

		0		1		2		3		4		5		6		7		8		9		
A		CONTENTS		SHEET NO.	SHEET ISSUE NO.	CONTENTS		SHEET NO.	SHEET ISSUE NO.	CONTENTS		SHEET NO.	SHEET ISSUE NO.	CONTENTS		SHEET NO.	SHEET ISSUE NO.	DWG ISS	CD ISS	DWG ISS	CD ISS	
		SHEET INDEX SUPPORTING INFORMATION USED ON TABLE		A1	26	LEAD INDEX (CONT)		A44	25	FS 2 MCTU LOWER SHELF, SIDE 1 (CONT)		B25	25	APPARATUS FIGURES		C1	26	1	1 APPX	2A	1 APPX	
		SHEET INDEX (CONT)		A2	24			A45	25			B26	25	C2		24	6AC	3B	5AC	1 APPX	4AC	6B
B		APPARATUS INDEX		A3	26			A46	25			B27	25	C3		24	7AC	1 APPX	8AC	1 APPX	7AC	1 APPX
		OPTION INDEX		A4	26			A47	25			B28	24				2B APPX	11D	2B APPX	12AC	2B APPX	
		DESIGNATION MNEMONICS INDEX		A5	25			A48	25			B29	24									
C				A6	25			A49	25													
				A7	25			A50	25													
				A8	25			A51	25													
D				A9	26			A52	25													
				A10	25			A53	25													
				A11	25			A54	25													
E				A12	25			A55	25													
				A13	25			A56	25													
				A14	25																	
F				A15	25																	
				A16	25																	
				A17	25																	
G				A18	25																	
				A19	25																	
				A20	25																	
H				A21	25																	
				A22	25																	
				A23	25																	
				A24	25																	
				A25	25																	
				A26	25																	
				A27	25																	
				A28	25																	
				A29	25																	
				A30	25																	
				A31	25																	
				A32	25																	
				A33	25																	
				A34	25																	
				A35	25																	
				A36	25																	
				A37	25																	
				A38	25																	
				A39	25																	
				A40	25																	
				A41	25																	
				A42	25																	
				A43	25																	

0123456789

A

B

C

D

E

F

G

H

CONTENTS	SHEET NO.	SHEET ISSUE NO.
CAD 1 (CONT'D)	GB22	24
	GB23	24
	GB24	24
	GB25	24
	GB26	24
CAD 2	GB27	24
	GB28	24
CONTROL AND DISPLAY CONVERTER BLOCK DIAGRAM	H1	24

A

B

C

D

E

F

G

H

Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT		
	DWG SIZE C2	ISSUE 24B
AT&T	SD-5D094-01	SHEET A2

0123456789

PRINTED IN U.S.A

APPARATUS INDEX

CODE	EQL	LOC	APP FIG.	OPTION	CODE	EQL	LOC	APP FIG.	OPTION	CODE	EQL	LOC	APP FIG.	OPTION
MC5D053A1	04-058	8E5	2	(X)	TN876	13-040	34E5	2	(Z)	TN1527	04-052	6E5	10	(ZM)
MC5D053A1	04-126	22E6	2	(X)	TN876	13-048	35E5	2	(Z)	TN1527	04-132	24E5	10	(ZM)
MC5D053A1B	04-058	8E5	2	(W)	TN876	13-140	49D3	2	(Z)	TN1533	04-070	10E6	10	(ZL)
MC5D053A1B	04-126	22E6	2	(W)	TN876	13-148	50E4	2	(Z)	TN1533	04-114	20E5	10	(ZL)
MC5D080A1	04-058	8E5	2	(U)	TN876B	13-040	34E5	2	(E)	TN1617	04-064	9E6	2	(ZW)
MC5D080A1	04-126	22E6	2	(U)	TN876B	13-048	35E5	2	(E)	TN1617	04-120	21E6	2	(ZW)
MC5D080A1B	04-058	8E5	2	(V)	TN876B	13-140	49D3	2	(E)	TN2012	04-022	2D1	11	(ZQ)
MC5D080A1B	04-126	22E6	2	(V)	TN876B	13-148	50E4	2	(E)	TN2012	04-028	2E4	11	(ZP)
MC5D095A1	13-070	38E5	9	(YS)	TN878	04-100	16E5	2		TN2012	04-034	2D6	11	(ZO)
MC5D095A1B	13-070	38E5	9	(YS)	TN1077	13-084	41E4	2	(D)	TN2012	04-040	5E3	11	(ZO)
MC5D095A1	13-114	45E7	9	(YS)	TN1077	13-098	44E4	2	(D)	TN2012	04-046	5E6	11	(ZO)
MC5D095A1B	13-114	45E7	9	(YS)	TN1077B	13-084	41E4	2	(B)	TN2012	04-138	25E1	11	(ZO)
MC5D113A1	04-058	8E5	2	(ZA)	TN1077B	13-098	44E4	2	(B)	TN2012	04-144	26E1	11	(ZO)
MC5D113A1	04-126	22E6	2	(ZA)	TN1086	13-062	37E4	2	(YC)	TN2012	04-150	27D2	11	(ZO)
MC5D113A1B	04-058	8E5	2	(ZB)	TN1086	13-122	47D4	2	(YC)	TN2012	04-156	27D4	11	(ZP)
MC5D113A1B	04-126	22E6	2	(ZB)	TN1086B	13-062	37E4	2	(YD)	TN2012	04-162	27D6	11	(ZQ)
MC5D132A1B	04-058	8E5	2	(ZY)	TN1086B	13-122	47D4	2	(YD)	UN71B	13-022	32E4	4	
MC5D132A1B	04-126	22E6	2	(ZY)	TN1129	13-040	37E5	2	(Y)	UN71B	13-030	33E4	2	
MC5D153A1B	04-058	8E5	2	(YA)	TN1129	13-048	35E5	2	(Y)	UN71B	13-154	51D4	2	
MC5D153A1B	04-126	22E6	2	(YA)	TN1129	13-140	49D3	2	(Y)	UN71B	13-162	52D4	4	
MC5X246A1	04-058	8E5	2	(T)	TN1129	13-148	50E4	2	(Y)	UN395	13-070	38E5	9	(YT)
MC5X246A1	04-126	22E6	2	(T)	TN1129B	13-040	34E5	2	(ZH)	UN395	13-114	45E6	9	(YT)
MC5X246A1B	04-058	8E5	2	(S)	TN1129B	13-048	35E5	2	(ZH)	410AA	04-016	1E4	2	(ZS)
MC5X246A1B	04-126	22E6	2	(S)	TN1129B	13-140	49D3	2	(ZH)	410AA	04-178	28E4	2	(ZS)
MC5X248A1	04-058	8E5	2	(G)	TN1129B	13-148	50E5	2	(ZH)	494RA	13-008	30E6	2	(ZR)
MC5X248A1	04-126	22E6	2	(G)	TN1377	13-040	34E5	2	(ZI)	494RA	13-180	54E2	2	(ZR)
MC5X248A1B	04-058	8E5	2	(F)	TN1377	13-048	34E5	2	(ZI)	495FB	04-016	1E4	2	(ZR)
MC5X248A1B	04-126	22E6	2	(F)	TN1377	13-140	49E3	2	(ZI)	495FB	04-178	28E4	2	(ZR)
MC5X260A1B	04-058	8E5	2	(ZC)	TN1377	13-148	50E5	2	(ZI)	955B	14-083R	40E8	3	
MC5X260A1B	04-126	22E6	2	(ZC)	MC5D053A1	04-058	8E5	2	(X)	955B	14-097R	43G8	3	
MC5X261A1B	04-058	8E5	2	(ZG)	TN1397	04-076	11E6	10	(ZK)	955B	16-083R	40C8	3	
MC5X261A1B	04-126	22E6	2	(ZG)	TN1397	04-108	19E5	10	(ZK)	955B	16-097R	43G6	3	
MC5X265A1B	04-058	8E5	2	(ZU)	TN1407	04-076	11E6	13	(YG)	982CF	12-084R	42D0	2	(ZE)
MC5X265A1B	04-126	22E6	2	(ZU)	TN1407	04-108	19E5	13	(YG)	982CF	12-098R	55D0	2	(ZE)
MC5X275A1B	04-058	8E5	2	(ZX)	TN1407B	04-076	11E5	13	(YP)	982CF	14-084R	44D4	2	(ZE)
MC5X275A1B	04-126	22E6	2	(ZX)	TN1407B	04-108	19E4	13	(YP)	982CF	14-098R	55D5	2	(ZE)
MC5X281A1B	04-058	8E5	2	(YB)	TN1407B	04-076	11E5	16	(XE)	982CG	10-084R	42B3	2	(ZE)
MC5X281A1B	04-126	22E6	2	(YB)	TN1407B	04-108	19E4	16	(XE)	982CG	10-098R	55C1	2	(ZE)
MC5X284A2B	04-058	8E5	2	(YE)	TN1408	04-052	6E5	13	(YH)	982CG	16-084R	42G0	2	(ZE)
MC5X284A2B	04-126	22E6	2	(YE)	TN1408	04-132	24E5	13	(YH)	982CG	16-098R	55G5	2	(ZE)
MC5X702A1B	04-058	8E5	2	(YF)	TN1408B	04-052	6E5	15,16	(XC)(XE)(XR)	982TA	15-084R	42E6	2	(ZF)
MC5X702A1B	04-126	22E6	2	(YF)	TN1408B	04-132	24E3	15,16	(XC)(XE)(XR)	982TA	15-098R	55F0	2	(ZF)
MC5D169A1B	04-058	8E5	13	(YJ)	TN1409	04-022	2D1	14	(XG)	982TR	15-084R	42E6	2	(ZZ)
MC5D169A1B	04-126	22E6	13	(YJ)	TN1409	04-028	2D4	14	(XG)	982TR	15-098R	55F0	2	(ZZ)
SN516	13-016	31E4	2	(YN)	TN1409	04-034	2D6	14	(XG)	982TS	11-084R	42B6	2	(ZZ)
SN516	13-172	53D5	2	(YN)	TN1409	04-040	5E3	16	(XE)	982TS	11-098R	55C5	2	(ZZ)
SN516B	13-016	31E4	2	(YQ)	TN1409	04-046	5E6	16	(XE)	982WY	11-084R	42B6	2	(ZF)
SN516B	13-172	53E4	2	(YQ)	TN1409	04-138	24D7	16	(XE)	982WY	11-098R	55C5	2	(ZF)
TN56	04-022	2D1	7		TN1409	04-144	26E1	16	(XE)					
TN56	04-028	2E4	6		TN1409	04-150	27D2	14	(XG)					
TN56	04-034	2D6	2		TN1409	04-156	27D4	14	(XG)					
TN56	04-040	5E3	2		TN1409	04-162	27D6	14	(XG)					
TN56	04-046	5E6	2		TN1416	04-070	10E5	15,16	(XC)(XE)					
TN56	04-138	25E1	2		TN1416	04-114	20E5	15,16	(XC)(XE)					
TN56	04-144	25E1	2		TN1417	04-058	8E5	15,16	(XC)(XE)					
TN56	04-150	27D2	2		TN1417	04-126	22E6	15,16	(XC)(XE)					
TN56	04-156	27D4	6		TN1418	04-100	16E5	15,16	(XC)(XE)(XM)(XR)					
TN56	04-162	27D6	7		TN1419	04-022	2D1	16	(XE)					
TN871	04-076	11E6	2	(R)	TN1419	04-028	2D4	16	(XE)					
TN871	04-108	19E5	2	(R)	TN1419	04-034	2D6	16	(XE)					
TN871B	04-076	11E6	2	(Q)	TN1419	04-150	27D2	16	(XE)					
TN871B	04-108	19E5	2	(Q)	TN1419	04-156	27D4	16	(XE)					
TN872	04-064	9E6	2	(ZV)	TN1419	04-162	27D6	16	(XE)					
TN872	04-120	21E6	2	(ZV)	TN1423	04-076	11E6	17	(XL)					
TN873	04-070	10E6	2		TN1423	04-108	19E5	17	(XL)					
TN873	04-114	20E5	2		TN1426	04-076	11F6	18	(XM)(XR)					
TN875B	04-052	6E5	2	(P)	TN1426	04-108	19E5	18	(XM)(XR)					
TN875B	04-132	24E5	2	(P)	TN1077E	13-084	41E4	2	(YM)					
TN875C	04-052	6E5	2	(N)	TN1077E	13-098	44E4	2	(YM)					
TN875C	04-132	24E5	2	(N)	TN1524	13-040	34E5	2	(ZJ)					
					TN1524	13-048	34E5	2	(ZJ)					
					TN1524	13-140	49D3	2	(ZJ)					
					TN1524	13-148	50D5	2	(ZJ)					

Copyright (C) 1996 AT&T
All Rights Reserved

MODULE CONTROLLER AND
TIME SLOT INTERCHANGE UNIT

DWG SIZE
C2

ISSUE
26B

AT&T

SD-5D094-01

SHEET
A3

PRINTED IN U.S.A.

DESIGNATION MNEMONICS INDEX

DESIG	DEFINITION
+12VTER	PLUS 12 VOLTS TERMINAL
+5V04C0	+5 VOLTS FOR EQL 04, CONTROLLER 0 FAULT GROUP
+5V04C1	+5 VOLTS FOR EQL 04, CONTROLLER 1 FAULT GROUP
+5V13LC0	+5 VOLTS FOR EQL 13, CONTROLLER 0 FAULT GROUP
+5V13LC1	+5 VOLTS FOR EQL 13, CONTROLLER 0 FAULT GROUP
+5VTER	+5 VOLTS TERMINAL
-12VTER	-12 VOLTS TERMINAL
-4804LC0	MINUS 48 VOLTS CONTROLLER 0
-4804LC1	MINUS 48 VOLTS CONTROLLER 1
-4804TER	MINUS 48 VOLTS, TN878 (FAST PUMP)
-48DLI0	-48 VOLTS FOR CIRCUITRY IN DLI 0 FAULT GROUP
-48DLI1	-48 VOLTS FOR CIRCUITRY IN DLI 1 FAULT GROUP
-48VC0	-48 VOLTS FOR CONTROLLER 0 FAULT GROUP
-48VC1	-48 VOLTS FOR CONTROLLER 1 FAULT GROUP
-5VTER	-5 VOLTS TERMINAL
0-48A	SIDE 0, LINK A, -48V POWER TO OPTIC RECEIVER
0-48B	SIDE 0, LINK B, -48V POWER TO OPTIC RECEIVER
[00:01]4MC[0:15]N	SIDE 0, DI 0 OR 1, 4MHZ PIDB 0-15 CLOCK, NEGATIVE
[00:01]4MC[0:15]P	SIDE 0, DI 0 OR 1, 4MHZ PIDB 0-15 CLOCK, POSITIVE
[00:01]8KS[0:15]N	SIDE 0, DI 0 OR 1, 8KHZ SYNC PIDB 0-15, NEGATIVE
[00:01]8KS[0:15]P	SIDE 0, DI 0 OR 1, 8KHZ SYNC PIDB 0-15, POSITIVE
[00:01]C[0:22]N	SIDE 0, DI 0 OR 1, PICB OUTPUT LEAD 0-22, NEGATIVE
[00:01]C[0:22]P	SIDE 0, DI 0 OR 1, PICB OUTPUT LEAD 0-22, POSITIVE
[00:01]ID[0:22]N	SIDE 0, DI 0 OR 1, PICB INPUT DATA LEAD 0-22, NEGATIVE
[00:01]ID[0:22]P	SIDE 0, DI 0 OR 1, PICB INPUT DATA LEAD 0-22, POSITIVE
[00:01]INT[0:22]P	SIDE 0, CI 0 OR 1, PICB INTERRUPT LEAD 0-22, POSITIVE
[00:01]OD[0:22]N	SIDE 0, CI 0 OR 1, PICB OUTPUT DATA LEAD 0-22, NEGATIVE
[00:01]OD[0:22]P	SIDE 0, CI 0 OR 1, PICB OUTPUT DATA LEAD 0-22, POSITIVE
[00:01]PBI[0:15]N	SIDE 0, DI 0 OR 1, PERIPHERAL BUS INTERFACE INPUT 0-15, NEGATIVE
[00:01]PBI[0:15]P	SIDE 0, DI 0 OR 1, PERIPHERAL BUS INTERFACE INPUT 0-15, POSITIVE
[00:01]PBO[0:15]N	SIDE 0, DI 0 OR 1, PERIPHERAL BUS INTERFACE OUTPUT 0-15, NEGATIVE
[00:01]PBO[0:15]P	SIDE 0, DI 0 OR 1, PERIPHERAL BUS INTERFACE OUTPUT 0-15, POSITIVE
[00:10:11]RESET	SIDE 0 OR 1, SUBUNIT 2 AND 3 MANUAL RESET
[00:01]S[0:22]N	SIDE 0, DI 0 OR 1, PICB OUTPUT SELECT LEAD 0-22, NEGATIVE
[00:01]S[0:22]P	SIDE 0, DI 0 OR 1, PICB OUTPUT SELECT LEAD 0-22, POSITIVE
[0:1]4MC[0:3]N	SIDE 0 OR 1, 4MHZ, DI 0 OR 1, NEGATIVE
[0:1]4MC[0:3]P	SIDE 0 OR 1, 4MHZ, DI 0 OR 1, POSITIVE
[0:1]8KS[0:3]N	SIDE 0 OR 1, 8KHZ TO DSU, NEGATIVE
[0:1]8KS[0:3]P	SIDE 0 OR 1, 8KHZ TO DSU, POSITIVE
08MB0	SIDE 0, 8 MBYTE MEMORY ARRAY INDICATOR
[0:1]8MH0CK	SIDE 0, 8MHZ CLOCK DI 0
[0:1]8MH1CK	SIDE 1, 8MHZ CLOCK DI 1
0A02I0	SIDE 0, MEMORY ADDRESS BIT 02, ACTIVE LOW
0A[02:21]I1	SIDE 0, MEMORY ADDRESS BITS 02-21, ACTIVE LOW
0A02IB0	SIDE 0, MEMORY ADDRESS BIT 02 B, ACTIVE LOW
0A02IB1	SIDE 0, MEMORY ADDRESS BIT 02 B, ACTIVE HIGH
0A1920I0	SIDE 0, TN28 ADDRESS 19, TN56 ADDRESS 20 IO
0A22I1	SIDE 0, MEMORY ADDRESS BIT 22
0ABORT0	SIDE 0, ABORT WRITE
0ACOND5	SIDE 0, LINK A, CONDITIONED +5 VOLTS
0ADLI[0:1]P	SIDE 0, DLI 0 OR 1, DATA LEADS TO TSI
0ADLI[0:1]X	SIDE 0, DLI 0 OR 1, DATA LEADS TO TSI
0ADLI[0:1]Y	SIDE 0, DLI 0 OR 1, DATA LEADS TO TSI
0ADLI[0:1]Z	SIDE 0, DLI 0 OR 1, DATA LEADS TO TSI
0ADPC00	SIDE 0, COLUMN ADDRESS PARITY
0ADPRO0	SIDE 0, ROW ADDRESS PARITY
0AFF0	SIDE 0, A FLIP-FLOP LINE
0AIO1	SIDE 0, ALLOW IO
0ALCPI[0:1]P	SIDE 0, LINK A CP INTERVENTION DATA, PROCESSOR 0 OR 1

DESIG	DEFINITION
0ALRMD[0:1]P	SIDE 0, LINK A RECEIVE MESSAGE TIME SLOT DATA, PROCESSOR 0 OR 1
0ALRMP[0:1]P	SIDE 0, LINK A RECEIVE MESSAGE TIME SLOT PARITY, PROCESSOR 0 OR 1
0AMA[0:7]	SIDE 0, LINK A MESSAGE ADDRESS BITS 0-7
[0:1]AMAEN	SIDE 0 OR 1, LINK A MESSAGE ADDRESS ENABLE
0APWR5	SIDE 0, LINK A +5 VOLT POWER
0AXPWR5	SIDE 0, LINK A +5 POWER TO OPTIC TRANSMITTER
0B[0:1]DLCK	SIDE 0, DLI CLOCK TO TN274
0B[0:1]PARCK	SIDE 0, SDLC PARITY CLOCK FROM DLI
0BCOND5	SIDE 0, LINK B CONDITIONED +5 VOLTS
0BDLI[0:1]P	SIDE 0, DLI 0 OR 1, DATA LEADS TO TSI
0BDLI[0:1]X	SIDE 0, DLI 0 OR 1, DATA LEADS TO TSI
0BDLI[0:1]Y	SIDE 0, DLI 0 OR 1, DATA LEADS TO TSI
0BDLI[0:1]Z	SIDE 0, DLI 0 OR 1, DATA LEADS TO TSI
0BLCP[0:1]P	SIDE 0, LINK B CP INTERVENTION DATA, PROCESSOR 0 OR 1
0BLKINT1	SIDE 0, BLOCK STS NON-MASKABLE INTERRUPT
0BLRMD[0:1]P	SIDE 0, LINK B RECEIVE MESSAGE TIME SLOT DATA, PROCESSOR 0 OR 1
0BLRMP[0:1]P	SIDE 0, LINK B RECEIVE MESSAGE TIME SLOT DATA, PROCESSOR 0 OR 1
0BMA[0:7]	SIDE 0, LINK B, MESSAGE ADDRESS BITS 0-7
[0:1]BMAEN	SIDE 0, LINK B, MESSAGE ADDRESS ENABLE
0BPFA0	SIDE 0, BACKPLANE FORCE ACTIVE
0BPS[1:2]	SIDE 0, BACKPLANE SENSE POINT 1 OR 2
0BPWR5	SIDE 0, LINK B, +5 VOLT POWER
0BREAK0	SIDE 0, MATE BREAK ENABLE
0BSYBIT0	SIDE 0, BOOTSTRAPPER BUSY BIT
0BTPASS0	SIDE 0, BTSR PASSING RESIDENT DIAGNOSTIC BIT
0BTPRS0	SIDE 0, BOOTSTRAPPER PRESENT BIT
0BTSRST0	SIDE 0, BOOTSTRAPPER RESET
0BTSSEL0	SIDE 0, BTSR SELECT
0BUSERR0	SIDE 0, SYSTEM BUS ERROR
0BUSGTA0	SIDE 0, BUS GRANT A
0BUSZS0	SIDE 0, BOOTSTRAPPER UPDATE BUS SEIZE BIT
0BXPWR5	SIDE 0, LINK B, +5V POWER TO OPTIC TRANSMITTER
0C+CP[04,13]L	SIDE 0, CONTROLLER + CURRENT PROGRAM BUS FOR EQL LEVEL 04 OR 13
0C-CP[04,13]L	SIDE 0, CONTROLLER - CURRENT PROGRAM BUS FOR EQL LEVAL 04 OR 13
0C48R	SIDE 0, -48 VOLT RETURN
0C48R04L	SIDE 0, 48 VOLT RETURN
0CACHE0	SIDE 0, CACHE ERROR
[0:1]CALM	SIDE 0 OR 1, CONVERTER ALARM
[0:1]CALMP	SIDE 0 OR 1, CONVERTER ALARM
0CDGN0C	SIDE 0, CONTROLLER DIAGNOSTIC FOR CONTROLLER 0 (SN516)
[0:1]CFAS	SIDE 0 OR 1, CONTROLLER FUSE ALARM SOURCE
0CFLY0	SIDE 0, SINGLE BIT ERROR CORRECT ON THE FLY
[0:1]CINTA	SIDE 0 OR 1, CONVERTER INTERLOCK POINT A
[0:1]CINTB	SIDE 0 OR 1, CONVERTER INTERLOCK POINT B
[0:1]CINTC	SIDE 0 OR 1, CONTROLLER CONVERTER INTERLOCK AND ITS RETURN
[0:1]CINTCR	SIDE 0 OR 1, CONTROLLER CONVERTER INTERLOCK AND ITS RETURN
[0:1]CKSEL	SIDE 0 OR 1, TSI CLK SELECT
0COOS[0:1]D	SIDE 0, CONTROLLER OUT OF SERVICE
0COOS1C	SIDE 0, CONVERTER OUT OF SERVICE
[0:1]COOSA	SIDE 0, CONTROLLER OUT OF SERVICE
[0:1]COOSB	SIDE 0, CONTROLLER OUT OF SERVICE
[0:1]COOSC	SIDE 0, CONTROLLER OUT OF SERVICE
[0:1]COOSCR	SIDE 0, CONTROLLER OUT OF SERVICE
0CPFINT0	SIDE 0, CORRECTABLE PARITY FAIL INTERRUPT
0CPIINT0	SIDE 0, CPI ERROR INTERRUPT
0CRQIP[0:1]C	SIDE 0, CONVERTER REQUEST IN PROGRESS
0CRQIP[0:1]D	SIDE 0, CONVERTER REQUEST IN PROGRESS
0CS[1:3]	SIDE 0, CONVERTER SENSE 1-3

DESIG	DEFINITION
0CSC[04,13]L	SIDE 0, CONVERTER SET POINT CONTROL
0CSCW1C	SIDE 0, CONTROLLER SCAN POINT W FOR CONTROLLER 1
0CSCX[0:1]C	SIDE 0, CONVERTER SCAN POINT X CONTROLLER 0 OR 1
0CSCY1C	SIDE 0, CONVERTER SCAN POINT Y CONTROLLER 1
0CSCZ[0:1]C	SIDE 0, CONVERTER SCAN POINT Z CONTROLLER 0 OR 1
0CTSLT1	SIDE 0, COMMUNICATION TIME SLOT INDICATOR LIGHT
[0:1]CTSTA	SIDE 0 OR 1, CONVERTER TEST A
[0:1]CTSTB	SIDE 0 OR 1, CONVERTER TEST B
0D[00:31]B1	SIDE 0, MEMORY DATA
0DA0	SIDE 0, HAMMING BIT A
0DAFF0	SIDE 0, DISPLAY A FLIP-FLOP
0DDGN[0:1]C	SIDE 0, DLI DIAGNOSTIC FOR CONTROLLER 0 OR 1
0DI[0:3]0	SIDE 0, PARITY BIT BYTE 0-3
0DIATA0P	SIDE 0, LOCAL DI DATA INPUT TO TSI P-LEAD
0DIATB0P	SIDE 0, LOCAL DI DATA INPUT TO TSI P-LEAD
0DIBTA0Z	SIDE 0, LOCAL DI DATA INPUT TO TSI Z-LEAD
0DIBTB0Z	SIDE 0, LOCAL DI DATA INPUT TO TSI Z-LEAD
0DICTA0Y	SIDE 0, LOCAL DI DATA INPUT TO TSI Y-LEAD
0DICTB0Y	SIDE 0, LOCAL DI DATA INPUT TO TSI Y-LEAD
0DIDTA0X	SIDE 0, LOCAL DI DATA INPUT TO TSI X-LEAD
0DIDTB0X	SIDE 0, LOCAL DI DATA INPUT TO TSI X-LEAD
[0:1]DINT	SIDE 0 OR 1, DLI INTERLOCK
[0:1]DLI+CP	SIDE 0 OR 1, DLI + OR CURRENT PROGRAM
[0:1]DLI-CP	SIDE 0 OR 1, DLI - OR CURRENT PROGRAM
0DLI48R	SIDE 0, DLI 48 VOLT RETURN
[0:1]DLIAD	SIDE 0 OR 1, DLI FUSE ALARM
[0:1]DLIALM	SIDE 0 OR 1, DLI ALARM
[0:1]DLIALMP	SIDE 0 OR 1, DLI ALARM POWER
[0:1]DLIALMR	SIDE 0 OR 1, DLI ALARM RETURN
0DLIRA7	SIDE 0, READ ADDRESS 7 ENABLE
0DLIS[1:3]	SIDE 0, DLI SENSE 1-3 (CONVERTER)
[0:1]DLITSTA	SIDE 0 OR 1, DLI TEST PATH A (CONVERTER)
0DLPA0DI	SIDE 0, DATA LOOP ENABLE FOR LOCAL DI
0DLPB0DI	SIDE 0, DATA LOOP ENABLE FOR LOCAL DI
0DMAIN0	SIDE 0, DMA INHIBIT LINE
0DMARD0	SIDE 0, DMA READ LINE
0DMARQ0	SIDE 0, DMA REQUEST LINE
0DMAWR0	SIDE 0, DMA WRITE LINE
0DMB[1:3]0	SIDE 0, DRIVER FOR SPACE MASK BIT 1-3
0DOOS5P	SIDE 0, OUT OF SERVICE +5 POWER
0DOOSC0N	SIDE 0, OUT OF SERVICE CONVERTER
0DORRQ0	SIDE 0, DORMANT REQUEST
0DPERR0	SIDE 0, SYSTEM DATA PARITY ERROR
0DSCW[0:1]C	SIDE 0, DLI SCAN POINT W
0DSCX[0:1]C	SIDE 0, DLI SCAN POINT X
0DSCY[0:1]C	SIDE 0, DLI SCAN POINT Y
0DSOFT20	SIDE 0, SOFTWARE FLAG BIT 2
0DTHEN0	SIDE 0, DISPLAY TOTAL HOLD ENABLE
0DUP0	SIDE 0, DISPLAY UPDATE

Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	25B
AT&T	SD-5D094-01	
		SHEET A5

DESIGNATION MNEMONICS INDEX

DESIG	DEFINITION
0DX0	SIDE 0, HAMMING BIT X
0DY0	SIDE 0, HAMMING BIT Y
0DYNSEL1	SIDE 0, DYNAMIC MEMORY SELECT
0DZ0	SIDE 0, HAMMING BIT Z
0EMACT1	SIDE 0, EXPECT MEMORY ACTIVE
0EXTRA4	SIDE 0, EXTRA ADDRESS BIT (A21) FOR 4 MBYTE MEMORY PLANE
0FA0	SIDE 0, CPI FORCE ACTIVE
0FR0	SIDE 0, CPI FORCE RESET
0FS0	SIDE 0, CPI FORCE INACTIVE
0FTEXT0	SIDE 0, FORCE TEXT
0GOIA1	SIDE 0, MEMORY GO LEAD A
0GOIC1	SIDE 0, MEMORY GO LEAD C
0GOID1	SIDE 0, MEMORY GO LEAD D
0GRD	SIDE 0, GROUND
0HAMWIN0	SIDE 0, HAMMING WRITE INHIBIT
0HRHIT1	SIDE 0, HOLDING REGISTER HIT
0HRLoad1	SIDE 0, HOLDING REGISTER LOAD
0HROFF1	SIDE 0, HOLDING REGISTER OFF
0ID23X	SIDE 0, IDENTIFICATION 23X
0IDLA0DI	SIDE 0, IDLE CODE LOOP ENABLE FOR LOCAL DI
0IDLB0DI	SIDE 0, IDLE CODE LOOP ENABLE FOR LOCAL DI
0INTA0	SIDE 0, INTERRUPT ACKNOWLEDGE
0INTA40	SIDE 0, LEVEL 4 INTERRUPT
0INTR0	SIDE 0, INTERRUPT
0INTR50	SIDE 0, LEVEL 5 CPI INTERRUPT
0IO8SEL1	SIDE 0, SELECT FOR ALL 8 BITS OF I/O
0IOD[0:7]	SIDE 0, I/O DATA
0IORD0	SIDE 0, I/O READ LINE
0IOWR0	SIDE 0, I/O WRITE LINE
0LA[0:1]PTMD	SIDE 0, LINK MONITOR BOARD A, LINK TRANSMIT MESSAGE TIME SLOT DATA FROM PROCESSOR 0 OR 1
0LAB0	SIDE 0, PSUEDO ROM ENABLE
[0:1]LARMTD	SIDE 0 OR 1, DLI TO LINK MONITOR BOARD A, LINK RECEIVER MESSAGE TIME SLOT DATA
0LB[0:1]PTMD	SIDE 0, LINK MONITOR BOARD B, LINK TRANSMIT MESSAGE TIME SLOT DATA FROM PROCESSOR 0 OR 1
[0:1]LBRMTD	SIDE 0 OR 1, DLI TO LINK MONITOR BOARD B LINK RECEIVER MESSAGE TIME SLOT DATA
[0:1]LCKMTS	SIDE 0 OR 1, LINK CLOCK MESSAGE TIME SLOT
0LCPCK[0:1]P	SIDE 0, LINK CONTROL PARITY CLOCK FOR PROCESSOR 0 OR 1
[0:1]LINT	SIDE 0 OR 1, LINK MONITOR BOARD DLI INTERRUPT
0LINT[0:1]UP	SIDE 0 OR 1, LINK INTERRUPT MICROPROCESSOR
0LMTCK[0:1]P	SIDE 0, LINK MESSAGE TIME SLOT CLOCK
0LRCD[0:1]UP	SIDE 0, LINK RECEIVE DATA
0MATE4M0	SIDE 0, DLI MATE 4MHZ CLOCK OUT
[0:1]MATEEN	SIDE 0 OR 1, DLI MATE ENABLE
0MC[1:2]	SIDE 0, MEMORY CONVERTER
0MCK8MH	SIDE 0, MATE CLOCK 8 MHZ
0MD0	SIDE 0, DEMON EPROM ENABLE
0MEMERR0	SIDE 0, MEMORY ERROR
0MESELA0	SIDE 0, MEMORY BOARD SELECT
0MESELB0	SIDE 0, MEMORY BOARD SELECT
0MESELC0	SIDE 0, MEMORY BOARD SELECT
0MESELD0	SIDE 0, MEMORY BOARD SELECT
0MESELE0	SIDE 0, MEMORY BOARD SELECT
0MESELF0	SIDE 0, MEMORY BOARD SELECT
0MESELG0	SIDE 0, MEMORY BOARD SELECT
0MESELH0	SIDE 0, MEMORY BOARD SELECT
0MESELI0	SIDE 0, MEMORY BOARD SELECT
0MESELJ0	SIDE 0, MEMORY BOARD SELECT

DESIG	DEFINITION
0MESELK0	SIDE 0, MEMORY BOARD SELECT
0MONINV0	SIDE 0, MONITOR INVOKE
0MPF0	SIDE 0, INDICATES MATE POWER FAILURE
0MWTERR0	SIDE 0, MATE ACCESS READY TIME-OUT ERROR
[0:1]NAE	SIDE 0 OR 1, NOT ADDRESS ENABLE
0NOREF0	SIDE 0, NO REFRESH
[0:1]PARCLK	SIDE 0 OR 1, PARITY CLOCK
0PBI[0:3]N	SIDE 0, DSU DATA TO TSI 0-3, NEGATIVE
0PBI[0:3]P	SIDE 0, DSU DATA TO TSI 0-3, POSITIVE
0PBO[0:3]N	SIDE 0, TSI DATA TO DSU 0-3, NEGATIVE
0PBO[0:3]P	SIDE 0, TSI DATA TO DSU 0-3, POSITIVE
0PERERR0	SIDE 0, SDLC PARITY ERROR INDICATOR
0PISEL0	SIDE 0, PROCESSOR INTERNAL SELECT
0PNMI0	SIDE 0, PROCESSOR NONMASKABLE INTERRUPT
0POR0	SIDE 0, POWER ON RESET
0PROC1	SIDE 0, SIDE IDENTIFIER
0PUMP0	SIDE 0, BOOTSTRAPPER PROCESSOR HOLD REQUEST
0RAMEN1	SIDE 0, RAM ENABLE
0READI1	SIDE 0, MEMORY READ ENABLE
0REFI0	SIDE 0, MEMORY REFRESH
0RES1	SIDE 0, FAN RESET
0RESET0	SIDE 0, STROBE RESET
0RESRAM0	SIDE 0, RESTRICTED RAM ENABLE
0ROMEN0	SIDE 0, ROM ENABLE
0RWP0	SIDE 0, WRITE PROTECT READ ENABLE
0SA[1:24]	SIDE 0, SYSTEM ADDRESS
0SA25	SIDE 0, SYSTEM ADDRESS
0SANINH0	SIDE 0, SANITY TIMER INHIBIT FROM CPI
0SANLT1	SIDE 0, PROCESSOR SANITY LIGHT
0SBHE0	SIDE 0, SYSTEM BYTE HIGH ENABLE
0SBLE0	SIDE 0, SYSYEM BYTE LOW ENABLE
0SCAN1	SIDE 0, CHANGE CALCULATION MULTIPLEXER SELECT
[0:1]SCLOCK	SIDE 0 OR 1, SYSTEM CLOCK
0SD[0:15]	SIDE 0, SYSTEM DATA
0SDEN0	SIDE 0, SYSTEM DATA ENABLE
[0:1]SDIR	SIDE 0 OR 1, SYSTEM DIRECTION
[0:1]SEAPAR	SIDE 0 OR 1, SYSTEM EXTENDED ADDRESS PARITY
0SELB[0:4]0	SIDE 0, MEMORY BOARD SELECT
0SETWP0	SIDE 0, SET WRITE PROTECT ENABLE
[0:1]SHAPAR	SIDE 0 OR 1, SYSTEM ADDRESS PARITY HIGH BYTE
[0:1]SHDPAR	SIDE 0 OR 1, SYSTEM DATA PARITY HIGH BYTE
0SID4M0	SIDE 0, SEPARATE INSTRUCTION, DATA 4MBYTE MEMORY PLANE
0SID560	SIDE 0, TN56 SEPARATE INSTRUCTION/DATA
0SHSTOP0	SIDE 0, SHADOW STOP
[0:1]SLAPAR	SIDE 0 OR 1, SYSTEM ADDRESS PARITY LOW BYTE
[0:1]SLDPAR	SIDE 0 OR 1, SYSTEM LOW DATA PARITY
0SPB[0:9]	SIDE 0, BYTE BUSES BETWEEN SMART SIGNAL PROCESSORS SPARE SLOTS
0SPLIT0	SIDE 0, EPROM SPLIT MODE
0SPNN[0:3]T	SIDE 0, TSI NIBBLE BUS TO SMART SIGNAL PROCESSOR SLOT (NETWORK)
0SPPN[0:3]T	SIDE 0, SMART SIGNAL PROCESSOR NET
0STKERR0	SIDE 0, STACK WRITE PROTECT ERROR
0STW0	SIDE 0, STS TEST SIGNAL
0SU0ERR0	SIDE 0, SUBUNIT 0 ERROR, ACTIVE LOW
0SU0S0	SIDE 0, SUBUNIT 0 SELECT, ACTIVE LOW
0SU0WT0	SIDE 0, SUBUNIT 0 WAIT, ACTIVE LOW
0SU1ERR0	SIDE 0, SP INTERRUPT LEAD
0SU1S0	SIDE 0, SP BOARD SELECT
0SU1WT0	SIDE 0, SP WAIT LINE
0SU2ERR0	SIDE 0, SUBUNIT 2 ERROR, ACTIVE LOW
0SU2S0	SIDE 0, SUBUNIT 2 SELECT, ACTIVE LOW
0SU2WT0	SIDE 0, SUBUNIT 2 WAIT, ACTIVE LOW

DESIG	DEFINITION
0SU3ERR0	SIDE 0, SUBUNIT 3 ERROR, ACTIVE LOW
0SU3S0	SIDE 0, SUBUNIT 3 SELECT, ACTIVE LOW
0SU3WT0	SIDE 0, SUBUNIT 3 WAIT, ACTIVE LOW
0SU4ERR0	SIDE 0, SPARE INTERRUPT
0SU4S0	SIDE 0, SPARE SELECT LEAD
0SU4WT0	SIDE 0, SPARE READY LEAD
0SU5ERR0	SIDE 0, SPARE INTERRUPT
0SU5S0	SIDE 0, SPARE SELECT LEAD
0SU5WT0	SIDE 0, SPARE READY LEAD
0SU6ERR0	SIDE 0, SPARE INTERRUPT
0SU6S0	SIDE 0, SPARE SELECT LEAD
0SU6WT0	SIDE 0, SPARE READY LEAD
0SU7ERR0	SIDE 0, SPARE INTERRUPT
0SU7S0	SIDE 0, SPARE SELECT LEAD
0SU7WT0	SIDE 0, SPARE READY LEAD
0SUA1Z	SIDE 0, SUBUNIT ADDRESS BIT 1
0SUA[2:6]	SIDE 0, SUBUNIT ADDRESS BITS 2-6
[0:1]SUAP	SIDE 0 OR 1, SUBUNIT ADDRESS PARITY BIT
0SUD[0:1]Z	SIDE 0, SUBUNIT DATA BITS 0 & 1
0SUD[10:11]Z	SIDE 0, SUBUNIT DATA BITS 10 & 11
0SUD[12:15]	SIDE 0, SUBUNIT DATA BITS 12-15
0SUD[2:9]	SIDE 0, SUBUNIT DATA BITS 2-9
[0:1]SUDPH	SIDE 0 OR 1, SUBUNIT DATA PARITY HIGH
[0:1]SUDPL	SIDE 0 OR 1, SUBUNIT DATA PARITY LOW
0SURD0	SIDE 0, SUBUNIT READ ACTIVE LOW
0SUWR0	SIDE 0, SUBUNIT WRITE ACTIVE LOW
0SWAIT0	SIDE 0, SYSTEM WAIT
0SWR0	SIDE 0, SYSTEM WRITE
0SY6MS[0:1]0	SIDE 0, SYSTEM 6 MILLISECOND SYNC, ACTIVE LOW
0SY8KH[0:1]0	SIDE 0, SYSTEM 8 MHZ SYNC, ACTIVE LOW
0T2MHCI	SIDE 0, 2 MHZ CLOCK TO CI
0T6MSSP	SIDE 0, 6 MILLISECOND SYNC FROM TSI TO SP, ACTIVE LOW
0T8KA0DI	SIDE 0, 8 KHZ SYNC TO DI A
0T8KB0DI	SIDE 0, 8 KHZ SYNC TO DI B
0T8MA0DI	SIDE 0, 8 MHZ CLOCK TO DI A
0T8MB0DI	SIDE 0, 8 MHZ CLOCK TO DI B
0T8MHSP	SIDE 0, 8 MHZ CLOCK FROM TSI TO SP
0TA0ADDA	SIDE 0, DI ADDRESS FROM TSI
0TA0ADDB	SIDE 0, DI ADDRESS FROM TSI
0TA0ADDC	SIDE 0, DI ADDRESS FROM TSI
0TA0ADDD	SIDE 0, DI ADDRESS FROM TSI
0TA0DIS0	SIDE 0, TSI-BOARD SELECT FOR ODD/EVEN DI
0TAFOR0	SIDE 0, TERMINAL ACCESS FORCED
0TB0ADDA	SIDE 0, DI ADDRESS FROM TSI
0TB0ADDB	SIDE 0, DI ADDRESS FROM TSI
0TB0ADDC	SIDE 0, DI ADDRESS FROM TSI
0TB0ADDD	SIDE 0, DI ADDRESS FROM TSI
0TB0DIS0	SIDE 0, TSI-BOARD SELECT FOR ODD/EVEN DI
0THEN1	SIDE 0, TOTAL HOLD ENABLE LINE, ACTIVE HIGH

Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	25B
AT&T	SD-5D094-01	
		SHEET A6

DESIGNATION MNEMONICS INDEX

DESIG	DEFINITION
[0:1]TIMCLK	SIDE 0 OR 1, 7.5 MHZ CLOCK
OTM[1:2]STO	SIDE 0, TO MATE STOP SIGNAL 1 OR 2
OTMAFF0	SIDE 0, A FLIP-FLOP STATUS TO MATE
OTMCERR0	SIDE 0, TO MATE CONTROLLER ERROR
OTMDRQ0	SIDE 0, TO THE MATE DORMANT REQUEST
OTMFA0	SIDE 0, FORCE ACTIVE STATUS TO MATE
OTMOFF1	SIDE 0, OFF STATUS TO MATE
OTMPERR0	SIDE 0, PERIPHERAL INTERRUPT TO MATE
OTMRST0	SIDE 0, TO THE MATE RESET
OTMTHEN0	SIDE 0, TO THE MATE TOTAL HOLD ENABLE
OTN281	SIDE 0, TN28/TN56 MEMORY PLAN DISTINGUISHER
OTP3A	TEST POINT
OTP4B	TEST POINT
OTPA0DIA	SIDE 0, P LEAD TO LOCAL DI
OTPB0DIA	SIDE 0, P LEAD TO LOCAL DI
OTSHOLD0	SIDE 0, TEST SET HOLD
OTSIA[0:1]P	SIDE 0, NIBBLE BUS DATA BIT P, FROM TSI TO DLI LINKS A0
OTSIA[0:1]X	SIDE 0, NIBBLE BUS DATA BIT X, FROM TSI TO DLI LINKS A0
OTSIA[0:1]Y	SIDE 0, NIBBLE BUS DATA BIT Y, FROM TSI TO DLI LINKS A0
OTSIA[0:1]Z	SIDE 0, NIBBLE BUS DATA BIT Z, FROM TSI TO DLI LINKS A0
OTSIb[0:1]P	SIDE 0, NIBBLE BUS DATA BIT P, FROM TSI TO DLI LINKS B0
OTSIb[0:1]X	SIDE 0, NIBBLE BUS DATA BIT P, FROM TSI TO DLI LINKS B0
OTSIb[0:1]Y	SIDE 0, NIBBLE BUS DATA BIT P, FROM TSI TO DLI LINKS B0
OTSIb[0:1]Z	SIDE 0, NIBBLE BUS DATA BIT P, FROM TSI TO DLI LINKS B0
OTSINH0	SIDE 0, TEST SET INHIBIT
OTSPNN[0:3]	SIDE 0, TSI RETURN NIBBLE BUS FROM SMART SIGNAL PROCESSOR SPARE SLOT
OTSPPN[0:3]	SIDE 0, TSI RETURN NIBBLE BUS FROM SMART SIGNAL PROCESSOR SPARE SLOT
OTSREL0	SIDE 0, TEST SET RELEASE
OTXA0DID	SIDE 0, TSI X DATA LEAD TO LOCAL DI
OTXB0DID	SIDE 0, TSI X DATA LEAD TO LOCAL DI
OTYA0DIC	SIDE 0, TSI Y DATA LEAD TO LOCAL DI
OTYB0DIC	SIDE 0, TSI Y DATA LEAD TO LOCAL DI
OTZA0DIB	SIDE 0, TSI Z DATA LEAD TO LOCAL DI
OTZB0DIB	SIDE 0, TSI Z DATA LEAD TO LOCAL DI
QUABEN0	SIDE 0, UPDATE ADDRESS BUS ENABLE
QUDWP0	SIDE 0, DATA WRITE PROTECT ENABLE
OUPACT[0:1]L	SIDE 0, DLI 0 OR 1, ENABLE
OUPCK[0:1]L	SIDE 0, DLI CONTROL CHANNEL CLOCK TO DLI 0 OR 1
OUPDATE0	SIDE 0, UPDATE
OUPGO[0:1]L	SIDE 0, DLI 0 OR 1, GO SIGNAL
OUPTRD[0:1]A	SIDE 0, SDLC DATA TO DLI 0 OR 1
OUPTRD[0:1]B	SIDE 0, SDLC DATA TO DLI 0 OR 1
OUPTRMP[0:1]A	SIDE 0, SDLC PARITY TO DLI 0 OR 1
OUPTRMP[0:1]B	SIDE 0, SDLC PARITY TO DLI 0 OR 1
OUPTRD[0:1]L	SIDE 0, DLI 0 OR 1, CONTROL CHANNEL DATA OUT
OUTWP0	SIDE 0, TEXT WRITE PROTECT ENABLE
OVALOP0	SIDE 0, INVALID OPERATION
OWB00	SIDE 0, BYTE WRITE ENABLE
OWDPERR0	SIDE 0, WRITE PROTECT ERROR
OWH0	SIDE 0, HAMMING WRITE ENABLE
OWPERR0	SIDE 0, WRITE PROTECT ERROR
OWPINH0	SIDE 0, TEST POINT
OWREN0	SIDE 0, WRITE ENABLE
OWTERR0	SIDE 0, WAIT ERROR
OXPRST0	SIDE 0, EXTERNAL POWER ON RESET
1-48A	SIDE 0, LINK A -48V POWER TO OPTIC RECEIVER
1-48B	SIDE 0, LINK B -48V POWER TO OPTIC RECEIVER

DESIG	DEFINITION
[10:11]4MC[0:15]N	SIDE 1, DI 0 OR 1, 4MHZ PIDB 0-15 CLOCK, NEGATIVE
[10:11]4MC[0:15]P	SIDE 1, DI 0 OR 1, 4MHZ PIDB 0-15 CLOCK, POSITIVE
[10:11]8KS[0:15]N	SIDE 1, DI 0 OR 1, 8KHZ SYNC PIDB 0-15, NEGATIVE
[10:11]8KS[0:15]P	SIDE 1, DI 0 OR 1, 8KHZ SYNC PIDB 0-15, POSITIVE
[10:11]C[0:22]N	SIDE 1, DI 0 OR 1, PICB OUTPUT LEAD 0-22, NEGATIVE
[10:11]C[0:22]P	SIDE 1, DI 0 OR 1, PICB OUTPUT LEAD 0-22, POSITIVE
[10:11]ID[0:22]N	SIDE 1, DI 0 OR 1, PICB INPUT DATA LEAD 0-22, NEGATIVE
[10:11]ID[0:22]P	SIDE 1, DI 0 OR 1, PICB INPUT DATA LEAD 0-22, POSITIVE
[10:11]INT[0:22]P	SIDE 1, CI 0 OR 1, PICB INTERRUPT LEAD 0-22, POSITIVE
[10:11]OD[0:22]N	SIDE 1, CI 0 OR 1, PICB OUTPUT DATA LEAD 0-22, NEGATIVE
[10:11]OD[0:22]P	SIDE 1, CI 0 OR 1, PICB OUTPUT DATA LEAD 0-22, POSITIVE
[10:11]PBI[0:15]N	SIDE 1, DI 0 OR 1, PERIPHERAL BUS INTERFACE INPUT 0-15, NEGATIVE
[10:11]PBI[0:15]P	SIDE 1, DI 0 OR 1, PERIPHERAL BUS INTERFACE INPUT 0-15, POSITIVE
[10:11]PBO[0:15]N	SIDE 1, DI 0 OR 1, PERIPHERAL BUS INTERFACE OUTPUT 0-15, NEGATIVE
[10:11]PBO[0:15]P	SIDE 1, DI 0 OR 1, PERIPHERAL BUS INTERFACE OUTPUT 0-15, POSITIVE
[10:11]S[0:22]N	SIDE 1, DI 0 OR 1, PICB OUTPUT SELECT LEAD 0-22, NEGATIVE
[10:11]S[0:22]P	SIDE 1, DI 0 OR 1, PICB OUTPUT SELECT LEAD 0-22, POSITIVE
18MB0	SIDE 1, 8 MBYTE MEMORY ARRAY INDICATOR
1A02I0	SIDE 1, MEMORY ADDRESS BIT 02, ACTIVE LOW
1A[02:21]i1	SIDE 1, MEMORY ADDRESS BITS 02-21, ACTIVE HIGH
1A02IB0	SIDE 1, MEMORY ADDRESS BITS 02 B, ACTIVE LOW
1A02IB1	SIDE 1, MEMORY ADDRESS BIT 02 B, ACTIVE HIGH
1A1920I0	SIDE 1, TN28 ADDRESS 19, TN56 ADDRESS TO IO
1A22I1	SIDE 1, MEMORY ADDRESS BIT 22
1ABORT0	SIDE 1, ABORT WRITE
1ACOND5	SIDE 1, LINK A CONDITIONED +5 VOLTS
1ADLI[0:1]P	SIDE 1, DLI 0 OR 1 DATA LEADS TO TSI
1ADLI[0:1]X	SIDE 1, DLI 0 OR 1 DATA LEADS TO TSI
1ADLI[0:1]Y	SIDE 1, DLI 0 OR 1 DATA LEADS TO TSI
1ADLI[0:1]Z	SIDE 1, DLI 0 OR 1 DATA LEADS TO TSI
1ADPC00	SIDE 1, COLUMN ADDRESS PARITY
1ADPRO0	SIDE 1, ROW ADDRESS PARITY
1AFF0	SIDE 1, A FLIP-FLOP LINE
1AIO1	SIDE 1, ALLOW I/O
1ALCPI[0:1]P	SIDE 1, LINK A CP INTERVENTION DATA PROCESSOR 0 OR 1
1ALRMD[0:1]P	SIDE 1, LINK A RECEIVE MESSAGE TIME SLOT DATA, PROCESSOR 0 OR 1
1ALRMP[0:1]P	SIDE 1, LINK A RECEIVE MESSAGE TIME SLOT DATA, PROCESSOR 0 OR 1
1AMA[0:7]	SIDE 1, LINK A MESSAGE ADDRESS BITS 0-7
1APWR5	SIDE 1, LINK A +5 VOLT POWER
1AXPWR5	SIDE 1, LINK A +5V POWER TO OPTIC TRANSMITTER
1B[0:1]DLCK	SIDE 1, DLI CLOCK TO TN274
1B[0:1]PARCK	SIDE 1, SDLC PARITY CLOCK FROM DLI
1BCOND5	SIDE 1, LINK B CONDITIONED _5 VOLTS
1BDLI[0:1]P	SIDE 1, DLI 0 OR 1 DATA LEADS TO TSI
1BDLI[0:1]X	SIDE 1, DLI 0 OR 1 DATA LEADS TO TSI
1BDLI[0:1]Y	SIDE 1, DLI 0 OR 1 DATA LEADS TO TSI
1BDLI[0:1]Z	SIDE 1, DLI 0 OR 1 DATA LEADS TO TSI
1BDLI[0:1]Z	SIDE 1, DLI 0 OR 1 DATA LEADS TO TSI
1BLCPI[0:1]P	SIDE 1, LINK B CP INTERVENTION DATA PROCESSOR 0 OR 1
1BLKINT1	SIDE 1, BLOCK STS NON-MASKABLE INTERRUPT
1BLRMD[0:1]P	SIDE 1, LINK B RECEIVE MESSAGE TIME SLOT DATA, PROCESSOR 0 OR 1
1BLRMP[0:1]P	SIDE 1, LINK B RECEIVE MESSAGE TIME SLOT DATA, PROCESSOR 0 OR 1
1BMA[0:7]	SIDE 1, LINK B, MESSAGE ADDRESS BITS 0-7
1BPFA0	SIDE 1, BACKPLANE FORCE ACTIVE
1BPS[1:2]	SIDE 1, BACKPLANE SENSE POINT 1 OR 2
1BPWR5	SIDE 1, LINK B +5 VOLT POWER
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

DESIG	DEFINITION
1BTSRTS0	SIDE 1, BOOTSTRAPPER RESET
1BTSSEL0	SIDE 1, BTSR SELECT
1BUSERR0	SIDE 1, SYSTEM BUS ERROR
1BUSGTA0	SIDE 1, BUS GRANT A
1BUSZS0	SIDE 1, BOOTSTRAPPER UPDATE BUS SEIZE BIT
1BXPWR5	SIDE 1, LINK B, +5V POWER TO OPTIC TRANSMITTER
1C+CP[04,13]L	SIDE 1, CONTROLLER +, CURRENT PROGRAM BUS FOR EQL 04, 13
1C-CP[04,13]L	SIDE 1, CONTROLLER -, CURRENT PROGRAM BUS FOR EQL 04, 13
1C48R	SIDE 1, -48 VOLT RETURN
1C48R04L	SIDE 1, 48 VOLT RETURN
1CACHE0	SIDE 1, CACHE ERROR
1CDGN1C	SIDE 1, CONTROLLER DIAGNOSTIC FOR CONTROLLER 1 (SN516)
1CFLY0	SIDE 1, SINGLE BIT ERROR CORRECT ON THE FLY
1C00S0C	SIDE 1, CONVERTER OUT OF SERVICE
1COOS[0:1]D	SIDE 1, CONTROLLER OUT OF SERVICE
1CPFINT0	SIDE 1, CORRECTABLE PARITY FAIL INTERRUPT
1CPIINT0	SIDE 1, CPI ERROR INTERRUPT
1CRQIP[0:1]C	SIDE 1, CONVERTER REQUEST IN PROGRESS
1CRQIP[0:1]D	SIDE 1, CONVERTER REQUEST IN PROGRESS
1CS[1:3]	SIDE 1, CONVERTER SENSE 1-3
1CSC[04,13]L	SIDE 1, CONVERTER SET POINT CONTROL
1CSCW0C	SIDE 1, CONTROLLER SCAN POINT W, FOR CONTROLLER 0
1CSCX[0:1]C	SIDE 1, CONVERTER SCAN POINT Z CONTROLLER 0 OR 1
1CSCY0C	SIDE 1, CONVERTER SCAN POINT Y, FOR CONTROLLER 0
1CSCZ[0:1]C	SIDE 1, CONVERTER SCAN POINT Z CONTROLLER 0 OR 1
1CTSLT1	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, DLI DIAGNOSTIC FOR CONTROLLER 0 OR 1
1DI[0:3]0	SIDE 1, PARITY BIT BYTE 0-3
1DIATA0P	SIDE 1, LOCAL DI DATA INPUT TO TSI P-LEAD
1DIATB0P	SIDE 1, LOCAL DI DATA INPUT TO TSI P-LEAD
1DIBTA0Z	SIDE 1, LOCAL DI DATA INPUT TO TSI Z-LEAD
1DIBTB0Z	SIDE 1, LOCAL DI DATA INPUT TO TSI Z-LEAD
1DICTA0Y	SIDE 1, LOCAL DI DATA INPUT TO TSI Y-LEAD
1DICTB0Y	SIDE 1, LOCAL DI DATA INPUT TO TSI Y-LEAD
1DIDTA0X	SIDE 1, LOCAL DI DATA INPUT TO TSI X-LEAD
1DIDTB0X	SIDE 1, LOCAL DI DATA INPUT TO TSI X-LEAD
1DLI48R	SIDE 1, DLI 48 VOLT RETURN
1DLIRA7	SIDE 1, READ ADDRESS 7 ENABLE
1DLIS[1:3]	SIDE 1, DLI SENSE 1-3, (CONVERTER)
1DLPA0DI	SIDE 1, DATA LOOP ENABLE FOR LOCAL DI
1DLPB0DI	SIDE 1, DATA LOOP ENABLE FOR LOCAL DI
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 1-3
1DOOS5P	SIDE 1, OUT OF SERVICE +5 POWER

Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	25B
AT&T	SD-5D094-01	
		SHEET A7

DESIGNATION MNEMONICS INDEX

DESIG DEFINITION

1DOOSCON SIDE 1, OUT OF SERVICE CONVERTER
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 BIT X
1DY0 SIDE 1, HAMMING BIT Y
1DYNSEL1 SIDE 1, DYNAMIC MEMORY SELECT

1DZ0 SIDE 1, HAMMING 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

1GOIC1 SIDE 1, MEMORY GO LEAD C
1GOID1 SIDE 1, MEMORY GO LEAD D
1GRD SIDE 1, GROUND
1HAMWIN0 SIDE 1, HAMMING WRITE INHIBIT
1HRHIT1 SIDE 1, HOLDING REGISTER HIT

1HRLoad1 SIDE 1, HOLDING REGISTER LOAD
1HROFF1 SIDE 1, HOLDING REGISTER OFF
1ID23X SIDE 1, IDENTIFICATION 23X
1IDLA0DI SIDE 1, IDLE CODE LOOP ENABLE FOR LOCAL DI
1IDLB0DI SIDE 1, IDLE CODE LOOP ENABLE FOR LOCAL DI

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

1LA[0:1]PTMD SIDE 1, LINK MONITOR BOARD A LINK TRANSMIT MESSAGE TIME SLOT DATA FRON
PROCESSOR 0 OR 1

1LAB0 SIDE 1, PSUEDO ROM ENABLE
1LB[0:1]PTMD SIDE 1, LINK MONITOR BOARD B LINK TRANSMIT MESSAGE TIME SLOT DATA FRON
PROCESSOR 0 OR 1

1LCPCK[0:1]P SIDE 1, LINK CONTROL PARITY CLOCK FOR PROCESSOR 0 OR 1
1LINT[0:1]UP SIDE 1, LINK MONITOR BOARD DLI INTERRUPT
1LMTCK[0:1]P SIDE 1, LINK MESSAGE TIME SLOT CLOCK

1LRCD[0:1]UP SIDE 1, LINK RECEIVE DATA
1MATE4M0 SIDE 1, DLI MATE 4 MHZ CLOCK OUT
1MC[1:2] SIDE 1, MEMORY CONVERTER
1MCK8MH SIDE 1, MATE CLOCK 8 MHZ

1MD0 SIDE 1, DEMON EPROM ENABLE
1MEMERR0 SIDE 1, MEMORY ERROR
1MESELA0 SIDE 1, MEMORY BOARD SELECT
1MESELB0 SIDE 1, MEMORY BOARD SELECT

1MESELCO SIDE 1, MEMORY BOARD SELECT
1MESELD0 SIDE 1, MEMORY BOARD SELECT
1MESELE0 SIDE 1, MEMORY BOARD SELECT
1MESELF0 SIDE 1, MEMORY BOARD SELECT

1MESELG0 SIDE 1, MEMORY BOARD SELECT

DESIG DEFINITION

1MESELH0 SIDE 1, MEMORY BOARD SELECT
1MESELI0 SIDE 1, MEMORY BOARD SELECT
1MESELJ0 SIDE 1, MEMORY BOARD SELECT
1MESELK0 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

1PBI[0:3]N SIDE 1, DSU DATA TO TSI 0-3, NEGATIVE
1PBI[0:3]P SIDE 1, DSU DATA TO TSI 0-3, POSITIVE
1PBO[0:3]N SIDE 1, TSI DATA TO DSU 0-3, NEGATIVE
1PBO[0:3]P SIDE 1, TSI DATA TO DSU 0-3, POSITIVE

1PERERR0 SIDE 1, SDLC PARITY ERROR INDICATOR
1PISEL0 SIDE 1, PROCESSOR INTERNAL SELECT
1PNMIO SIDE 1, PROCESSOR NONMASKABLE INTERRUPT
1POR0 SIDE 1, POWER ON RESET

1PROC1 SIDE 1, SIDE IDENTIFIER
1PUMP0 SIDE 1, BOOTSTRAPPERS PROCESSOR HOLD REQUEST
1RAMEN1 SIDE 1, RAM ENABLE
1READI1 SIDE 1, MEMORY READ ENABLE

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
1RWPO SIDE 1, WRITE PROTECT READ ENABLE
1SA[1:24] SIDE 1, SYSTEM ADDRESS
1SA25 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, CHANGE CALCULATION MULTIPLEXER SELECT

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

1SHSTOP0 SIDE 1, SHADOW STOP
1SID4M0 SIDE 1, SEPARATE INSTRUCTION, DATA 4MBYTE MEMORY PLANE
1SID560 SIDE 1, TN56 SEPARATE INSTRUCTION/DATA
1SPB[0:9] SIDE 1, BYTE BUSES BETWEEN SMART SIGNAL PROCESSORS SPARE SLOTS
1SPLIT0 SIDE 1, EPROM SPLIT MODE
1SPNN[0:3]T SIDE 1, TSI NIBBLE BUS TO SMART SIGNAL PROCEESOR SLOT (NETWORK)

1SPPN[0:3]T SIDE 1, SMART SIGNAL PROCESSOR NET
1STKERR0 SIDE 1, STACK WRITE PROTECT ERROR
1STW0 SIDE 1, STS TEST SIGNAL
1SU0ERR0 SIDE 1, SUBUNIT 0 ERROR, ACTIVE LOW
1SU0S0 SIDE 1, SUBUNIT 0 SELECT, ACTIVE LOW

1SU0WT0 SIDE 1, SUBUNIT 0 WAIT, ACTIVE LOW
1SU1ERR0 SIDE 1, SP INTERRUPT LEAD
1SU1S0 SIDE 1, SP BOARD SELECT
1SU1WT0 SIDE 1, SP WAIT LINE

1SU2ERR0 SIDE 1, SUBUNIT 2 ERROR, ACTIVE LOW
1SU2S0 SIDE 1, SUBUNIT 2 SELECT, ACTIVE LOW
1SU2WT0 SIDE 1, SUBUNIT 2 WAIT, ACTIVE LOW
1SU3ERR0 SIDE 1, SUBUNIT 3 ERROR, ACTIVE LOW

1SU3S0 SIDE 1, SUBUNIT 3 SELECT, ACTIVE LOW
1SU3WT0 SIDE 1, SUBUNIT 3 WAIT, ACTIVE LOW
1SU4ERR0 SIDE 1, SPARE INTERRUPT
1SU4S0 SIDE 1, SPARE SELECT LEAD
1SU4WT0 SIDE 1, SPARE READY LEAD

DESIG DEFINITION

1SU5ERR0 SIDE 1, SPARE INTERRUPT
1SU5S0 SIDE 1, SPARE SELECT LEAD
1SU5WT0 SIDE 1, SPARE READY LEAD
1SU6ERR0 SIDE 1, SPARE INTERRUPT

1SU6S0 SIDE 1, SPARE SELECT LEAD
1SU6WT0 SIDE 1, SPARE READY LEAD
1SU7ERR0 SIDE 1, SPARE INTERRUPT
1SU7S0 SIDE 1, SPARE SELECT LEAD

1SU7WT0 SIDE 1, SPARE READY LEAD
1SUA1Z SIDE 1, SUBUNIT ADDRESS BIT 1
1SUA[2:6] SIDE 1, SUBUNIT ADDRESS BITS 2-6
1SUD[0:1]Z SIDE 1, SUBUNIT DATA BITS 0-1

1SUD[10:11]Z SIDE 1, SUBUNIT DATA BITS 10-11
1SUD[12:15] SIDE 1, SUBUNIT DATA BITS 12-15
1SUD[2:9] SIDE 1, SUBUNIT DATA BITS 2-9
1SURD0 SIDE 1, SUBUNIT READ, ACTIVE LOW

1SUWR0 SIDE 1, SUBUNIT WRITE, ACTIVE LOW
1SWAIT0 SIDE 1, SYSTEM WAIT
1SWR0 SIDE 1, SYSTEM WRITE
1SY6MS[0:1]0 SIDE 1, SYSTEM 6 MILLISECOND SYNC, ACTIVE LOW

1SY8KH[0:1]0 SIDE 1, SYSTEM 8 KHZ SYNC, ACTIVE LOW
1T2MHCI SIDE 1, 2MHZ CLOCK TO CI
1T6MSSP SIDE 1, 6 MILLISECOND SYNC FROM TSI TO SPI ACTIVE LOW
1T8KA0DI SIDE 1, 8 KHZ SYNC TO DI A

1T8KB0DI SIDE 1, 8 KHZ SYNC TO DI B
1T8MA0DI SIDE 1, 8 MHZ CLOCK TO DI A
1T8MB0DI SIDE 1, 8 MHZ CLOCK TO DI B
1T8MHSP SIDE 1, 8 MHZ CLOCK FROM TSI TO SP

1TA0ADDA SIDE 1, DI ADDRESS FROM TSI
1TA0ADDB SIDE 1, DI ADDRESS FROM TSI
1TA0ADDC SIDE 1, DI ADDRESS FROM TSI
1TA0ADDD SIDE 1, DI ADDRESS FROM TSI

1TA0DIS0 SIDE 1, TSI-BOARD SELECT FOR ODD/EVEN DI
1TAFOR0 SIDE 1, TERMINAL ACCESS FORCED
1TB0ADDA SIDE 1, DI ADDRESS FROM TSI
1TB0ADDB SIDE 1, DI ADDRESS FROM TSI

1TB0ADDC SIDE 1, DI ADDRESS FROM TSI
1TB0ADDD SIDE 1, DI ADDRESS FROM TSI
1TB0DIS0 SIDE 1, TSI-BOARD SELECT FOR ODD/EVEN DI
1THEN1 SIDE 1, TOTAL HOLD ENABLE LINE, ACTIVE HIGH

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

Copyright (C) 1996 AT&T
All Rights Reserved

MODULE CONTROLLER AND
TIME SLOT INTERCHANGE UNIT

DWG SIZE
C2

ISSUE
25B

AT&T

SD-5D094-01

SHEET
A8

PRINTED IN U.S.A

DESIGNATION MNEMONICS INDEX

DESIG

DEFINITION

1TN281 SIDE 1, TN28/TN56 MEMORY PLAN DISTINGUISHER
1TP[3:4]B SIDE 1, TEST POINTS
1TPA0DIA SIDE 1, P LEAD TO LOCAL DI
1TPB0DIA SIDE 1, P LEAD TO LOCAL DI

1TSHOLD0 SIDE 1, TEST SET HOLD
1TSIA[0:1]P SIDE 1, NIBBLE BUS DATA BIT P FROM TSI TO DLI LINKS A0
1TSIA[0:1]X SIDE 1, NIBBLE BUS DATA BIT X FROM TSI TO DLI LINKS A0
1TSIA[0:1]Y SIDE 1, NIBBLE BUS DATA BIT Y FROM TSI TO DLI LINKS A0

1TSIA[0:1]Z SIDE 1, NIBBLE BUS DATA BIT Z FROM TSI TO DLI LINKS A0
1TSIB[0:1]P SIDE 1, NIBBLE BUS DATA BIT P FROM TSI TO DLI LINKS B0
1TSIB[0:1]X SIDE 1, NIBBLE BUS DATA BIT X FROM TSI TO DLI LINKS B0
1TSIB[0:1]Y SIDE 1, NIBBLE BUS DATA BIT Y FROM TSI TO DLI LINKS B0

1TSIB[0:1]Z SIDE 1, NIBBLE BUS DATA BIT Z FROM TSI TO DLI LINKS B0
1TSINH0 SIDE 1, TEST SET INHIBIT
1TSPNN[0:3] SIDE 1, TSI RETURN NIBBLE BUS FROM SMART SIGNAL PROCESSOR SPARE SLOT
1TSPPN[0:3] SIDE 1, TSI RETURN NIBBLE BUS FROM SMART SIGNAL PROCESSOR SPARE SLOT

1TSREL0 SIDE 1, TEST SET RELEASE
1TXA0DID SIDE 1, TSI X DATA LEAD TO LOCAL DI
1TXB0DID SIDE 1, TSI X DATA LEAD TO LOCAL DI
1TYA0DIC SIDE 1, TSI Y DATA LEAD TO LOCAL DI

1TYB0DIC SIDE 1, TSI Y DATA LEAD TO LOCAL DI
1TZA0DIB SIDE 1, TSI Z DATA LEAD TO LOCAL DI
1TZB0DIB SIDE 1, TSI Z DATA LEAD TO LOCAL DI
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

1UPGO[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, CONTROL 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 SIDE 1, BUFFERED OUTPUT ENABLE
EXTRA[1:3] SIDE 1, EXTRA NET 1-3, BETWEEN SOFTWARE TEST SYSTEM (STS) AND FIELD TEST SET (FTS)

EUB0 EXPANDED UPDATE BUS
GRD GROUND

IOB[0:15] BI-DIRECTIONAL BUS BETWEEN SMART SIGNAL PROCESSOR SPARE SLOTS
PI48RTER -48 VOLT RETURN TN878 (FAST PUMP)
PIN0M PAUSE IN MINUS
PIN0P PAUSE IN PLUS

POUTM PAUSE OUT MINUS
POUTP PAUSE OUT PLUS
RESETSU0 RESET SLAVE NON-INTERFERING UNIT
SPARE[00:46] SPARE NETS
SPARE[057,060] SPARE NETS

DESIG

DEFINITION

SPARE[110,121] SPARE NETS
SPARE166 SPARE NET
SPARE[55:61] SPARE NETS
SPARE[91:97] SPARE NETS

TERRCV TERMINAL RECEIVE
TERTNS TERMINAL TRANSMIT
TESTPT01 TEST POINT
TESTPT05 TEST POINT

TESTPT[07:08] TEST POINTS
TESTPT13 TEST POINT
TESTPT16 TEST POINT
TESTPT18 TEST POINT

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

TSRD0 TEST SET READ
TSTP[004:007] TEST POINTS
TSTP[011:014] TEST POINTS
TSTP[049:056] TEST POINTS

TSTP066 TEST POINT
TSTP[086:094] TEST POINTS
TSTP195 TEST POINTS
TSWR0 TEST SET WRITE

UA[1:24] UPDATE ADDRESS BITS 1-24
UA25 UPDATE ADDRESS BUS 25
UA26 UPDATE ADDRESS BUS 26
UADCLKB UPDATE ADDRESS CLOCK
UBHE0 UPDATE BYTE HIGH ENABLE
UBLE0 UPDATE BYTE LOW ENABLE

UD[0:15] UPDATE BUS BITS 0-15
UEAPAR UPDATE EXTENDED ADDRESS PARITY
UHAPAR UPDATE HIGH, ADDRESS PARITY
UHDPAR UPDATE HIGH, LOW DATA PARITY

ULAPAR UPDATE LOW ADDRESS PARITY
ULDPAR UPDATE LOW DATA PARITY
UNRCV UNIX RECEIVE
UNTNS UNIX TRANSMIT

URD0 UPDATE READ
UWAIT0 UPDATE WAIT
UWR0 UPDATE WRITE

Copyright (C) 1996 AT&T
All Rights Reserved

MODULE CONTROLLER AND
TIME SLOT INTERCHANGE UNIT

DWG SIZE
C2

ISSUE
26B

AT&T

SD-5D094-01

SHEET
A9

PRINTED IN U.S.A

A	+5V13LC0	0DI0	13-048	032	P	VCC	B35/F2	+5V13LC1	1CP	13-180	145	P	+5	B54/F3	*	-48VC1	1CONTDIS	13-172	108	P	-48V	B53/F2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							</
---	----------	------	--------	-----	---	-----	--------	----------	-----	--------	-----	---	----	--------	---	--------	----------	--------	-----	---	------	--------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

0123456789									
A	7 LEAD INDEX (CONTINUED)								A
	LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT		
	004MC9N	0DI0	13-048	142	0 94MCN	B35/F2	*		
	004MC9P	0DI0	13-048	042	0 94MCP	B35/F2	*		
	008KS0N	0DI0	13-048	103	0 08KSN	B35/F2	*		
	008KS0P	0DI0	13-048	003	0 08KSP	B35/F2	*		
	008KS10N	0DI0	13-048	148	0 108KSN	B35/F2	*		
	008KS10P	0DI0	13-048	048	0 108KSP	B35/F2	*		
	008KS11N	0DI0	13-048	154	0 118KSN	B35/F2	*		
	008KS11P	0DI0	13-048	054	0 118KSP	B35/F2	*		
	008KS12N	0DI0	13-048	335	0 128KSN	B35/F2	*		
	008KS12P	0DI0	13-048	235	0 128KSP	B35/F2	*		
B	8 LEAD INDEX (CONTINUED)								B
	LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT		
	00C16N	0CI0	13-030	454	0 C16N	B33/F0	*		
	00C16P	0CI0	13-030	554	0 C16P	B33/F0	*		
	00C17N	0CI0	13-030	448	0 C17N	B33/F0	*		
	00C17P	0CI0	13-030	548	0 C17P	B33/F0	*		
	00C18N	0CI0	13-030	441	0 C18N	B33/F0	*		
	00C18P	0CI0	13-030	541	0 C18P	B33/F0	*		
	00C19N	0CI0	13-030	435	0 C19N	B33/F0	*		
	00C19P	0CI0	13-030	535	0 C19P	B33/F0	*		
	00C1N	0CI0	13-030	048	0 C1N	B33/F0	*		
	00C1P	0CI0	13-030	148	0 C1P	B33/F0	*		
C	9 LEAD INDEX (CONTINUED)								C
	LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT		
	00ID17N	0CI0	13-030	450	I ID17N	B33/F0	*		
	00ID17P	0CI0	13-030	550	I ID17P	B33/F0	*		
	00ID18N	0CI0	13-030	443	I ID18N	B33/F0	*		
	00ID18P	0CI0	13-030	543	I ID18P	B33/F0	*		
	00ID19N	0CI0	13-030	437	I ID19N	B33/F0	*		
	00ID19P	0CI0	13-030	537	I ID19P	B33/F0	*		
	00ID1N	0CI0	13-030	050	I ID1N	B33/F0	*		
	00ID1P	0CI0	13-030	150	I ID1P	B33/F0	*		
	00ID20N	0CI0	13-030	424	I ID20N	B33/F0	*		
	00ID20P	0CI0	13-030	524	I ID20P	B33/F0	*		
D	7 LEAD INDEX (CONTINUED)								D
	LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT		
	004MC9N	0DI0	13-048	142	0 94MCN	B35/F2	*		
	004MC9P	0DI0	13-048	042	0 94MCP	B35/F2	*		
	008KS0N	0DI0	13-048	103	0 08KSN	B35/F2	*		
	008KS0P	0DI0	13-048	003	0 08KSP	B35/F2	*		
	008KS10N	0DI0	13-048	148	0 108KSN	B35/F2	*		
	008KS10P	0DI0	13-048	048	0 108KSP	B35/F2	*		
	008KS11N	0DI0	13-048	154	0 118KSN	B35/F2	*		
	008KS11P	0DI0	13-048	054	0 118KSP	B35/F2	*		
	008KS12N	0DI0	13-048	335	0 128KSN	B35/F2	*		
	008KS12P	0DI0	13-048	235	0 128KSP	B35/F2	*		
E	8 LEAD INDEX (CONTINUED)								E
	LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT		
	00C16N	0CI0	13-030	454	0 C16N	B33/F0	*		
	00C16P	0CI0	13-030	554	0 C16P	B33/F0	*		
	00C17N	0CI0	13-030	448	0 C17N	B33/F0	*		
	00C17P	0CI0	13-030	548	0 C17P	B33/F0	*		
	00C18N	0CI0	13-030	441	0 C18N	B33/F0	*		
	00C18P	0CI0	13-030	541	0 C18P	B33/F0	*		
	00C19N	0CI0	13-030	435	0 C19N	B33/F0	*		
	00C19P	0CI0	13-030	535	0 C19P	B33/F0	*		
	00C1N	0CI0	13-030	048	0 C1N	B33/F0	*		
	00C1P	0CI0	13-030	148	0 C1P	B33/F0	*		
F	9 LEAD INDEX (CONTINUED)								F
	LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT		
	00ID17N	0CI0	13-030	450	I ID17N	B33/F0	*		
	00ID17P	0CI0	13-030	550	I ID17P	B33/F0	*		
	00ID18N	0CI0	13-030	443	I ID18N	B33/F0	*		
	00ID18P	0CI0	13-030	543	I ID18P	B33/F0	*		
	00ID19N	0CI0	13-030	437	I ID19N	B33/F0	*		
	00ID19P	0CI0	13-030	537	I ID19P	B33/F0	*		
	00ID1N	0CI0	13-030	050	I ID1N	B33/F0	*		
	00ID1P	0CI0	13-030	150	I ID1P	B33/F0	*		
	00ID20N	0CI0	13-030	424	I ID20N	B33/F0	*		
	00ID20P	0CI0	13-030	524	I ID20P	B33/F0	*		
G	7 LEAD INDEX (CONTINUED)								G
	LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT		
	004MC9N	0DI0	13-048	142	0 94MCN	B35/F2	*		
	004MC9P	0DI0	13-048	042	0 94MCP	B35/F2	*		
	008KS0N	0DI0	13-048	103	0 08KSN	B35/F2	*		
	008KS0P	0DI0	13-048	003	0 08KSP	B35/F2	*		
	008KS10N	0DI0	13-048	148	0 108KSN	B35/F2	*		
	008KS10P	0DI0	13-048	048	0 108KSP	B35/F2	*		
	008KS11N	0DI0	13-048	154	0 118KSN	B35/F2	*		
	008KS11P	0DI0	13-048	054	0 118KSP	B35/F2	*		
	008KS12N	0DI0	13-048	335	0 128KSN	B35/F2	*		
	008KS12P	0DI0	13-048	235	0 128KSP	B35/F2	*		
H	8 LEAD INDEX (CONTINUED)								H
	LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT		
	00C16N	0CI0	13-030	454	0 C16N	B33/F0	*		
	00C16P	0CI0	13-030	554	0 C16P	B33/F0	*		
	00C17N	0CI0	13-030	448	0 C17N	B33/F0	*		
	00C17P	0CI0	13-030	548	0 C17P	B33/F0	*		
	00C18N	0CI0	13-030	441	0 C18N	B33/F0	*		
	00C18P	0CI0	13-030	541	0 C18P	B33/F0	*		
	00C19N	0CI0	13-030	435	0 C19N	B33/F0	*		
	00C19P	0CI0	13-030	535	0 C19P	B33/F0	*		
	00C1N	0CI0	13-030	048	0 C1N	B33/F0	*		
	00C1P	0CI0	13-030	148	0 C1P	B33/F0	*		
A	9 LEAD INDEX (CONTINUED)								A
	LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT		
	00ID17N	0CI0	13-030	450	I ID17N	B33/F0	*		
	00ID17P	0CI0	13-030	550	I ID17P	B33/F0	*		
	00ID18N	0CI0	13-030	443	I ID18N	B33/F0	*		
	00ID18P	0CI0	13-030	543	I ID18P	B33/F0	*		
	00ID19N	0CI0	13-030	437	I ID19N	B33/F0	*		
	00ID19P	0CI0	13-030	537	I ID19P	B33/F0	*		
	00ID1N	0CI0	13-030	050	I ID1N	B33/F0	*		
	00ID1P	0CI0	13-030	150	I ID1P	B33/F0	*		
	00ID20N	0CI0	13-030	424	I ID20N	B33/F0	*		
	00ID20P	0CI0	13-030	524	I ID20P	B33/F0	*		
B	7 LEAD INDEX (CONTINUED)								B
	LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT		
	004MC9N	0DI0	13-048	142	0 94MCN	B35/F2	*		
	004MC9P	0DI0	13-048	042	0 94MCP	B35/F2	*		
	008KS0N	0DI0	13-048	103	0 08KSN	B35/F2	*		
	008KS0P	0DI0	13-048	003	0 08KSP	B35/F2	*		
	008KS10N	0DI0	13-048	148	0 108KSN	B35/F2	*		
	008KS10P	0DI0	13-048	048	0 108KSP	B35/F2	*		
	008KS11N	0DI0	13-048	154	0 118KSN	B35/F2	*		
	008KS11P	0DI0	13-048	054	0 118KSP	B35/F2	*		
	008KS12N	0DI0	13-048	335	0 128KSN	B35/F2	*		
	008KS12P	0DI0	13-048	235	0 128KSP	B35/F2	*		
C	8 LEAD INDEX (CONTINUED)								C
	LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT		
	00C16N	0CI0	13-030	454	0 C16N	B33/F0	*		
	00C16P	0CI0	13-030	554	0 C16P	B33/F0	*		
	00C17N	0CI0	13-030	448	0 C17N	B33/F0	*		
	00C17P	0CI0	13-030	548	0 C17P	B33/F0	*		
	00C18N	0CI0	13-030	441	0 C18N	B33/F0	*		
	00C18P	0CI0	13-030	541	0 C18P	B33/F0	*		
	00C19N	0CI0	13-030	435	0 C19N	B33/F0	*		
	00C19P	0CI0	13-030	535	0 C19P	B33/F0	*		
	00C1N	0CI0	13-030	048	0 C1N	B33/F0	*		
	00C1P	0CI0	13-030	148	0 C1P	B33/F0	*		
D	9 LEAD INDEX (CONTINUED)								D
	LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT		
	00ID17N	0CI0	13-030	450	I ID17N	B33/F0	*		
	00ID17P	0CI0	13-030	550	I ID17P	B33/F0	*		
	00ID18N	0CI0	13-030	443	I ID18N	B33/F0	*		
	00ID18P	0CI0	13-030	543	I ID18P	B33/F0	*		
	00ID19N	0CI0	13-030	437	I ID19N	B33/F0	*		
	00ID19P	0CI0	13-030	537	I ID19P	B33/F0	*		
	00ID1N	0CI0	13-030	050	I ID1N	B33/F0	*		
	00ID1P	0CI0	13-030	150	I ID1P	B33/F0	*		
	00ID20N	0CI0	13-030	424	I ID20N	B33/F0	*		
	00ID20P	0CI0	13-030	524	I ID20P	B33/F0	*		
E	7 LEAD INDEX (CONTINUED)								E
	LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT		
	004MC9N	0DI0	13-048	142	0 94MCN	B35/F2	*		
	004MC9P	0DI0	13-048	042	0 94MCP	B35/F2	*		
	008KS0N	0DI0	13-048	103	0 08KSN	B35/F2	*		
	008KS0P	0DI0	13-048	003	0 08KSP	B35/F2	*		
	008KS10N	0DI0	13-048	148	0 108KSN	B35/F2	*		
	008KS10P	0DI0	13-048	048	0 108KSP	B35/F2	*		
	008KS11N	0DI0	13-048	154	0 118KSN	B35/F2	*		
	008KS11P	0DI0	13-048	054	0 118KSP	B35/F2	*		
	008KS12N	0DI0	13-048	335	0 128KSN	B35/F2	*		
	008KS12P	0DI0	13-048	235	0 128KSP	B35/F2	*		
F	8 LEAD INDEX (CONTINUED)								F
	LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT		
	00C16N	0CI0	13-030	454	0 C16N	B33/F0	*		
	00C16P	0CI0	13-030	554	0 C16P	B33/F0	*		
	00C17N	0CI0	13-030	448	0 C17N	B33/F0	*		
	00C17P	0CI0	13-030	548	0 C17P	B33/F0	*		
	00C18N	0CI0	13-030	441	0 C18N	B33/F0	*		
	00C18P	0CI0	13-030	541	0 C18P	B33/F0	*		
	00C19N	0CI0	13-030	435	0 C19N	B33/F0	*		
	00C19P	0CI0	13-030	535	0 C19P	B33/F0	*		
	00C1N	0CI0	13-030	048	0 C1N	B33/F0	*		
	00C1P	0CI0	13-030	148	0 C1P	B33/F0	*		
G	9 LEAD INDEX (CONTINUED)								G
	LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT		
	00ID17N	0CI0	13-030	450	I ID17N	B33/F0	*		
	00ID17P	0CI0	13-030	550	I ID17P	B33/F0	*		
	00ID18N	0CI0	13-030	443	I ID18N	B33/F0	*		
	00ID18								

