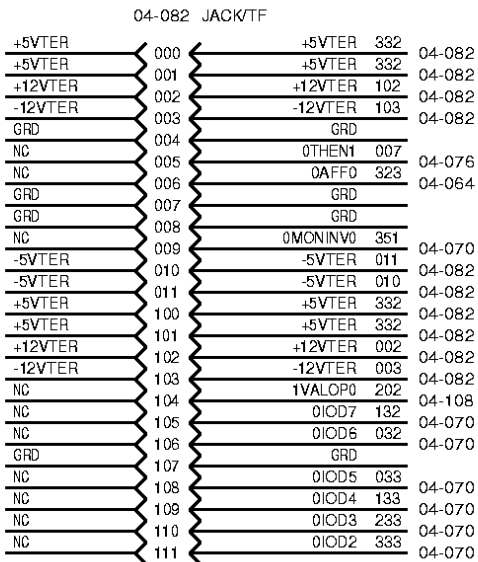
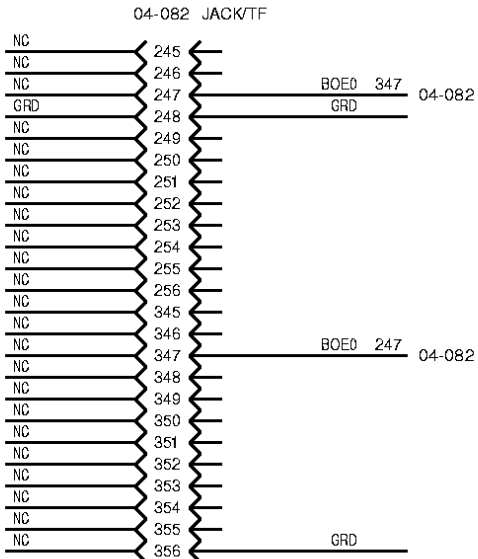
TO INTEGRATED TEST SYSTEM POWER

TO INTEGRATED TEST SYSTEM POWER

TO INTEGRATED TEST SYSTEM POWER

CAD 015

STS TEST ACCESS
(CONT'D)



CAD 015

STS TEST ACCESS
(CONT'D)

04-082 TF		
NC	013	UNRCV 308
NC	014	TERRCV 207
NC	016	GRD
NC	017	0POR0 023
NC	018	1POR0 023
NC	032	GRD
NC	033	1BPS1 203
NC	034	1BPS2 103
NC	035	GRD
NC	036	0STW0 314
NC	037	1STW0 314
NC	038	GRD
NC	039	1SANINH0 256
NC	040	0WPINH0 223
NC	041	1WPINH0 223
NC	044	0RESRAM0 209
NC	045	1RESRAM0 209
NC	049	PINOM 051
NC	050	POUTM 251
NC	051	RESETS0 034
NC	052	EXTRA2 233
NC	112	0IOD1 334
NC	113	0IOD0 234
NC	114	0IOWR0 324
NC	115	UNTNS 306
NC	116	TERTNS 203
NC	118	0TAFOR0 343
NC	119	GRD
NC	120	0AIO1 307
NC	121	0SA8 237
NC	122	0SA7 337
NC	123	0SA6 038
NC	124	0IO8SEL1 011
NC	132	GRD
NC	133	0BPS1 203
NC	134	0BPS2 103
NC	135	GRD
NC	136	0SANINH0 256
NC	138	GRD
NC	149	PINOP 151
NC	150	POUTP 351
NC	151	EXTRA1 333
NC	152	EXTRA3 133
NC	212	1IOD3 233
NC	215	0SA2 139
NC	216	1TAFOR0 237
NC	217	1SA8 237
NC	218	1AIO1 307
NC	219	1SA7 337
NC	220	1SA6 038
NC	221	1SA5 238
NC	222	GRD
NC	223	1IO8SEL1 011
NC	224	0SA9 137
NC	312	1IOD4 133
NC	313	GRD
NC	314	1IOD2 333
NC	315	1IOD1 334
NC	316	1SA9 137
NC	317	1IOD0 234
NC	318	1IOWR0 324
NC	319	1IORD0 232
NC	320	1SA4 338
NC	321	1SA3 039
NC	322	1SA2 139
NC	323	1SA1 239
NC	324	1SBLE0 339

CAD 016

MATT TEST ACCESS

04-090 TF		
NC	003	URD0 106
NC	004	GRD
NC	005	UADCLKB 306
NC	006	0TSHOLD0 254
NC	007	UA24 250
NC	008	TSLOCK 050
NC	009	TSWR0 151
NC	013	UD0 010
NC	014	UD3 011
NC	015	UD6 311
NC	016	GRD
NC	019	UD10 113
NC	020	UD12 014
NC	021	ULDPAR 115
04-098	055 UA25 XP	055 XD XP UA25 255
NC	034	RESETS0 051
NC	035	GRD
NC	036	UA21 048
NC	038	TSFC1 351
NC	041	UHAPAR 142
NC	042	UA16 043
NC	043	UA8 145
NC	044	UA12 044
NC	045	UA14 243
NC	046	UA1 147
NC	047	GRD
NC	051	PINOM 049
NC	103	0TSINH0 103
NC	104	UWAIT0 103
NC	105	0TMTHEN0 002
NC	106	0TSRELO 106
NC	107	GRD
NC	108	TSRD0 051
NC	113	UD1 110
NC	115	UD7 212
NC	119	GRD
NC	120	UD13 114
04-098	056 UA26 XP	056 XD XP UA26 021
NC	133	EXTRA3 152
NC	135	GRD
NC	136	UA22 148
NC	137	GRD
NC	138	GRD
NC	141	UEAPAR 242
NC	142	UA17 340
NC	143	UA9 045
NC	144	UA13 343
NC	146	UA2 346
NC	147	UA5 046
NC	150	GRD
NC	151	PINOP 149
NC	200	GRD
NC	201	GRD
NC	204	UWR0 206
NC	205	1TMTHEN0 002
NC	206	1TSHOLD0 254
NC	207	GRD
NC	210	GRD
NC	213	UD2 310
NC	214	UD4 111
NC	218	UD8 312
NC	219	UD11 213
NC	220	UD14 214
NC	221	UHDPAR 215
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NC	233	EXTRA2 052
NC	236	UA23 248
NC	238	TSFC2 252
NC	240	UBHE0 342

CAD 016

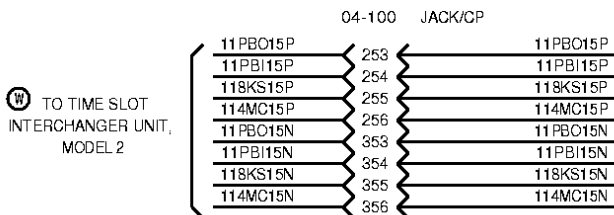
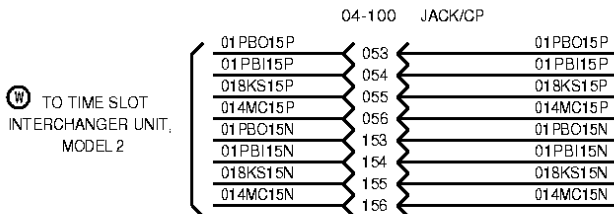
MATT TEST ACCESS
(CONT'D)

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NC	242	UA18 041
NC	243	UA10 244
NC	245	UA15 143
NC	246	UA3 246
NC	247	UA6 345
NC	251	POUTM 050
NC	253	GRD
NC	300	GRD
NC	301	GRD
NC	303	1TSINH0 303
NC	306	1TSRELO 306
NC	313	UD5 211
NC	314	GRD
NC	316	GRD
NC	318	UD9 013
NC	320	UD15 314
NC	333	EXTRA1 151
NC	335	GRD
NC	337	TSFC0 251
NC	340	ULAPAR 042
NC	341	UA20 341
NC	342	UA19 141
NC	343	UA11 144
NC	344	GRD
NC	345	UBLE0 247
NC	346	UA4 146
NC	347	UA7 245
NC	351	POUTP 150
NC	352	GRD
NC	356	GRD

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SWITCHING MODULE PROCESSOR UNIT, MODEL 2	DWG SIZE	ISSUE
	C2	21B
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		SHEET GB18