	0	1	2	3	4	5	6	7	8	9	
A											A
B	10 LEAD INDEX (CONTINUED)										B
	LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT		
	00INT17P	0CI0		13-030	546	I	NINT17P	B33/F0	*		
	00INT18P	0CI0		13-030	539	I	NINT18P	B33/F0	*		
	00INT19P	0CI0		13-030	533	I	NINT19P	B33/F0	*		
	00INT1P	0CI0		13-030	146	I	NINT1P	B33/F0	*		
	00INT20P	0CI0		13-030	520	I	NINT20P	B33/F0	*		
	00INT21P	0CI0		13-030	514	I	NINT21P	B33/F0	*		
	00INT22P	0CI0		13-030	507	I	NINT22P	B33/F0	*		
	00INT2P	0CI0		13-030	139	I	NINT2P	B33/F0	*		
C	11 LEAD INDEX (CONTINUED)										C
	LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT		
	000D3P	0CI0		13-030	136	O	0D3P	B33/F0	*		
	000D4N	0CI0		13-030	023	O	0D4N	B33/F0	*		
	000D4P	0CI0		13-030	123	O	0D4P	B33/F0	*		
	000D5N	0CI0		13-030	017	O	0D5N	B33/F0	*		
	000D5P	0CI0		13-030	117	O	0D5P	B33/F0	*		
	000D6N	0CI0		13-030	010	O	0D6N	B33/F0	*		
	000D6P	0CI0		13-030	110	O	0D6P	B33/F0	*		
	000D7N	0CI0		13-030	004	O	0D7N	B33/F0	*		
D	12 LEAD INDEX (CONTINUED)										D
	LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT		
	00PB010P	0DI0		13-048	046	O	10PB0P	B35/F2	*		
	00PB011N	0DI0		13-048	152	O	11PB0N	B35/F2	*		
	00PB011P	0DI0		13-048	052	O	11PB0P	B35/F2	*		
	00PB012N	0DI0		13-048	333	O	12PB0N	B35/F2	*		
	00PB012P	0DI0		13-048	233	O	12PB0P	B35/F2	*		
	00PB013N	0DI0		13-048	339	O	13PB0N	B35/F2	*		
	00PB013P	0DI0		13-048	239	O	13PB0P	B35/F2	*		
	00PB014N	0DI0		13-048	346	O	14PB0N	B35/F2	*		
E	000D0N	0CI0		13-030	055	O	0D0N	B33/F0	*	E	
	000D0P	0CI0		13-030	155	O	0D0P	B33/F0	*		
	000D10N	0CI0		13-030	242	O	0D10N	B33/F0	*		
	000D10P	0CI0		13-030	342	O	0D10P	B33/F0	*		
	000D11N	0CI0		13-030	236	O	0D11N	B33/F0	*		
	000D11P	0CI0		13-030	336	O	0D11P	B33/F0	*		
	000D12N	0CI0		13-030	223	O	0D12N	B33/F0	*		
	000D12P	0CI0		13-030	323	O	0D12P	B33/F0	*		
	000D13N	0CI0		13-030	217	O	0D13N	B33/F0	*		
	000D13P	0CI0		13-030	317	O	0D13P	B33/F0	*		
F	000D14N	0CI0		13-030	210	O	0D14N	B33/F0	*	F	
	000D14P	0CI0		13-030	310	O	0D14P	B33/F0	*		
	000D15N	0CI0		13-030	204	O	0D15N	B33/F0	*		
	000D15P	0CI0		13-030	304	O	0D15P	B33/F0	*		
	000D16N	0CI0		13-030	455	O	0D16N	B33/F0	*		
	000D16P	0CI0		13-030	555	O	0D16P	B33/F0	*		
	000D17N	0CI0		13-030	449	O	0D17N	B33/F0	*		
	000D17P	0CI0		13-030	549	O	0D17P	B33/F0	*		
	000D18N	0CI0		13-030	442	O	0D18N	B33/F0	*		
	000D18P	0CI0		13-030	542	O	0D18P	B33/F0	*		
G	000D19N	0CI0		13-030	436	O	0D19N	B33/F0	*	G	
	000D19P	0CI0		13-030	536	O	0D19P	B33/F0	*		
	000D1N	0CI0		13-030	049	O	0D1N	B33/F0	*		
	000D1P	0CI0		13-030	149	O	0D1P	B33/F0	*		
	000D20N	0CI0		13-030	423	O	0D20N	B33/F0	*		
	000D20P	0CI0		13-030	523	O	0D20P	B33/F0	*		
	000D21N	0CI0		13-030	417	O	0D21N	B33/F0	*		
	000D21P	0CI0		13-030	517	O	0D21P	B33/F0	*		
	000D22N	0CI0		13-030	410	O	0D22N	B33/F0	*		
	000D22P	0CI0		13-030	510	O	0D22P	B33/F0	*		
H	000D2N	0CI0		13-030	042	O	0D2N	B33/F0	*	H	
	000D2P	0CI0		13-030	142	O	0D2P	B33/F0	*		
	000D3N	0CI0		13-030	036	O	0D3N	B33/F0	*		
	0	1	2	3	4	5	6	7	8	9	

Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT		DWG SIZE C2
AT&T		ISSUE 25B
SD-5D094-01		SHEET A13

PRINTED IN U.S.A.

Copyright (C) 1996 AT&T
All Rights Reserved

MODULE CONTROLLER AND
TIME SLOT INTERCHANGE UNIT

DWG SIZE
C2

ISSUE
25B

AT&T

SD-5D094-01

SHEET
A13

PRINTED IN U.S.A.

0										1										2										3										4										5										6										7										8										9											
A	13																														14																														15																														A										
	LEAD INDEX (CONTINUED)																														LEAD INDEX (CONTINUED)																														LEAD INDEX (CONTINUED)																																								
	LDESIG			FDESIG			ELI			EQL			TRMNO			FN			TRMMOD			SYMLOC			XT			LDESIG			FDESIG			ELI			EQL			TRMNO			FN			TRMMOD			SYMLOC			XT			LDESIG			FDESIG			ELI			EQL			TRMNO			FN			TRMMOD			SYMLOC			XT																						
	00PRTS0N			0PI						13-070			137			IO			00PRTS0N			B38/E0						00S1N			0CI0						13-030			047			0			S1N			B33/F0			*			014MC5P			0DI1						13-040			210			0			54MCP			B34/F3			*																						
B	00PRTS0N			0PI						13-070			535			IO			00PRTS0N			B38/E0						00S1P			0CI0						13-030			147			0			S1P			B33/F0			*			014MC6N			0DI1						13-040			317			0			64MCN			B34/F3			*																						
	00PRTS0N			TFD13075						13-075			035			IO			00PRTS0N			B39/D5						00S20N			0CI0						13-030			421			0			S20N			B33/F0			*			014MC6P			0DI1						13-040			217			0			64MCP			B34/F3			*																						
	00PRTS0P			0PI						13-070			037			IO			00PRTS0P			B38/E0						00S20P			0CI0						13-030			521			0			S20P			B33/F0			*			014MC7N			0DI1						13-040			323			0			74MCN			B34/F3			*																						
	00PRTS0P			0PI						13-070			435			IO			00PRTS0P			B38/E0						00S21N			0CI0						13-030			415			0			S21N			B33/F0			*			014MC7P			0DI1						13-040			223			0			74MCP			B34/F3			*																						
C	00PRTS0P			TFD13074						13-074			035			IO			00PRTS0P			B39/D1						00S21P			0CI0						13-030			515			0			S21P			B33/F0			*			014MC8N			0DI1						13-040			136			0			84MCN			B34/F3			*																						
	00PRXC1N			0PI						13-070			140			IO			00PRXC1N			B38/E0						00S22N			0CI0						13-030			408			0			S22N			B33/F0			*			014MC8P			0DI1						13-040			036			0			84MCP			B34/F3			*																						
	00PRXC1N			0PI						13-070			537			IO			00PRXC1N			B38/E0						00S22P			0CI0						13-030			508			0			S22P			B33/F0			*			014MC9N			0DI1						13-040			142			0			94MCN			B34/F3			*																						
	00PRXC1N			TFD13075						13-075			037			IO			00PRXC1N			B39/D5						00S2N			0CI0						13-030			040			0			S2N			B33/F0			*			014MC9P			0DI1						13-040			042			0			94MCP			B34/F3			*																						
D	00PRXD0N			0PI						13-070			138			IO			00PRXD0N			B38/E0						00S2P			0CI0						13-030			140			0			S2P			B33/F0			*			018KS0N			0DI1						13-040			103			0			08KSN			B34/F3			*																						
	00PRXD0N			TFD13075						13-075			036			IO			00PRXD0N			B39/D5						00S3N			0CI0						13-030			034			0			S3N			B33/F0			*			018KS0P			0DI1						13-040			003			0			08KSP			B34/F3			*																						
	00PRXD0P			0PI						13-070			038			IO			00PRD02P			B38/E0						00S3P			0CI0						13-030			134			0			S3P			B33/F0			*			018KS10N			0DI1						13-040			148			0			108KSN			B34/F3			*																						
	00PRXD0P			TFD13074						13-074			036			IO			00PRXD0P			B39/D1						00S4N			0CI0						13-030			021			0			S4N			B33/F0			*			018KS10P			0DI1						13-040			048			0			108KSP			B34/F3			*																						
E	00PTD02N			0PI						13-070			142			IO			00PTD02N			B38/E0						00S4P			0CI0						13-030			121			0			S4P			B33/F0			*			018KS11N			0DI1						13-040			154			0			118KSN			B34/F3			*																						
	00PTD02N			0PI						13-070			539			IO			00PTD02N			B38/E0						00S5N			0CI0						13-030			015			0			S5N			B33/F0			*			018KS11P			0DI1						13-040			054			0			118KSP			B34/F3			*																						
	00PTD02P			0PI						13-070			042			IO			00PTD02P			B38/E0						00S5P			0CI0						13-030			115			0			S5P			B33/F0			*			018KS12N			0DI1						13-040			335			0			128KSN			B34/F3			*																						
	00PTD02P			0PI						13-070			439			IO			00PTD02P			B38/E0						00S6N			0CI0						13-030			008			0			S6N			B33/F0			*			018KS12P			0DI1						13-040			235			0			128KSP			B34/F3			*																						
F	00PTD13N			0PI						13-070			143			IO			00PTD13N			B38/E0						00S6P			0CI0						13-030			108			0			S6P			B33/F0			*			018KS13N			0DI1						13-040			341			0			138KSN			B34/F3			*																						
	00PTD13N			0PI						13-070			540			IO			00PTD13N			B38/E0						00S7N			0CI0						13-030			002			0			S7N			B33/F0			*			018KS13P			0DI1						13-040			241			0			138KSP			B34/F3			*																						
	00PTD13P			0PI						13-070			043			IO			00PTD13P			B38/E0						00S7P			0CI0						13-030			102			0			S7P			B33/F0			*			018KS14N			0DI1						13-040			348			0			148KSN			B34/F3			*																						
	00PTD13P			0PI						13-070			440			IO			00PTD13P			B38/E0						00S8N			0CI0						13-030			253			0			S8N			B33/F0			*			018KS14P			0DI1						13-040			248			0			148KSP			B34/F3			*																						
G	00PTXC0N			0PI						13-070			135			IO			00PTXC0N			B38/E0						00S8P			0CI0						13-030			353			0			S8P			B33/F0			*			018KS15N			BTSR			04-100			155			I			08KSN			B16/F3																												
	00PTXC0N			0PI						13-070			533			IO			00PTXC0N			B38/E0						00S9N			0CI0						13-030			247			0			S9N			B33/F0			*			018KS15N			0DI1			13-040			354			0			158KSN			B34/F3																												
	00PTXC0N			TFD13075						13-075			033			IO			00PTXC0N			B39/D5						00S9P			0CI0						13-030			347			0			S9P			B33/F0			*			018KS15P			BTSR			04-100			055			I			08KSP			B16/F3																												
	00PTXC0N			TFD13075						13-075			033			IO			00PTXC0N			B39/D5						014MC0N			0DI1						13-040			104			0			04MCN			B34/F3			*			018KS15P			0DI1			13-040			254			0			158KSP			B34/F3																												
H	00PTXC0P			0PI						13-070			035			IO			00PTXC0P			B38/E0						014MC0P			0DI1						13-040			004			0			04MCP			B34/F3			*			018KS1N			0DI1						13-040			109			0			18KSN			B34/F3			*																						
	00PTXC0P			0PI						13-070			433			IO			00PTXC0P			B38/E0						014MC10N			0DI1						13-040			149			0			104MCN			B34/F3			*			018KS1P			0DI1						13-040			009			0			18KSP			B34/F3			*																						
	00PTXC0P			TFD13074						13-074			033			IO			00PTXC0P			B39/D1						014MC10P			0DI1						13-040			049			0			104MCP			B34/F3			*			018KS2N			0DI1						13-040			116			0			28KSN			B34/F3			*																						
	00PTXD1N			0PI						13-070			134			IO			00PTXD1N			B38/E0						014MC10P			0DI1						13-040			049			0			104MCP			B34/F3			*			018KS2P			0DI1						13-040			016			0			28KSP			B34/F3			*																						
I	00PTXD1N			0PI						13-070			532			IO			00PTXD1N			B38/E0						014MC																																																																									

0										1										2										3										4										5										6										7										8										9																			
A	16 LEAD INDEX (CONTINUED)																																				17 LEAD INDEX (CONTINUED)																																				18 LEAD INDEX (CONTINUED)																																				A
	LDESIG FDESIG ELI EQL TRMNO FN TRMMOD SYMLOC XT																																				LDESIG FDESIG ELI EQL TRMNO FN TRMMOD SYMLOC XT																																				LDESIG FDESIG ELI EQL TRMNO FN TRMMOD SYMLOC XT																																				
	018KS8N 0DI1 13-040 135 0 88KSN B34/F3 *																																				01C9N 0CI1 13-022 248 0 C9N B32/F0 *																																				01INT0P 0CI1 13-022 152 I NINT0P B32/F0 *																																				
	018KS8P 0DI1 13-040 035 0 88KSP B34/F3 *																																				01C9P 0CI1 13-022 348 0 C9P B32/F0 *																																				01INT10P 0CI1 13-022 339 I NINT10P B32/F0 *																																				
	018KS9N 0DI1 13-040 141 0 98KSN B34/F3 *																																				01ID0N 0CI1 13-022 056 I ID0N B32/F0 *																																				01INT11P 0CI1 13-022 333 I NINT11P B32/F0 *																																				
	018KS9P 0DI1 13-040 041 0 98KSP B34/F3 *																																				01ID0P 0CI1 13-022 156 I ID0P B32/F0 *																																				01INT12P 0CI1 13-022 320 I NINT12P B32/F0 *																																				
	01C0N 0CI1 13-022 054 0 C0N B32/F0 *																																				01ID10N 0CI1 13-022 243 I ID10N B32/F0 *																																				01INT13P 0CI1 13-022 314 I NINT13P B32/F0 *																																				
	01C0P 0CI1 13-022 154 0 C0P B32/F0 *																																				01ID10P 0CI1 13-022 343 I ID10P B32/F0 *																																				01INT14P 0CI1 13-022 307 I NINT14P B32/F0 *																																				
	01C10N 0CI1 13-022 241 0 C10N B32/F0 *																																				01ID11N 0CI1 13-022 237 I ID11N B32/F0 *																																				01INT15P 0CI1 13-022 301 I NINT15P B32/F0 *																																				
	01C10P 0CI1 13-022 341 0 C10P B32/F0 *																																				01ID11P 0CI1 13-022 337 I ID11P B32/F0 *																																				01INT16P 0CI1 13-022 552 I NINT16P B32/F0 *																																				
B	01C11N 0CI1 13-022 235 0 C11N B32/F0 *																																				01ID12N 0CI1 13-022 224 I ID12N B32/F0 *																																				01INT17P 0CI1 13-022 546 I NINT17P B32/F0 *																																				
	01C11P 0CI1 13-022 335 0 C11P B32/F0 *																																				01ID12P 0CI1 13-022 324 I ID12P B32/F0 *																																				01INT18P 0CI1 13-022 539 I NINT18P B32/F0 *																																				
	01C12N 0CI1 13-022 222 0 C12N B32/F0 *																																				01ID13N 0CI1 13-022 218 I ID13N B32/F0 *																																				01INT19P 0CI1 13-022 533 I NINT19P B32/F0 *																																				
	01C12P 0CI1 13-022 322 0 C12P B32/F0 *																																				01ID13P 0CI1 13-022 318 I ID13P B32/F0 *																																				01INT1P 0CI1 13-022 146 I NINT1P B32/F0 *																																				
	01C13N 0CI1 13-022 216 0 C13N B32/F0 *																																				01ID14N 0CI1 13-022 211 I ID14N B32/F0 *																																				01INT20P 0CI1 13-022 520 I NINT20P B32/F0 *																																				
	01C13P 0CI1 13-022 316 0 C13P B32/F0 *																																				01ID14P 0CI1 13-022 311 I ID14P B32/F0 *																																				01INT21P 0CI1 13-022 514 I NINT21P B32/F0 *																																				
	01C14N 0CI1 13-022 209 0 C14N B32/F0 *																																				01ID15N 0CI1 13-022 205 I ID15N B32/F0 *																																				01INT22P 0CI1 13-022 507 I NINT22P B32/F0 *																																				
	01C14P 0CI1 13-022 309 0 C14P B32/F0 *																																				01ID15P 0CI1 13-022 305 I ID15P B32/F0 *																																				01INT2P 0CI1 13-022 139 I NINT2P B32/F0 *																																				
	01C15N 0CI1 13-022 203 0 C15N B32/F0 *																																				01ID16N 0CI1 13-022 456 I ID16N B32/F0 *																																				01INT3P 0CI1 13-022 133 I NINT3P B32/F0 *																																				
	01C15P 0CI1 13-022 303 0 C15P B32/F0 *																																				01ID16P 0CI1 13-022 556 I ID16P B32/F0 *																																				01INT4P 0CI1 13-022 120 I NINT4P B32/F0 *																																				
C	01C16N 0CI1 13-022 454 0 C16N B32/F0 *																																				01ID17N 0CI1 13-022 450 I ID17N B32/F0 *																																				01INT5P 0CI1 13-022 114 I NINT5P B32/F0 *																																				
	01C16P 0CI1 13-022 554 0 C16P B32/F0 *																																				01ID17P 0CI1 13-022 550 I ID17P B32/F0 *																																				01INT6P 0CI1 13-022 107 I NINT6P B32/F0 *																																				
	01C17N 0CI1 13-022 448 0 C17N B32/F0 *																																				01ID18N 0CI1 13-022 443 I ID18N B32/F0 *																																				01INT7P 0CI1 13-022 101 I NINT7P B32/F0 *																																				
	01C17P 0CI1 13-022 548 0 C17P B32/F0 *																																				01ID18P 0CI1 13-022 543 I ID18P B32/F0 *																																				01INT8P 0CI1 13-022 352 I NINT8P B32/F0 *																																				
	01C18N 0CI1 13-022 441 0 C18N B32/F0 *																																				01ID19N 0CI1 13-022 437 I ID19N B32/F0 *																																				01INT9P 0CI1 13-022 346 I NINT9P B32/F0 *																																				
	01C18P 0CI1 13-022 541 0 C18P B32/F0 *																																				01ID19P 0CI1 13-022 537 I ID19P B32/F0 *																																				01OD0N 0CI1 13-022 055 0 OD0N B32/F0 *																																				
	01C19N 0CI1 13-022 435 0 C19N B32/F0 *																																				01ID1N 0CI1 13-022 050 I ID1N B32/F0 *																																				01OD0P 0CI1 13-022 155 0 OD0P B32/F0 *																																				
	01C19P 0CI1 13-022 535 0 C19P B32/F0 *																																				01ID1P 0CI1 13-022 150 I ID1P B32/F0 *																																				01OD10N 0CI1 13-022 242 0 OD10N B32/F0 *																																				
	01C1N 0CI1 13-022 048 0 C1N B32/F0 *																																				01ID20N 0CI1 13-022 424 I ID20N B32/F0 *																																				01OD10P 0CI1 13-022 342 0 OD10P B32/F0 *																																				
	01C1P 0CI1 13-022 148 0 C1P B32/F0 *																																				01ID20P 0CI1 13-022 524 I ID20P B32/F0 *																																				01OD11N 0CI1 13-022 236 0 OD11N B32/F0 *																																				
D	01C20N 0CI1 13-022 422 0 C20N B32/F0 *																																				01ID21N 0CI1 13-022 418 I ID21N B32/F0 *																																				01OD11P 0CI1 13-022 336 0 OD11P B32/F0 *																																				
	01C20P 0CI1 13-022 522 0 C20P B32/F0 *																																				01ID21P 0CI1 13-022 518 I ID21P B32/F0 *																																				01OD12N 0CI1 13-022 223 0 OD12N B32/F0 *																																				
	01C21N 0CI1 13-022 416 0 C21N B32/F0 *																																				01ID22N 0CI1 13-022 411 I ID22N B32/F0 *																																				01OD12P 0CI1 13-022 323 0 OD12P B32/F0 *																																				
	01C21P 0CI1 13-022 516 0 C21P B32/F0 *																																				01ID22P 0CI1 13-022 511 I ID22P B32/F0 *																																				01OD13N 0CI1 13-022 217 0 OD13N B32/F0 *																																				
	01C22N 0CI1 13-022 409 0 C22N B32/F0 *																																				01ID2N 0CI1 13-022 043 I ID2N B32/F0 *																																				01OD13P 0CI1 13-022 317 0 OD13P B32/F0 *																																				
	01C22P 0CI1 13-022 509 0 C22P B32/F0 *																																				01ID2P 0CI1 13-022 143 I ID2P B32/F0 *																																				01OD14N 0CI1 13-022 210 0 OD14N B32/F0 *																																				
	01C2N 0CI1 13-022 041 0 C2N B32/F0 *																																				01ID3N 0CI1 13-022 037 I ID3N B32/F0 *																																				01OD14P 0CI1 13-022 310 0 OD14P B32/F0 *																																				
	01C2P 0CI1 13-022 141 0 C2P B32/F0 *																																				01ID3P 0CI1 13-022 137 I ID3P B32/F0 *																																				01OD15N 0CI1 13-022 204 0 OD15N B32/F0 *																																				
	01C3N 0CI1 13-022 035 0 C3N B32/F0 *																																				01ID4N 0CI1 13-022 024 I ID4N B32/F0 *																																				01OD15P 0CI1 13-022 304 0 OD15P B32/F0 *																																				
	01C3P 0CI1 13-022 135 0 C3P B32/F0 *																																				01ID4P 0CI1 13-022 124 I ID4P B32/F0 *																																				01OD16N 0CI1 13-022 455 0 OD16N B32/F0 *																																				
E	01C4N 0CI1 13-022 022 0 C4N B32/F0 *																																				01ID5N 0CI1 13-022 018 I ID5N B32/F0 *																																																																								
	01C4P 0CI1 13-022 122 0 C4P B32/F0 *																																				01ID5P 0CI1 13-022 118 I ID5P B32/F0 *																																																																								
	01C5N 0CI1 13-022 016 0 C5N B32/F0 *																																				01ID6N 0CI1 13-022 011 I ID6N B32/F0 *																																																																								
	01C5P 0CI1 13-022 116 0 C5P B32/F0 *																																				01ID6P 0CI1 13-022 111 I ID6P B32/F0 *																																																																								
	01C6N 0CI1 13-022 009 0 C6N B32/F0 *																																				01ID7N 0CI1 13-022 005 I ID7N B32/F0 *																																																																								
	01C6P 0CI1 13-022 109 0 C6P B32/F0 *																																				01ID7P 0CI1 13-022 105 I ID7P B32/F0 *																																																																								
	01C7N 0CI1 13-022 003 0 C7N B32/F0 *																																				01ID8N 0CI1 13-022 256 I ID8N B32/F0 *																																																																								
	01C7P 0CI1 13-022 103 0 C7P B32/F0 *																																				01ID8P 0CI1 13-022 356 I ID8P B32/F0 *																																																																								
	01C8N 0CI1 13-022 254 0 C8N B32/F0 *																																				01ID9N 0CI1 13-022 250 I ID9N B32/F0 *																																																																								
	01C8P 0CI1 13-022 354 0 C8P B32/F0 *																																				01ID9P 0CI1 13-022 350 I ID9P B32/F0 *																																																																								
F																																																																																																													F
G																																																																																																													G
H																																																																																																													H

A

B

C

D

E

F

G

H

0

1

2

3

4

5

6

7

8

9

22 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
01S10P	0CI1	13-022	340	0 S10P	B32/F0	*	
01S11N	0CI1	13-022	234	0 S11N	B32/F0	*	
01S11P	0CI1	13-022	334	0 S11P	B32/F0	*	
01S12N	0CI1	13-022	221	0 S12N	B32/F0	*	
01S12P	0CI1	13-022	321	0 S12P	B32/F0	*	
01S13N	0CI1	13-022	215	0 S13N	B32/F0	*	
01S13P	0CI1	13-022	315	0 S13P	B32/F0	*	
01S14N	0CI1	13-022	208	0 S14N	B32/F0	*	
01S14P	0CI1	13-022	308	0 S14P	B32/F0	*	
01S15N	0CI1	13-022	202	0 S15N	B32/F0	*	
01S15P	0CI1	13-022	302	0 S15P	B32/F0	*	
01S16N	0CI1	13-022	453	0 S16N	B32/F0	*	
01S16P	0CI1	13-022	553	0 S16P	B32/F0	*	
01S17N	0CI1	13-022	447	0 S17N	B32/F0	*	
01S17P	0CI1	13-022	547	0 S17P	B32/F0	*	
01S18N	0CI1	13-022	440	0 S18N	B32/F0	*	
01S18P	0CI1	13-022	540	0 S18P	B32/F0	*	
01S19N	0CI1	13-022	434	0 S19N	B32/F0	*	
01S19P	0CI1	13-022	534	0 S19P	B32/F0	*	
01S1N	0CI1	13-022	047	0 S1N	B32/F0	*	
01S1P	0CI1	13-022	147	0 S1P	B32/F0	*	
01S20N	0CI1	13-022	421	0 S20N	B32/F0	*	
01S20P	0CI1	13-022	521	0 S20P	B32/F0	*	
01S21N	0CI1	13-022	415	0 S21N	B32/F0	*	
01S21P	0CI1	13-022	515	0 S21P	B32/F0	*	
01S22N	0CI1	13-022	408	0 S22N	B32/F0	*	
01S22P	0CI1	13-022	508	0 S22P	B32/F0	*	
01S2N	0CI1	13-022	040	0 S2N	B32/F0	*	
01S2P	0CI1	13-022	140	0 S2P	B32/F0	*	
01S3N	0CI1	13-022	034	0 S3N	B32/F0	*	
01S3P	0CI1	13-022	134	0 S3P	B32/F0	*	
01S4N	0CI1	13-022	021	0 S4N	B32/F0	*	
01S4P	0CI1	13-022	121	0 S4P	B32/F0	*	
01S5N	0CI1	13-022	015	0 S5N	B32/F0	*	
01S5P	0CI1	13-022	115	0 S5P	B32/F0	*	
01S6N	0CI1	13-022	008	0 S6N	B32/F0	*	
01S6P	0CI1	13-022	108	0 S6P	B32/F0	*	
01S7N	0CI1	13-022	002	0 S7N	B32/F0	*	
01S7P	0CI1	13-022	102	0 S7P	B32/F0	*	
01S8N	0CI1	13-022	253	0 S8N	B32/F0	*	
01S8P	0CI1	13-022	353	0 S8P	B32/F0	*	
01S9N	0CI1	13-022	247	0 S9N	B32/F0	*	
01S9P	0CI1	13-022	347	0 S9P	B32/F0	*	
02PCTS0N	0PI	13-070	304	I0 02PCTS0N	B38/E0		
02PCTS0P	0PI	13-070	204	I0 02PCTS0P	B38/E0		
02PRD02N	0PI	13-070	306	I0 02PRD02N	B38/E0		
02PRD02P	0PI	13-070	206	I0 02PRD02P	B38/E0		
02PRD13N	0PI	13-070	309	I0 02PRD13N	B38/E0		

23 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
02PRD13P	0PI	13-070	209	I0 02PRD13P	B38/E0		
02PRTS0N	0PI	13-070	305	I0 02PRTS0N	B38/E0		
02PRTS0P	0PI	13-070	205	I0 02PRTS0P	B38/E0		
02PRXC1N	0PI	13-070	308	I0 02PRXC1N	B38/E0		
02PRXC1P	0PI	13-070	208	I0 02PRXC1P	B38/E0		
02PTD02N	0PI	13-070	310	I0 02PTD02N	B38/E0		
02PTD02P	0PI	13-070	210	I0 02PTD02P	B38/E0		
02PTD13N	0PI	13-070	311	I0 02PTD13N	B38/E0		
02PTD13P	0PI	13-070	211	I0 02PTD13P	B38/E0		
02PTXC0N	0PI	13-070	303	I0 02PTXC0N	B38/E0		
02PTXC0P	0PI	13-070	203	I0 02PTXC0P	B38/E0		
02PTXD1N	0PI	13-070	302	I0 02PTXD1N	B38/E0		
02PTXD1P	0PI	13-070	202	I0 02PTXD1P	B38/E0		
03PCTS0N	0PI	13-070	117	I0 03PCTS0N	B38/E0		
03PCTS0P	0PI	13-070	017	I0 03PCTS0P	B38/E0		
03PRD02N	0PI	13-070	119	I0 03PRD02N	B38/E0		
03PRD02P	0PI	13-070	019	I0 03PRD02P	B38/E0		
03PRD13N	0PI	13-070	122	I0 03PRD13N	B38/E0		
03PRD13P	0PI	13-070	022	I0 03PRD13P	B38/E0		
03PRTS0N	0PI	13-070	118	I0 03PRTS0N	B38/E0		
03PRTS0P	0PI	13-070	018	I0 03PRTS0P	B38/E0		
03PRXC1N	0PI	13-070	121	I0 03PRXC1N	B38/E0		
03PRXC1P	0PI	13-070	021	I0 03PRXC1P	B38/E0		
03PTD02N	0PI	13-070	123	I0 03PTD02N	B38/E0		
03PTD02P	0PI	13-070	023	I0 03PTD02P	B38/E0		
03PTD13N	0PI	13-070	124	I0 02PTD13N	B38/E0		
03PTD13P	0PI	13-070	024	I0 03PTD13P	B38/E0		
03PTXC0N	0PI	13-070	116	I0 03PTXC0N	B38/E0		
03PTXC0P	0PI	13-070	016	I0 03PTXC0P	B38/E0		
03PTXD1N	0PI	13-070	115	I0 03PTXD1N	B38/E0		
03PTXD1P	0PI	13-070	015	I0 03PTXD1P	B38/E0		
04MC0N	0TSI	13-062	154	0 DSUACN	B37/E0	*	
04MC0P	0TSI	13-062	054	0 DSUACP	B37/E0	*	
04MC1N	0TSI	13-062	148	0 DSUBCN	B37/E0	*	
04MC1P	0TSI	13-062	048	0 DSUBCP	B37/E0	*	
04MC2N	0TSI	13-062	143	0 DSUCCN	B37/E0		
04MC2P	0TSI	13-062	043	0 DSUCCP	B37/E0		
04MC3N	0TSI	13-062	137	0 DSUDCN	B37/E0		
04MC3P	0TSI	13-062	037	0 DSUDCP	B37/E0		
08KS0N	0TSI	13-062	153	0 DSUASN	B37/E0	*	
08KS0P	0TSI	13-062	053	0 DSUASP	B37/E0	*	
08KS1N	0TSI	13-062	147	0 DSUBSN	B37/E0	*	
08KS1P	0TSI	13-062	047	0 DSUBSP	B37/E0	*	
08KS2N	0TSI	13-062	142	0 DSUCSN	B37/E0		
08KS2P	0TSI	13-062	042	0 DSUCSP	B37/E0		
08KS3N	0TSI	13-062	136	0 DSUDSN	B37/E0		
08KS3P	0TSI	13-062	036	0 DSUDSP	B37/E0		
08MH0CK	0TSI	13-062	008	I DLI08M	B37/E0		

A

B

C

D

E

F

G

H

0

1

2

3

4

5

6

7

8

9

24 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
08MH0CK	0DLI	13-084	005	I0 08MH0CK	B41/E0		
08MH1CK	0DLI	13-084	105	I0 08MH1CK	B41/E0		
08MH1CK	1TSI	13-122	008	I DLI08M	B47/E1		
0A02I0	0MEM5	04-022	233	I A02I0	B2/F0		
0A02I0	0MEM4	04-028	233	I A02I0	B2/F3		
0A02I0	0MEM3	04-034	233	I A02I0	B2/F5		
0A02I0	0MEM2	04-040	233	I A02I0	B5/F2		
0A02I0	TFD04045	04-045	036	I0 0A02I0	B4/E3	*	
0A02I1	0MEM5	04-022	235	I A02I1	B2/F0		
0A02I1	0MEM4	04-028	235	I A02I1	B2/F3		
0A02I1	0MEM3	04-034	235	I A02I1	B2/F5		
0A02I1	0MEM2	04-040	235	I A02I1	B5/F2		
0A02I1	TFD04045	04-045	038	I0 0A02I1	B4/E3	*	
0A02I1	0MEM1	04-046	235	I A02I1	B5/F5		
0A02I1	0MPDMC	04-052	013	O A02I1	B6/G2		
0A02IB0	TFD04045	04-045	003	I0 0A02IB0	B4/E3	*	
0A02IB0	0MPDMC	04-052	008	O A02IB0	B6/G2		
0A02IB1	TFD04045	04-045	049	I0 0A02IB1	B4/E3	*	
0A02IB1	0MPDMC	04-052	207	O A02IB1	B6/G2		
0A03I1	0MEM5	04-022	339	I A03I1	B2/F0		
0A03I1	0MEM4	04-028	339	I A03I1	B2/F3		
0A03I1	0MEM3	04-034	339	I A03I1	B2/F5		
0A03I1	0MEM2	04-040	339	I A03I1	B5/F2		
0A03I1	TFD04045	04-045	045	I0 0A03I1	B4/E3	*	
0A03I1	0MEM1	04-046	339	I A03I1	B5/F5		
0A03I1	0MPDMC	04-052	312	O A03I1	B6/G2		
0A04I1	0MEM5	04-022	241	I A04I1	B2/F0		
0A04I1	0MEM4	04-028	241	I A04I1	B2/F3		
0A04I1	0MEM3	04-034	241	I A04I1	B2/F5		
0A04I1	0MEM2	04-040	241	I A04I1	B5/F2		
0A04I1	TFD04045	04-045	047	I0 0A04I1	B4/E3	*	
0A04I1	0MEM1	04-046	241	I A04I1	B5/F5		
0A04I1	0MPDMC	04-052	212	O A04I1	B6/G2		
0A05I1	0MEM5	04-022	341	I A05I1	B2/F0		
0A05I1	0MEM4	04-028	341	I A05I1	B2/F3		
0A05I1	0MEM3	04-034	341	I A05I1	B2/F5		
0A05I1	0MEM2	04-040	341	I A05I1	B5/F2		
0A05I1	TFD04045	04-045	046	I0 0A05I1	B4/E3	*	
0A05I1	0MEM1	04-046	341	I A05I1	B5/F5		
0A05I1	0MPDMC	04-052	208	O A05I1	B6/G2		
0A06I1	0MEM5	04-022	342	I A06I1	B2/F0		
0A06I1	0MEM4	04-028	342	I A06I1	B2/F3		
0A06I1	0MEM3	04-034	342	I A06I1	B2/F5		
0A06I1	0MEM2	04-040	342	I A06I1	B5/F2		
0A06I1	TFD04045	04-045	048	I0 0A06I1	B4/E3	*	
0A06I1	0MEM1	04-046	342	I A06I1	B5/F5		
0A06I1	0MPDMC	04-052	108	O A06I1	B6/G2		
0A07I1	0MEM5	04-022	317	I A07I1	B2/F0		
0A07I1	0MEM4	04-028	317	I A07I1	B2/F3		
0A07I1	0MEM3	04-034	317	I A07I1	B2/F5		
0A07I1	0MEM2	04-040	317	I A07I1	B5/F2		
0A07I1	TFD04045	04-045	014	I0 0A07I1	B4/E3	*	
0A07I1	0MEM1	04-046	317	I A07I1	B5/F5		
0A07I1	0MPDMC	04-052	311	O A07I1	B6/G2		
0A08I1	0MEM5	04-022	318	I A08I1	B2/F0		
0A08I1	0MEM4	04-028	318	I A08I1	B2/F3		
0A08I1	0MEM3	04-034	318	I A08I1	B2/F5		
0A08I1	0MEM2	04-040	318	I A08I1	B5/F2		
0A08I1	TFD04045	04-045	015	I0 0A08I1	B4/E3	*	
0A08I1	0MEM1	04-046	318	I A08I1	B5/F5		
0A08I1	0MPDMC	04-052	211	O A08I1	B6/G2		
0A09I1	0MEM5	04-022	219	I A09I1	B2/F0		
0A09I1	0MEM4	04-028	219	I A09I1	B2/F3		

Copyright (C) 1996 AT&T All Rights Reserved							
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT					DWG SIZE		ISSUE
					C2		25B
AT&T			SD-5D094-01			SHEET A17	

0

1

2

3

4

5

6

7

8

9

PRINTED IN U.S.A.

25	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLC	XT
0A09I1	0MEM3	04-034	219	I	A09I1	B2/F5	
0A09I1	0MEM2	04-040	219	I	A09I1	B5/F2	
0A09I1	TFD04045	04-045	017	10	0A09I1	B4/E3	*
0A09I1	0MEM1	04-046	219	I	A09I1	B5/F5	
0A09I1	0MPDMC	04-052	111	0	A09I1	B6/G2	
0A10I1	0MEM5	04-022	332	I	0A10I1	B2/F0	
0A10I1	0MEM4	04-028	332	I	0A10I1	B2/F3	
0A10I1	0MEM3	04-034	332	I	0A10I1	B2/F5	
0A10I1	0MEM2	04-040	332	I	0A10I1	B5/F2	
0A10I1	TFD04045	04-045	034	10	0A10I1	B4/E3	*
0A10I1	0MEM1	04-046	332	I	0A10I1	B5/F5	
0A10I1	0MPDMC	04-052	011	0	0A10I1	B6/G2	
0A11I1	0MEM5	04-022	333	I	0A11I1	B2/F0	
0A11I1	0MEM4	04-028	333	I	0A11I1	B2/F3	
0A11I1	0MEM3	04-034	333	I	0A11I1	B2/F5	
0A11I1	0MEM2	04-040	333	I	0A11I1	B5/F2	
0A11I1	TFD04045	04-045	035	10	0A11I1	B4/E3	*
0A11I1	0MEM1	04-046	333	I	0A11I1	B5/F5	
0A11I1	0MPDMC	04-052	310	0	0A11I1	B6/G2	
0A12I1	0MEM5	04-022	335	I	0A12I1	B2/F0	
0A12I1	0MEM4	04-028	335	I	0A12I1	B2/F3	
0A12I1	0MEM3	04-034	335	I	0A12I1	B2/F5	
0A12I1	0MEM2	04-040	335	I	0A12I1	B5/F2	
0A12I1	TFD04045	04-045	037	10	0A12I1	B4/E3	*
0A12I1	0MEM1	04-046	335	I	0A12I1	B5/F5	
0A12I1	0MPDMC	04-052	110	0	0A12I1	B6/G2	
0A13I1	0MEM5	04-022	336	I	0A13I1	B2/F0	
0A13I1	0MEM4	04-028	336	I	0A13I1	B2/F3	
0A13I1	0MEM3	04-034	336	I	0A13I1	B2/F5	
0A13I1	0MEM2	04-040	336	I	0A13I1	B5/F2	
0A13I1	TFD04045	04-045	040	10	0A13I1	B4/E3	*
0A13I1	0MEM1	04-046	336	I	0A13I1	B5/F5	
0A13I1	0MPDMC	04-052	010	0	0A13I1	B6/G2	
0A14I1	0MEM5	04-022	237	I	0A14I1	B2/F0	
0A14I1	0MEM4	04-028	237	I	0A14I1	B2/F3	
0A14I1	0MEM3	04-034	237	I	0A14I1	B2/F5	
0A14I1	0MEM2	04-040	237	I	0A14I1	B5/F2	
0A14I1	TFD04045	04-045	041	10	0A14I1	B4/E3	*
0A14I1	0MEM1	04-046	237	I	0A14I1	B5/F5	
0A14I1	0MPDMC	04-052	309	0	0A14I1	B6/G2	
0A15I1	0MEM5	04-022	338	I	0A15I1	B2/F0	
0A15I1	0MEM4	04-028	338	I	0A15I1	B2/F3	
0A15I1	0MEM3	04-034	338	I	0A15I1	B2/F5	
0A15I1	0MEM2	04-040	338	I	0A15I1	B5/F2	
0A15I1	TFD04045	04-045	043	10	0A15I1	B4/E3	*
0A15I1	0MEM1	04-046	338	I	0A15I1	B5/F5	
0A15I1	0MPDMC	04-052	209	0	0A15I1	B6/G2	
0A16I1	0MEM5	04-022	217	I	0A16I1	B2/F0	
0A16I1	0MEM4	04-028	217	I	0A16I1	B2/F3	
0A16I1	0MEM3	04-034	217	I	0A16I1	B2/F5	
0A16I1	0MEM2	04-040	217	I	0A16I1	B5/F2	
0A16I1	TFD04045	04-045	013	10	0A16I1	B4/E3	*
0A16I1	0MEM1	04-046	217	I	0A16I1	B5/F5	
0A16I1	0MPDMC	04-052	109	0	0A16I1	B6/G2	
0A17I1	0MEM5	04-022	213	I	0A17I1	B2/F0	
0A17I1	0MEM4	04-028	213	I	0A17I1	B2/F3	
0A17I1	0MEM3	04-034	213	I	0A17I1	B2/F5	
0A17I1	0MEM2	04-040	213	I	0A17I1	B5/F2	
0A17I1	TFD04045	04-045	008	10	0A17I1	B4/E3	*
0A17I1	0MEM1	04-046	213	I	0A17I1	B5/F5	
0A17I1	0MPDMC	04-052	009	0	0A17I1	B6/G2	
0A18I1	0MEM5	04-022	209	I	0A18I1	B2/F0	
0A18I1	0MEM4	04-028	209	I	0A18I1	B2/F3	
0A18I1	0MEM3	04-034	209	I	0A18I1	B2/F5	
0A18I1	0MEM2	04-040	209	I	0A18I1	B5/F2	
0A18I1	TFD04045	04-045	007	10	0A18I1	B4/E3	*
0A18I1	0MEM1	04-046	209	I	0A18I1	B5/F5	
0A18I1	0MPDMC	04-052	308	0	0A18I1	B6/G2	
0A1920I0	0MEM5	04-022	019	I	A21I0	B2/F0	
0A1920I0	0MEM4	04-028	019	I	A21I0	B2/F3	
0A1920I0	0MEM3	04-034	019	I	A21I0	B2/F5	
0A1920I0	0MEM2	04-040	019	I	A21I0	B5/F2	
0A1920I0	TFD04045	04-045	016	10	0A1920I0	B4/E3	*
0A1920I0	0MEM1	04-046	019	I	A21I0	B5/F5	
0A1920I0	0MPDMC	04-052	124	0	A1920I0	B6/G2	
0A19I1	0MEM5	04-022	037	I	A19I1	B2/F0	
0A19I1	0MEM4	04-028	037	I	A19I1	B2/F3	
0A19I1	0MEM3	04-034	037	I	A19I1	B2/F5	
0A19I1	0MEM2	04-040	037	I	A19I1	B5/F2	
0A19I1	TFD04045	04-045	042	10	0A19I1	B4/E3	*
0A19I1	0MEM1	04-046	037	I	A19I1	B5/F5	
0A19I1	0MPDMC	04-052	224	0	A19I1	B6/G2	
0A20I1	0MEM5	04-022	017	I	A20I1	B2/F0	

26	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
0A20I1	0MEM4		04-028	017	I	A20I1	B2/F3	
0A20I1	0MEM3		04-034	017	I	A20I1	B2/F5	
0A20I1	0MEM2		04-040	017	I	A20I1	B5/F2	
0A20I1	TFD04045		04-045	011	I0	0A20I1	B4/E3	*
0A20I1	0MEM1		04-046	017	I	A20I1	B5/F5	
0A20I1	0MPDMC		04-052	024	0	A20I1	B6/G2	
0A21I1	0MEM5		04-022	355	0	4MB00	B2/F0	
0A21I1	0MEM4		04-028	355	0	4MB00	B2/F3	
0A21I1	0MEM3		04-034	355	0	4MB00	B2/F5	
0A21I1	TFD04039		04-039	035	I0	0A21I1	B3/E3	*
0A21I1	0MEM2		04-040	355	0	4MB00	B5/F2	
0A21I1	0MEM1		04-046	355	0	4MB00	B5/F5	
0A21I1	0MPDMC		04-052	154	I	A21I1	B6/G2	
0ABORT0	0MPS		04-070	006	0	ABORT0	B10/F2	
0ABORT0	0MPC		04-076	308	I	ABORT0	B11/F3	
0ACOND5	0DLI		13-084	354	I0	0ACOND5	B41/E0	
0ADLI0P	0TSI		13-062	011	I	DLI0AN3	B37/E0	
0ADLI0P	0DLI		13-084	021	I0	0ADLI0P	B41/E0	
0ADLI0X	0TSI		13-062	311	I	DLI0AN0	B37/E0	
0ADLI0X	0DLI		13-084	024	I0	0ADLI0X	B41/E0	
0ADLI0Y	0TSI		13-062	211	I	DLI0AN1	B37/E0	
0ADLI0Y	0DLI		13-084	023	I0	0ADLI0Y	B41/E0	
0ADLI0Z	0TSI		13-062	111	I	DLI0AN2	B37/E0	
0ADLI0Z	0DLI		13-084	022	I0	0ADLI0Z	B41/E0	
0ADLI1P	0DLI		13-084	121	I0	0ADLI1P	B41/E0	
0ADLI1P	1TSI		13-122	011	I	DLI0AN3	B47/E1	
0ADLI1X	0DLI		13-084	124	I0	0ADLI1X	B41/E0	
0ADLI1X	1TSI		13-122	311	I	DLI0AN0	B47/E1	
0ADLI1Y	0DLI		13-084	123	I0	0ADLI1Y	B41/E0	
0ADLI1Y	1TSI		13-122	211	I	DLI0AN1	B47/E1	
0ADLI1Z	0DLI		13-084	122	I0	0ADLI1Z	B41/E0	
0ADLI1Z	1TSI		13-122	111	I	DLI0AN2	B47/E1	
0ADPC00	0MEM5		04-022	114	0	ADPC00	B2/F0	
0ADPC00	0MEM4		04-028	114	0	ADPC00	B2/F3	
0ADPC00	0MEM3		04-034	114	0	ADPC00	B2/F5	
0ADPC00	0MEM2		04-040	114	0	ADPC00	B5/F2	
0ADPC00	TFD04045		04-045	009	I0	0ADPC00	B4/E3	*
0ADPC00	0MEM1		04-046	114	0	ADPC00	B5/F5	
0ADPC00	0MPDMC		04-052	132	I	ADPC00	B6/G2	
0ADPR00	0MEM5		04-022	215	0	ADPR00	B2/F0	
0ADPR00	0MEM4		04-028	215	0	ADPR00	B2/F3	
0ADPR00	0MEM3		04-034	215	0	ADPR00	B2/F5	
0ADPR00	0MEM2		04-040	215	0	ADPR00	B5/F2	
0ADPR00	TFD04045		04-045	010	I0	0ADPR00	B4/E3	*
0ADPR00	0MEM1		04-046	215	0	ADPR00	B5/F5	
0ADPR00	0MPDMC		04-052	232	I	ADPR00	B6/G2	
0AFF0	0MROMRAM		04-058	323	I	AFF0	B8/F1	
0AFF0	0MPCOM		04-064	323	0	AFF0	B9/F2	
0AFF0	0MPS		04-070	306	I	AFF0	B10/F2	
0AFF0	0MPC		04-076	209	I	AFF0	B11/F3	
0AFF0	TFD04082		04-082	006	I0	0AFF0	B12/F1	
0AI01	0MPDMC		04-052	155	I	AI01	B6/G2	
0AI01	0MROMRAM		04-058	255	I	AI01	B8/F1	
0AI01	0MPCOM		04-064	254	I	AI01	B9/F2	
0AI01	0MPS		04-070	307	0	AI01	B10/F2	
0AI01	0MPC		04-076	207	I	AI01	B11/F3	
0AI01	TFD04082		04-082	120	I0	0AI01	B12/F1	
0ALCPI0P	0MROMRAM		04-058	345	I	IDLI0A0	B8/F1	
0ALCPI0P	0DLI		13-084	236	I0	0ALCPI0P	B41/E0	
0ALCPI1P	1MROMRAM		04-126	345	I	IDLI0A0	B22/F2	
0ALCPI1P	0DLI		13-084	238	I0	0ALCPI1P	B41/E0	
0ALRMD0P	0MPCOM		04-064	256	I	0ADLIRC	B9/F2	
0ALRMD0P	0DLI		13-084	152	I0	0ALRMD0P	B41/E0	
0ALRMD1P	1MPCON		04-120	256	I	0ADLIRC	B21/F2	
0ALRMD1P	0DLI		13-084	156	I0	0ALRMD1P	B41/E0	
0ALRMP0P	0MPCOM		04-064	022	I	0APARI	B9/F2	
0ALRMP0P	0DLI		13-084	151	I0	0ALRMP0P	B41/E0	
0ALRMP1P	1MPCON		04-120	022	I	0APARI	B21/F2	
0ALRMP1P	0DLI		13-084	155	I0	0ALRMP1P	B41/E0	
0AMA0	TFD13082		13-082	054	I0	0AMA0	B40/D2	
0AMA0	0DLI		13-084	055	I0	0AMA0	B41/E0	
0AMA1	TFD13082		13-082	053	I0	0AMA1	B40/D2	

27	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLC	XT
0AMA1	0DLI		13-084	054	IO	0AMA1	B41/E0	
0AMA2	TFD13082		13-082	052	IO	0AMA2	B40/D2	
0AMA2	0DLI		13-084	053	IO	0AMA2	B41/E0	
0AMA3	TFD13082		13-082	051	IO	0AMA3	B40/D2	
0AMA3	0DLI		13-084	052	IO	0AMA3	B41/E0	
0AMA4	TFD13082		13-082	050	IO	0AMA4	B40/D2	
0AMA4	0DLI		13-084	051	IO	0AMA4	B41/E0	
0AMA5	TFD13082		13-082	049	IO	0AMA5	B40/D2	
0AMA5	0DLI		13-084	050	IO	0AMA5	B41/E0	
0AMA6	TFD13082		13-082	048	IO	0AMA6	B40/D2	
0AMA6	0DLI		13-084	049	IO	0AMA6	B41/E0	
0AMA7	TFD13082		13-082	047	IO	0AMA7	B40/D2	
0AMA7	0DLI		13-084	048	IO	0AMA7	B41/E0	
0AMAEN	TFD13082		13-082	055	IO	0AMAEN	B40/D2	
0AMAEN	0DLI		13-084	056	IO	0AMAEN	B41/E0	
0APWR5	0DLI		13-084	251	IO	0APWR5	B41/E0	
0ARECV	0DLI		13-084	353	IO	0ARCV	B41/E0	
0AXMIT	0DLI		13-084	340	IO	0AXMIT	B41/E0	
0AXPWR5	0DLI		13-084	334	IO	0AXPWR5	B41/E0	
0B0DLCK	0MROMRAM		04-058	052	I	0DLICK	B8/F1	
0B0DLCK	0MPCOM		04-064	319	0	B0DLCK	B9/F2	
0B0PARCK	0MROMRAM		04-058	244	I	IDLIOCK	B8/F1	
0B0PARCK	0MPCOM		04-064	216	0	BDPARCK	B9/F2	
0B1DLCK	0MROMRAM		04-058	156	I	IDLICK	B8/F1	
0B1DLCK	0MPCOM		04-064	317	0	B1DLCK	B9/F2	
0B1PARCK	0MROMRAM		04-058	144	I	IDLI1CK	B8/F1	
0B1PARCK	0MPCOM		04-064	214	0	B1PARCK	B9/F2	
0BCOND5	0DLI		13-084	309	IO	0BCOND5	B41/E0	
0BDLI0P	0TSI		13-062	009	I	DLI0BN3	B37/E0	
0BDLI0P	0DLI		13-084	008	IO	0BDLI0P	B41/E0	
0BDLI0X	0TSI		13-062	309	I	DLI0BN0	B37/E0	
0BDLI0X	0DLI		13-084	011	IO	0BDLI0X	B41/E0	
0BDLI0Y	0TSI		13-062	209	I	DLI0BN1	B37/E0	
0BDLI0Y	0DLI		13-084	010	IO	0BDLI0Y	B41/E0	
0BDLI0Z	0TSI		13-062	109	I	DLI0BN2	B37/E0	
0BDLI0Z	0DLI		13-084	009	IO	0BDLI0Z	B41/E0	
0BDLI1P	0DLI		13-084	108	IO	0BDLI1P	B41/E0	
0BDLI1P	1TSI		13-122	009	I	DLI0BN3	B47/E1	
0BDLI1X	0DLI		13-084	111	IO	0BDLI1X	B41/E0	
0BDLI1X	1TSI		13-122	309	I	DLI0BN0	B47/E1	
0BDLI1Y	0DLI		13-084	110	IO	0BDLI1Y	B41/E0	
0BDLI1Y	1TSI		13-122	209	I	DLI0BN1	B47/E1	
0BDLI1Z	0DLI		13-084	109	IO	0BDLI1Z	B41/E0	
0BDLI1Z	1TSI		13-122	109	I	DLI0BN2	B47/E1	
0BLCPI0P	0MROMRAM		04-058	245	I	IDLIOB0	B8/F1	
0BLCPI0P	0DLI		13-084	235	IO	0BLCPI0P	B41/E0	
0BLCPI1P	1MROMRAM		04-126	245	I	IDLIOB0	B22/F2	
0BLCPI1P	0DLI		13-084	237	IO	0BLCPI1P	B41/E0	
0BLKINT1	0MPS		04-070	352	I	BLKINT1	B10/F2	

Copyright (C) 1996 AT&T All Rights Reserved			
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT			
		DWG SIZE C2	ISSUE 25B
AT&T	SD-5D094-01		SHEET A18

A

B

C

D

E

F

G

H

28 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
ØBLKINT1	ØMPC	04-076	108	0 BLKINT1	B11/F3		
ØBLRMDØP	ØMPCOM	04-064	156	I ØBDLIRC	B9/F2		
ØBLRMDØP	ØDLI	13-084	132	IO ØBLRMDØP	B41/E0		
ØBLRMD1P	1MPCON	04-120	156	I ØBDLIRC	B21/F2		
ØBLRMD1P	ØDLI	13-084	136	IO ØBLRMD1P	B41/E0		
ØBLRMPØP	ØMPCOM	04-064	018	I ØBPARI	B9/F2		
ØBLRMPØP	ØDLI	13-084	032	IO ØBLRMPØP	B41/E0		
ØBLRMP1P	1MPCON	04-120	018	I ØBPARI	B21/F2		
ØBLRMP1P	ØDLI	13-084	135	IO ØBLRMP1P	B41/E0		
ØBMA0	TFD13082	13-082	041	IO ØBMA0	B40/D2		
ØBMA0	ØDLI	13-084	044	IO ØBMA0	B41/E0		
ØBMA1	TFD13082	13-082	040	IO ØBMA1	B40/D2		
ØBMA1	ØDLI	13-084	043	IO ØBMA1	B41/E0		
ØBMA2	TFD13082	13-082	039	IO ØBMA2	B40/D2		
ØBMA2	ØDLI	13-084	042	IO ØBMA2	B41/E0		
ØBMA3	TFD13082	13-082	038	IO ØBMA3	B40/D2		
ØBMA3	ØDLI	13-084	041	IO ØBMA3	B41/E0		
ØBMA4	TFD13082	13-082	037	IO ØBMA4	B40/D2		
ØBMA4	ØDLI	13-084	040	IO ØBMA4	B41/E0		
ØBMA5	TFD13082	13-082	036	IO ØBMA5	B40/D2		
ØBMA5	ØDLI	13-084	039	IO ØBMA5	B41/E0		
ØBMA6	TFD13082	13-082	035	IO ØBMA6	B40/D2		
ØBMA6	ØDLI	13-084	038	IO ØBMA6	B41/E0		
ØBMA7	TFD13082	13-082	034	IO ØBMA7	B40/D2		
ØBMA7	ØDLI	13-084	037	IO ØBMA7	B41/E0		
ØBMAEN	TFD13082	13-082	042	IO ØBMAEN	B40/D2		
ØBMAEN	ØDLI	13-084	045	IO ØBMAEN	B41/E0		
ØBPFA0	ØMROMRAM	04-058	242	I BPFA0	B8/F1		
ØBPFA0	TFD04087	04-087	038	IO ØBPFA0	B13/E2	*	
ØBPS1	ØMPCOM	04-064	203	I SENSE1	B9/F2		
ØBPS1	TFD04082	04-082	133	IO ØBPS1	B12/F1		
ØBPS2	ØMPCOM	04-064	103	I SENSE2	B9/F2		
ØBPS2	TFD04082	04-082	134	IO ØBPS2	B12/F1		
ØBPWR5	ØDLI	13-084	206	IO ØBPWR5	B41/E0		
ØBREAK0	ØMPCOM	04-064	207	0 BREAK0	B9/F2		
ØBREAK0	ØMPS	04-070	251	I XERR0	B10/F2		
ØBRCV	ØDLI	13-084	308	IO ØBRCV	B41/E0		
ØBSYBIT0	ØMROMRAM	04-058	049	I IN2	B8/F1		
ØBSYBIT0	ØBTSR	04-100	305	IO ØBSYBIT0	B16/F3		
ØBTPASS0	ØMROMRAM	04-058	249	I IN3	B8/F1		
ØBTPASS0	ØBTSR	04-100	309	0 ØBTPASS0	B16/F3		
ØBTPRS0	ØMROMRAM	04-058	347	I IN0	B8/F1		
ØBTPRS0	ØBTSR	04-100	010	IO ØBTPRS0	B16/F3		
ØBTSRST0	ØMPS	04-070	009	0 BTSRST0	B10/F2		
ØBTSRST0	ØBTSR	04-100	109	I ØBTSRST0	B16/F3		
ØBTSSEL0	ØMPS	04-070	109	0 BTTSEL0	B10/F2		
ØBTSSEL0	ØMPC	04-076	309	I BTTSEL0	B11/F3		
ØBUSERR0	ØMPS	04-070	153	0 BUSERR0	B10/F2		
ØBUSERR0	ØMPC	04-076	140	I BUSERR0	B11/F3		
ØBUSGTA0	ØMPCOM	04-064	206	I SBUSGTC	B9/F2		
ØBUSGTA0	ØMPS	04-070	005	I SBUSGTA0	B10/F2		
ØBUSGTA0	ØMPC	04-076	008	0 SBUSGTA0	B11/F3		
ØBUSZS0	ØMROMRAM	04-058	348	I IN1	B8/F1		
ØBUSZS0	ØBTSR	04-100	203	0 ØBUSZS0	B16/F3		
ØBXMIT	ØDLI	13-084	321	IO ØBXMIT	B41/E0		
ØBXPWR5	ØDLI	13-084	315	IO ØBXPWR5	B41/E0		
ØC+CP04L	ØCONT	04-016	017	IO +CP04L	B1/F3	*	
ØC+CP04L	ØMEM5	04-022	144	I PCURSPR	B2/F0		
ØC+CP04L	ØMEM4	04-028	144	I PCURSPR	B2/F3		
ØC+CP04L	ØMEM3	04-034	144	I PCURSPR	B2/F5		
ØC+CP04L	ØMEM2	04-040	144	I PCURSPR	B5/F2		
ØC+CP04L	ØMEM1	04-046	144	I PCURSPR	B5/F5		
ØC+CP04L	ØMPDMC	04-052	112	0 C+CP04L	B6/G2		
ØC+CP04L	ØMROMRAM	04-058	112	0 +CURPR	B8/F1		
ØC+CP04L	ØMPCOM	04-064	112	0 +CURPR	B9/F2		

29 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
ØC+CP04L	ØMPS	04-070	112	0 +CURPR	B10/F2		
ØC+CP04L	ØMPC	04-076	112	I +CURPR	B11/F3		
ØC+CP13L	ØCP	13-008	017	IO ØC+CP13L	B30/E4	*	
ØC+CP13L	ØCI1	13-022	112	0 +CURPR	B32/F0		
ØC+CP13L	ØCI0	13-030	112	0 +CURPR	B33/F0		
ØC+CP13L	ØDI1	13-040	112	IO +CURPR	B34/F3		
ØC+CP13L	ØDI0	13-048	112	IO +CURPR	B35/F2		
ØC+CP13L	TFD13054	13-054	112	IO ØC+CP13L	B36/H1		
ØC+CP13L	ØTSI	13-062	112	IO +CURPR	B37/E0		
ØC+CP13L	ØPI	13-070	112	I +CURPR	B38/E0		
ØC-CP04L	ØCONT	04-016	117	IO -CP04L	B1/F3	*	
ØC-CP04L	ØMEM5	04-022	146	I NCURPP	B2/F0		
ØC-CP04L	ØMEM4	04-028	146	I NCURPP	B2/F3		
ØC-CP04L	ØMEM3	04-034	146	I NCURPP	B2/F5		
ØC-CP04L	ØMEM2	04-040	146	I NCURPP	B5/F2		
ØC-CP04L	ØMEM1	04-046	146	I NCURPP	B5/F5		
ØC-CP04L	ØMPDMC	04-052	012	0 C-CP04L	B6/G2		
ØC-CP04L	ØMROMRAM	04-058	012	0 -CURPR	B8/F1		
ØC-CP04L	ØMPCOM	04-064	012	0 -CURPR	B9/F2		
ØC-CP04L	ØMPS	04-070	012	0 -CURPR	B10/F2		
ØC-CP04L	ØMPC	04-076	012	I -CURPR	B11/F3		
ØC-CP13L	ØCP	13-008	117	IO ØC-CP13L	B30/E4	*	
ØC-CP13L	ØCI1	13-022	012	0 -CURPR	B32/F0		
ØC-CP13L	ØCI0	13-030	012	0 -CURPR	B33/F0		
ØC-CP13L	ØDI1	13-040	012	IO -CURPR	B34/F3		
ØC-CP13L	ØDI0	13-048	012	IO -CURPR	B35/F2		
ØC-CP13L	TFD13054	13-054	012	IO ØC-CP13L	B36/H1		
ØC-CP13L	ØTSI	13-062	012	IO -CURPR	B37/E0		
ØC-CP13L	ØPI	13-070	012	I -CURPR	B38/E0		
ØC48R	TFD11013	11-013	002	G ØC48R	B30/C1	*	
ØC48R	ØCP	13-008	003	G ØC48R	B30/E4		
ØC48R	ØCP	13-008	004	G ØC48R	B30/E4		
ØC48R	ØCP	13-008	005	G ØC48R	B30/E4		
ØC48R	ØCP	13-008	102	G ØC48R	B30/E4		
ØC48R	ØCP	13-008	103	G ØC48R	B30/E4		
ØC48R	ØCP	13-008	104	G ØC48R	B30/E4		
ØC48R	ØCONDIS	13-016	003	G 48RTN	B31/F2		
ØC48R	ØCONDIS	13-016	004	G 48RTN	B31/F2		
ØC48R	ØCONDIS	13-016	102	G 48RTN	B31/F2		
ØC48R	ØCONDIS	13-016	103	G 48RTN	B31/F2		
ØC48R	ØCONDIS	13-016	104	G 48RTN	B31/F2		
ØC48R	ØCONDIS	13-016	149	I ZRTN	B31/F2		
ØC48R04L	Ø1-015	01-015	Ø00	G	B14/C4	*	
ØC48R04L	E1	01-015-Ø00	1	G GRD1	B14/B4		
ØC48R04L	E1	01-015-Ø00	2	G GRD2	B14/B4		
ØC48R04L	E1	01-015-Ø00	3	G GRD3	B14/B4		
ØC48R04L	E1	01-015-Ø00	4	G GRD4	B14/B4		
ØC48R04L	ØCONT	04-016	003	G C48R04L	B1/F3		
ØC48R04L	ØCONT	04-016	004	G C48R04L	B1/F3		
ØC48R04L	ØCONT	04-016	005	G C48R04L	B1/F3		
ØC48R04L	ØCONT	04-016	102	G C48R04L	B1/F3		
ØC48R04L	ØCONT	04-016	103	G C48R04L	B1/F3		
ØC48R04L	ØCONT	04-016	104	G C48R04L	B1/F3		
ØC48R04L	ØCONT	04-016	203	G C48R04L	B1/F3		
ØC48R04L	ØCONT	04-016	204	G C48R04L	B1/F3		
ØC48R04L	ØCONT	04-016	205	G C48R04L	B1/F3		
ØC48R04L	ØCONT	04-016	302	G C48R04L	B1/F3		
ØC48R04L	ØCONT	04-016	303	G C48R04L	B1/F3		
ØC48R04L	ØCONT	04-016	304	G C48R04L	B1/F3		
ØCALM	ØCONT	04-016	014	IO CALM	B1/F3	*	
ØCALM	TFD04057	04-057	045	IO ØCALM	B7/E3		
ØCALM	ØCP	13-008	014	IO ØCALM	B30/E4		
ØCALM	ØCONDIS	13-016	117	I AD	B31/F2	*	
ØCALM	ØCONDIS	13-016	145	IO ØCALM	B31/F2	*	
ØCALMP	ØCONT	04-016	113	IO CALMP	B1/F3	*	
ØCALMP	TFD04057	04-057	047	IO ØCALMP	B7/E3	*	
ØCALMP	ØCP	13-008	113	IO ØCALMP	B30/E4	*	
ØCALMP	ØCONDIS	13-016	123	0 CARD	B31/F2		
ØCALMP	ØCONDIS	13-016	148	I PINT	B31/F2		
ØCDGN0C	ØMROMRAM	04-058	309	0 BIT5	B8/F1		
ØCDGN0C	ØCONDIS	13-016	032	I DGN0	B31/F2		
ØCFAS	ØCONDIS	13-016	045	I ZIN	B31/F2	*	
ØCFLY0	ØMPDMC	04-052	305	0 CFLY0	B6/G2		
ØCFLY0	ØMPCOM	04-064	306	I CFLY0	B9/F2		
ØCINTA	ØCP	13-008	112	IO ØCINTA	B30/E4	*	
ØCINTA	ØCONDIS	13-016	116	0 INT	B31/F2		
ØCINTB	ØCONT	04-016	112	IO CINTB	B1/F3		
ØCINTB	ØCP	13-008	012	IO ØCINTB	B30/E4	*	
ØCINTC	ØCONT	04-016	012	IO CINTC	B1/F3		
ØCINTC	TFD04057	04-057	042	IO ØCINTC	B7/E3		
ØCINTC	ØCP	04-057	055	IO ØCINTC	B7/E3	*	
ØCINTCR	TFD04057	04-057	037	IO ØCINTCR	B7/E3		

30 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
0CINTCR	TFD04057	04-057	054	IO 0CINTCR	B7/E3	*	
0CINTCR	0CONDIS	13-016	115	I INTR	B31/F2		
0CKSEL	0TSI	13-062	101	0 CKSEL0	B37/E0		
0CKSEL	0TSI	13-062	301	I CKSEL1	B37/E0		
0COOS0D	0MROMRAM	04-058	008	0 SSOOSDLI	B8/F1		
0COOS0D	0DLI	13-084	313	IO 0COOS0D	B41/E0		
0COOS1C	0MROMRAM	04-058	207	0 OSOOSCON	B8/F1		
0COOS1C	1CONTDIS	13-172	010	I OOS0	B53/F2		
0COOS1D	0MROMRAM	04-058	006	0 OSOOSDLI	B8/F1		
0COOS1D	1DLI	13-098	313	IO 0COOS0D	B44/E0		
0COOSA	0CP	13-008	115	IO 0COOSA	B30/E4	*	
0COOSA	0CONDIS	13-016	109	0 OOSTST	B31/F2		
0COOSB	0CONT	04-016	115	IO C0OSB	B1/F3	*	
0COOSB	0CP	13-008	015	IO 0COOSB	B30/E4	*	
0COOSC	0CONT	04-016	015	IO C0OSC	B1/F3	*	
0COOSC	TFD04057	04-057	041	IO 0COOSC	B7/E3		
0COOSC	TFD04057	04-057	052	IO 0COOSC	B7/E3	*	
0COOSCR	TFD04057	04-057	038	IO 0CDOSCR	B7/E3		
0COOSCR	TFD04057	04-057	053	IO 0CDOSCR	B7/E3	*	
0COOSCR	0CONDIS	13-016	111	I OOSCONV	B31/F2		
0CPFINT0	0MPDMC	04-052	055	0 CPFINT0	B6/G2		
0CPFINT0	0MPCOM	04-064	208	I CPFINT0	B9/F2		
0CPFINT0	0MPS	04-070	051	I CPFINT0	B10/F2		
0CPIINT0	0MROMRAM	04-058	205	0 CPIINT0	B8/F1		
0CPIINT0	0MPCOM	04-064	108	I CPIINT0	B9/F2		
0CRQIP0C	0MROMRAM	04-058	010	0 SSRQPCON	B8/F1		
0CRQIP0C	0CONDIS	13-016	022	I RQIP0	B31/F2		
0CRQIP0D	0MROMRAM	04-058	009	0 SSRQPDLI	B8/F1		
0CRQIP0D	0DLI	13-084	253	IO 0CRQIP0D	B41/E0		
0CRQIP1C	0MROMRAM	04-058	206	0 OSRQPCON	B8/F1		
0CRQIP1C	1CONTDIS	13-172	022	I RQIP0	B53/F2		
0CRQIP1D	0MROMRAM	04-058	005	0 OSRQPDLI	B8/F1		
0CRQIP1D	1DLI	13-098	253	IO 0CRQIP0D	B44/E0		
0CS1	0CONT	04-016	011	IO CS1	B1/F3		
0CS1	TFD04057	04-057	051	IO CS1	B7/E3	*	
0CS1	0CP	13-008	011	IO 0CS1	B30/E4		
0CS1	0CONDIS	13-016	124	0 RS1	B31/F2		
0CS2	0CONT	04-016	110	IO CS2	B1/F3		
0CS2	TFD04057	04-057	050	IO CS2	B7/E3	*	
0CS2	0CP	13-008	110	IO 0CS2	B30/E4		
0CS2	0CONDIS	13-016	122	0 RS2	B31/F2		
0CS3	0CONT	04-016	109	IO CS3	B1/F3		
0CS3	TFD04057	04-057	049	IO CS3	B7/E3	*	
0CS3	0CP	13-008	109	IO 0CS3	B30/E4		
0CS3	0CONDIS	13-016	009	0 RS3	B31/F2		
0CSC04L	0CONT	04-016	018	IO CSC04L	B1/F3	*	
0CSC04L	0CONT	04-016	019	IO CSC04L	B1/F3		
0CSC13L	0CP	13-008	018	IO 0CSC13L	B30/E4		
0CSC13L	0CP	13-008	019	IO 0CSC13L	B30/E4		
0CSCW1C	TS04096	04-096	033	IO 0CSCW1C	B15/E0		
0CSCW1C	TS04997	04-097	033	IO 0CSCW1C	B15/H0		
0CSCW1C	1MROMRAM	04-126	050	I IN4	B22/F1		
0CSCW1C	0CONDIS	13-016	012	0 SCW3B1	B31/F2		
0CSCX0C	0MROMRAM	04-058	110	I SSSCXCON	B8/F1		

A

B

C

D

E

F

G

H

0123456789

31 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
0CSCX0C	0CONDIS		13-016	018	0	SCX0	B31/F2
0CSCX1C	1MR0MRAM		04-126	307	I	OSSCXCON	B22/F2
0CSCX1C	0CONDIS		13-016	017	0	SCX1	B31/F2
0CSCY1C	1MR0MRAM		04-126	306	I	OSSCYCON	B22/F2
0CSCY1C	0CONDIS		13-016	118	0	SCY1	B31/F2
0CSCZ0C	0MR0MRAM		04-058	111	I	SSSCZCON	B8/F1
0CSCZ0C	0CONDIS		13-016	015	0	SCZ0	B31/F2
0CSCZ1C	1MR0MRAM		04-126	305	I	OSSCZCON	B22/F2
0CSCZ1C	0CONDIS		13-016	014	0	SCZ1	B31/F2
0CTSLT1	0MR0MRAM		04-058	246	IO	CTSLT1	B8/F1
0CTSLT1	TFD04087		04-087	043	IO	0CTSLT1	B13/E2 *
0CTSTA	0CONDIS		13-016	146	0	TSTA	B31/F2 *
0CTSTB	0CONDIS		13-016	046	0	TSTB	B31/F2 *
0D00B1	0MEM5		04-022	344	0	D00B0	B2/F0
0D00B1	0MEM4		04-028	344	0	D00B0	B2/F3
0D00B1	0MEM3		04-034	344	0	D00B0	B2/F5
0D00B1	TFD04039		04-039	040	IO	0D00B1	B3/E3 *
0D00B1	0MEM2		04-040	344	0	D00B0	B5/F2
0D00B1	0MEM1		04-046	344	0	D00B0	B5/F5
0D00B1	0MPDMC		04-052	250	IO	D00B1	B6/G2
0D01B1	0MEM5		04-022	347	0	D01B0	B2/F0
0D01B1	0MEM4		04-028	347	0	D01B0	B2/F3
0D01B1	0MEM3		04-034	347	0	D01B0	B2/F5
0D01B1	TFD04039		04-039	045	IO	0D01B1	B3/E3 *
0D01B1	0MEM2		04-040	347	0	D01B0	B5/F2
0D01B1	0MEM1		04-046	347	0	D01B0	B5/F5
0D01B1	0MPDMC		04-052	050	IO	D01B1	B6/G2
0D02B1	0MEM5		04-022	350	0	D02B0	B2/F0
0D02B1	0MEM4		04-028	350	0	D02B0	B2/F3
0D02B1	0MEM3		04-034	350	0	D02B0	B2/F5
0D02B1	TFD04039		04-039	049	IO	0D02B1	B3/E3 *
0D02B1	0MEM2		04-040	350	0	D02B0	B5/F2
0D02B1	0MEM1		04-046	350	0	D02B0	B5/F5
0D02B1	0MPDMC		04-052	349	IO	D02B1	B6/G2
0D03B1	0MEM5		04-022	353	0	D03B0	B2/F0
0D03B1	0MEM4		04-028	353	0	D03B0	B2/F3
0D03B1	0MEM3		04-034	353	0	D03B0	B2/F5
0D03B1	TFD04039		04-039	053	IO	0D03B1	B3/E3 *
0D03B1	0MEM2		04-040	353	0	D03B0	B5/F2
0D03B1	0MEM1		04-046	353	0	D03B0	B5/F5
0D03B1	0MPDMC		04-052	249	IO	D03B1	B6/G2
0D04B1	0MEM5		04-022	301	0	D04B0	B2/F0
0D04B1	0MEM4		04-028	301	0	D04B0	B2/F3
0D04B1	0MEM3		04-034	301	0	D04B0	B2/F5
0D04B1	TFD04039		04-039	000	IO	0D04B1	B3/E3 *
0D04B1	0MEM2		04-040	301	0	D04B0	B5/F2
0D04B1	0MEM1		04-046	301	0	D04B0	B5/F5
0D04B1	0MPDMC		04-052	149	IO	D04B1	B6/G2
0D05B1	0MEM5		04-022	304	0	D05B0	B2/F0
0D05B1	0MEM4		04-028	304	0	D05B0	B2/F3
0D05B1	0MEM3		04-034	304	0	D05B0	B2/F5
0D05B1	TFD04039		04-039	004	IO	0D05B1	B3/E3 *
0D05B1	0MEM2		04-040	304	0	D05B0	B5/F2
0D05B1	0MEM1		04-046	304	0	D05B0	B5/F5
0D05B1	0MPDMC		04-052	049	IO	D05B1	B6/G2
0D06B1	0MEM5		04-022	307	0	D06B0	B2/F0
0D06B1	0MEM4		04-028	307	0	D06B0	B2/F3
0D06B1	0MEM3		04-034	307	0	D06B0	B2/F5
0D06B1	TFD04039		04-039	008	IO	0D06B1	B3/E3 *
0D06B1	0MEM2		04-040	307	0	D06B0	B5/F2
0D06B1	0MEM1		04-046	307	0	D06B0	B5/F5
0D06B1	0MPDMC		04-052	348	IO	D06B1	B6/G2
0D07B1	0MEM5		04-022	310	0	D07B0	B2/F0
0D07B1	0MEM4		04-028	310	0	D07B0	B2/F3
0D07B1	0MEM3		04-034	310	0	D07B0	B2/F5
0D07B1	TFD04039		04-039	013	IO	0D07B1	B3/E3 *
0D07B1	0MEM2		04-040	310	0	D07B0	B5/F2
0D07B1	0MEM1		04-046	310	0	D07B0	B5/F5
0D07B1	0MPDMC		04-052	248	IO	D07B1	B6/G2
0D08B1	0MEM5		04-022	345	0	D08B0	B2/F0
0D08B1	0MEM4		04-028	345	0	D08B0	B2/F3
0D08B1	0MEM3		04-034	345	0	D08B0	B2/F5
0D08B1	TFD04039		04-039	042	IO	0D08B1	B3/E3 *
0D08B1	0MEM2		04-040	345	0	D08B0	B5/F2
0D08B1	0MEM1		04-046	345	0	D08B0	B5/F5
0D08B1	0MPDMC		04-052	148	IO	D08B1	B6/G2
0D09B1	0MEM5		04-022	348	0	D09B0	B2/F0
0D09B1	0MEM4		04-028	348	0	D09B0	B2/F3