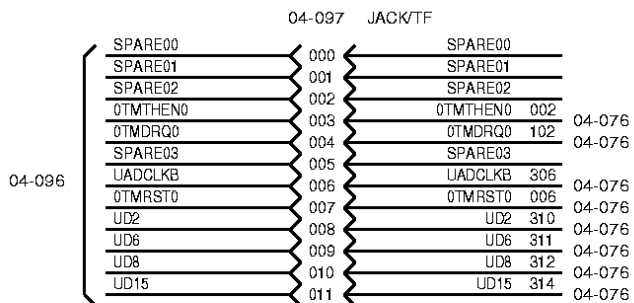
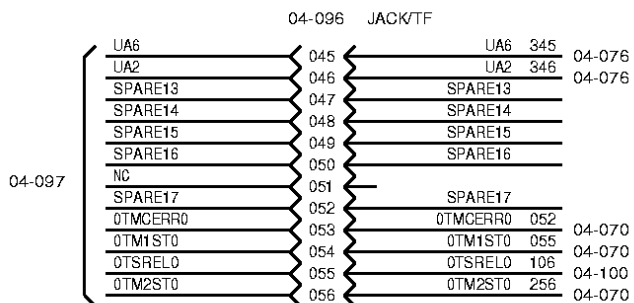
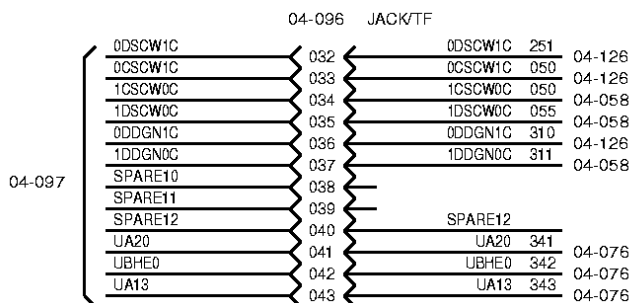
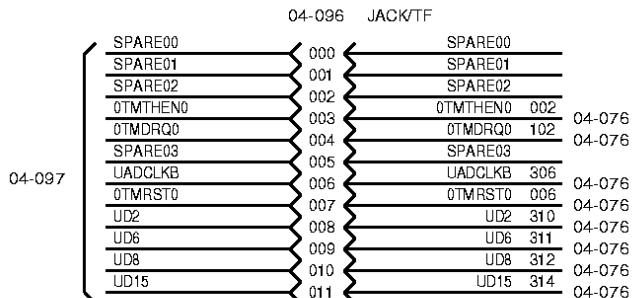
CAD 017

FAST PUMP PIDB INTERFACE



CAD 018

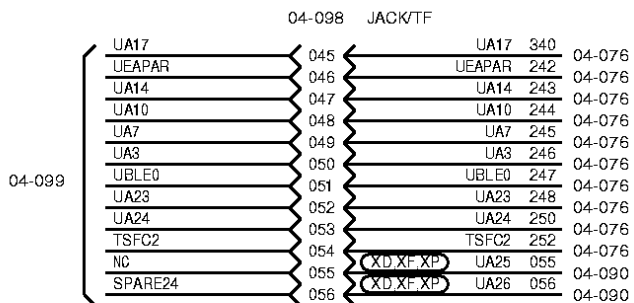
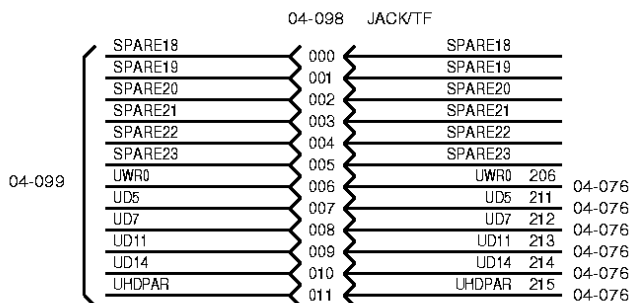
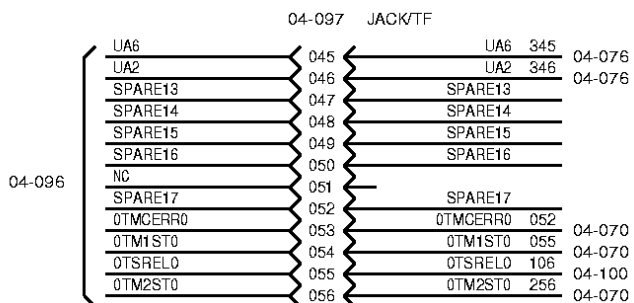
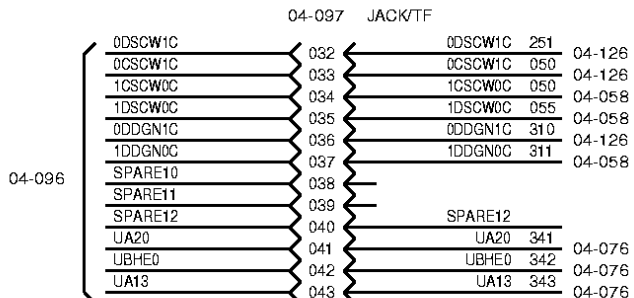
UPDATE BUS MANUAL CONNECTIONS