32 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
0D09B1	0MEM3		04-034	348	0	D09B0	B2/F5
0D09B1	TFD04039		04-039	047	IO	0D09B1	B3/E3 *
0D09B1	0MEM2		04-040	348	0	D09B0	B5/F2
0D09B1	0MEM1		04-046	348	0	D09B0	B5/F5
0D09B1	0MPDMC		04-052	048	IO	D09B1	B6/G2
0D10B1	0MEM5		04-022	351	0	D10B0	B2/F0
0D10B1	0MEM4		04-028	351	0	D10B0	B2/F3
0D10B1	0MEM3		04-034	351	0	D10B0	B2/F5
0D10B1	TFD04039		04-039	051	IO	0D10B1	B3/E3 *
0D10B1	0MEM2		04-040	351	0	D10B0	B5/F2
0D10B1	0MEM1		04-046	351	0	D10B0	B5/F5
0D10B1	0MPDMC		04-052	347	IO	D10B1	B6/G2
0D11B1	0MEM5		04-022	354	0	D11B0	B2/F0
0D11B1	0MEM4		04-028	354	0	D11B0	B2/F3
0D11B1	0MEM3		04-034	354	0	D11B0	B2/F5
0D11B1	TFD04039		04-039	055	IO	0D11B1	B3/E3 *
0D11B1	0MEM2		04-040	354	0	D11B0	B5/F2
0D11B1	0MEM1		04-046	354	0	D11B0	B5/F5
0D11B1	0MPDMC		04-052	247	IO	D11B1	B6/G2
0D12B1	0MEM5		04-022	302	0	D12B0	B2/F0
0D12B1	0MEM4		04-028	302	0	D12B0	B2/F3
0D12B1	0MEM3		04-034	302	0	D12B0	B2/F5
0D12B1	TFD04039		04-039	001	IO	0D12B1	B3/E3 *
0D12B1	0MEM2		04-040	302	0	D12B0	B5/F2
0D12B1	0MEM1		04-046	302	0	D12B0	B5/F5
0D12B1	0MPDMC		04-052	147	IO	D12B1	B6/G2
0D13B1	0MEM5		04-022	305	0	D13B0	B2/F0
0D13B1	0MEM4		04-028	305	0	D13B0	B2/F3
0D13B1	0MEM3		04-034	305	0	D13B0	B2/F5
0D13B1	TFD04039		04-039	005	IO	0D13B1	B3/E3 *
0D13B1	0MEM2		04-040	305	0	D13B0	B5/F2
0D13B1	0MEM1		04-046	305	0	D13B0	B5/F5
0D13B1	0MPDMC		04-052	346	IO	D13B1	B6/G2
0D14B1	0MEM5		04-022	308	0	D14B0	B2/F0
0D14B1	0MEM4		04-028	308	0	D14B0	B2/F3
0D14B1	0MEM3		04-034	308	0	D14B0	B2/F5
0D14B1	TFD04039		04-039	009	IO	0D14B1	B3/E3 *
0D14B1	0MEM2		04-040	308	0	D14B0	B5/F2
0D14B1	0MEM1		04-046	308	0	D14B0	B5/F5
0D14B1	0MPDMC		04-052	246	IO	D14B1	B6/G2
0D15B1	0MEM5		04-022	311	0	D15B0	B2/F0
0D15B1	0MEM4		04-028	311	0	D15B0	B2/F3
0D15B1	0MEM3		04-034	311	0	D15B0	B2/F5
0D15B1	TFD04039		04-039	014	IO	0D15B1	B3/E3 *
0D15B1	0MEM2		04-040	311	0	D15B0	B5/F2
0D15B1	0MEM1		04-046	311	0	D15B0	B5/F5
0D15B1	0MPDMC		04-052	146	IO	D15B1	B6/G2
0D16B1	0MEM5		04-022	045	0	D16B0	B2/F0
0D16B1	0MEM4		04-028	045	0	D16B0	B2/F3
0D16B1	0MEM3		04-034	045	0	D16B0	B2/F5
0D16B1	TFD04039		04-039	041	IO	0D16B1	B3/E3 *
0D16B1	0MEM2		04-040	045	0	D16B0	B5/F2
0D16B1	0MEM1		04-046	045	0	D16B0	B5/F5
0D16B1	0MPDMC		04-052	046	IO	D16B1	B6/G2
0D17B1	0MEM5		04-022	048	0	D17B0	B2/F0
0D17B1	0MEM4		04-028	048	0	D17B0	B2/F3
0D17B1	0MEM3		04-034	048	0	D17B0	B2/F5
0D17B1	TFD04039		04-039	046	IO	0D17B1	B3/E3 *
0D17B1	0MEM2		04-040	048	0	D17B0	B5/F2
0D17B1	0MEM1		04-046	048	0	D17B0	B5/F5
0D17B1	0MPDMC		04-052	345	IO	D17B1	B6/G2
0D18B1	0MEM5		04-022	051	0	D18B0	B2/F0
0D18B1	0MEM4		04-028	051	0	D18B0	B2/F3
0D18B1	0MEM3		04-034	051	0	D18B0	B2/F5
0D18B1	TFD04039		04-039	050	IO	0D18B1	B3/E3 *
0D18B1	0MEM2		04-040	051	0	D18B0	B5/F2
0D18B1	0MEM1		04-046	051	0	D18B0	B5/F5
0D18B1	0MPDMC		04-052	245	IO	D18B1	B6/G2
0D19B1	0MEM5		04-022	054	0	D19B0	B2/F0
0D19B1	0MEM4		04-028	054	0	D19B0	B2/F3
0D19B1	0MEM3		04-034	054	0	D19B0	B2/F5
0D19B1	TFD04039		04-039	054	IO	0D19B1	B3/E3 *
0D19B1	0MEM2		04-040	054	0	D19B0	B5/F2
0D19B1	0MEM1		04-046	054	0	D19B0	B5/F5
0D19B1	0MPDMC		04-052	145	IO	D19B1	B6/G2
0D20B1	0MEM5		04-022	002	0	D20B0	B2/F0
0D20B1	0MEM4		04-028	002	0	D20B0	B2/F3
0D20B1	0MEM3		04-034	002	0	D20B0	B2/F5
0D20B1	TFD04039		04-039	002	IO	0D20B1	B3/E3 *
0D20B1	0MEM2		04-040	002	0	D20B0	B5/F2
0D20B1	0MEM1		04-046	002	0	D20B0	B5/F5
0D20B1	0MPDMC		04-052	045	IO	D20B1	B6/G2
0D21B1	0MEM5		04-022	005	0	D21B0	B2/F0

33 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
0D21B1	0MEM4		04-028	005	0	D21B0	B2/F3
0D21B1	0MEM3		04-034	005	0	D21B0	B2/F5
0D21B1	TFD04039		04-039	006	IO	0D21B1	B3/E3 *
0D21B1	0MEM2		04-040	005	0	D21B0	B5/F2
0D21B1	0MEM1		04-046	005	0	D21B0	B5/F5
0D21B1	0MPDMC		04-052	244	IO	D21B1	B6/G2
0D22B1	0MEM5		04-022	008	0	D22B0	B2/F0
0D22B1	0MEM4		04-028	008	0	D22B0	B2/F3
0D22B1	0MEM3		04-034	008	0	D22B0	B2/F5
0D22B1	TFD04039		04-039	010	IO	0D22B1	B3/E3 *
0D22B1	0MEM2		04-040	008	0	D22B0	B5/F2
0D22B1	0MEM1		04-046	008	0	D22B0	B5/F5
0D22B1	0MPDMC		04-052	144	IO	D22B1	B6/G2
0D23B1	0MEM5		04-022	011	0	D23B0	B2/F0
0D23B1	0MEM4		04-028	011	0	D23B0	B2/F3
0D23B1	0MEM3		04-034	011	0	D23B0	B2/F5
0D23B1	TFD04039		04-039	015	IO	0D23B1	B3/E3 *
0D23B1	0MEM2		04-040	011	0	D23B0	B5/F2
0D23B1	0MEM1		04-046	011	0	D23B0	B5/F5
0D23B1	0MPDMC		04-052	044	IO	D23B1	B6/G2
0D24B1	0MEM5		04-022	046	0	D24B0	B2/F0
0D24B1	0MEM4		04-028	046	0	D24B0	B2/F3
0D24B1	0MEM3		04-034	046	0	D24B0	B2/F5
0D24B1	TFD04039		04-039	043	IO	0D24B1	B3/E3 *
0D24B1	0MEM2		04-040	046	0	D24B0	B5/F2
0D24B1	0MEM1		04-046	046	0	D24B0	B5/F5
0D24B1	0MPDMC		04-052	343	IO	D24B1	B6/G2
0D25B1	0MEM5		04-022	049	0	D25B0	B2/F0
0D25B1	0MEM4		04-028	049	0	D25B0	B2/F3
0D25B1	0MEM3		04-034	049	0	D25B0	B2/F5
0D25B1	TFD04039		04-039	048	IO	0D25B1	B3/E3 *
0D25B1	0MEM2		04-040	049	0	D25B0	B5/F2
0D25B1	0MEM1		04-046	049	0	D25B0	B5/F5
0D25B1	0MPDMC		04-052	243	IO	D25B1	B6/G2
0D26B1	0MEM5		04-022	052	0	D26B0	B2/F0
0D26B1	0MEM4		04-028	052	0	D26B0	B2/F3
0D26B1	0MEM3		04-034	052	0	D26B0	B2/F5
0D26B1	TFD04039		04-039	052	IO	0D26B1	B3/E3 *
0D26B1	0MEM2		04-040	052	0	D26B0	B5/F2
0D26B1	0MEM1		04-046	052	0	D26B0	B5/F5
0D26B1	0MPDMC		04-052	143	IO	D26B1	B6/G2
0D27B1	0MEM5		04-022	055	0	D27B0	B2/F0
0D27B1	0MEM4		04-028	055	0	D27B0	B2/F3
0D27B1	0MEM3		04-034	055	0	D27B0	B2/F5
0D27B1	TFD04039		04-039	056	IO	0D27B1	B3/E3 *
0D27B1	0MEM2		04-040	055	0	D27B0	B5/F2
0D27B1	0MEM1		04-046	055	0	D27B0	B5/F5
0D27B1	0MPDMC		04-052	043	IO	D27B1	B6/G2
0D28B1	0MEM5		04-022	003	0	D28B0	B2/F0
0D28B1	0MEM4		04-028	003	0	D28B0	B2/F3
0D28B1	0MEM3		04-034	003	0	D28B0	B2/F5
0D28B1	TFD04039		04-039	003	IO	0D28B1	B3/E3 *
0D28B1	0MEM2		04-040	003	0	D28B0	B5/F2
0D28B1	0MEM1		04-046	003	0	D28B0	B5/F5
0D28B1	0MPDMC		04-052	342	IO	D28B1	B6/G2
0D29B1	0MEM5		04-022	006	0	D29B0	B2/F0
0D29B1	0MEM4		04-028	006	0	D29B0	B2/F3
0D29B1	0MEM3		04-034	006	0	D29B0	B2/F5
0D29B1	TFD04039		04-039	007	IO	0D29B1	B3/E3 *
0D29B1	0MEM2		04-040	006	0	D29B0	B5/F2
0D29B1	0MEM1		04-046	006	0	D29B0	B5/F5
0D29B1	0MPDMC		04-052	242	IO	D29B1	B6/G2
0D30B1	0MEM5		04-022	009	0	D30B0	B2/F0
0D30B1	0MEM4		04-028	009	0	D30B0	B2/F3
0D30B1	0MEM3		04-034	009	0	D30B0	B2/F5
0D30B1	TFD04039		04-039	011	IO	0D30B1	B3/E3 *

A

B

C

D

E

F

G

H

34 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
0D30B1	0MEM2	04-040	009	0	D30B0	B5/F2	
0D30B1	0MEM1	04-046	009	0	D30B0	B5/F5	
0D30B1	0MPDMC	04-052	142	10	D30B1	B6/G2	
0D31B1	0MEM5	04-022	012	0	D31B0	B2/F0	
0D31B1	0MEM4	04-028	012	0	D31B0	B2/F3	
0D31B1	0MEM3	04-034	012	0	D31B0	B2/F5	
0D31B1	TFD04039	04-039	016	10	0D31B1	B3/E3	*
0D31B1	0MEM2	04-040	012	0	D31B0	B5/F2	
0D31B1	0MEM1	04-046	012	0	D31B0	B5/F5	
0D31B1	0MPDMC	04-052	042	10	D31B1	B6/G2	
0DA0	0MEM5	04-022	313	0	DPAB0	B2/F0	
0DA0	0MEM4	04-028	313	0	DPAB0	B2/F3	
0DA0	0MEM3	04-034	313	0	DPAB0	B2/F5	
0DA0	TFD04039	04-039	019	10	0DA0	B3/E3	*
0DA0	0MEM2	04-040	313	0	DPAB0	B5/F2	
0DA0	0MEM1	04-046	313	0	DPAB0	B5/F5	
0DA0	0MPDMC	04-052	041	10	DA0	B6/G2	
0DAFF0	0MPS	04-070	347	0	DAFF0	B10/F2	
0DAFF0	TFD04082	04-082	242	10	0DAFF0	B12/F1	
0DDGN0C	0MROMRAM	04-058	310	0	BIT6	B8/F1	
0DDGN0C	0DLI	13-084	223	10	0DDGN0C	B41/E0	
0DDGN1C	TS04096	04-096	036	10	0DDGN1C	B15/E0	
0DDGN1C	TS04097	04-097	036	10	0DDGN1C	B15/H0	
0DDGN1C	1MROMRAM	04-126	310	0	BIT6	B22/F2	
0DDGN1C	0DLI	13-084	239	10	0DDGN1C	B41/E0	
0DI00	0MEM5	04-022	014	0	DH00B0	B2/F0	
0DI00	0MEM4	04-028	014	0	DH00B0	B2/F3	
0DI00	0MEM3	04-034	014	0	DH00B0	B2/F5	
0DI00	TFD04039	04-039	017	10	0DI00	B3/E3	*
0DI00	0MEM2	04-040	014	0	DH00B0	B5/F2	
0DI00	0MEM1	04-046	014	0	DH00B0	B5/F5	
0DI00	0MPDMC	04-052	040	10	DI00	B6/G2	
0DI10	0MEM5	04-022	314	0	DH01B0	B2/F0	
0DI10	0MEM4	04-028	314	0	DH01B0	B2/F3	
0DI10	0MEM3	04-034	314	0	DH01B0	B2/F5	
0DI10	TFD04039	04-039	020	10	0DI10	B3/E3	*
0DI10	0MEM2	04-040	314	0	DH01B0	B5/F2	
0DI10	0MEM1	04-046	314	0	DH01B0	B5/F5	
0DI10	0MPDMC	04-052	140	10	DI10	B6/G2	
0DI20	0MEM5	04-022	039	0	DH02B0	B2/F0	
0DI20	0MEM4	04-028	039	0	DH02B0	B2/F3	
0DI20	0MEM3	04-034	039	0	DH02B0	B2/F5	
0DI20	TFD04039	04-039	037	10	0DI20	B3/E3	*
0DI20	0MEM2	04-040	039	0	DH02B0	B5/F2	
0DI20	0MEM1	04-046	039	0	DH02B0	B5/F5	
0DI20	0MPDMC	04-052	240	10	DI20	B6/G2	
0DI30	0MEM5	04-022	042	0	DH03B0	B2/F0	
0DI30	0MEM4	04-028	042	0	DH03B0	B2/F3	
0DI30	0MEM3	04-034	042	0	DH03B0	B2/F5	
0DI30	TFD04039	04-039	039	10	0DI30	B3/E3	*
0DI30	0MEM2	04-040	042	0	DH03B0	B5/F2	
0DI30	0MEM1	04-046	042	0	DH03B0	B5/F5	
0DI30	0MPDMC	04-052	340	10	DI30	B6/G2	
0DIATA0P	0DI1	13-040	319	0	NIBINA	B34/F3	
0DIATA0P	0TSI	13-062	017	1	DIAN3I	B37/E0	
0DIATB0P	0DI0	13-048	319	0	NIBINA	B35/F2	
0DIATB0P	0TSI	13-062	019	1	DIBN3I	B37/E0	
0DIBTA0Z	0DI1	13-040	219	0	NIBINB	B34/F3	
0DIBTA0Z	0TSI	13-062	117	1	DIAN2I	B37/E0	
0DIBTB0Z	0DI0	13-048	219	0	NIBINB	B35/F2	
0DIBTB0Z	0TSI	13-062	119	1	DIBN2I	B37/E0	
0DICTA0Y	0DI1	13-040	119	0	NIBINC	B34/F3	
0DICTA0Y	0TSI	13-062	217	1	DIANI1	B37/E0	
0DICTB0Y	0DI0	13-048	119	0	NIBINC	B35/F2	
0DICTB0Y	0TSI	13-062	219	1	DIBN1I	B37/E0	
0DIDTA0X	0DI1	13-040	019	0	NIBIND	B34/F3	
0DIDTA0X	0TSI	13-062	317	1	DIANO1	B37/E0	
0DIDTB0X	0DI0	13-048	019	0	NIBIND	B35/F2	
0DIDTB0X	0TSI	13-062	319	1	DIBN01	B37/E0	
0DINT	TFD13083	13-083	014	10	0DINT	B40/F2	*
0DINT	0DLI	13-084	224	10	0DINT	B41/E0	
0DLI+CP	0DLI	13-084	112	10	0DLI+CP	B41/E0	
0DLI-CP	0DLI	13-084	012	10	0DLI-CP	B41/E0	
0DLI48R	TFD11080	11-080	002	6	0DLI48R	B30/F1	*

35 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
0DLI48R	TFD13083	13-083	013	6	0DLI48R	B40/F2	*
0DLI48R	0DLI	13-084	003	10	0DLI48R	B41/E0	
0DLI48R	0DLI	13-084	103	10	0DLI48R	B41/E0	
0DLIAD	TFD13083	13-083	019	10	0DLIAD	B40/F2	*
0DLIAD	0DLI	13-084	333	10	0DLIAD	B41/E0	
0DLIALM	TFD13083	13-083	000	10	0DLIALM	B40/F2	*
0DLIALM	TFD13083	13-083	022	10	0DLIALM	B40/F2	*
0DLIALMP	TFD13083	13-083	018	10	0DLIALMP	B40/F2	*
0DLIALMP	0DLI	13-084	347	10	0DLIALMP	B41/E0	
0DLIALMR	TFD13083	13-083	023	10	0DLIALMR	B40/F2	*
0DLIALMR	0DLI	13-084	345	10	0DLIALMR	B41/E0	
0DLIRA7	0DLI	13-084	335	10	0DLIRA7	B41/E0	
0DLIRA7	0DLI	13-084	336	10	0DLIRA7	B41/E0	
0DLIS1	TFD13083	13-083	017	10	0DLIS1	B40/F2	*
0DLIS1	0DLI	13-084	212	10	0DLIS1	B41/E0	
0DLIS2	TFD13083	13-083	016	10	0DLIS2	B40/F2	*
0DLIS2	0DLI	13-084	211	10	0DLIS2	B41/E0	
0DLIS3	TFD13083	13-083	015	10	0DLIS3	B40/F2	*
0DLIS3	0DLI	13-084	210	10	0DLIS3	B41/E0	
0DLITSTA	TFD13083	13-083	001	10	0DLITSTA	B40/F2	*
0DLITSTA	0DLI	13-084	346	10	0DLITSTA	B41/E0	
0DLPA0DI	0DI1	13-040	144	1	LOOPEN1	B34/F3	
0DLPA0DI	0TSI	13-062	144	1	DIALP	B37/E0	
0DLPB0DI	0DI0	13-048	144	1	LOOPEN1	B35/F2	
0DLPB0DI	0TSI	13-062	044	0	DIBLP	B37/E0	
0DMAIN0	0MPCOM	04-064	217	1	DMAIN0	B9/F2	
0DMAIN0	0MPS	04-070	208	0	DMAIN0	B10/F2	
0DMAIN0	0MPC	04-076	153	1	DMAIN0	B11/F3	
0DMARD0	0MPCOM	04-064	106	0	DMARD0	B9/F2	
0DMARD0	0MPC	04-076	204	1	DMARD0	B11/F3	
0DMARQ0	0MPCOM	04-064	345	0	DMARQT0	B9/F2	
0DMARQ0	0MPC	04-076	152	1	SBUSQA0	B11/F3	
0DMAWR0	0MPCOM	04-064	204	0	DMAWR0	B9/F2	
0DMAWR0	0MPC	04-076	104	1	DMAWR0	B11/F3	
0DMB10	0MPS	04-070	045	0	DMB10	B10/F2	
0DMB10	TFD04082	04-082	240	10	0DMB10	B12/F1	
0DMB20	0MPS	04-070	145	0	DMB20	B10/F2	
0DMB20	TFD04082	04-082	340	10	0DMB20	B12/F1	
0DMB30	0MPS	04-070	147	0	DMB30	B10/F2	
0DMB30	TFD04082	04-082	341	10	0DMB30	B12/F1	
0D00SSP	TFD13083	13-083	020	10	0D00SSP	B40/F2	*
0D00SSP	0DLI	13-084	208	10	0D00SSP	B41/E0	
0D00SC0N	TFD13083	13-083	021	10	0D00SC0N	B40/F2	*
0D00SC0N	0DLI	13-084	209	10	0D00SC0N	B41/E0	
0DORRQ0	0MPS	04-070	354	0	DORRQ0	B10/F2	
0DORRQ0	0MPC	04-076	053	1	DORRQ0	B11/F3	
0DPERR0	0MPS	04-070	204	1	DPERR0	B10/F2	
0DPERR0	0MPC	04-076	009	0	DPERR0	B11/F3	
0DSCW0C	0MROMRAM	04-058	251	1	IN5	B8/F1	
0DSCW0C	0DLI	13-084	222	10	0DSCW0C	B41/E0	
0DSCW1C	TS04096	04-096	032	10	0DSCW1C	B15/E0	
0DSCW1C	TS04097	04-097	032	10	0DSCW1C	B15/H0	
0DSCW1C	1MROMRAM	04-126	251	1	IN5	B22/F2	
0DSCW1C	0DLI	13-084	319	10	0DSCW1C	B41/E0	
0DSCX0C	0MROMRAM	04-058	109	1	SSSCXDLI	B8/F1	
0DSCX0C	0DLI	13-084	342	10	0DSCX0C	B41/E0	
0DSCX1C	1MROMRAM	04-126	109	1	SSSCXDLI	B22/F2	
0DSCX1C	0DLI	13-084	344	10	0DSCX1C	B41/E0	
0DSCY0C	0MROMRAM	04-058	108	1	SSSCYDLI	B8/F1	
0DSCY0C	0DLI	13-084	337	10	0DSCY0C	B41/E0	
0DSCY1C	1MROMRAM	04-126	108	1	SSSCYDLI	B22/F2	
0DSCY1C	0DLI	13-084	233	10	0DSCY1C	B41/E0	
0DSOFT20	0MPS	04-070	244	0	DSOFT20	B10/F2	
0DSOFT20	TFD04082	04-082	239	10	0DSOFT20	B12/F1	
0DTHEN0	0MPS	04-070	048	0	DTHEN0	B10/F2	

36 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
0DTHEN0	TFD04082	04-082	342		IO 0DTHEN0	B12/F1	
0DUP0	0MPS	04-070	247	0	DUP0	B10/F2	
0DUP0	TFD04082	04-082	241	IO	0DUP0	B12/F1	
0DX0	0MEM5	04-022	015	0	DPXB0	B2/F0	
0DX0	0MEM4	04-028	015	0	DPXB0	B2/F3	
0DX0	0MEM3	04-034	015	0	DPXB0	B2/F5	
0DX0	TFD04039	04-039	018	IO	0DX0	B3/E3	*
0DX0	0MEM2	04-040	015	0	DPXB0	B5/F2	
0DX0	0MEM1	04-046	015	0	DPXB0	B5/F5	
0DX0	0MPDMC	04-052	141	IO	DX0	B6/G2	
0DY0	0MEM5	04-022	040	0	DPYB0	B2/F0	
0DY0	0MEM4	04-028	040	0	DPYB0	B2/F3	
0DY0	0MEM3	04-034	040	0	DPYB0	B2/F5	
0DY0	TFD04039	04-039	036	IO	0DY0	B3/E3	*
0DY0	0MEM2	04-040	040	0	DPYB0	B5/F2	
0DY0	0MEM1	04-046	040	0	DPYB0	B5/F5	
0DY0	0MPDMC	04-052	341	IO	DY0	B6/G2	
0DYNSEL1	0MPDMC	04-052	106	I	DYNSEL1	B6/G2	
0DYNSEL1	0MROMRAM	04-058	153	I	DYNSEL1	B8/F1	
0DYNSEL1	0MPS	04-070	310	IO	DYNSEL1	B10/F2	
0DZ0	0MEM5	04-022	043	0	DP0ZB0	B2/F0	
0DZ0	0MEM4	04-028	043	0	DP0ZB0	B2/F3	
0DZ0	0MEM3	04-034	043	0	DP0ZB0	B2/F5	
0DZ0	TFD04039	04-039	038	IO	0DZ0	B3/E3	*
0DZ0	0MEM2	04-040	043	0	DP0ZB0	B5/F2	
0DZ0	0MEM1	04-046	043	0	DP0ZB0	B5/F5	
0DZ0	0MPDMC	04-052	339	IO	DZ0	B6/G2	
0EMACT1	0MPDMC	04-052	205	I	EMACT1	B6/G2	
0EMACT1	0MPC	04-076	208	0	EMACT1	B11/F3	
0EXTRA4	TFD04045	04-045	001	IO	0EXTRA4	B4/E3	*
0EXTRA4	0MPDMC	04-052	103	IO	A2111	B6/G2	
0FA0	0MROMRAM	04-058	123	0	FA0	B8/F1	
0FA0	0MPCOM	04-064	223	I	FACT0	B9/F2	
0FR0	0MROMRAM	04-058	122	0	FR0	B8/F1	
0FR0	0MPS	04-070	350	I	FORCE0	B10/F2	
0FS0	0MROMRAM	04-058	023	IO	CPIWIRE	B8/F1	
0FS0	0MPCOM	04-064	123	I	FINACT0	B9/F2	
0FTEXT0	0MPS	04-070	056	0	FTEXT0	B10/F2	
0FTEXT0	0MPC	04-076	022	I	FTEXT0	B11/F3	
0GOIA1	0MEM4	04-028	223	I	S0S1	B2/F3	
0GOIA1	0MEM3	04-034	223	I	S0S1	B2/F5	
0GOIA1	0MEM2	04-040	223	I	S0S1	B5/F2	
0GOIA1	0MEM1	04-046	223	I	S0S1	B5/F5	
0GOIA1	0MPDMC	04-052	206	0	GOIA1	B6/G2	
0GOIC1	TFD04045	04-045	004	IO	0GOIC1	B4/E3	*
0GOIC1	0MPDMC	04-052	307	0	GOIC1	B6/G2	
0GOID1	TFD04045	04-045	005	IO	0GOID1	B4/E3	*
0GOID1	0MPDMC	04-052	220	0	GOID1	B6/G2	
0HAMWIN0	0MPDMC	04-052	032	I	HAMWIN0	B6/G2	
0HAMWIN0	0MROMRAM	04-058	024	I	HAMWIN0	B8/F1	
0HAMWIN0	0MPC	04-076	055	0	HAMWIN0	B11/F3	
0HRHIT1	0MPDMC	04-052	256	IO	0HRHIT1	B6/G2	
0HRHIT1	0MPC	04-076	249	IO	HRHIT0	B11/F3	
0HRL0AD1	0MPDMC	04-052	156	IO	0HRL0AD1	B6/G2	
0HRL0AD1	0MPC	04-076	149	0	0HRL0AD0	B11/F3	
0HROFF1	0MPDMC	04-052	056	IO	0HROFF1	B6/G2	
0HROFF1	0MPC	04-076	049	IO	0HROFF1	B11/F3	

A

B

C

D

E

F

G

H

0123456789

37 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMOD	SYMLC	XT
0IDL00DI	0DI1	13-040	044	I	IDL00P0	B34/F3	
0IDL00DI	0TSI	13-062	149	O	DSUBCP	B37/E0	
0IDL00DI	0DI0	13-048	044	I	IDL00P0	B35/F2	
0IDL00DI	0TSI	13-062	049	O	DIBID	B37/E0	
0IN7	0MROMRAM	04-058	056	I	IN7	B8/F1	
0IN7	TFD04087	04-087	040	O	0IN7	B13/E2	
0INTA0	0MPC	04-070	205	I	INTA0	B10/F2	
0INTA0	0MPC	04-076	353	O	INTA0	B11/F3	
0INTA40	0MPCOM	04-064	147	I	INTA0	B9/F2	
0INTA40	0MPC	04-076	348	O	INTA40	B11/F3	
0INTR0	0MPCOM	04-064	122	O	INTR0	B9/F2	
0INTR0	0MPC	04-076	124	I	INTRA0	B11/F3	
0INTR50	0MROMRAM	04-058	240	O	INTR50	B8/F1	
0INTR50	0MPC	04-076	024	I	INTR50	B11/F3	
0I08SEL1	0MPDMC	04-052	255	I	I08SEL1	B6/G2	
0I08SEL1	0MROMRAM	04-058	355	I	I08SEL1	B8/F1	
0I08SEL1	0MPCOM	04-064	355	I	I08SEL1	B9/F2	
0I08SEL1	0MPS	04-070	011	O	I08SEL1	B10/F2	
0I08SEL1	TFD04082	04-082	124	O	0I08SEL1	B12/F1	
0I0D0	0MPDMC	04-052	051	O	I0D0	B6/G2	
0I0D0	0MROMRAM	04-058	248	O	I0D0	B8/F1	
0I0D0	0MPCOM	04-064	248	O	I0D0	B9/F2	
0I0D0	0MPS	04-070	234	O	I0D0	B10/F2	
0I0D0	TFD04082	04-082	113	O	0I0D0	B12/F1	
0I0D1	0MPDMC	04-052	151	O	I0D1	B6/G2	
0I0D1	0MROMRAM	04-058	349	O	I0D1	B8/F1	
0I0D1	0MPCOM	04-064	349	O	I0D1	B9/F2	
0I0D1	0MPS	04-070	334	O	I0D1	B10/F2	
0I0D1	TFD04082	04-082	112	O	0I0D1	B12/F1	
0I0D2	0MPDMC	04-052	251	O	I0D2	B6/G2	
0I0D2	0MROMRAM	04-058	250	O	I0D2	B8/F1	
0I0D2	0MPCOM	04-064	250	O	I0D2	B9/F2	
0I0D2	0MPS	04-070	333	O	I0D2	B10/F2	
0I0D2	TFD04082	04-082	111	O	0I0D2	B12/F1	
0I0D3	0MPDMC	04-052	351	O	I0D3	B6/G2	
0I0D3	0MROMRAM	04-058	350	O	I0D3	B8/F1	
0I0D3	0MPCOM	04-064	350	O	I0D3	B9/F2	
0I0D3	0MPS	04-070	233	O	I0D3	B10/F2	
0I0D3	TFD04082	04-082	110	O	0I0D3	B12/F1	
0I0D4	0MPDMC	04-052	052	O	I0D4	B6/G2	
0I0D4	0MROMRAM	04-058	351	O	I0D4	B8/F1	
0I0D4	0MPCOM	04-064	351	O	I0D4	B9/F2	
0I0D4	0MPS	04-070	133	O	I0D4	B10/F2	
0I0D4	TFD04082	04-082	109	O	0I0D4	B12/F1	
0I0D5	0MPDMC	04-052	152	O	I0D5	B6/G2	
0I0D5	0MROMRAM	04-058	252	O	I0D5	B8/F1	
0I0D5	0MPCOM	04-064	252	O	I0D5	B9/F2	
0I0D5	0MPS	04-070	033	O	I0D5	B10/F2	
0I0D5	TFD04082	04-082	108	O	0I0D5	B12/F1	
0I0D6	0MPDMC	04-052	252	O	I0D6	B6/G2	
0I0D6	0MROMRAM	04-058	352	O	I0D6	B8/F1	
0I0D6	0MPCOM	04-064	352	O	I0D6	B9/F2	
0I0D6	0MPS	04-070	032	O	I0D6	B10/F2	
0I0D6	TFD04082	04-082	106	O	0I0D6	B12/F1	
0I0D7	0MPDMC	04-052	352	O	I0D7	B6/G2	
0I0D7	0MROMRAM	04-058	353	O	I0D7	B8/F1	
0I0D7	0MPCOM	04-064	353	O	I0D7	B9/F2	
0I0D7	0MPS	04-070	132	O	I0D7	B10/F2	
0I0D7	TFD04082	04-082	105	O	0I0D7	B12/F1	
0I0RD0	0MPDMC	04-052	053	I	I0RD0	B6/G2	
0I0RD0	0MROMRAM	04-058	151	I	I0RD0	B8/F1	
0I0RD0	0MPCOM	04-064	151	I	I0RD0	B9/F2	
0I0RD0	0MPS	04-070	232	O	I0RD0	B10/F2	
0I0RD0	TFD04082	04-082	211	O	0I0RD0	B12/F1	
0I0WR0	0MPDMC	04-052	153	I	I0WR0	B6/G2	
0I0WR0	0MROMRAM	04-058	149	I	I0WR0	B8/F1	
0I0WR0	0MPCOM	04-064	149	I	I0WR0	B9/F2	
0I0WR0	0MPS	04-070	324	O	I0WR0	B10/F2	
0I0WR0	TFD04082	04-082	114	O	0I0WR0	B12/F1	
0LA0PTMD	0DLI	13-084	245	O	0LA0PTMD	B41/E0	
0LA0PTMD	TFD13106	13-106	154	O	0LA0PTMD	B44/G8	
0LA1PTMD	0DLI	13-084	244	O	0LA1PTMD	B41/E0	
0LA1PTMD	TFD13106	13-106	048	O	0LA1PTMD	B44/G8	
0LAB0	0MROMRAM	04-058	014	I	LAB0	B8/F1	
0LAB0	0MPS	04-070	308	I	LAB0	B10/F2	

38 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMOD	SYMLC	XT
0LARMTD	0DLI	13-084	246	O	0LARMTD	B41/E0	
0LARMTD	TFD13106	13-106	051	O	0LARMTD	B44/G8	
0LB0PTMD	0DLI	13-084	243	O	0LB0PTMD	B41/E0	
0LB0PTMD	TFD13106	13-106	153	O	0LB0PTMD	B44/G8	
0LB1PTMD	0DLI	13-084	242	O	0LB1PTMD	B41/E0	
0LB1PTMD	TFD13106	13-106	147	O	0LB1PTMD	B44/G8	
0LBRMTD	0DLI	13-084	241	O	0LBRMTD	B41/E0	
0LBRMTD	TFD13106	13-106	050	O	0LBRMTD	B44/G8	
0LCKMTS	0DLI	13-084	248	O	0LCKMTS	B41/E0	
0LCKMTS	TFD13106	13-106	049	O	0LCKMTS	B44/G8	
0LCPCK0P	0MPCOM	04-064	020	I	0PARCLK	B9/F2	
0LCPCK0P	0DLI	13-084	035	O	0LCPCK0P	B41/E0	
0LCPCK1P	0MPCON	04-120	020	I	0PARCLK	B21/F2	
0LCPCK1P	0DLI	13-084	046	O	0LCPCK1P	B41/E0	
0LINT	0DLI	13-084	247	O	0LINT	B41/E0	
0LINT	TFD13106	13-106	045	O	0LINT	B44/G8	
0LINT0UP	0MPCOM	04-064	341	I	0LERR0	B9/F2	
0LINT0UP	0DLI	13-084	141	O	0LINT0UP	B41/E0	
0LINT1UP	0MPCON	04-120	341	I	0LERR0	B21/F2	
0LINT1UP	0DLI	13-084	147	O	0LINT1UP	B41/E0	
0LMTCK0P	0MPCOM	04-064	054	I	0DLICK	B9/F2	
0LMTCK0P	0DLI	13-084	036	O	0LMTCK0P	B41/E0	
0LMTCK1P	0MPCON	04-120	054	I	0DLICK	B21/F2	
0LMTCK1P	0DLI	13-084	047	O	0LMTCK1P	B41/E0	
0LRCD0UP	0MPCOM	04-064	042	I	0DLI0IN	B9/F2	
0LRCD0UP	0DLI	13-084	142	O	0LRCD0UP	B41/E0	
0LRCD1UP	0MPCON	04-120	042	I	0DLI0IN	B21/F2	
0LRCD1UP	0DLI	13-084	148	O	0LRCD1UP	B41/E0	
0MATE4M0	0DLI	13-084	203	O	0MATE4M0	B41/E0	
0MATE4M0	1DLI	13-098	302	O	1MATE4M0	B44/E0	
0MATEEN	0DLI	13-084	104	O	0MATEEN	B41/E0	
0MATEEN	1DLI	13-098	004	O	1MATEEN	B44/E0	
0MC1	TFD04057	04-057	033	O	0MC1	B7/E3	
0MC2	TFD04057	04-057	032	O	0MC2	B7/E3	
0MCK8MH	0DLI	13-084	310	O	0MCK8MH	B41/E0	
0MCK8MH	1DLI	13-098	102	O	1MCK8MH	B44/E0	
0MD0	0MROMRAM	04-058	341	O	0MD0	B8/F1	
0MD0	0MPCOM	04-064	305	I	0MD0	B9/F2	
0MD0	0MPCOM	04-064	312	O	0MD0	B9/F2	
0MEMERR0	0MPDMC	04-052	355	O	0MEMERR0	B6/G2	
0MEMERR0	0MPS	04-070	249	O	0MEMERR0	B10/F2	
0MESELA0	TFD04045	04-045	033	O	0MESELA0	B4/E3	*
0MESELA0	0MPDMC	04-052	223	O	0SELB50	B6/G2	
0MESELB0	TFD04045	04-045	023	O	0MESELB0	B4/E3	*
0MESELB0	0MPDMC	04-052	322	O	0SELB60	B6/G2	
0MESELC0	TFD04045	04-045	024	O	0MESELC0	B4/E3	*
0MESELC0	0MPDMC	04-052	122	O	0SELB70	B6/G2	
0MESELDO	TFD04045	04-045	032	O	0MESELDO	B4/E3	*
0MESELDO	0MPDMC	04-052	022	O	0SELB80	B6/G2	
0MESELE0	TFD04045	04-045	050	O	0MESELE0	B4/E3	*
0MESELE0	0MPDMC	04-052	020	O	0SELB90	B6/G2	
0MESELF0	TFD04045	04-045	051	O	0MESELF0	B4/E3	*
0MESELF0	0MPDMC	04-052	121	O	0SELB100	B6/G2	
0MESELG0	TFD04045	04-045	052	O	0MESELG0	B4/E3	*
0MESELG0	0MPDMC	04-052	319	O	0SELB110	B6/G2	
0MESELH0	TFD04045	04-045	053	O	0MESELH0	B4/E3	*
0MESELH0	0MPDMC	04-052	320	O	0SELB120	B6/G2	
0MESELIO	TFD04045	04-045	054	O	0MESELIO	B4/E3	*
0MESELIO	0MPDMC	04-052	321	O	0SELB130	B6/G2	
0MESELJ0	TFD04045	04-045	055	O	0MESELJ0	B4/E3	*
0MESELJ0	0MPDMC	04-052	323	O	0SELB140	B6/G2	
0MESELK0	TFD04045	04-045	056	O	0MESELK0	B4/E3	*
0MESELK0	0MPDMC	04-052	021	O	0SELB150	B6/G2	
0MONINV0	0MPS	04-070	351	I	0MONINV	B10/F2	