CAD 018

UPDATE BUS MANUAL CONNECTIONS

(CONT'D)



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SWITCHING MODULE PROCESSOR
UNIT, MODEL 2

DWG SIZE
C2

ISSUE
21B

AT&T

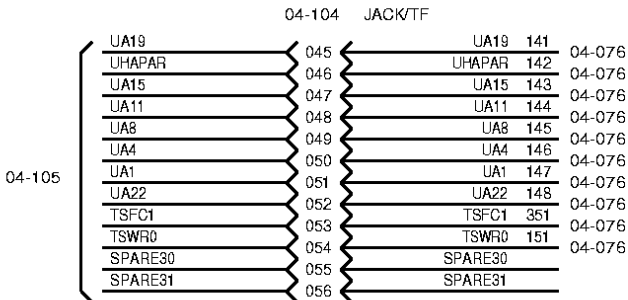
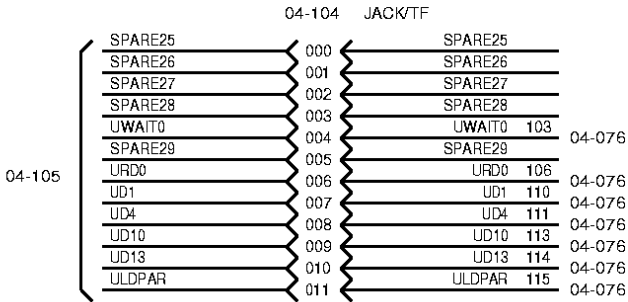
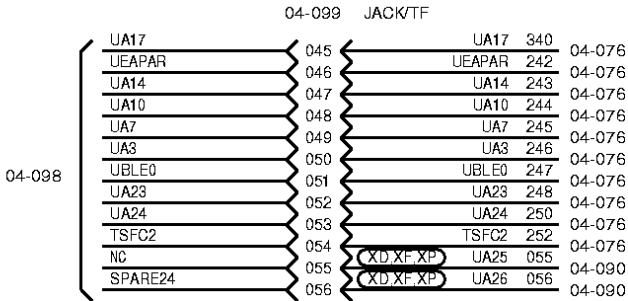
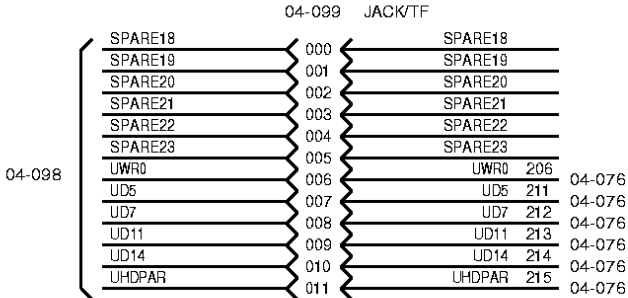
SD-5D129-01

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GB19

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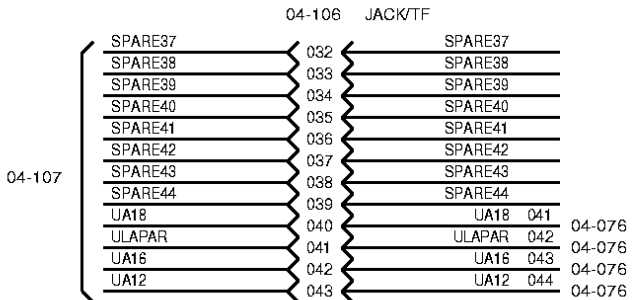
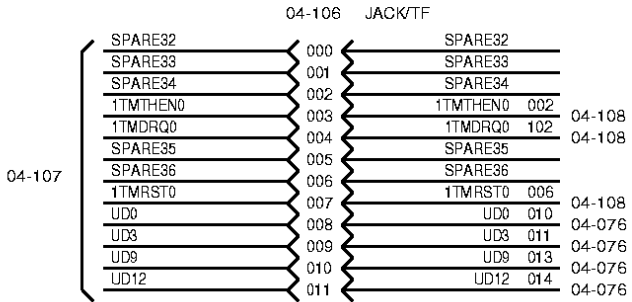
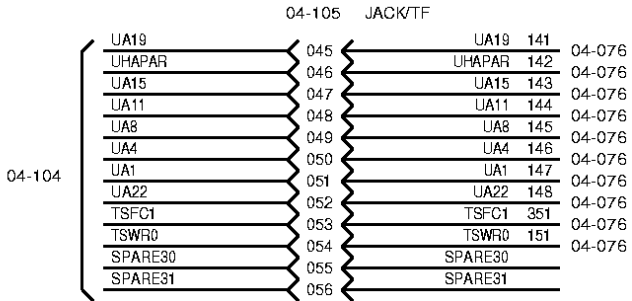
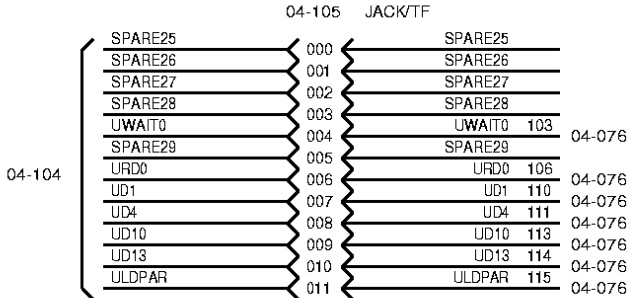
CAD 018

UPDATE BUS MANUAL CONNECTIONS



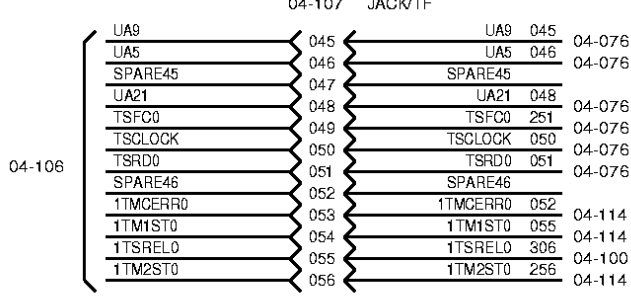
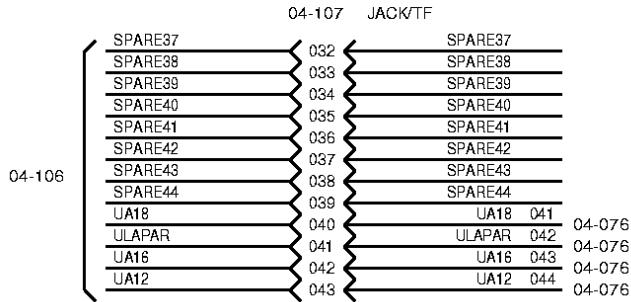
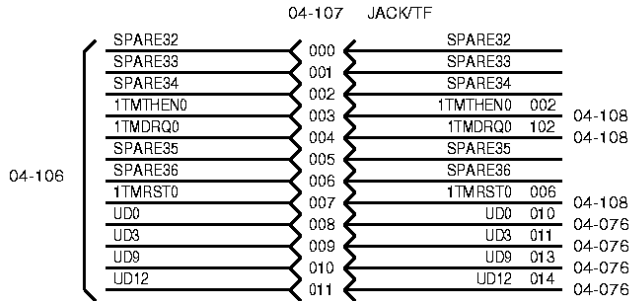
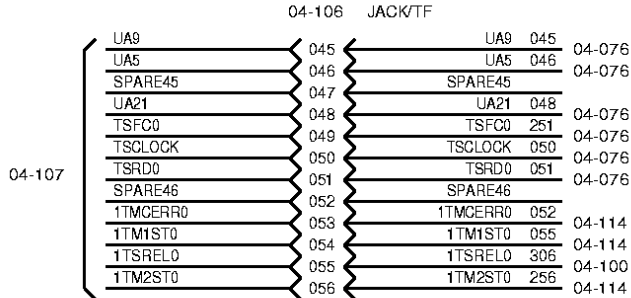
CAD 018

UPDATE BUS MANUAL CONNECTIONS
(CONT'D)



CAD 018

UPDATE BUS MANUAL CONNECTIONS
(CONT'D)