39 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLC	XT
0MONINV0	TFD04082	04-082	009	IO	0MONINV0	B12/F1	
0MPF0	0MPCOM	04-064	309	IO	MPF0	B9/F2	
0MPF0	0MPC	04-108	223	I	MPF0	B19/F1	
0MPF0	0MPCON	04-120	140	I	MPF0	B21/F2	
0MPF0	0CONDIS	13-016	140	O	MPF0	B31/F2	
0MPF0	0CONDIS	13-016	153	O	MPF0	B31/F2	
0MWTRR0	0MPS	04-070	252	I	0MWTRR0	B10/F2	
0MWTRR0	0MPC	04-076	354	O	0MWTRR0	B11/F3	
0NAE	0MPCOM	04-064	240	O	NAE	B9/F2	
0NAE	0CI1	13-022	113	I	NAE	B32/F0	
0NAE	0CI0	13-030	113	I	NAE	B33/F0	
0NAE	TFD13106	13-106	144	IO	0NAE	B44/G8	
0NOREF0	0MPDMC	04-052	002	I	0NOREF0	B6/G2	
0NOREF0	0MPCOM	04-064	110	O	0NOREF0	B9/F2	
0PARCLK	0MPS	04-070	206	I	0PARCLK	B10/F2	
0PARCLK	0MPC	04-076	304	O	0PARCLK	B11/F3	
0PBI0N	0TSI	13-062	152	I	0DSUAIN	B37/E0	*
0PBI0P	0TSI	13-062	052	I	0DSUAIP	B37/E0	*
0PBI1N	0TSI	13-062	146	I	0DSUBIN	B37/E0	*
0PBI1P	0TSI	13-062	046	I	0DSUBIP	B37/E0	*
0PBI2N	0TSI	13-062	141	I	0DSUCIN	B37/E0	
0PBI2P	0TSI	13-062	041	I	0DSUCIP	B37/E0	
0PBI3N	0TSI	13-062	135	I	0DSUDIN	B37/E0	
0PBI3P	0TSI	13-062	035	I	0DSUDIP	B37/E0	
0PB00N	0TSI	13-062	151	O	0DSUA0N	B37/E0	*
0PB00P	0TSI	13-062	051	O	0DSUA0P	B37/E0	*
0PB01N	0TSI	13-062	145	O	0DSUB0N	B37/E0	*
0PB01P	0TSI	13-062	045	O	0DSUB0P	B37/E0	*
0PB02N	0TSI	13-062	140	O	0DSUC0N	B37/E0	
0PB02P	0TSI	13-062	040	O	0DSUC0P	B37/E0	
0PB03N	0TSI	13-062	134	O	0DSUD0N	B37/E0	
0PB03P	0TSI	13-062	034	O	0DSUD0P	B37/E0	
0PERERR0	0MPCOM	04-064	247	O	0PERERR0	B9/F2	
0PERERR0	0MPS	04-070	248	I	0PERERR0	B10/F2	
0PISEL0	0MPS	04-070	111	O	0PISEL0	B10/F2	
0PISEL0	0MPC	04-076	355	I	0PISEL0	B11/F3	
0PNMI0	0MPCOM	04-064	224	I	0PNMI0	B9/F2	
0PNMI0	0MPS	04-070	152	O	0PNMI0	B10/F2	
0PNMI0	0MPC	04-076	224	I	0PNMI0	B11/F3	
0POR0	0MPC	04-076	023	I	0RESTR	B11/F3	
0POR0	TFD04082	04-082	017	IO	0POR0	B12/F1	
0PROC1	0MPS	04-070	144	O	0DSOFT10	B10/F2	
0PROC1	TFD04082	04-082	339	IO	0PROC1	B12/F1	
0PUMP0	0MPS	04-070	240	I	0PUMP0	B10/F2	
0PUMP0	0BTSR	04-100	308	O	0PUMP0	B16/F3	
0RAMEN1	0MR0MRAM	04-058	048	I	0RAMEN1	B8/F1	
0RAMEN1	0MPS	04-070	010	O	0RAMEN1	B10/F2	

A

B

C

D

E

F

G

H

0123456789

40 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
0READI1	0MEM5	04-022	024	I	READI1	B2/F0	
0READI1	0MEM4	04-028	024	I	READI1	B2/F3	
0READI1	0MEM3	04-034	024	I	READI1	B2/F5	
0READI1	0MEM2	04-040	024	I	READI1	B5/F2	
0READI1	TFD04045	04-045	022	IO	0READI1	B4/F3	*
0READI1	0MEM1	04-046	024	I	READI1	B5/F5	
0READI1	0MPDMC	04-052	306	O	READI1	B6/G2	
0REFI0	0MEM5	04-022	320	I	REFI0	B2/F0	
0REFI0	0MEM4	04-028	320	I	REFI0	B2/F3	
0REFI0	0MEM3	04-034	320	I	REFI0	B2/F5	
0REFI0	0MEM2	04-040	320	I	REFI0	B5/F2	
0REFI0	TFD04045	04-045	018	IO	0REFI0	B4/F3	*
0REFI0	0MEM1	04-046	320	I	REFI0	B5/F5	
0REFI0	0MPDMC	04-052	102	O	REFI0	B6/G2	
0RES1	0MROMRAM	04-058	102	O	FANRST	B8/F1	*
0RESET0	0MPDMC	04-052	302	I	RESET0	B6/G2	
0RESET0	0MROMRAM	04-058	354	I	RESET0	B8/F1	
0RESET0	0MPCOM	04-064	354	I	RESET0	B9/F2	
0RESET0	0MPS	04-070	304	O	RESET0	B10/F2	
0RESRAM0	0MPS	04-070	209	I	STS0	B10/F2	
0RESRAM0	TFD04082	04-082	044	IO	0RESRAM0	B12/F1	
0ROMEN0	0MROMRAM	04-058	046	I	ROMEN0	B8/F1	
0ROMEN0	0MPS	04-070	110	IO	ROMEN0	B10/F2	
0RWP0	0MROMRAM	04-058	211	O	RWP0	B8/F1	
0RWP0	0MPC	04-076	054	I	RWP0	B11/F3	
0SA1	0MPDMC	04-052	139	I	SA1	B6/G2	
0SA1	0MROMRAM	04-058	139	I	SA1	B8/F1	
0SA1	0MPCOM	04-064	139	IO	SA1	B9/F2	
0SA1	0MPS	04-070	318	I	SA01	B10/F2	
0SA1	0MPC	04-076	239	IO	SA01	B11/F3	
0SA1	TFD04082	04-082	208	IO	0SA1	B12/F1	
0SA10	0MPDMC	04-052	336	I	SA10	B6/G2	
0SA10	0MROMRAM	04-058	336	I	SA10	B8/F1	
0SA10	0MPCOM	04-064	336	IO	SA10	B9/F2	
0SA10	0MPS	04-070	116	I	SA10	B10/F2	
0SA10	0MPC	04-076	037	IO	SA10	B11/F3	
0SA11	0MPDMC	04-052	236	I	SA11	B6/G2	
0SA11	0MROMRAM	04-058	236	I	SA11	B8/F1	
0SA11	0MPCOM	04-064	236	IO	SA11	B9/F2	
0SA11	0MPS	04-070	015	I	SA11	B10/F2	
0SA11	0MPC	04-076	336	IO	SA11	B11/F3	
0SA12	0MPDMC	04-052	136	I	SA12	B6/G2	
0SA12	0MROMRAM	04-058	136	I	SA12	B8/F1	
0SA12	0MPCOM	04-064	136	IO	SA12	B9/F2	
0SA12	0MPS	04-070	115	I	SA12	B10/F2	
0SA12	0MPC	04-076	236	IO	SA12	B11/F3	
0SA13	0MPDMC	04-052	036	I	SA13	B6/G2	
0SA13	0MROMRAM	04-058	036	I	SA13	B8/F1	
0SA13	0MPCOM	04-064	036	IO	SA13	B9/F2	
0SA13	0MPS	04-070	215	I	SA13	B10/F2	
0SA13	0MPC	04-076	136	IO	SA13	B11/F3	
0SA14	0MPDMC	04-052	335	I	SA14	B6/G2	
0SA14	0MROMRAM	04-058	335	I	SA14	B8/F1	
0SA14	0MPCOM	04-064	335	IO	SA14	B9/F2	
0SA14	0MPS	04-070	315	I	SA14	B10/F2	
0SA14	0MPC	04-076	036	IO	SA14	B11/F3	
0SA15	0MPDMC	04-052	333	I	SA15	B6/G2	
0SA15	0MROMRAM	04-058	333	I	SA15	B8/F1	
0SA15	0MPCOM	04-064	333	IO	SA15	B9/F2	
0SA15	0MPS	04-070	314	I	SA15	B10/F2	
0SA15	0MPC	04-076	034	IO	SA15	B11/F3	
0SA16	0MPDMC	04-052	034	I	SA16	B6/G2	
0SA16	0MROMRAM	04-058	034	I	SA16	B8/F1	
0SA16	0MPCOM	04-064	034	IO	SA16	B9/F2	
0SA16	0MPS	04-070	114	I	SA16	B10/F2	
0SA16	0MPC	04-076	134	IO	SA16	B11/F3	
0SA17	0MPDMC	04-052	134	I	SA17	B6/G2	
0SA17	0MROMRAM	04-058	134	I	SA17	B8/F1	
0SA17	0MPCOM	04-064	134	IO	SA17	B9/F2	
0SA17	0MPS	04-070	014	I	SA17	B10/F2	
0SA17	0MPC	04-076	234	IO	SA17	B11/F3	
0SA18	0MPDMC	04-052	234	I	SA18	B6/G2	
0SA18	0MROMRAM	04-058	234	I	SA18	B8/F1	
0SA18	0MPCOM	04-064	234	IO	SA18	B9/F2	
0SA18	0MPS	04-070	013	I	SA18	B10/F2	
0SA18	0MPC	04-076	334	IO	SA18	B11/F3	
0SA19	0MPDMC	04-052	334	I	SA19	B6/G2	
0SA19	0MROMRAM	04-058	334	I	SA19	B8/F1	

41 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
0SA19	0MPCOM	04-064	334	IO	SA19	B9/F2	
0SA19	0MPS	04-070	113	I	SA19	B10/F2	
0SA19	0MPC	04-076	135	IO	SA19	B11/F3	
0SA2	0MPDMC	04-052	039	I	SA2	B6/G2	
0SA2	0MROMRAM	04-058	039	I	SA2	B8/F1	
0SA2	0MPCOM	04-064	039	IO	SA2	B9/F2	
0SA2	0MPS	04-070	218	I	SA02	B10/F2	
0SA2	0MPC	04-076	139	IO	SA02	B11/F3	
0SA2	TFD04082	04-082	215	IO	0SA2	B12/F1	
0SA20	0MPDMC	04-052	235	I	SA20	B6/G2	
0SA20	0MROMRAM	04-058	235	I	SA20	B8/F1	
0SA20	0MPCOM	04-064	235	IO	SA20	B9/F2	
0SA20	0MPS	04-070	213	I	SA20	B10/F2	
0SA20	0MPC	04-076	335	IO	SA20	B11/F3	
0SA21	0MPDMC	04-052	350	I	SA21	B6/G2	
0SA21	0MROMRAM	04-058	232	I	SA21	B8/F1	
0SA21	0MPCOM	04-064	232	IO	SA21	B9/F2	
0SA21	0MPS	04-070	211	I	SA21	B10/F2	
0SA21	0MPC	04-076	033	IO	SA21	B11/F3	
0SA22	0MPDMC	04-052	353	I	SA22	B6/G2	
0SA22	0MROMRAM	04-058	132	I	SA22	B8/F1	
0SA22	0MPCOM	04-064	132	IO	SA22	B9/F2	
0SA22	0MPS	04-070	219	I	SA22	B10/F2	
0SA22	0MPC	04-076	032	IO	SA22	B11/F3	
0SA23	0MPDMC	04-052	254	I	SA23	B6/G2	
0SA23	0MROMRAM	04-058	032	I	SA23	B8/F1	
0SA23	0MPCOM	04-064	024	IO	SA23	B9/F2	
0SA23	0MPS	04-070	019	I	SA23	B10/F2	
0SA23	0MPC	04-076	132	IO	SA23	B11/F3	
0SA24	0MPDMC	04-052	354	I	SA24	B6/G2	
0SA24	0MROMRAM	04-058	339	I	SA24	B8/F1	
0SA24	0MPCOM	04-064	023	IO	SA24	B9/F2	
0SA24	0MPS	04-070	311	I	SA24	B10/F2	
0SA24	0MPC	04-076	232	IO	SA24	B11/F3	
0SA3	0MPDMC	04-052	338	I	SA3	B6/G2	
0SA3	0MROMRAM	04-058	338	I	SA3	B8/F1	
0SA3	0MPCOM	04-064	338	IO	SA3	B9/F2	
0SA3	0MPS	04-070	118	I	SA03	B10/F2	
0SA3	0MPC	04-076	039	IO	SA03	B11/F3	
0SA3	TFD04082	04-082	206	IO	0SA3	B12/F1	
0SA4	0MPDMC	04-052	238	I	SA4	B6/G2	
0SA4	0MROMRAM	04-058	238	I	SA4	B8/F1	
0SA4	0MPCOM	04-064	238	IO	SA4	B9/F2	
0SA4	0MPS	04-070	018	I	SA04	B10/F2	
0SA4	0MPC	04-076	338	IO	SA04	B11/F3	
0SA4	TFD04082	04-082	205	IO	0SA4	B12/F1	
0SA5	0MPDMC	04-052	038	I	SA5	B6/G2	
0SA5	0MROMRAM	04-058	038	I	SA5	B8/F1	
0SA5	0MPCOM	04-064	038	IO	SA5	B9/F2	
0SA5	0MPS	04-070	017	I	SA05	B10/F2	
0SA5	0MPC	04-076	238	IO	SA05	B11/F3	
0SA5	TFD04082	04-082	304	IO	0SA5	B12/F1	
0SA6	0MPDMC	04-052	337	I	SA6	B6/G2	
0SA6	0MROMRAM	04-058	337	I	SA6	B8/F1	
0SA6	0MPCOM	04-064	337	IO	SA6	B9/F2	
0SA6	0MPS	04-070	117	I	SA06	B10/F2	
0SA6	0MPC	04-076	038	IO	SA06	B11/F3	
0SA6	TFD04082	04-082	123	IO	0SA6	B12/F1	
0SA7	0MPDMC	04-052	237	I	SA7	B6/G2	
0SA7	0MROMRAM	04-058	237	I	SA7	B8/F1	
0SA7	0MPCOM	04-064	237	IO	SA7	B9/F2	
0SA7	0MPS	04-070	217	I	SA07	B10/F2	
0SA7	0MPC	04-076	337	IO	SA07	B11/F3	
0SA7	TFD04082	04-082	122	IO	0SA7	B12/F1	
0SA8	0MPDMC	04-052	137	I	SA8	B6/G2	
0SA8	0MROMRAM	04-058	137	I	SA8	B8/F1	
0SA8	0MPCOM	04-064	137	IO	SA8	B9/F2	
0SA8	0MPS	04-070	316	I	SA08	B10/F2	
0SA8	0MPC	04-076	237	IO	SA08	B11/F3	
0SA8	TFD04082	04-082	121	IO	0SA8	B12/F1	
0SA9	0MPDMC	04-052	037	I	SA9	B6/G2	
0SA9	0MROMRAM	04-058	037	I	SA9	B8/F1	
0SA9	0MPCOM	04-064	037	IO	SA9	B9/F2	
0SA9	0MPS	04-070	216	I	SA09	B10/F2	
0SA9	0MPC	04-076	137	IO	SA09	B11/F3	
0SA9	TFD04082	04-082	224	IO	0SA9	B12/F1	
0SANINH0	0MROMRAM	04-058	256	O	SANINH0	B8/F1	
0SANINH0	0MPCOM	04-064	310	IO	SANINH0	B9/F2	
0SANINH0	0MPS	04-070	053	I	SANINH0	B10/F2	
0SANINH0	TFD04082	04-082	136	IO	0SANINH0	B12/F1	
0SANLT1	0MROMRAM	04-058	247	IO	SANLT1	B8/F1	

42		LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
0SANLT1	TFD04087	04-087		032	IO	0SANLT1	B13/E2	*
0SBHE0	0MPDMC	04-052		135	I	SBHE0	B6/G2	
0SBHE0	0MROMRAM	04-058		135	I	SBHE0	B8/F1	
0SBHE0	0MPCOM	04-064		135	IO	SBHE0	B9/F2	
0SBHE0	0MPS	04-070		312	I	SBHE0	B10/F2	
0SBHE0	0MPC	04-076		235	IO	SBHE0	B11/F3	
0SBLE0	0MPDMC	04-052		239	I	SBLE0	B6/G2	
0SBLE0	0MROMRAM	04-058		239	I	SBLE0	B8/F1	
0SBLE0	0MPCOM	04-064		239	IO	SA0	B9/F2	
0SBLE0	0MPS	04-070		319	I	SBLE0	B10/F2	
0SBLE0	0MPC	04-076		339	IO	SBLE0	B11/F3	
0SBLE0	TFD04082	04-082		209	IO	0SBLE0	B12/F1	
0SCAN1	0MROMRAM	04-058		103	I	FAN	B8/F1	*
0SCLOCK	0MPDMC	04-052		221	I	SCLOCK	B6/G2	
0SCLOCK	0MPS	04-070		003	I	SCLOCK	B10/F2	
0SCLOCK	0MPC	04-076		324	O	SCLOCK	B11/F3	
0SD0	0MPDMC	04-052		314	IO	SD0	B6/G2	
0SD0	0MROMRAM	04-058		314	IO	SD0	B8/F1	
0SD0	0MPS	04-070		020	IO	SD00	B10/F2	
0SD0	0MPC	04-076		116	IO	SD00	B11/F3	
0SD1	0MPDMC	04-052		015	IO	SD1	B6/G2	
0SD1	0MROMRAM	04-058		015	IO	SD1	B8/F1	
0SD1	0MPS	04-070		120	IO	SD01	B10/F2	
0SD1	0MPC	04-076		216	IO	SD01	B11/F3	
0SD10	0MPDMC	04-052		217	IO	SD10	B6/G2	
0SD10	0MROMRAM	04-058		217	IO	SD10	B8/F1	
0SD10	0MPS	04-070		322	IO	SD10	B10/F2	
0SD10	0MPC	04-076		318	IO	SD10	B11/F3	
0SD11	0MPDMC	04-052		317	IO	SD11	B6/G2	
0SD11	0MROMRAM	04-058		317	IO	SD11	B8/F1	
0SD11	0MPS	04-070		323	IO	SD11	B10/F2	
0SD11	0MPC	04-076		019	IO	SD11	B11/F3	
0SD12	0MPDMC	04-052		018	IO	SD12	B6/G2	
0SD12	0MROMRAM	04-058		018	IO	SD12	B8/F1	
0SD12	0MPS	04-070		223	IO	SD12	B10/F2	
0SD12	0MPC	04-076		219	IO	SD12	B11/F3	
0SD13	0MPDMC	04-052		118	IO	SD13	B6/G2	
0SD13	0MROMRAM	04-058		118	IO	SD13	B8/F1	
0SD13	0MPS	04-070		123	IO	SD13	B10/F2	
0SD13	0MPC	04-076		319	IO	SD13	B11/F3	
0SD14	0MPDMC	04-052		218	IO	SD14	B6/G2	
0SD14	0MROMRAM	04-058		218	IO	SD14	B8/F1	
0SD14	0MPS	04-070		023	IO	SD14	B10/F2	
0SD14	0MPC	04-076		020	IO	SD14	B11/F3	
0SD15	0MPDMC	04-052		318	IO	SD15	B6/G2	
0SD15	0MROMRAM	04-058		318	IO	SD15	B8/F1	
0SD15	0MPS	04-070		024	IO	SD15	B10/F2	
0SD15	0MPC	04-076		120	IO	SD15	B11/F3	
0SD2	0MPDMC	04-052		115	IO	SD2	B6/G2	
0SD2	0MROMRAM	04-058		115	IO	SD2	B8/F1	
0SD2	0MPS	04-070		220	IO	SD02	B10/F2	
0SD2	0MPC	04-076		316	IO	SD02	B11/F3	
0SD3	0MPDMC	04-052		215	IO	SD3	B6/G2	
0SD3	0MROMRAM	04-058		215	IO	SD3	B8/F1	
0SD3	0MPS	04-070		320	IO	SD03	B10/F2	
0SD3	0MPC	04-076		017	IO	SD03	B11/F3	
0SD4	0MPDMC	04-052		315	IO	SD4	B6/G2	
0SD4	0MROMRAM	04-058		315	IO	SD4	B8/F1	
0SD4	0MPS	04-070		321	IO	SD04	B10/F2	
0SD4	0MPC	04-076		117	IO	SD04	B11/F3	

A

B

C

D

E

F

G

H

0123456789

43 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
0SD5	0MPDMC	04-052	116	I0 SD5	B6/G2		
0SD5	0MROMRAM	04-058	116	I0 SD5	B8/F1		
0SD5	0MPS	04-070	221	I0 SD05	B10/F2		
0SD5	0MPC	04-076	217	I0 SD05	B11/F3		
0SD6	0MPDMC	04-052	216	I0 SD6	B6/G2		
0SD6	0MROMRAM	04-058	216	I0 SD6	B8/F1		
0SD6	0MPS	04-070	121	I0 SD06	B10/F2		
0SD6	0MPC	04-076	317	I0 SD06	B11/F3		
0SD7	0MPDMC	04-052	316	I0 SD7	B6/G2		
0SD7	0MROMRAM	04-058	316	I0 SD7	B8/F1		
0SD7	0MPS	04-070	021	I0 SD07	B10/F2		
0SD7	0MPC	04-076	018	I0 SD07	B11/F3		
0SD8	0MPDMC	04-052	017	I0 SD8	B6/G2		
0SD8	0MROMRAM	04-058	017	I0 SD8	B8/F1		
0SD8	0MPS	04-070	022	I0 SD08	B10/F2		
0SD8	0MPC	04-076	118	I0 SD08	B11/F3		
0SD9	0MPDMC	04-052	117	I0 SD9	B6/G2		
0SD9	0MROMRAM	04-058	117	I0 SD9	B8/F1		
0SD9	0MPS	04-070	122	I0 SD09	B10/F2		
0SD9	0MPC	04-076	218	I0 SD09	B11/F3		
0SDEN0	0MPDMC	04-052	304	I SDEN0	B6/G2		
0SDEN0	0MROMRAM	04-058	304	I SDEN0	B8/F1		
0SDEN0	0MPCOM	04-064	304	I SDEN0	B9/F2		
0SDEN0	0MPS	04-070	102	I SDEN0	B10/F2		
0SDEN0	0MPC	04-076	105	0 SDEN0	B11/F3		
0SDIR	0MPDMC	04-052	104	I SDIR	B6/G2		
0SDIR	0MROMRAM	04-058	104	I SDIR	B8/F1		
0SDIR	0MPCOM	04-064	104	I SDIR	B9/F2		
0SDIR	0MPS	04-070	202	I SDIR	B10/F2		
0SDIR	0MPC	04-076	005	0 SDIR	B11/F3		
0SEAPAR	0MPDMC	04-052	033	I SEAPAR	B6/G2		
0SEAPAR	0MPCOM	04-064	033	I SEAPAR	B9/F2		
0SEAPAR	0MPS	04-070	212	I SEAPAR	B10/F2		
0SEAPAR	0MPC	04-076	133	I SEAPAR	B11/F3		
0SELB00	0MEM1	04-046	033	I SELI0	B5/F5		
0SELB00	0MPDMC	04-052	213	0 SELB00	B6/G2		
0SELB10	0MEM2	04-040	033	I SELI0	B5/F2		
0SELB10	0MPDMC	04-052	014	0 SELB10	B6/G2		
0SELB20	0MEM3	04-034	033	I SELI0	B2/F5		
0SELB20	0MPDMC	04-052	114	0 SELB20	B6/G2		
0SELB30	0MEM4	04-028	033	I SELI0	B2/F3		
0SELB30	0MPDMC	04-052	214	0 SELB30	B6/G2		
0SELB40	0MEM5	04-022	033	I SELI0	B2/F0		
0SELB40	0MPDMC	04-052	120	0 SELB40	B6/G2		
0SENSE4	TFD04087	04-087	039	I0 0SENSE4	B13/E2		
0SETWP0	0MROMRAM	04-058	302	I SETWP0	B8/F1		
0SETWP0	0MPC	04-076	256	I SETWP0	B11/F3		
0SHAPAR	0MPDMC	04-052	133	I SHAPAR	B6/G2		
0SHAPAR	0MROMRAM	04-058	133	I SHAPAR	B8/F1		
0SHAPAR	0MPCOM	04-064	133	I0 SHAPAR	B9/F2		
0SHAPAR	0MPS	04-070	214	I SHAPAR	B10/F2		
0SHAPAR	0MPC	04-076	233	I0 SHAPAR	B11/F3		
0SHDPAR	0MPDMC	04-052	219	I0 SHDPAR	B6/G2		
0SHDPAR	0MROMRAM	04-058	219	I0 SHDPAR	B8/F1		
0SHDPAR	0MPCOM	04-064	219	I0 SHDPAR	B9/F2		
0SHDPAR	0MPS	04-070	224	I0 SHDPAR	B10/F2		
0SHDPAR	0MPC	04-076	320	I0 SHDPAR	B11/F3		
0SHSTOP0	0MPS	04-070	309	0 SHSTOP0	B10/F2		
0SHSTOP0	0MPC	04-076	155	I SHSTOP0	B11/F3		
0SLAPAR	0MPDMC	04-052	233	I SLAPAR	B6/G2		
0SLAPAR	0MROMRAM	04-058	233	I SLAPAR	B8/F1		
0SLAPAR	0MPCOM	04-064	233	I0 SLAPAR	B9/F2		
0SLAPAR	0MPS	04-070	317	I SLAPAR	B10/F2		
0SLAPAR	0MPC	04-076	333	I0 SLAPAR	B11/F3		
0SLDPAR	0MPDMC	04-052	019	I0 SLDPAR	B6/G2		
0SLDPAR	0MROMRAM	04-058	019	I0 SLDPAR	B8/F1		
0SLDPAR	0MPS	04-070	124	I0 SLDPAR	B10/F2		
0SLDPAR	0MPC	04-076	220	I0 SLDPAR	B11/F3		
0SPB0	TFD13054	13-054	145	I0 0SPB0	B36/H1		
0SPB0	TFD13130	13-130	134	I0 0SPB0	B48/G2		
0SPB1	TFD13054	13-054	146	I0 0SPB1	B36/H1		
0SPB1	TFD13130	13-130	135	I0 0SPB1	B48/G2		
0SPB2	TFD13054	13-054	147	I0 0SPB2	B36/H1		

44 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
0SPB2	TFD13130	13-130	136	I0 0SPB2	B48/G2		
0SPB3	TFD13054	13-054	148	I0 0SPB3	B36/H1		
0SPB3	TFD13130	13-130	137	I0 0SPB3	B48/G2		
0SPB4	TFD13054	13-054	149	I0 0SPB4	B36/H1		
0SPB4	TFD13130	13-130	138	I0 0SPB4	B48/G2		
0SPB5	TFD13054	13-054	150	I0 0SPB5	B36/H1		
0SPB5	TFD13130	13-130	139	I0 0SPB5	B48/G2		
0SPB6	TFD13054	13-054	151	I0 0SPB6	B36/H1		
0SPB6	TFD13130	13-130	140	I0 0SPB6	B48/G2		
0SPB7	TFD13054	13-054	152	I0 0SPB7	B36/H1		
0SPB7	TFD13130	13-130	141	I0 0SPB7	B48/G2		
0SPB8	TFD13054	13-054	153	I0 0SPB8	B36/H1		
0SPB8	TFD13130	13-130	142	I0 0SPB8	B48/G2		
0SPB9	TFD13054	13-054	154	I0 0SPB9	B36/H1		
0SPB9	TFD13130	13-130	143	I0 0SPB9	B48/G2		
0SPLIT0	0MROMRAM	04-058	342	I0 SPLIT0	B8/F1		
0SPLIT0	0MPCOM	04-064	311	I0 SPLIT0	B9/F2		
0SPNN0T	TFD13054	13-054	243	I0 0SPNN0T	B36/H1		
0SPNN0T	0TSI	13-062	243	I SSININ0	B37/E0		
0SPNN1T	TFD13054	13-054	242	I0 0SPNN1T	B36/H1		
0SPNN1T	0TSI	13-062	242	I SSININ1	B37/E0		
0SPNN2T	TFD13054	13-054	241	I0 0SPNN2T	B36/H1		
0SPNN2T	0TSI	13-062	241	I SSININ2	B37/E0		
0SPNN3T	TFD13054	13-054	240	I0 0SPNN3T	B36/H1		
0SPNN3T	0TSI	13-062	240	I SSININ3	B37/E0		
0SPPN0T	TFD13054	13-054	237	I0 0SPPN0T	B36/H1		
0SPPN0T	0TSI	13-062	237	I SSPIN0	B37/E0		
0SPPN1T	TFD13054	13-054	236	I0 0SPPN1T	B36/H1		
0SPPN1T	0TSI	13-062	236	I SSPIN1	B37/E0		
0SPPN2T	TFD13054	13-054	235	I0 0SPPN2T	B36/H1		
0SPPN2T	0TSI	13-062	235	I SSPIN2	B37/E0		
0SPPN3T	TFD13054	13-054	234	I0 0SPPN3T	B36/H1		
0SPPN3T	0TSI	13-062	234	I SSPIN3	B37/E0		
0STW0	0MPCOM	04-064	314	I STW0	B9/F2		
0STW0	TFD04082	04-082	036	I0 0STW0	B12/F1		
0SU0ERR0	0MPCOM	04-064	324	I SU0ERR0	B9/F2		
0SU0ERR0	0CI0	13-030	244	0 TS1INT	B33/F0		
0SU0ERR0	0TSI	13-062	312	0 SUBTINT	B37/E0		
0SU0S0	0MPS	04-070	342	0 SU0S0	B10/F2		
0SU0S0	0TSI	13-062	346	0 SUBTBS	B37/E0		
0SU0WT0	0MPS	04-070	245	I SU0WT0	B10/F2		
0SU0WT0	0TSI	13-062	334	0 SUBTRD	B37/E0		
0SU1ERR0	0MPCOM	04-064	322	I SU1ERR0	B9/F2		
0SU1ERR0	0TSI	13-062	223	0 SUBSINT	B37/E0		
0SU1S0	0MPS	04-070	343	0 SU1S0	B10/F2		
0SU1S0	0TSI	13-062	212	I SUBSBS	B37/E0		
0SU1WT0	0MPS	04-070	345	I SU1WT0	B10/F2		
0SU1WT0	0TSI	13-062	133	0 SUBSRD	B37/E0		
0SU2ERR0	0MPCOM	04-064	320	I SU2ERR0	B9/F2		
0SU2ERR0	0CI0	13-030	119	0 NINT	B33/F0		
0SU2ERR0	0TSI	13-062	215	0 CI0INT	B37/E0		
0SU2S0	0MPS	04-070	243	0 SU2S0	B10/F2		
0SU2S0	0CI0	13-030	319	I NBS	B33/F0		
0SU2WT0	0MPS	04-070	346	I SU2WT0	B10/F2		
0SU2WT0	0CI0	13-030	019	0 READY	B33/F0		
0SU3ERR0	0MPCOM	04-064	318	I SU3ERR0	B9/F2		
0SU3ERR0	0CI1	13-022	119	0 NINT	B32/F0		
0SU3ERR0	0TSI	13-062	139	I0 CI1INT	B37/E0		
0SU3S0	0MPS	04-070	143	0 SU3S0	B10/F2		
0SU3S0	0CI1	13-022	319	I NBS	B32/F0		
0SU3WT0	0MPS	04-070	246	I SU3WT0	B10/F2		
0SU3WT0	0CI1	13-022	019	0 READY	B32/F0		
0SU4ERR0	0MPCOM	04-064	316	I SU4ERR0	B9/F2		
0SU4ERR0	0PI	13-070	324	0 NINT	B38/E0		
0SU4S0	0MPS	04-070	043	0 SU4S0	B10/F2		

45 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
0SU4S0	0PI	13-070	346	I NBS	B38/E0		
0SU4WT0	0MPS	04-070	146	I SU4WT0	B10/F2		
0SU4WT0	0PI	13-070	334	0 NRDY	B38/E0		
0SU5ERR0	0MPCOM	04-064	215	I SU5ERR0	B9/F2		

A

B

C

D

E

F

G

H

A

B

C

D

E

F

G

H

49 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
0TB0ADDA	0TSI		13-062	338	0	DIBA1	B37/E0
0TB0ADDB	0DI0		13-048	238	I	PBADD8	B35/F2
0TB0ADDB	0TSI		13-062	238	0	DIBA2	B37/E0
0TB0ADDC	0DI0		13-048	138	I	PBADDC	B35/F2
0TB0ADDC	0TSI		13-062	138	0	DIBA3	B37/E0
0TB0ADDD	0DI0		13-048	038	I	PBADD0	B35/F2
0TB0ADDD	0TSI		13-062	038	0	DIBA4	B37/E0
0TB0DIS0	0DI0		13-048	051	I	DISEL0	B35/F2
0TB0DIS0	0TSI		13-062	050	0	DIBS1	B37/E0
0THEN1	0MROMRAM		04-058	221	I	THEN1	B8/F1
0THEN1	0MPCOM		04-064	340	I	THEN1	B9/F2
0THEN1	0MPS		04-070	305	I	THEN1	B10/F2
0THEN1	0MPC		04-076	007	0	THEN1	B11/F3
0THEN1	TFD04082		04-082	005	IO	0THEN1	B12/F1
0TIMCLK	0MPDMC		04-052	123	I	TIMCLK	B6/G2
0TIMCLK	0MROMRAM		04-058	343	I	TIMCLK	B8/F1
0TIMCLK	0MPCOM		04-064	343	I	TIMCLK	B9/F2
0TIMCLK	0MPS		04-070	203	I	TIMCLK	B10/F2
0TIMCLK	0MPC		04-076	123	0	TIMCLK	B11/F3
0TM1ST0	0MPS		04-070	055	0	TM1ST0	B10/F2
0TM1ST0	TS04096		04-096	054	IO	0TM1ST0	B15/E0
0TM1ST0	TS04097		04-097	054	IO	0TM1ST0	B15/H0
0TM1ST0	1MPS		04-114	156	I	FM1ST0	B20/F2
0TM2ST0	0MPS		04-070	256	0	TM2ST0	B10/F2
0TM2ST0	TS04096		04-096	056	IO	0TM2ST0	B15/E0
0TM2ST0	TS04097		04-097	056	IO	0TM2ST0	B15/H0
0TM2ST0	1MPS		04-114	353	I	FMST0	B20/F2
0TMAFF0	0MPCOM		04-064	006	0	TMAFF0	B9/F2
0TMAFF0	1MPCON		04-120	105	I	FMAFF0	B21/F2
0TMAFF0	1MROMRAM		04-126	322	I	FMAFF0	B22/F2
0TMCERR0	0MPS		04-070	052	0	TMCERR0	B10/F2
0TMCERR0	TS04096		04-096	053	IO	0TMCERR0	B15/E0
0TMCERR0	TS04097		04-097	053	IO	0TMCERR0	B15/H0
0TMCERR0	1MPCON		04-120	040	I	FMCERR0	B21/F2
0TMDRQ0	0MPC		04-076	102	0	TMDRQ0	B11/F3
0TMDRQ0	TS04096		04-096	004	IO	0TMDRQ0	B15/E0
0TMDRQ0	TS04097		04-097	004	IO	0TMDRQ0	B15/H0
0TMDRQ0	1MPS		04-114	155	I	FMDRQ0	B20/F2
0TMFA0	0MROMRAM		04-058	203	0	TMFA0	B8/F1
0TMFA0	1MROMRAM		04-126	204	IO	CPIWIRE	B22/F2
0TMOFF1	0MPCOM		04-064	321	0	TMOFF1	B9/F2
0TMOFF1	1MPCON		04-120	205	I	FMOFF1	B21/F2
0TMPERR0	0MPCOM		04-064	302	0	TMPERR0	B9/F2
0TMPERR0	1MPCON		04-120	307	I	FMPERR0	B21/F2
0TMRST0	0MPC		04-076	006	0	TMRST0	B11/F3
0TMRST0	TS04096		04-096	007	IO	0TMRST0	B15/E0
0TMRST0	TS04097		04-097	007	IO	0TMRST0	B15/H0
0TMRST0	1MPS		04-114	250	I	FMRST0	B20/F2
0TMTHEN0	0MPC		04-076	002	0	TMTHEN0	B11/F3
0TMTHEN0	TFD04090		04-090	105	IO	0TMTHEN0	B14/G2
0TMTHEN0	TS04096		04-096	003	IO	0TMTHEN0	B15/E0
0TMTHEN0	TS04097		04-097	003	IO	0TMTHEN0	B15/H0
0TMTHEN0	BTSR		04-100	105	I	0TMTHEN0	B16/F3
0TMTHEN0	1MPS		04-114	255	I	FMTHEN0	B20/F2
0TMTHEN0	1MPCON		04-120	121	I	FMTHEN0	B21/F2
0TMTHEN0	1MROMRAM		04-126	121	I	FMTHEN0	B22/F2
0TN281	0MEM5		04-022	321	IO	A2MSEL00	B2/F0
0TN281	0MEM4		04-028	321	IO	A2MSEL00	B2/F3
0TN281	0MEM3		04-034	321	IO	A2MSEL00	B2/F5
0TN281	0MEM2		04-040	321	IO	A2MSEL00	B5/F2
0TN281	TFD04045		04-045	020	IO	0TN281	B4/E3
0TN281	0MEM1		04-046	321	IO	A2MSEL00	B5/F5
0TN281	0MPDMC		04-052	007	0	TN281	B6/G2
0TP3A	0MPCOM		04-064	243	IO	TP3	B9/F2
0TP4B	0MPCOM		04-064	245	IO	TP4	B9/F2
0TPA0DIA	0DI1		13-040	306	I	NIBOTA	B34/F3
0TPA0DIA	0TSI		13-062	006	0	DIAON3	B37/E0
0TPB0DIA	0DI0		13-048	306	I	NIBOTA	B35/F2
0TPB0DIA	0TSI		13-062	016	0	DIBON3	B37/E0
0TSHOLD0	0MPS		04-070	254	I	TSHOLD0	B10/F2
0TSHOLD0	TFD04090		04-090	006	IO	0TSHOLD0	B14/G2
0TSIA0P	0TSI		13-062	013	0	DLI0AN30	B37/E0

50 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
0TSIA0P	0DLI		13-084	017	IO	0TSIA0P	B41/E0
0TSIA0X	0TSI		13-062	313	0	DLI0AN00	B37/E0
0TSIA0X	0DLI		13-084	020	IO	0TSIA0X	B41/E0
0TSIA0Y	0TSI		13-062	213	0	DLI0AN10	B37/E0
0TSIA0Y	0DLI		13-084	019	IO	0TSIA0Y	B41/E0
0TSIA0Z	0TSI		13-062	113	0	DLI0AN20	B37/E0
0TSIA0Z	0DLI		13-084	018	IO	0TSIA0Z	B41/E0
0TSIA1P	0TSI		13-062	095	0	DLI1AN30	B37/E0
0TSIA1P	1DLI		13-098	017	IO	0TSIA0P	B44/E0
0TSIA1X	0TSI		13-062	305	0	DLI1AN00	B37/E0
0TSIA1X	1DLI		13-098	020	IO	0TSIA0X	B44/E0
0TSIA1Y	0TSI		13-062	295	0	DLI1AN10	B37/E0
0TSIA1Y	1DLI		13-098	019	IO	0TSIA0Y	B44/E0
0TSIA1Z	0TSI		13-062	105	0	DLI1AN20	B37/E0
0TSIA1Z	1DLI		13-098	018	IO	0TSIA0Z	B44/E0
0TSIB0P	0TSI		13-062	010	0	DLI0BN30	B37/E0
0TSIB0P	0DLI		13-084	013	IO	0TSIB0P	B41/E0
0TSIB0X	0TSI		13-062	310	0	DLI0BN00	B37/E0
0TSIB0X	0DLI		13-084	016	IO	0TSIB0X	B41/E0
0TSIB0Y	0TSI		13-062	210	0	DLI0BN10	B37/E0
0TSIB0Y	0DLI		13-084	015	IO	0TSIB0Y	B41/E0
0TSIB0Z	0TSI		13-062	110	0	DLI0BN20	B37/E0
0TSIB0Z	0DLI		13-084	014	IO	0TSIB0Z	B41/E0
0TSIB1P	0TSI		13-062	003	0	DLI1BN30	B37/E0
0TSIB1P	1DLI		13-098	013	IO	0TSIB0P	B44/E0
0TSIB1X	0TSI		13-062	303	0	DLI1BN00	B37/E0
0TSIB1X	1DLI		13-098	016	IO	0TSIB0X	B44/E0
0TSIB1Y	0TSI		13-062	203	0	DLI1BN10	B37/E0
0TSIB1Y	1DLI		13-098	015	IO	0TSIB0Y	B44/E0
0TSIB1Z	0TSI		13-062	103	0	DLI1BN20	B37/E0
0TSIB1Z	1DLI		13-098	014	IO	0TSIB0Z	B44/E0
0TSINH0	0MPC		04-076	307	I	TSINH0	B11/F3
0TSINH0	TFD04090		04-090	103	IO	0TSINH0	B14/G2
0TSINH0	BTSR		04-100	103	0	0TSINH0	B16/F3
0TSPNN0	TFD13054		13-054	250	IO	0TSPNN0	B36/H1
0TSPNN0	0TSI		13-062	250	0	SSNON0	B37/E0
0TSPNN1	TFD13054		13-054	249	IO	0TSPNN1	B36/H1
0TSPNN1	0TSI		13-062	249	0	SSNON1	B37/E0
0TSPNN2	TFD13054		13-054	248	IO	0TSPNN2	B36/H1
0TSPNN2	0TSI		13-062	248	0	SSNON2	B37/E0
0TSPNN3	TFD13054		13-054	247	IO	0TSPNN3	B36/H1
0TSPNN3	0TSI		13-062	247	0	SSNON3	B37/E0
0TSPPN0	TFD13054		13-054	255	IO	0TSPPN0	B36/H1
0TSPPN0	0TSI		13-062	255	0	SSPON0	B37/E0
0TSPPN1	TFD13054		13-054	254	IO	0TSPPN1	B36/H1
0TSPPN1	0TSI		13-062	254	0	SSPON1	B37/E0
0TSPPN2	TFD13054		13-054	253	IO	0TSPPN2	B36/H1
0TSPPN2	0TSI		13-062	253	0	SSPON2	B37/E0
0TSPPN3	TFD13054		13-054	251	IO	0TSPPN3	B36/H1
0TSPPN3	0TSI		13-062	252	0	SSPON3	B37/E0
0TSREL0	0MPS		04-070	355	I	TSREL0	B10/F2
0TSREL0	TFD04090		04-090	106	IO	0TSREL0	B14/G2
0TSREL0	TS04096		04-096	055	IO	0TSREL0	B15/E0
0TSREL0	TS04097		04-097	055	IO	0TSREL0	B15/H0
0TSREL0	BTSR		04-100	106	0	0TSREL0	B16/F3
0TSREL0	1MPC		04-108	349	I	TSEN0	B19/F1
0TSREL0	1MPS		04-114	154	I	TSEN0	B20/F2
0TXA0DID	0DI1		13-040	006	I	NIBOTD	B34/F3
0TXA0DID	0TSI		13-062	306	0	DIAON0	B37/E0
0TXB0DID	0DI0		13-048	006	I	NIBOTD	B35/F2
0TXB0DID	0TSI		13-062	316	0	DIBON0	B37/E0
0TYA0DIC	0DI1		13-040	106	I	NIBOTC	B34/F3
0TYA0DIC	0TSI		13-062	206	0	DIAON1	B37/E0
0TYB0DIC	0DI0		13-048	106	I	NIBOTC	B35/F2
0TYB0DIC	0TSI		13-062	216	0	DIBON1	B37/E0
0TZA0DIB	0DI1		13-040	206	I	NIBOTB	B34/F3