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SWITCHING MODULE PROCESSOR
UNIT, MODEL 2

DWG SIZE
C2

ISSUE
21B

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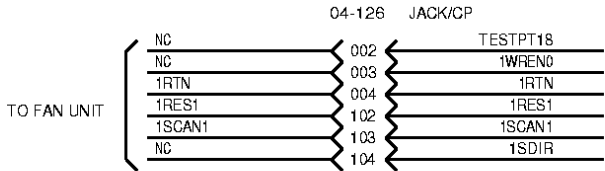
CAD 019

FAN UNIT SCAN AND SD POINTS 0 SIDE



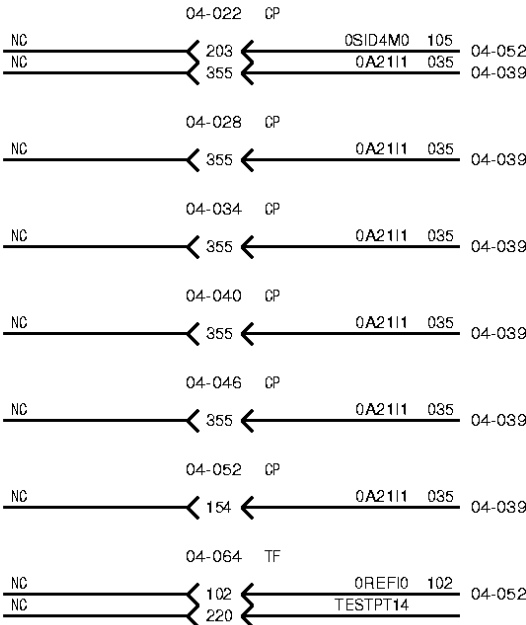
CAD 020

FAN UNIT SCAN AND SD POINTS 1 SIDE



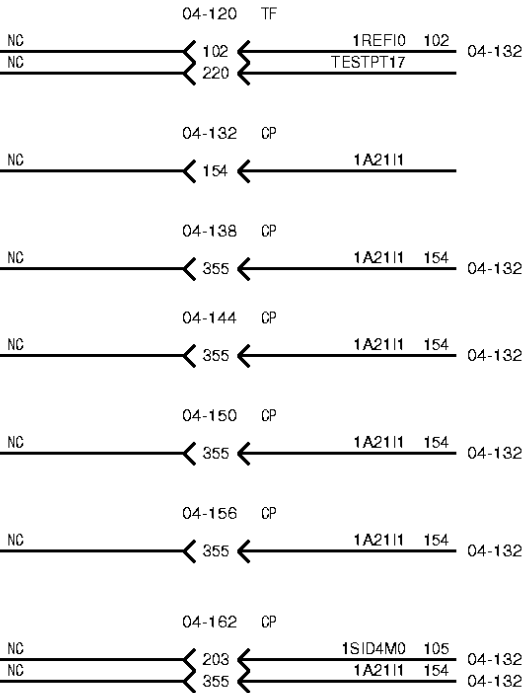
CAD 021

SPARE CONNECTIONS



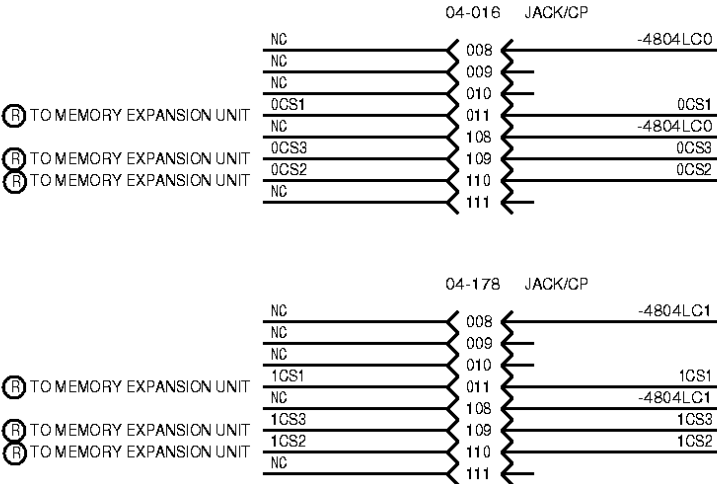
CAD 021

SPARE CONNECTIONS
(CONT'D)



CAD 022

MEU POWER CONTROL (NOTE 206)



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	C2	20B
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