51		LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
0TZA0DIB	0TSI		13-062	106	0	DIAON2	B37/E0	
0TZB0DIB	0DI0		13-048	206	I	NIB0TB	B35/F2	
0TZB0DIB	0TSI		13-062	116	0	DIB0N2	B37/E0	
0UABEN0	0MPS		04-070	008	0	UABEN0	B10/F2	
0UABEN0	0MPC		04-076	347	I	UABEN0	B11/F3	
0UDWP0	0MROMRAM		04-058	011	I	UDWP0	B8/F1	
0UDWP0	0MPC		04-076	056	0	UDWP0	B11/F3	
0UPACT0L	0MPCOM		04-064	053	0	DL0ACT0	B9/F2	
0UPACT0L	0DLI		13-084	138	IO	0UPACT0L	B41/E0	
0UPACT1L	0MPCOM		04-064	154	0	DL1ACT0	B9/F2	
0UPACT1L	1DLI		13-098	138	IO	0UPACT0L	B44/E0	
0UPCK0L	0MPCOM		04-064	244	0	DLI0CK	B9/F2	
0UPCK0L	0DLI		13-084	137	IO	0UPCK0L	B41/E0	
0UPCK1L	0MPCOM		04-064	246	0	DLI1CK	B9/F2	
0UPCK1L	1DLI		13-098	137	IO	0UPCK0L	B44/E0	
0UPDATE0	0MPS		04-070	108	0	UPDATE0	B10/F2	
0UPDATE0	0MPC		04-076	154	I	UPDATE0	B11/F3	
0UPG00L	0MPCOM		04-064	141	0	DLI0G00	B9/F2	
0UPG00L	0DLI		13-084	139	IO	0UPG00L	B41/E0	
0UPG01L	0MPCOM		04-064	242	0	DLI1G00	B9/F2	
0UPG01L	1DLI		13-098	139	IO	0UPG00L	B44/E0	
0UPTMD0A	0MPCOM		04-064	052	0	OADLITN	B9/F2	
0UPTMD0A	0DLI		13-084	150	IO	0UPTMD0A	B41/E0	
0UPTMD0B	0MPCOM		04-064	048	0	0BDLITN	B9/F2	
0UPTMD0B	0DLI		13-084	034	IO	0UPTMD0B	B41/E0	
0UPTMD1A	0MPCOM		04-064	050	0	1ADLITN	B9/F2	
0UPTMD1A	1DLI		13-098	150	IO	0UPTMD0A	B44/E0	
0UPTMD1B	0MPCOM		04-064	046	0	1BDLITN	B9/F2	
0UPTMD1B	1DLI		13-098	034	IO	0UPTMD0B	B44/E0	
0UPTMP0A	0MPCOM		04-064	118	0	0APARO	B9/F2	
0UPTMP0A	0DLI		13-084	149	IO	0UPTMP0A	B41/E0	
0UPTMP0B	0MPCOM		04-064	116	0	0BPARO	B9/F2	
0UPTMP0B	0DLI		13-084	033	IO	0UPTMP0B	B41/E0	
0UPTMP1A	0MPCOM		04-064	221	0	1APAP0	B9/F2	
0UPTMP1A	1DLI		13-098	149	IO	0UPTMP0A	B44/E0	
0UPTMP1B	0MPCOM		04-064	015	0	1BPARO	B9/F2	
0UPTMP1B	1DLI		13-098	033	IO	0UPTMP0B	B44/E0	
0UPTRD0L	0MPCOM		04-064	143	0	DLI0OUT	B9/F2	
0UPTRD0L	0DLI		13-084	140	IO	0UPTRD0L	B41/E0	
0UPTRD1L	0MPCOM		04-064	145	0	DLI1OUT	B9/F2	
0UPTRD1L	1DLI		13-098	140	IO	0UPTRD0L	B44/E0	
0UTWP0	0MROMRAM		04-058	208	I	UTWP0	B8/F1	
0UTWP0	0MPC		04-076	156	0	UTWP0	B11/F3	
0VALOP0	0MPDMC		04-052	006	0	VALOP0	B6/G2	
0VALOP0	0MROMRAM		04-058	155	0	VALOP0	B8/F1	
0VALOP0	0MPCOM		04-064	155	0	VALOP0	B9/F2	
0VALOP0	0MPS		04-070	207	IO	VALOP0	B10/F2	
0VALOP0	0MPC		04-076	202	0	VALOP0	B11/F3	
0VALOP0	TFD04082		04-082	204	IO	0VALOP0	B12/F1	
0WB00	0MEM5		04-022	035	I	WRT0I0	B2/F0	
0WB00	0MEM4		04-028	035	I	WRT0I0	B2/F3	
0WB00	0MEM3		04-034	035	I	WRT0I0	B2/F5	

0										1										2										3										4										5										6										7										8										9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

</

A

B

C

D

E

F

G

H

70 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
14MC3N	1TSI		13-122	137	0	DSUDCN	B47/E1
14MC3P	1TSI		13-122	037	0	DSUDCP	B47/E1
18KS0N	1TSI		13-122	153	0	DSUASN	B47/E1 *
18KS0P	1TSI		13-122	053	0	DSUASP	B47/E1 *
18KS1N	1TSI		13-122	147	0	DSUBSN	B47/E1 *
18KS1P	1TSI		13-122	047	0	DSUBSP	B47/E1 *
18KS2N	1TSI		13-122	142	0	DSUCSN	B47/E1
18KS2P	1TSI		13-122	042	0	DSUCSP	B47/E1
18KS3N	1TSI		13-122	136	0	DSUDSN	B47/E1
18KS3P	1TSI		13-122	036	0	DSUDSP	B47/E1
18MH0CK	0TSI		13-062	108	I	DLI18M	B37/E0
18MH0CK	1DLI		13-098	005	IO	08MH0CK	B44/E0
18MH1CK	1DLI		13-098	105	IO	08MH1CK	B44/E0
18MH1CK	1TSI		13-122	108	I	DLI18M	B47/E1
1A02I0	1MEM2		04-144	233	I	A02I0	B26/F0
1A02I0	1MEM3		04-150	233	I	A02I0	B27/F0
1A02I0	1MEM4		04-156	233	I	A02I0	B27/F3
1A02I0	1MEM5		04-162	233	I	A02I0	B27/F5
1A02I1	1MPDMC		04-132	013	0	A02I1	B24/G0
1A02I1	1MEM1		04-138	235	I	A02I1	B24/F6
1A02I1	TFD04143		04-143	038	IO	1A02I1	B25/E2 *
1A02I1	1MEM2		04-144	235	I	A02I1	B26/F0
1A02I1	1MEM3		04-150	235	I	A02I1	B27/F0
1A02I1	1MEM4		04-156	235	I	A02I1	B27/F3
1A02I1	1MEM5		04-162	235	I	A02I1	B27/F5
1A02IB0	1MPDMC		04-132	008	0	A02IB0	B24/G0
1A02IB0	TFD04143		04-143	003	IO	1A02IB0	B25/E2 *
1A02IB1	1MPDMC		04-132	207	0	A02IB1	B24/G0
1A02IB1	TFD04143		04-143	049	IO	1A02IB1	B25/E2 *
1A03I1	1MPDMC		04-132	312	0	A03I1	B24/G0
1A03I1	1MEM1		04-138	339	I	A03I1	B24/F6
1A03I1	TFD04143		04-143	045	IO	1A03I1	B25/E2 *
1A03I1	1MEM2		04-144	339	I	A03I1	B26/F0
1A03I1	1MEM3		04-150	339	I	A03I1	B27/F0
1A03I1	1MEM4		04-156	339	I	A03I1	B27/F3
1A03I1	1MEM5		04-162	339	I	A03I1	B27/F5
1A04I1	1MPDMC		04-132	212	0	A04I1	B24/G0
1A04I1	1MEM1		04-138	241	I	A04I1	B24/F6
1A04I1	TFD04143		04-143	047	IO	1A04I1	B25/E2 *
1A04I1	1MEM2		04-144	241	I	A04I1	B26/F0
1A04I1	1MEM3		04-150	241	I	A04I1	B27/F0
1A04I1	1MEM4		04-156	241	I	A04I1	B27/F3
1A04I1	1MEM5		04-162	241	I	A04I1	B27/F5
1A05I1	1MPDMC		04-132	208	0	A05I1	B24/G0
1A05I1	1MEM1		04-138	341	I	A05I1	B24/F6
1A05I1	TFD04143		04-143	046	IO	1A05I1	B25/E2 *
1A05I1	1MEM2		04-144	341	I	A05I1	B26/F0
1A05I1	1MEM3		04-150	341	I	A05I1	B27/F0
1A05I1	1MEM4		04-156	341	I	A05I1	B27/F3
1A05I1	1MEM5		04-162	341	I	A05I1	B27/F5
1A06I1	1MPDMC		04-132	108	0	A06I1	B24/G0
1A06I1	1MEM1		04-138	342	I	A06I1	B24/F6
1A06I1	TFD04143		04-143	048	IO	1A06I1	B25/E2 *
1A06I1	1MEM2		04-144	342	I	A06I1	B26/F0
1A06I1	1MEM3		04-150	342	I	A06I1	B27/F0
1A06I1	1MEM4		04-156	342	I	A06I1	B27/F3
1A06I1	1MEM5		04-162	342	I	A06I1	B27/F5
1A07I1	1MPDMC		04-132	311	0	A07I1	B24/G0
1A07I1	1MEM1		04-138	317	I	A07I1	B24/F6
1A07I1	TFD04143		04-143	014	IO	1A07I1	B25/E2 *
1A07I1	1MEM2		04-144	317	I	A07I1	B26/F0
1A07I1	1MEM3		04-150	317	I	A07I1	B27/F0
1A07I1	1MEM4		04-156	317	I	A07I1	B27/F3
1A07I1	1MEM5		04-162	317	I	A07I1	B27/F5
1A08I1	1MPDMC		04-132	211	0	A08I1	B24/G0
1A08I1	1MEM1		04-138	318	I	A08I1	B24/F6
1A08I1	TFD04143		04-143	015	IO	1A08I1	B25/E2 *
1A08I1	1MEM2		04-144	318	I	A08I1	B26/F0
1A08I1	1MEM3		04-150	318	I	A08I1	B27/F0
1A08I1	1MEM4		04-156	318	I	A08I1	B27/F3
1A08I1	1MEM5		04-162	318	I	A08I1	B27/F5
1A09I1	1MPDMC		04-132	111	0	A09I1	B24/G0
1A09I1	1MEM1		04-138	219	I	A09I1	B24/F6

71 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1A09I1	TFD04143		04-143	017	IO	1A09I1	B25/E2 *
1A09I1	1MEM2		04-144	219	I	A09I1	B26/F0
1A09I1	1MEM3		04-150	219	I	A09I1	B27/F0
1A09I1	1MEM4		04-156	219	I	A09I1	B27/F3
1A09I1	1MEM5		04-162	219	I	A09I1	B27/F5
1A10I1	1MPDMC		04-132	011	0	A10I1	B24/G0
1A10I1	1MEM1		04-138	332	I	A10I1	B24/F6
1A10I1	TFD04143		04-143	034	IO	1A10I1	B25/E2 *
1A10I1	1MEM2		04-144	332	I	A10I1	B26/F0
1A10I1	1MEM3		04-150	332	I	A10I1	B27/F0
1A10I1	1MEM4		04-156	332	I	A10I1	B27/F3
1A10I1	1MEM5		04-162	332	I	A10I1	B27/F5
1A11I1	1MPDMC		04-132	310	0	A11I1	B24/G0
1A11I1	1MEM1		04-138	333	I	A11I1	B24/F6
1A11I1	TFD04143		04-143	035	IO	1A11I1	B25/E2 *
1A11I1	1MEM2		04-144	333	I	A11I1	B26/F0
1A11I1	1MEM3		04-150	333	I	A11I1	B27/F0
1A11I1	1MEM4		04-156	333	I	A11I1	B27/F3
1A11I1	1MEM5		04-162	333	I	A11I1	B27/F5
1A12I1	1MPDMC		04-132	110	0	A12I1	B24/G0
1A12I1	1MEM1		04-138	335	I	A12I1	B24/F6
1A12I1	TFD04143		04-143	037	IO	1A12I1	B25/E2 *
1A12I1	1MEM2		04-144	335	I	A12I1	B26/F0
1A12I1	1MEM3		04-150	335	I	A12I1	B27/F0
1A12I1	1MEM4		04-156	335	I	A12I1	B27/F3
1A12I1	1MEM5		04-162	335	I	A12I1	B27/F5
1A13I1	1MPDMC		04-132	010	0	A13I1	B24/G0
1A13I1	1MEM1		04-138	336	I	A13I1	B24/F6
1A13I1	TFD04143		04-143	040	IO	1A13I1	B25/E2 *
1A13I1	1MEM2		04-144	336	I	A13I1	B26/F0
1A13I1	1MEM3		04-150	336	I	A13I1	B27/F0
1A13I1	1MEM4		04-156	336	I	A13I1	B27/F3
1A13I1	1MEM5		04-162	336	I	A13I1	B27/F5
1A14I1	1MPDMC		04-132	309	0	A14I1	B24/G0
1A14I1	1MEM1		04-138	237	I	A14I1	B24/F6
1A14I1	TFD04143		04-143	041	IO	1A14I1	B25/E2 *
1A14I1	1MEM2		04-144	237	I	A14I1	B26/F0
1A14I1	1MEM3		04-150	237	I	A14I1	B27/F0
1A14I1	1MEM4		04-156	237	I	A14I1	B27/F3
1A14I1	1MEM5		04-162	237	I	A14I1	B27/F5
1A15I1	1MPDMC		04-132	209	0	A15I1	B24/G0
1A15I1	1MEM1		04-138	338	I	A15I1	B24/F6
1A15I1	TFD04143		04-143	043	IO	1A15I1	B25/E2 *
1A15I1	1MEM2		04-144	338	I	A15I1	B26/F0
1A15I1	1MEM3		04-150	338	I	A15I1	B27/F0
1A15I1	1MEM4		04-156	338	I	A15I1	B27/F3
1A15I1	1MEM5		04-162	338	I	A15I1	B27/F5
1A16I1	1MPDMC		04-132	109	0	A16I1	B24/G0
1A16I1	1MEM1		04-138	217	I	A16I1	B24/F6
1A16I1	TFD04143		04-143	013	IO	1A16I1	B25/E2 *
1A16I1	1MEM2		04-144	217	I	A16I1	B26/F0
1A16I1	1MEM3		04-150	217	I	A16I1	B27/F0
1A16I1	1MEM4		04-156	217	I	A16I1	B27/F3
1A16I1	1MEM5		04-162	217	I	A16I1	B27/F5
1A17I1	1MPDMC		04-132	009	0	A17I1	B24/G0
1A17I1	1MEM1		04-138	213	I	A17I1	B24/F6
1A17I1	TFD04143		04-143	008	IO	1A17I1	B25/E2 *
1A17I1	1MEM2		04-144	213	I	A17I1	B26/F0
1A17I1	1MEM3		04-150	213	I	A17I1	B27/F0
1A17I1	1MEM4		04-156	213	I	A17I1	B27/F3
1A17I1	1MEM5		04-162	213	I	A17I1	B27/F5
1A18I1	1MPDMC		04-132	308	0	A18I1	B24/G0
1A18I1	1MEM1		04-138	209	I	A18I1	B24/F6
1A18I1	TFD04143		04-143	007	IO	1A18I1	B25/E2 *
1A18I1	1MEM2		04-144	209	I	A18I1	B26/F0
1A18I1	1MEM3		04-150	209	I	A18I1	B27/F0
1A18I1	1MEM4		04-156	209	I	A18I1	B27/F3
1A18I1	1MEM5		04-162	209	I	A18I1	B27/F5
1A1920I0	1MPDMC		04-132	124	0	A1920I0	B24/G0
1A1920I0	1MEM1		04-138	019	I	A21I0	B24/F6
1A1920I0	TFD04143		04-143	016	IO	1A1920I0	B25/E2 *
1A1920I0	1MEM2		04-144	019	I	A21I0	B26/F0
1A1920I0	1MEM3		04-150	019	I	A21I0	B27/F0
1A1920I0	1MEM4		04-156	019	I	A21I0	B27/F3
1A1920I0	1MEM5		04-162	019	I	A21I0	B27/F5
1A19I1	1MPDMC		04-132	224	0	A19I1	B24/G0
1A19I1	1MEM1		04-138	037	I	A19I1	B24/F6
1A19I1	TFD04143		04-143	042	IO	1A19I1	B25/E2 *
1A19I1	1MEM2		04-144	037	I	A19I1	B26/F0
1A19I1	1MEM3		04-150	037	I	A19I1	B27/F0
1A19I1	1MEM4		04-156	037	I	A19I1	B27/F3
1A19I1	1MEM5		04-162	037	I	A19I1	B27/F5
1A20I1	1MPDMC		04-132	024	0	A20I1	B24/G0

72		LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1A20I1	1MEM1		04-138	017	I	A20I1	B24/F6	
1A20I1	TFD04143		04-143	011	IO	1A20I1	B25/E2	*
1A20I1	1MEM2		04-144	017	I	A20I1	B26/F0	
1A20I1	1MEM3		04-150	017	I	A20I1	B27/F0	
1A20I1	1MEM4		04-156	017	I	A20I1	B27/F3	
1A20I1	1MEM5		04-162	017	I	A20I1	B27/F5	
1A21I1	1MPDMC		04-132	154	I	A21I1	B24/G0	
1A21I1	1MEM1		04-138	355	0	4MB00	B24/F6	
1A21I1	1MEM2		04-144	355	0	4MB00	B26/F0	
1A21I1	TFD04149		04-149	035	IO	1A21I1	B26/D5	*
1A21I1	1MEM3		04-150	355	0	4MB00	B27/F0	
1A21I1	1MEM4		04-156	355	0	4MB00	B27/F3	
1A21I1	1MEM5		04-162	355	0	4MB00	B27/F5	
1ABORT0	1MPC		04-108	308	I	ABORT0	B19/F1	
1ABORT0	1MPS		04-114	006	0	ABORT0	B20/F2	
1ACOND5	1DLI		13-098	354	IO	0ACOND5	B44/E0	
1ADLI0P	0TSI		13-062	004	I	DLI1AN3	B37/E0	
1ADLI0P	1DLI		13-098	021	IO	0ADLI0P	B44/E0	
1ADLI0X	0TSI		13-062	304	I	DLI1AN0	B37/E0	
1ADLI0X	1DLI		13-098	024	IO	0ADLI0X	B44/E0	
1ADLI0Y	0TSI		13-062	204	I	DLI1AN1	B37/E0	
1ADLI0Y	1DLI		13-098	023	IO	0ADLI0Y	B44/E0	
1ADLI0Z	0TSI		13-062	104	I	DLI1AN2	B37/E0	
1ADLI0Z	1DLI		13-098	022	IO	0ADLI0Z	B44/E0	
1ADLI1P	1DLI		13-098	121	IO	0ADLI1P	B44/E0	
1ADLI1P	1TSI		13-122	004	I	DLI1AN3	B47/E1	
1ADLI1X	1DLI		13-098	124	IO	0ADLI1X	B44/E0	
1ADLI1X	1TSI		13-122	304	I	DLI1AN0	B47/E1	
1ADLI1Y	1DLI		13-098	123	IO	0ADLI1Y	B44/E0	
1ADLI1Y	1TSI		13-122	204	I	DLI1AN1	B47/E1	
1ADLI1Z	1DLI		13-098	122	IO	0ADLI1Z	B44/E0	
1ADLI1Z	1TSI		13-122	104	I	DLI1AN2	B47/E1	
1ADPC00	1MPDMC		04-132	132	I	ADPC00	B24/G0	
1ADPC00	1MEM1		04-138	114	0	ADPC00	B24/F6	
1ADPC00	TFD04143		04-143	009	IO	1ADPC00	B25/E2	*
1ADPC00	1MEM2		04-144	114	0	ADPC00	B26/F0	
1ADPC00	1MEM3		04-150	114	0	ADPC00	B27/F0	
1ADPC00	1MEM4		04-156	114	0	ADPC00	B27/F3	
1ADPC00	1MEM5		04-162	114	0	ADPC00	B27/F5	
1ADPR00	1MPDMC		04-132	232	I	ADPR00	B24/G0	
1ADPR00	1MEM1		04-138	215	0	ADPR00	B24/F6	
1ADPR00	TFD04143		04-143	010	IO	1ADPR00	B25/E2	*
1ADPR00	1MEM2		04-144	215	0	ADPR00	B26/F0	
1ADPR00	1MEM3		04-150	215	0	ADPR00	B27/F0	
1ADPR00	1MEM4		04-156	215	0	ADPR00	B27/F3	
1ADPR00	1MEM5		04-162	215	0	ADPR00	B27/F5	
1AFF0	TFD04082		04-082	305	IO	1AFF0	B12/F1	
1AFF0	1MPC		04-108	209	I	AFF0	B19/F1	
1AFF0	1MPS		04-114	306	I	AFF0	B20/F2	
1AFF0	1MPCON		04-120	323	0	AFF0	B21/F2	
1AFF0	1MR0MRAM		04-126	323	I	AFF0	B22/F2	
1AI01	TFD04082		04-082	218	IO	1AI01	B12/F1	
1AI01	1MPC		04-108	207	I	AI01	B19/F1	
1AI01	1MPS		04-114	307	0	AI01	B20/F2	
1AI01	1MPCON		04-120	254	I	AI01	B21/F2	
1AI01	1MR0MRAM		04-126	255	I	AI01	B22/F2	
1AI01	1MPDMC		04-132	155	I	AI01	B24/G0	
1ALCPI0P	0MR0MRAM		04-058	145	I	IDLI1A0	B8/F1	
1ALCPI0P	1DLI		13-098	236	IO	0ALCPI0P	B44/E0	

0										1										2										3										4										5										6										7										8										9									
A	73 LEAD INDEX (CONTINUED)																																																																																																		
	LDESIG		FDESIG		ELI		EQL		TRMNO		FN		TRMOD		SYMLC		XT																																																																																		
	1ALCPI1P		1MR0MRAM		04-126		145		I		IDLI1A0		B22/F2																																																																																						
	1ALCPI1P		1DLI		13-098		238		I		0ALCPI1P		B44/E0																																																																																						
	1ALRMD0P		0MPCOM		04-064		056		I		1ADLIRC		B9/F2																																																																																						
	1ALRMD0P		1DLI		13-098		152		I		0ALRMD0P		B44/E0																																																																																						
	1ALRMP0P		0MPCOM		04-064		021		I		1APARI		B9/F2																																																																																						
	1ALRMP0P		1DLI		13-098		151		I		0ALRMP0P		B44/E0																																																																																						
	1ALRMP1P		1MPCON		04-120		021		I		1APARI		B21/F2																																																																																						
	1ALRMP1P		1DLI		13-098		155		I		0ALRMP1P		B44/E0																																																																																						
B	1AMA0		TFD13096		13-096		054		I		1AMA0		B43/H0																																																																																						
	1AMA0		1DLI		13-098		055		I		0AMA0		B44/E0																																																																																						
	1AMA1		TFD13096		13-096		053		I		1AMA1		B43/H0																																																																																						
	1AMA1		1DLI		13-098		054		I		0AMA1		B44/E0																																																																																						
	1AMA2		TFD13096		13-096		052		I		1AMA2		B43/H0																																																																																						
	1AMA2		1DLI		13-098		053		I		0AMA2		B44/E0																																																																																						
	1AMA3		TFD13096		13-096		051		I		1AMA3		B43/H0																																																																																						
	1AMA3		1DLI		13-098		052		I		0AMA3		B44/E0																																																																																						
	1AMA4		TFD13096		13-096		050		I		1AMA4		B43/H0																																																																																						
	1AMA4		1DLI		13-098		051		I		0AMA4		B44/E0																																																																																						
C	1AMA5		TFD13096		13-096		049		I		1AMA5		B43/H0																																																																																						
	1AMA5		1DLI		13-098		050		I		0AMA5		B44/E0																																																																																						
	1AMA6		TFD13096		13-096		048		I		1AMA6		B43/H0																																																																																						
	1AMA6		1DLI		13-098		049		I		0AMA6		B44/E0																																																																																						
	1AMA7		TFD13096		13-096		047		I		1AMA7		B43/H0																																																																																						
	1AMA7		1DLI		13-098		048		I		0AMA7		B44/E0																																																																																						
	1AMAEN		TFD13096		13-096		055		I		1AMAEN		B43/H0																																																																																						
	1AMAEN		1DLI		13-098		056		I		0AMAEN		B44/E0																																																																																						
	1APWR5		1DLI		13-098		251		I		0APWR5		B44/E0																																																																																						
	1ARECV		1DLI		13-098		353		I		0ARECV		B44/E0																																																																																						
D	1AXMIT		1DLI		13-098		340		I		0AXMIT		B44/E0																																																																																						
	1AXPWR5		1DLI		13-098		334		I		0AXPWR5		B44/E0																																																																																						
	1B0DLCK		1MPCON		04-120		319		O		B0DLCK		B21/F2																																																																																						
	1B0DLCK		1MR0MRAM		04-126		052		I		0DLICK		B22/F2																																																																																						
	1B0PARCK		1MPCON		04-120		216		O		BDPARCK		B21/F2																																																																																						
	1B0PARCK		1MR0MRAM		04-126		244		I		IDLI0CK		B22/F2																																																																																						
	1B1DLCK		1MPCON		04-120		317		O		B1DLCK		B21/F2																																																																																						
	1B1DLCK		1MR0MRAM		04-126		156		I		IDLICK		B22/F2																																																																																						
	1B1PARCK		1MPCON		04-120		214		O		B1PARCK		B21/F2																																																																																						
	1B1PARCK		1MR0MRAM		04-126		144		I		IDLI1CK		B22/F2																																																																																						
E	1BCOND5		1DLI		13-098		309		I		0BCOND5		B44/E0																																																																																						
	1BDLI0P		0TSI		13-062		002		I		DLI1BN3		B37/E0																																																																																						
	1BDLI0P		1DLI		13-098		008		I		0BDLI0P		B44/E0																																																																																						
	1BDLI0X		0TSI		13-062		302		I		DLI1BN0		B37/E0																																																																																						
	1BDLI0X		1DLI		13-098		011		I		0BDLI0X		B44/E0																																																																																						
	1BDLI0Y		0TSI		13-062		202		I		DLI1BN1		B37/E0																																																																																						
	1BDLI0Y		1DLI		13-098		010		I		0BDLI0Y		B44/E0																																																																																						
	1BDLI0Z		0TSI		13-062		102		I		DLI1BN2		B37/E0																																																																																						
	1BDLI0Z		1DLI		13-098		009		I		0BDLI0Z		B44/E0																																																																																						
	1BDLI1P		1DLI		13-098		108		I		0BDLI1P		B44/E0																																																																																						
F	1BDLI1P		1TSI		13-122		002		I		DLI1BN3		B47/E1																																																																																						
	1BDLI1X		1DLI		13-098		111		I		0BDLI1X		B44/E0																																																																																						
	1BDLI1X		1TSI		13-122		302		I		DLI1BN0		B47/E1																																																																																						
	1BDLI1Y		1DLI		13-098		110		I		0BDLI1Y		B44/E0																																																																																						
	1BDLI1Y		1TSI		13-122		202		I		DLI1BN1		B47/E1																																																																																						
	1BDLI1Z		1DLI		13-098		109		I		0BDLI1Z		B44/E0																																																																																						
	1BDLI1Z		1TSI		13-122		102		I		DLI1BN2		B47/E1																																																																																						
	1BLCPI0P		0MR0MRAM		04-058		045		I		IDLI1B0		B8/F1																																																																																						
	1BLCPI0P		1DLI		13-098		235		I		0BLCPI0P		B44/E0																																																																																						
	1BLCPI1P		1MR0MRAM		04-126		045		I		IDLI1B0		B22/F2																																																																																						
G	1BLCPI1P		1DLI		13-098		237		I		0BLCPI1P		B44/E0																																																																																						
	1BLKINT1		1MPC		04-108		108		O		BLKINT1		B19/F1																																																																																						
	1BLKINT1		1MPS		04-114		352		I		BLKINT1		B20/F2																																																																																						
	1BLRMD0P		0MPCOM		04-064		055		I		1BDLIRC		B9/F2																																																																																						
	74 LEAD INDEX (CONTINUED)																																																																																																		
	LDESIG		FDESIG		ELI		EQL		TRMNO		FN		TRMOD		SYMLC		XT																																																																																		
	1BLRMD0P		1DLI		13-098		132		I		0BLRMD0P		B44/E0																																																																																						
	1BLRMD1P		1MPCON		04-120		055		I		1BDLIRC		B21/F2																																																																																						
	1BLRMD1P		1DLI		13-098		136		I		0BLRMD1P		B44/E0																																																																																						
	1BLRMP0P		0MPCOM		04-064		017		I		1BPARI		B9/F2																																																																																						
1BLRMP0P		1DLI		13-098		032		I		0BLRMP0P		B44/E0																																																																																							
1BLRMP1P		1MPCON		04-120		017		I		1BPARI		B21/F2																																																																																							
1BLRMP1P		1DLI		13-098		135		I		0BLRMP1P		B44/E0																																																																																							
1BMA0		TFD13096		13-096		041		I		1BMA0		B43/H0																																																																																							
1BMA0		1DLI		13-098		044		I		0BMA0		B44/E0																																																																																							
1BMA1		TFD13096		13-096		040		I		1BMA1		B43/H0																																																																																							
1BMA1		1DLI		13-098		043		I		0BMA1		B44/E0																																																																																							
1BMA2		TFD13096		13-096		039		I		1BMA2		B43/H0																																																																																							
1BMA2		1DLI		13-098		042		I		0BMA2		B44/E0																																																																																							
1BMA3		TFD13096		13-096		038		I		1BMA3		B43/H0																																																																																							
1BMA3		1DLI		13-098		041		I		0BMA3		B44/E0																																																																																							
1BMA4		TFD13096		13-096		037		I		1BMA4		B43/H0																																																																																							
1BMA4		1DLI		13-098		040		I		0BMA4		B44/E0																																																																																							
1BMA5		TFD13096		13-096		036		I		1BMA5		B43/H0																																																																																							
1BMA5		1DLI		13-098		039		I		0BMA5		B44/E0																																																																																							
1BMA6		TFD13096		13-096		035		I		1BMA6		B43/H0																																																																																							
1BMA6		1DLI		13-098		038		I		0BMA6		B44/E0																																																																																							
1BMA7		TFD13096		13-096		034		I		1BMA7		B43/H0																																																																																							
1BMA7		1DLI		13-098		037		I		0BMA7		B44/E0																																																																																							
1BMAEN		TFD13096		13-096		042		I		1BMAEN		B43/H0																																																																																							
1BMAEN		1DLI		13-098		045		I		0BMAEN		B44/E0																																																																																							
1BPFA0		TFD04087		04-087		051		I		1BPFA0		B13/E2																																																																																							
1BPFA0		1MR0MRAM		04-126		242		I		BPFA0		B22/F2																																																																																							
1BPS1		TFD04082		04-082		033		I		1BPS1		B12/F1																																																																																							
1BPS1		1MPCON		04-120		203		I		SENSE1		B21/F2																																																																																							
1BPS2		TFD04082		04-082		034		I		1BPS2		B12/F1																																																																																							
1BPS2		1MPCON		04-120		103		I		SENSE2		B21/F2																																																																																							
1BPWR5		1DLI		13-098		206		I		0BPWR5		B44/E0																																																																																							
1BREAK0		1MPS		04-114		251		I		XERR0		B20/F2																																																																																							
1BREAK0		1MPCON		04-120		207		I		BREAK0		B21/F2																																																																																							
1BREC		1DLI		13-098		308		I		0BRCV		B44/E0																																																																																							
1BSYBIT0		BTSR		04-100		302		O		1BSYBIT0		B16/F3																																																																																							
1BSYBIT0		1MR0MRAM		04-126		049		I		IN2		B22/F2																																																																																							
1BTPASS0		BTSR		04-100		310		O		1BTPASS0		B16/F3																																																																																							
1BTPASS0		1MR0MRAM		04-126		249		I		IN3		B22/F2																																																																																							
1BTPRS0		BTSR		04-100		110		O		1BTPRS0		B16/F3																																																																																							
1BTPRS0		1MR0MRAM		04-126		347		I		IN0		B22/F2																																																																																							
1BTSRTS0		BTSR		04-100		209		I		1BTSRTS0		B16/F3																																																																																							
1BTSRTS0		1MPS		04-114		009		O		BTSRTS0		B20/F2																																																																																							
1BTSSEL0		1MPC		04-108		309		I		BTSSEL0		B19/F1																																																																																							
1BTSSEL0		1MPS		04-114		109		O		BTSSEL0		B20/F2																																																																																							
1BUSERR0		1MPC		04-108		140		I		BUSERR0		B19/F1																																																																																							
1BUSERR0		1MPS		04-114		153		O		BUSERR0		B20/F2																																																																																							
1BUSGTA0		1MPC		04-108		008		O		SBUSGTA0		B19/F1																																																																																							
1BUSGTA0		1MPS		04-114		005		I		SBUSGTA0		B20/F2																																																																																							
1BUSGTA0		1MPCON		04-120		206		I		SBUSGTC		B21/F2																																																																																							
1BUSZS0		BTSR		04-100		202		O		1BUSZS0		B16/F3																																																																																							
1BUSZS0		1MR0MRAM		04-126		348		I		IN1		B22/F2																																																																																							
1BXMIT		1DLI		13-098		321		I		0BXMIT		B44/E0																																																																																							
1BXPWR5		1DLI		13-098		315		I		0BXPWR5		B44/E0																																																																																							
1C+CP04L		1MPC		04-108		112		I		+CURPR		B19/F1																																																																																							
1C+CP04L		1MPS		04-114		112		O		+CURPR		B20/F2																																																																																							
1C+CP04L		1MPCON		04-120		112		O		+CURPR		B21/F2																																																																																							
1C+CP04L		1MR0MRAM		04-126		112		O		+CURPR		B22/F2																																																																																							
1C+CP04L		1MPDMC		04-132		112		O		C+CP04L		B24/G0																																																																																							
1C+CP04L		1MEM1		04-138		144		I		PCURSPR		B24/F6																																																																																							
1C+CP04L		1MEM2		04-144		144		I		PCURSPR		B26/F0																																																																																							
1C+CP04L		1MEM3		04-150		144		I		PCURSPR		B27/F0																																																																																							
1C+CP04L		1MEM4		04-156		144		I		PCURSPR		B27/F3																																																																																							
1C+CP04L		1MEM5		04-162		144		I		PCURSPR		B27/F5																																																																																							
1C+CP04L		1CONT		04-178		017		I		+CP04L		B28/F3																																																																																							
1C+CP13L		TFD13106		13-106		112		I		1C+CP13L		B44/G8																																																																																							
75 LEAD INDEX (CONTINUED)																																																																																																			
LDESIG		FDESIG		ELI		EQL		TRMNO		FN		TRMOD		SYMLC		XT																																																																																			
1C+CP13L		1PI		13-114		112		I		1C+CP13L		B45/E0																																																																																							
1C+CP13L		1TSI		13-122		112		I		+CURPR		B47/E1																																																																																							
1C+CP13L		TFD13130		13-130		112		I		1C+CP13L		B48/G2																																																																																							
1C+CP13L		1DI0		13-140		112		I		+CURPR		B49/E1																																																																																							
1C+CP13L		1DI1		13-148		112		I		+CURPR		B50/F2																																																																																							
1C+CP13L		1CI0		13-154		112		O		+CURPR		B51/F0																																																																																							
1C+CP13L		1CI1		13-162		112		O		+CURPR																																																																																									

A

B

C

D

E

F

G

H

76 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1CDGN1C	1CONTDIS	13-172	132	I	DGN1	B53/F2	
1CFAS	1CONTDIS	13-172	045	I	ZIN	B53/F2	*
1CFLY0	1MPCON	04-120	306	I	CFLY0	B21/F2	
1CFLY0	1MPDMC	04-132	305	O	CFLY0	B24/G0	
1CINTA	1CONTDIS	13-172	116	O	INT	B53/F2	
1CINTA	1CP	13-180	112	IO	0CINTA	B54/F3	*
1CINTB	1CONT	04-178	112	IO	CINTB	B28/F3	
1CINTB	1CP	13-180	012	IO	0CINTB	B54/F3	*
1CINTC	TFD04131	04-131	042	IO	1CINTC	B23/E3	
1CINTC	TFD04131	04-131	055	IO	1CINTC	B23/E3	*
1CINTC	1CONT	04-178	012	IO	CINTC	B28/F3	
1CINTCR	TFD04131	04-131	037	IO	1CINTCR	B23/E3	
1CINTCR	TFD04131	04-131	054	IO	1CINTCR	B23/E3	*
1CINTCR	1CONTDIS	13-172	115	I	INTR	B53/F2	
1CKSEL	1TSI	13-122	101	O	CKSEL0	B47/E1	
1CKSEL	1TSI	13-122	301	I	CKSEL0	B47/E1	
1COOS0C	1MROMRAM	04-126	207	O	OSOOSCON	B22/F2	
1COOS0C	0CONDIS	13-016	010	I	OOS0	B31/F2	
1COOS0D	1MROMRAM	04-126	008	O	SSOOSDLI	B22/F2	
1COOS0D	0DLI	13-084	317	IO	1COOS0D	B41/E0	
1COOS1D	1MROMRAM	04-126	006	O	OSOOSDLI	B22/F2	
1COOS1D	1DLI	13-098	317	IO	1COOS0D	B44/E0	
1COOSA	1CONTDIS	13-172	109	O	OOSTST	B53/F2	
1COOSA	1CP	13-180	115	IO	0COOSA	B54/F3	*
1COOSB	1CONT	04-178	115	IO	COOSB	B28/F3	*
1COOSB	1CP	13-180	015	IO	0COOSB	B54/F3	*
1COOSC	TFD04131	04-131	041	IO	1COOSC	B23/E3	
1COOSC	TFD04131	04-131	052	IO	1COOSC	B23/E3	*
1COOSC	1CONT	04-178	015	IO	COOSC	B28/F3	*
1COOSCR	TFD04131	04-131	038	IO	1COOSCR	B23/E3	
1COOSCR	TFD04131	04-131	053	IO	1COOSCR	B23/E3	*
1COOSCR	1CONTDIS	13-172	111	I	OOSCONV	B53/F2	
1CPFINT0	1MPS	04-114	051	I	CPFINT0	B20/F2	
1CPFINT0	1MPCON	04-120	208	I	CPFINT0	B21/F2	
1CPFINT0	1MPDMC	04-132	055	O	CPFINT0	B24/G0	
1CPIINT0	1MPCON	04-120	108	I	CPIINT0	B21/F2	
1CPIINT0	1MROMRAM	04-126	205	O	CPIINT0	B22/F2	
1CRQIP0C	1MROMRAM	04-126	206	O	OSRQPCON	B22/F2	
1CRQIP0C	0CONDIS	13-016	021	I	RQIP1	B31/F2	
1CRQIP0D	1MROMRAM	04-126	009	O	SSRQPDLI	B22/F2	
1CRQIP0D	0DLI	13-084	355	IO	1CRQIP0D	B41/E0	
1CRQIP1C	1MROMRAM	04-126	010	O	SSRQPCON	B22/F2	
1CRQIP1C	1CONTDIS	13-172	021	I	RQIP1	B53/F2	
1CRQIP1D	1MROMRAM	04-126	005	O	OSRQPDLI	B22/F2	
1CRQIP1D	1DLI	13-098	355	IO	1CRQIP0D	B44/E0	
1CS1	TFD04131	04-131	051	IO	CS1	B23/E3	*
1CS1	1CONT	04-178	011	IO	CS1	B28/F3	
1CS1	1CONTDIS	13-172	124	O	RS1	B53/F2	
1CS1	1CP	13-180	011	IO	0CS1	B54/F3	
1CS2	TFD04131	04-131	050	IO	CS2	B23/E3	*
1CS2	1CONT	04-178	110	IO	CS2	B28/F3	
1CS2	1CONTDIS	13-172	122	O	RS2	B53/F2	
1CS2	1CP	13-180	110	IO	0CS2	B54/F3	
1CS3	TFD04131	04-131	049	IO	CS3	B23/E3	*
1CS3	1CONT	04-178	109	IO	CS3	B28/F3	
1CS3	1CONTDIS	13-172	009	O	RS3	B53/F2	
1CS3	1CP	13-180	109	IO	0CS3	B54/F3	
1CSC04L	1CONT	04-178	018	IO	CSC04L	B28/F3	*
1CSC04L	1CONT	04-178	019	IO	CSC04L	B28/F3	
1CSC13L	1CP	13-180	018	IO	0CSC13L	B54/F3	
1CSC13L	1CP	13-180	019	IO	0CSC13L	B54/F3	
1CSCW0C	0MROMRAM	04-058	050	I	IN4	B8/F1	
1CSCW0C	TS04096	04-096	034	IO	1CSCW0C	B15/E0	
1CSCW0C	TS04097	04-097	034	IO	1CSCW0C	B15/H0	
1CSCW0C	1CONTDIS	13-172	023	O	SCW3B0	B53/F2	
1CSCX0C	0MROMRAM	04-058	307	I	OSSCXCON	B8/F1	
1CSCX0C	1CONTDIS	13-172	018	O	SCX0	B53/F2	
1CSCX1C	1MROMRAM	04-126	110	I	SSSCXCON	B22/F2	

77 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1CSCX1C	1CONTDIS	13-172	017	O	SCX1	B53/F2	
1CSCY0C	0MROMRAM	04-058	306	I	OSSCYCON	B8/F1	
1CSCY0C	1CONTDIS	13-172	119	O	SCY0	B53/F2	
1CSCZ0C	0MROMRAM	04-058	305	I	OSSCZCON	B8/F1	
1CSCZ0C	1CONTDIS	13-172	015	O	SCZ0	B53/F2	
1CSCZ1C	1MROMRAM	04-126	111	I	SSSCZCON	B22/F2	
1CSCZ1C	1CONTDIS	13-172	014	O	SCZ1	B53/F2	
1CTSLT1	TFD04087	04-087	056	IO	1CTSLT1	B13/E2	*
1CTSLT1	1MROMRAM	04-126	246	IO	CTSLT1	B22/F2	
1CTSTA	1CONTDIS	13-172	146	O	TSTA	B53/F2	*
1CTSTB	1CONTDIS	13-172	046	O	TSTB	B53/F2	*
1D00B1	1MPDMC	04-132	250	IO	D00B1	B24/G0	
1D00B1	1MEM1	04-138	344	O	D00B0	B24/F6	
1D00B1	1MEM2	04-144	344	O	D00B0	B26/F0	
1D00B1	TFD04149	04-149	040	IO	1D00B1	B26/D5	*
1D00B1	1MEM3	04-150	344	O	D00B0	B27/F0	
1D00B1	1MEM4	04-156	344	O	D00B0	B27/F3	
1D00B1	1MEM5	04-162	344	O	D00B0	B27/F5	
1D01B1	1MPDMC	04-132	050	IO	D01B1	B24/G0	
1D01B1	1MEM1	04-138	347	O	D01B0	B24/F6	
1D01B1	1MEM2	04-144	347	O	D01B0	B26/F0	
1D01B1	TFD04149	04-149	045	IO	1D01B1	B26/D5	*
1D01B1	1MEM3	04-150	347	O	D01B0	B27/F0	
1D01B1	1MEM4	04-156	347	O	D01B0	B27/F3	
1D01B1	1MEM5	04-162	347	O	D01B0	B27/F5	
1D02B1	1MPDMC	04-132	349	IO	D02B1	B24/G0	
1D02B1	1MEM1	04-138	350	O	D02B0	B24/F6	
1D02B1	1MEM2	04-144	350	O	D02B0	B26/F0	
1D02B1	TFD04149	04-149	049	IO	1D02B1	B26/D5	*
1D02B1	1MEM3	04-150	350	O	D02B0	B27/F0	
1D02B1	1MEM4	04-156	350	O	D02B0	B27/F3	
1D02B1	1MEM5	04-162	350	O	D02B0	B27/F5	
1D03B1	1MPDMC	04-132	249	IO	D03B1	B24/G0	
1D03B1	1MEM1	04-138	353	O	D03B0	B24/F6	
1D03B1	1MEM2	04-144	353	O	D03B0	B26/F0	
1D03B1	TFD04149	04-149	053	IO	1D03B1	B26/D5	*
1D03B1	1MEM3	04-150	353	O	D03B0	B27/F0	
1D03B1	1MEM4	04-156	353	O	D03B0	B27/F3	
1D03B1	1MEM5	04-162	353	O	D03B0	B27/F5	
1D04B1	1MPDMC	04-132	149	IO	D04B1	B24/G0	
1D04B1	1MEM1	04-138	301	O	D04B0	B24/F6	
1D04B1	1MEM2	04-144	301	O	D04B0	B26/F0	
1D04B1	TFD04149	04-149	000	IO	1D04B1	B26/D5	*
1D04B1	1MEM3	04-150	301	O	D04B0	B27/F0	
1D04B1	1MEM4	04-156	301	O	D04B0	B27/F3	
1D04B1	1MEM5	04-162	301	O	D04B0	B27/F5	
1D05B1	1MPDMC	04-132	049	IO	D05B1	B24/G0	
1D05B1	1MEM1	04-138	304	O	D05B0	B24/F6	
1D05B1	1MEM2	04-144	304	O	D05B0	B26/F0	
1D05B1	TFD04149	04-149	004	IO	1D05B1	B26/D5	*
1D05B1	1MEM3	04-150	304	O	D05B0	B27/F0	
1D05B1	1MEM4	04-156	304	O	D05B0	B27/F3	
1D05B1	1MEM5	04-162	304	O	D05B0	B27/F5	
1D06B1	1MPDMC	04-132	348	IO	D06B1	B24/G0	
1D06B1	1MEM1	04-138	307	O	D06B0	B24/F6	
1D06B1	1MEM2	04-144	307	O	D06B0	B26/F0	
1D06B1	TFD04149	04-149	008	IO	1D06B1	B26/D5	*
1D06B1	1MEM3	04-150	307	O	D06B0	B27/F0	
1D06B1	1MEM4	04-156	307	O	D06B0	B27/F3	
1D06B1	1MEM5	04-162	307	O	D06B0	B27/F5	
1D07B1	1MPDMC	04-132	248	IO	D07B1	B24/G0	
1D07B1	1MEM1	04-138	310	O	D07B0	B24/F6	
1D07B1	1MEM2	04-144	310	O	D07B0	B26/F0	
1D07B1	TFD04149	04-149	013	IO	1D07B1	B26/D5	*
1D07B1	1MEM3	04-150	310	O	D07B0	B27/F0	
1D07B1	1MEM4	04-156	310	O	D07B0	B27/F3	
1D07B1	1MEM5	04-162	310	O	D07B0	B27/F5	
1D08B1	1MPDMC	04-132	148	IO	D08B1	B24/G0	
1D08B1	1MEM1	04-138	345	O	D08B0	B24/F6	
1D08B1	1MEM2	04-144	345	O	D08B0	B26/F0	
1D08B1	TFD04149	04-149	042	IO	1D08B1	B26/D5	*
1D08B1	1MEM3	04-150	345	O	D08B0	B27/F0	
1D08B1	1MEM4	04-156	345	O	D08B0	B27/F3	
1D08B1	1MEM5	04-162	345	O	D08B0	B27/F5	
1D09B1	1MPDMC	04-132	048	IO	D09B1	B24/G0	
1D09B1	1MEM1	04-138	348	O	D09B0	B24/F6	
1D09B1	1MEM2	04-144	348	O	D09B0	B26/F0	
1D09B1	TFD04149	04-149	047	IO	1D09B1	B26/D5	*
1D09B1	1MEM3	04-150	348	O	D09B0	B27/F0	

78		LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1D09B1	1MEM4		04-156	348	0	D09B0	B27/F3	
1D09B1	1MEM5		04-162	348	0	D09B0	B27/F5	
1D10B1	1MPDMC		04-132	347	IO	D10B1	B24/G0	
1D10B1	1MEM1		04-138	351	0	D10B0	B24/F6	
1D10B1	1MEM2		04-144	351	0	D10B0	B26/F0	
1D10B1	TFD04149		04-149	051	IO	1D10B1	B26/D5	*
1D10B1	1MEM3		04-150	351	0	D10B0	B27/F0	
1D10B1	1MEM4		04-156	351	0	D10B0	B27/F3	
1D10B1	1MEM5		04-162	351	0	D10B0	B27/F5	
1D11B1	1MPDMC		04-132	247	IO	D11B1	B24/G0	
1D11B1	1MEM1		04-138	354	0	D11B0	B24/F6	
1D11B1	1MEM2		04-144	354	0	D11B0	B26/F0	
1D11B1	TFD04149		04-149	055	IO	1D11B1	B26/D5	*
1D11B1	1MEM3		04-150	354	0	D11B0	B27/F0	
1D11B1	1MEM4		04-156	354	0	D11B0	B27/F3	
1D11B1	1MEM5		04-162	354	0	D11B0	B27/F5	
1D12B1	1MPDMC		04-132	147	IO	D12B1	B24/G0	
1D12B1	1MEM1		04-138	302	0	D12B0	B24/F6	
1D12B1	1MEM2		04-144	302	0	D12B0	B26/F0	
1D12B1	TFD04149		04-149	001	IO	1D12B1	B26/D5	*
1D12B1	1MEM3		04-150	302	0	D12B0	B27/F0	
1D12B1	1MEM4		04-156	302	0	D12B0	B27/F3	
1D12B1	1MEM5		04-162	302	0	D12B0	B27/F5	
1D13B1	1MPDMC		04-132	346	IO	D13B1	B24/G0	
1D13B1	1MEM1		04-138	305	0	D13B0	B24/F6	
1D13B1	1MEM2		04-144	305	0	D13B0	B26/F0	
1D13B1	TFD04149		04-149	005	IO	1D13B1	B26/D5	*
1D13B1	1MEM3		04-150	305	0	D13B0	B27/F0	
1D13B1	1MEM4		04-156	305	0	D13B0	B27/F3	
1D13B1	1MEM5		04-162	305	0	D13B0	B27/F5	
1D14B1	1MPDMC		04-132	246	IO	D14B1	B24/G0	
1D14B1	1MEM1		04-138	308	0	D14B0	B24/F6	
1D14B1	1MEM2		04-144	308	0	D14B0	B26/F0	
1D14B1	TFD04149		04-149	009	IO	1D14B1	B26/D5	*
1D14B1	1MEM3		04-150	308	0	D14B0	B27/F0	
1D14B1	1MEM4		04-156	308	0	D14B0	B27/F3	
1D14B1	1MEM5		04-162	308	0	D14B0	B27/F5	
1D15B1	1MPDMC		04-132	146	IO	D15B1	B24/G0	
1D15B1	1MEM1		04-138	311	0	D15B0	B24/F6	
1D15B1	1MEM2		04-144	311	0	D15B0	B26/F0	
1D15B1	TFD04149		04-149	014	IO	1D15B1	B26/D5	*
1D15B1	1MEM3		04-150	311	0	D15B0	B27/F0	
1D15B1	1MEM4		04-156	311	0	D15B0	B27/F3	
1D15B1	1MEM5		04-162	311	0	D15B0	B27/F5	
1D16B1	1MPDMC		04-132	046	IO	D16B1	B24/G0	
1D16B1	1MEM1		04-138	045	0	D16B0	B24/F6	
1D16B1	1MEM2		04-144	045	0	D16B0	B26/F0	
1D16B1	TFD04149		04-149	041	IO	1D16B1	B26/D5	*
1D16B1	1MEM3		04-150	045	0	D16B0	B27/F0	
1D16B1	1MEM4		04-156	045	0	D16B0	B27/F3	
1D16B1	1MEM5		04-162	045	0	D16B0	B27/F5	
1D17B1	1MPDMC		04-132	345	IO	D17B1	B24/G0	
1D17B1	1MEM1		04-138	048	0	D17B0	B24/F6	
1D17B1	1MEM2		04-144	048	0	D17B0	B26/F0	
1D17B1	TFD04149		04-149	046	IO	1D17B1	B26/D5	*
1D17B1	1MEM3		04-150	048	0	D17B0	B27/F0	
1D17B1	1MEM4		04-156	048	0	D17B0	B27/F3	
1D17B1	1MEM5		04-162	048	0	D17B0	B27/F5	
1D18B1	1MPDMC		04-132	245	IO	D18B1	B24/G0	
1D18B1	1MEM1		04-138	051	0	D18B0	B24/F6	
1D18B1	1MEM2		04-144	051	0	D18B0	B26/F0	
1D18B1	TFD04149		04-149	050	IO	1D18B1	B26/D5	*
1D18B1	1MEM3		04-150	051	0	D18B0	B27/F0	
1D18B1	1MEM4		04-156	051	0	D18B0	B27/F3	
1D18B1	1MEM5		04-162	051	0	D18B0	B27/F5	
1D19B1	1MPDMC		04-132	145	IO	D19B1	B24/G0	

A

B

C

D

E

F

G

H

0123456789

79 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1D19B1	1MEM1	04-138	054	0	D19B0	B24/F6	
1D19B1	1MEM2	04-144	054	0	D19B0	B26/F0	
1D19B1	TFD04149	04-149	054	10	1D19B1	B26/D5	*
1D19B1	1MEM3	04-150	054	0	D19B0	B27/F0	
1D19B1	1MEM4	04-156	054	0	D19B0	B27/F3	
1D19B1	1MEM5	04-162	054	0	D19B0	B27/F5	
1D20B1	1MPDMC	04-132	045	10	D20B1	B24/G0	
1D20B1	1MEM1	04-138	002	0	D20B0	B24/F6	
1D20B1	1MEM2	04-144	002	0	D20B0	B26/F0	
1D20B1	TFD04149	04-149	002	10	1D20B1	B26/D5	*
1D20B1	1MEM3	04-150	002	0	D20B0	B27/F0	
1D20B1	1MEM4	04-156	002	0	D20B0	B27/F3	
1D20B1	1MEM5	04-162	002	0	D20B0	B27/F5	
1D21B1	1MPDMC	04-132	244	10	D21B1	B24/G0	
1D21B1	1MEM1	04-138	005	0	D21B0	B24/F6	
1D21B1	1MEM2	04-144	005	0	D21B0	B26/F0	
1D21B1	TFD04149	04-149	006	10	1D21B1	B26/D5	*
1D21B1	1MEM3	04-150	005	0	D21B0	B27/F0	
1D21B1	1MEM4	04-156	005	0	D21B0	B27/F3	
1D21B1	1MEM5	04-162	005	0	D21B0	B27/F5	
1D22B1	1MPDMC	04-132	144	10	D22B1	B24/G0	
1D22B1	1MEM1	04-138	008	0	D22B0	B24/F6	
1D22B1	1MEM2	04-144	008	0	D22B0	B26/F0	
1D22B1	TFD04149	04-149	010	10	1D22B1	B26/D5	*
1D22B1	1MEM3	04-150	008	0	D22B0	B27/F0	
1D22B1	1MEM4	04-156	008	0	D22B0	B27/F3	
1D22B1	1MEM5	04-162	008	0	D22B0	B27/F5	
1D23B1	1MPDMC	04-132	044	10	D23B1	B24/G0	
1D23B1	1MEM1	04-138	011	0	D23B0	B24/F6	
1D23B1	1MEM2	04-144	011	0	D23B0	B26/F0	
1D23B1	TFD04149	04-149	015	10	1D23B1	B26/D5	*
1D23B1	1MEM3	04-150	011	0	D23B0	B27/F0	
1D23B1	1MEM4	04-156	011	0	D23B0	B27/F3	
1D23B1	1MEM5	04-162	011	0	D23B0	B27/F5	
1D24B1	1MPDMC	04-132	343	10	D24B1	B24/G0	
1D24B1	1MEM1	04-138	046	0	D24B0	B24/F6	
1D24B1	1MEM2	04-144	046	0	D24B0	B26/F0	
1D24B1	TFD04149	04-149	043	10	1D24B1	B26/D5	*
1D24B1	1MEM3	04-150	046	0	D24B0	B27/F0	
1D24B1	1MEM4	04-156	046	0	D24B0	B27/F3	
1D24B1	1MEM5	04-162	046	0	D24B0	B27/F5	
1D25B1	1MPDMC	04-132	243	10	D25B1	B24/G0	
1D25B1	1MEM1	04-138	049	0	D25B0	B24/F6	
1D25B1	1MEM2	04-144	049	0	D25B0	B26/F0	
1D25B1	TFD04149	04-149	048	10	1D25B1	B26/D5	*
1D25B1	1MEM3	04-150	049	0	D25B0	B27/F0	
1D25B1	1MEM4	04-156	049	0	D25B0	B27/F3	
1D25B1	1MEM5	04-162	049	0	D25B0	B27/F5	
1D26B1	1MPDMC	04-132	143	10	D26B1	B24/G0	
1D26B1	1MEM1	04-138	052	0	D26B0	B24/F6	
1D26B1	1MEM2	04-144	052	0	D26B0	B26/F0	
1D26B1	TFD04149	04-149	052	10	1D26B1	B26/D5	*
1D26B1	1MEM3	04-150	052	0	D26B0	B27/F0	
1D26B1	1MEM4	04-156	052	0	D26B0	B27/F3	
1D26B1	1MEM5	04-162	052	0	D26B0	B27/F5	
1D27B1	1MPDMC	04-132	043	10	D27B1	B24/G0	
1D27B1	1MEM1	04-138	055	0	D27B0	B24/F6	
1D27B1	1MEM2	04-144	055	0	D27B0	B26/F0	
1D27B1	TFD04149	04-149	056	10	1D27B1	B26/D5	*
1D27B1	1MEM3	04-150	055	0	D27B0	B27/F0	
1D27B1	1MEM4	04-156	055	0	D27B0	B27/F3	
1D27B1	1MEM5	04-162	055	0	D27B0	B27/F5	
1D28B1	1MPDMC	04-132	342	10	D28B1	B24/G0	
1D28B1	1MEM1	04-138	003	0	D28B0	B24/F6	
1D28B1	1MEM2	04-144	003	0	D28B0	B26/F0	
1D28B1	TFD04149	04-149	003	10	1D28B1	B26/D5	*
1D28B1	1MEM3	04-150	003	0	D28B0	B27/F0	
1D28B1	1MEM4	04-156	003	0	D28B0	B27/F3	
1D28B1	1MEM5	04-162	003	0	D28B0	B27/F5	
1D29B1	1MPDMC	04-132	242	10	D29B1	B24/G0	
1D29B1	1MEM1	04-138	006	0	D29B0	B24/F6	
1D29B1	1MEM2	04-144	006	0	D29B0	B26/F0	
1D29B1	TFD04149	04-149	007	10	1D29B1	B26/D5	*
1D29B1	1MEM3	04-150	006	0	D29B0	B27/F0	
1D29B1	1MEM4	04-156	006	0	D29B0	B27/F3	
1D29B1	1MEM5	04-162	006	0	D29B0	B27/F5	
1D30B1	1MPDMC	04-132	142	10	D30B1	B24/G0	
1D30B1	1MEM1	04-138	009	0	D30B0	B24/F6	
1D30B1	1MEM2	04-144	009	0	D30B0	B26/F0	
1D30B1	TFD04149	04-149	011	10	1D30B1	B26/D5	*
1D30B1	1MEM3	04-150	009	0	D30B0	B27/F0	
1D30B1	1MEM4	04-156	009	0	D30B0	B27/F3	
1D30B1	1MEM5	04-162	009	0	D30B0	B27/F5	
1D31B1	1MPDMC	04-132	042	10	D31B1	B24/G0	

80 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1D31B1	1MEM1	04-138	012	0	D31B0	B24/F6	
1D31B1	1MEM2	04-144	012	0	D31B0	B26/F0	
1D31B1	TFD04149	04-149	016	10	1D31B1	B26/D5	*
1D31B1	1MEM3	04-150	012	0	D31B0	B27/F0	
1D31B1	1MEM4	04-156	012	0	D31B0	B27/F3	
1D31B1	1MEM5	04-162	012	0	D31B0	B27/F5	
1DA0	1MPDMC	04-132	041	10	DA0	B24/G0	
1DA0	1MEM1	04-138	313	0	DPAB0	B24/F6	
1DA0	1MEM2	04-144	313	0	DPAB0	B26/F0	
1DA0	TFD04149	04-149	019	10	1DA0	B26/D5	*
1DA0	1MEM3	04-150	313	0	DPAB0	B27/F0	
1DA0	1MEM4	04-156	313	0	DPAB0	B27/F3	
1DA0	1MEM5	04-162	313	0	DPAB0	B27/F5	
1DAFF0	TFD04082	04-082	236	10	1DAFF0	B12/F1	
1DAFF0	1MPS	04-114	347	0	DAFF0	B20/F2	
1DDGN0C	0MR0MRAM	04-058	311	0	BIT7	B8/F1	
1DDGN0C	TS04096	04-096	037	10	1DDGN0C	B15/E0	
1DDGN0C	TS04097	04-097	037	10	1DDGN0C	B15/H0	
1DDGN0C	1DLI	13-098	223	10	0DDGN0C	B44/E0	
1DDGN1C	1MR0MRAM	04-126	311	0	BIT7	B22/F2	
1DDGN1C	1DLI	13-098	239	10	0DDGN1C	B44/E0	
1DI00	1MPDMC	04-132	040	10	DI00	B24/G0	
1DI00	1MEM1	04-138	014	0	DH00B0	B24/F6	
1DI00	1MEM2	04-144	014	0	DH00B0	B26/F0	
1DI00	TFD04149	04-149	017	10	1DI00	B26/D5	*
1DI00	1MEM3	04-150	014	0	DH00B0	B27/F0	
1DI00	1MEM4	04-156	014	0	DH00B0	B27/F3	
1DI00	1MEM5	04-162	014	0	DH00B0	B27/F5	
1DI10	1MPDMC	04-132	140	10	DI10	B24/G0	
1DI10	1MEM1	04-138	314	0	DH01B0	B24/F6	
1DI10	1MEM2	04-144	314	0	DH01B0	B26/F0	
1DI10	TFD04149	04-149	020	10	1DI10	B26/D5	*
1DI10	1MEM3	04-150	314	0	DH01B0	B27/F0	
1DI10	1MEM4	04-156	314	0	DH01B0	B27/F3	
1DI10	1MEM5	04-162	314	0	DH01B0	B27/F5	
1DI20	1MPDMC	04-132	240	10	DI20	B24/G0	
1DI20	1MEM1	04-138	039	0	DH02B0	B24/F6	
1DI20	1MEM2	04-144	039	0	DH02B0	B26/F0	
1DI20	TFD04149	04-149	037	10	1DI20	B26/D5	*
1DI20	1MEM3	04-150	039	0	DH02B0	B27/F0	
1DI20	1MEM4	04-156	039	0	DH02B0	B27/F3	
1DI20	1MEM5	04-162	039	0	DH02B0	B27/F5	
1DI30	1MPDMC	04-132	340	10	DI30	B24/G0	
1DI30	1MEM1	04-138	042	0	DH03B0	B24/F6	
1DI30	1MEM2	04-144	042	0	DH03B0	B26/F0	
1DI30	TFD04149	04-149	039	10	1DI30	B26/D5	*
1DI30	1MEM3	04-150	042	0	DH03B0	B27/F0	
1DI30	1MEM4	04-156	042	0	DH03B0	B27/F3	
1DI30	1MEM5	04-162	042	0	DH03B0	B27/F5	
1DIATA0P	1TSI	13-122	017	I	DIAN3I	B47/E1	
1DIATA0P	1DI1	13-148	319	0	NIBINA	B50/F2	
1DIATB0P	1TSI	13-122	019	I	DIBN3I	B47/E1	
1DIATB0P	1DI0	13-140	319	0	NIBINA	B49/E1	
1DIBTA0Z	1TSI	13-122	117	I	DIAN2I	B47/E1	
1DIBTA0Z	1DI1	13-148	219	0	NIBINB	B50/F2	
1DIBTB0Z	1TSI	13-122	119	I	DIBN2I	B47/E1	
1DIBTB0Z	1DI0	13-140	219	0	NIBINB	B49/E1	
1DICTA0Y	1TSI	13-122	217	I	DIAN1I	B47/E1	
1DICTA0Y	1DI1	13-148	119	0	NIBINC	B50/F2	
1DICTB0Y	1TSI	13-122	219	I	DIBN1I	B47/E1	
1DICTB0Y	1DI0	13-140	119	0	NIBINC	B49/E1	
1DIDTA0X	1TSI	13-122	317	I	DIAN0I	B47/E1	
1DIDTA0X	1DI1	13-148	019	0	NIBIND	B50/F2	
1DIDTB0X	1TSI	13-122	319	I	DIBN0I	B47/E1	
1DIDTB0X	1DI0	13-140	019	0	NIBIND	B49/E1	
1DINT	TFD13097	13-097	014	10	1DINT	B43/G3	*
1DINT	1DLI	13-098	224	10	0DINT	B44/E0	
1DLI+CP	1DLI	13-098	112	10	0DLI+CP	B44/E0	
1DLI-CP	1DLI	13-098	012	10	0DLI-CP	B44/E0	
1DLI48R	TFD11094	11-094	002	G	1DLI48R	B43/B0	*
1DLI48R	TFD13097	13-097	013	G	1DLI48R	B43/G3	*
1DLI48R	1DLI	13-098	003	10	0DLI48R	B44/E0	
1DLI48R	1DLI	13-098	103	10	0DLI48R	B44/E0	
1DLIAD	TFD13097	13-097	019	10	1DLIAD	B43/G3	*

81 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1DLIAD	1DLI		13-098	333		IO 0DLIAD	B44/E0
1DLIADM	TFD13097		13-097	000		IO 1DLIADM	B43/G3 *
1DLIADM	TFD13097		13-097	022		IO 1DLIADM	B43/G3 *
1DLIALMP	TFD13097		13-097	018		IO 1DLIALMP	B43/G3 *
1DLIALMP	1DLI		13-098	347		IO 0DLIALMP	B44/E0
1DLIALMR	TFD13097		13-097	023		IO 1DLIALMR	B43/G3 *
1DLIALMR	1DLI		13-098	345		IO 0DLIALMR	B44/E0
1DLIRA7	1DLI		13-098	335		IO 0DLIRA7	B44/E0
1DLIRA7	1DLI		13-098	336		IO 0DLIRA7	B44/E0
1DLIS1	TFD13097		13-097	017		IO 1DLIS1	B43/G3 *
1DLIS1	1DLI		13-098	212		IO 0DLIS1	B44/E0
1DLIS2	TFD13097		13-097	016		IO 1DLIS2	B43/G3 *
1DLIS2	1DLI		13-098	211		IO 0DLIS2	B44/E0
1DLIS3	TFD13097		13-097	015		IO 1DLIS3	B43/G3 *
1DLIS3	1DLI		13-098	210		IO 0DLIS3	B44/E0
1DLITSTA	TFD13097		13-097	001		IO 1DLITSTA	B43/G3 *
1DLITSTA	1DLI		13-098	346		IO 0DLITSTA	B44/E0
1DLPA0DI	1TSI		13-122	144		O DIALP	B47/E1
1DLPA0DI	1DI1		13-148	144		I LOOPEN1	B50/F2
1DLPB0DI	1TSI		13-122	044		O DIBLP	B47/E1
1DLPB0DI	1DI0		13-140	144		I LOOPEN1	B49/E1
1DMAIN0	1MPC		04-108	153		I DMAIN0	B19/F1
1DMAIN0	1MPS		04-114	208		O DMAIN0	B20/F2
1DMAIN0	1MPCON		04-120	217		I DMAIN0	B21/F2
1DMARD0	1MPC		04-108	204		I DMARD0	B19/F1
1DMARD0	1MPCON		04-120	106		O DMARD0	B21/F2
1DMARQ0	1MPC		04-108	152		I SBUSRQA0	B19/F1
1DMARQ0	1MPCON		04-120	345		O DMARQT0	B21/F2
1DMAWR0	1MPC		04-108	104		I DMAWR0	B19/F1
1DMAWR0	1MPCON		04-120	204		O DMAWR0	B21/F2
1DMB10	TFD04082		04-082	234		IO 1DMB10	B12/F1
1DMB10	1MPS		04-114	045		O DMB10	B20/F2
1DMB20	TFD04082		04-082	334		IO 1DMB20	B12/F1
1DMB20	1MPS		04-114	145		O DMB20	B20/F2
1DMB30	TFD04082		04-082	335		IO 1DMB30	B12/F1
1DMB30	1MPS		04-114	147		O DMB30	B20/F2
1000S5P	TFD13097		13-097	020		IO 1000S5P	B43/G3 *
1000S5P	1DLI		13-098	208		IO 0000S5P	B44/E0
1000SC0N	TFD13097		13-097	021		IO 1000SC0N	B43/G3 *
1000SC0N	1DLI		13-098	209		IO 0000SC0N	B44/E0
1DORRQ0	1MPC		04-108	053		I DORRQ0	B19/F1
1DORRQ0	1MPS		04-114	354		O DORRQ0	B20/F2
1DPERR0	1MPC		04-108	009		O DPERR0	B19/F1
1DPERR0	1MPS		04-114	204		I DPERR0	B20/F2
1DSCW0C	0MROMRAM		04-058	055		I IN6	B8/F1
1DSCW0C	TS04096		04-096	035		IO 1DSCW0C	B15/E0
1DSCW0C	TS04097		04-097	035		IO 1DSCW0C	B15/H0
1DSCW0C	1DLI		13-098	222		IO 0DSCW0C	B44/E0
1DSCW1C	1MROMRAM		04-126	055		I IN6	B22/F2
1DSCW1C	1DLI		13-098	319		IO 0DSCW1C	B44/E0
1DSCX0C	0MROMRAM		04-058	106		I OSSCXDLI	B8/F1

A

B

C

D

E

F

G

H

85 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
1MESELF0	1MPDMC	04-132	121	0 SELB100	B24/G0	*	
1MESELF0	TFD04143	04-143	051	10 1MESELF0	B25/E2		
1MESELG0	1MPDMC	04-132	319	0 SELB110	B24/G0	*	
1MESELG0	TFD04143	04-143	052	10 1MESELG0	B25/E2		
1MESELH0	1MPDMC	04-132	320	0 SELB120	B24/G0	*	
1MESELH0	TFD04143	04-143	053	10 1MESELH0	B25/E2		
1MESELI0	1MPDMC	04-132	321	0 SELB130	B24/G0	*	
1MESELI0	TFD04143	04-143	054	10 1MESELI0	B25/E2		
1MESELJ0	1MPDMC	04-132	323	0 SELB140	B24/G0	*	
1MESELJ0	TFD04143	04-143	055	10 1MESELJ0	B25/E2		
1MESELK0	1MPDMC	04-132	021	0 SELB150	B24/G0	*	
1MESELK0	TFD04143	04-143	056	10 1MESELK0	B25/E2		
1MONINV0	TFD04082	04-082	307	10 1MONINV0	B12/F1		
1MONINV0	1MPS	04-114	351	1 MONINV	B20/F2		
1MPF0	0MPCOM	04-064	140	1 MPF0	B9/F2		
1MPF0	0MPF	04-076	223	1 MPF0	B11/F3		
1MPF0	1MPCON	04-120	309	10 MPF0	B21/F2		
1MPF0	1CONTDIS	13-172	140	0 MPF0	B53/F2		
1MPF0	1CONTDIS	13-172	153	0 MPF0	B53/F2		
1MTERR0	1MPC	04-108	354	0 MTERR0	B19/F1		
1MTERR0	1MPS	04-114	252	1 MTERR0	B20/F2		
1NAE	1MPCON	04-120	240	0 NAE	B21/F2		
1NAE	TFD13106	13-106	044	10 1NAE	B44/G8		
1NAE	1CI0	13-154	113	1 NAE	B51/F0		
1NAE	1CI1	13-162	113	1 NAE	B52/F0		
1NOREF0	1MPCON	04-120	110	0 N0REF0	B21/F2		
1NOREF0	1MPDMC	04-132	002	1 N0REF0	B24/G0		
1PARCLK	1MPC	04-108	304	0 PARCLK	B19/F1		
1PARCLK	1MPS	04-114	206	1 PARCLK	B20/F2		
1PBI0N	1TSI	13-122	152	1 DSUAIN	B47/E1	*	
1PBI0P	1TSI	13-122	052	1 DSUAIP	B47/E1	*	
1PBI1N	1TSI	13-122	146	1 DSUBIN	B47/E1	*	
1PBI1P	1TSI	13-122	046	1 DSUBIP	B47/E1	*	
1PBI2N	1TSI	13-122	141	1 DSUCIN	B47/E1		
1PBI2P	1TSI	13-122	041	1 DSUCIP	B47/E1		
1PBI3N	1TSI	13-122	135	1 DSUDIN	B47/E1		
1PBI3P	1TSI	13-122	035	1 DSUDIP	B47/E1		
1PB00N	1TSI	13-122	151	0 DSUAON	B47/E1	*	
1PB00P	1TSI	13-122	051	0 DSUAOP	B47/E1	*	
1PB01N	1TSI	13-122	145	0 DSUBON	B47/E1	*	
1PB01P	1TSI	13-122	045	0 DSUBOP	B47/E1	*	
1PB02N	1TSI	13-122	140	0 DSUCON	B47/E1		
1PB02P	1TSI	13-122	040	0 DSUCOP	B47/E1		
1PB03N	1TSI	13-122	134	0 DSUDON	B47/E1		
1PB03P	1TSI	13-122	034	0 DSUDOP	B47/E1		
1PERERR0	1MPS	04-114	248	1 PERERR0	B20/F2		
1PERERR0	1MPCON	04-120	247	0 PERERR0	B21/F2		
1PISEL0	1MPC	04-108	355	1 PISEL0	B19/F1		
1PISEL0	1MPS	04-114	111	0 PISEL0	B20/F2		
1PNMI0	1MPC	04-108	224	1 PNMI0	B19/F1		
1PNMI0	1MPS	04-114	152	0 PNMI0	B20/F2		
1PNMI0	1MPCON	04-120	224	1 PNMI0	B21/F2		
1POR0	TFD04082	04-082	018	10 1POR0	B12/F1		
1POR0	1MPC	04-108	023	1 RESTRT	B19/F1		
1PROC1	TFD04082	04-082	333	10 1PROC1	B12/F1		
1PROC1	1MPS	04-114	144	0 DS0FT10	B20/F2		
1PUMP0	BTSR	04-100	304	0 1PUMP0	B16/F3		
1PUMP0	1MPS	04-114	240	1 PUMP0	B20/F2		
1RAMEN1	1MPS	04-114	010	0 RAMEN1	B20/F2		
1RAMEN1	1MR0MRAM	04-126	048	1 RAMEN1	B22/F2		
1READI1	1MPDMC	04-132	306	0 READI1	B24/G0		

86 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
1READI1	1MEM1	04-138	024	1 READI1	B24/F6	*	
1READI1	TFD04143	04-143	022	10 1READI1	B25/E2		
1READI1	1MEM2	04-144	024	1 READI1	B26/F0		
1READI1	1MEM3	04-150	024	1 READI1	B27/F0		
1READI1	1MEM4	04-156	024	1 READI1	B27/F3		
1READI1	1MEM5	04-162	024	1 READI1	B27/F5		
1REFI0	1MPDMC	04-132	102	0 REFI0	B24/G0	*	
1REFI0	1MEM1	04-138	320	1 REFI0	B24/F6		
1REFI0	TFD04143	04-143	018	10 1REFI0	B25/E2		
1REFI0	1MEM2	04-144	320	1 REFI0	B26/F0		
1REFI0	1MEM3	04-150	320	1 REFI0	B27/F0		
1REFI0	1MEM4	04-156	320	1 REFI0	B27/F3		
1REFI0	1MEM5	04-162	320	1 REFI0	B27/F5		
1RES1	1MR0MRAM	04-126	102	0 FANRST	B22/F2	*	
1RESET0	1MPS	04-114	304	0 RESET0	B20/F2		
1RESET0	1MPCON	04-120	354	1 RESET0	B21/F2		
1RESET0	1MR0MRAM	04-126	354	1 RESET0	B22/F2		
1RESET0	1MPDMC	04-132	302	1 RESET0	B24/G0		
1RESRAM0	TFD04082	04-082	045	10 1RESRAM0	B12/F1		
1RESRAM0	1MPS	04-114	209	1 STS0	B20/F2		
1ROMEN0	1MPS	04-114	110	10 ROMEN0	B20/F2		
1ROMEN0	1MR0MRAM	04-126	046	1 ROMEN0	B22/F2		
1RWP0	1MPC	04-108	054	0 RWP0	B19/F1		
1RWP0	1MR0MRAM	04-126	211	1 RWP0	B22/F2		
1SA1	TFD04082	04-082	323	10 SA1	B12/F1		
1SA1	1MPC	04-108	239	10 SA01	B19/F1		
1SA1	1MPS	04-114	318	1 SA01	B20/F2		
1SA1	1MPCON	04-120	139	10 SA1	B21/F2		
1SA1	1MR0MRAM	04-126	139	1 SA1	B22/F2		
1SA1	1MPDMC	04-132	139	1 SA1	B24/G0		
1SA10	1MPC	04-108	037	10 SA10	B19/F1		
1SA10	1MPS	04-114	116	1 SA10	B20/F2		
1SA10	1MPCON	04-120	336	10 SA10	B21/F2		
1SA10	1MR0MRAM	04-126	336	1 SA10	B22/F2		
1SA10	1MPDMC	04-132	336	1 SA10	B24/G0		
1SA11	1MPC	04-108	336	10 SA11	B19/F1		
1SA11	1MPS	04-114	015	1 SA11	B20/F2		
1SA11	1MPCON	04-120	236	10 SA11	B21/F2		
1SA11	1MR0MRAM	04-126	236	1 SA11	B22/F2		
1SA11	1MPDMC	04-132	236	1 SA11	B24/G0		
1SA12	1MPC	04-108	236	10 SA12	B19/F1		
1SA12	1MPS	04-114	115	1 SA12	B20/F2		
1SA12	1MPCON	04-120	136	10 SA12	B21/F2		
1SA12	1MR0MRAM	04-126	136	1 SA12	B22/F2		
1SA12	1MPDMC	04-132	136	1 SA12	B24/G0		
1SA13	1MPC	04-108	136	10 SA13	B19/F1		
1SA13	1MPS	04-114	215	1 SA13	B20/F2		
1SA13	1MPCON	04-120	036	10 SA13	B21/F2		
1SA13	1MR0MRAM	04-126	036	1 SA13	B22/F2		
1SA13	1MPDMC	04-132	036	1 SA13	B24/G0		
1SA14	1MPC	04-108	036	10 SA14	B19/F1		
1SA14	1MPS	04-114	315	1 SA14	B20/F2		
1SA14	1MPCON	04-120	335	10 SA14	B21/F2		
1SA14	1MR0MRAM	04-126	335	1 SA14	B22/F2		
1SA14	1MPDMC	04-132	335	1 SA14	B24/G0		
1SA15	1MPC	04-108	034	10 SA15	B19/F1		
1SA15	1MPS	04-114	314	1 SA15	B20/F2		
1SA15	1MPCON	04-120	333	10 SA15	B21/F2		
1SA15	1MR0MRAM	04-126	333	1 SA15	B22/F2		
1SA15	1MPDMC	04-132	333	1 SA15	B24/G0		
1SA16	1MPC	04-108	134	10 SA16	B19/F1		
1SA16	1MPS	04-114	114	1 SA16	B20/F2		
1SA16	1MPCON	04-120	034	10 SA16	B21/F2		
1SA16	1MR0MRAM	04-126	034	1 SA16	B22/F2		
1SA16	1MPDMC	04-132	034	1 SA16	B24/G0		
1SA17	1MPC	04-108	234	10 SA17	B19/F1		
1SA17	1MPS	04-114	014	1 SA17	B20/F2		
1SA17	1MPCON	04-120	134	10 SA17	B21/F2		
1SA17	1MR0MRAM	04-126	134	1 SA17	B22/F2		
1SA17	1MPDMC	04-132	134	1 SA17	B24/G0		
1SA18	1MPC	04-108	334	10 SA18	B19/F1		
1SA18	1MPS	04-114	013	1 SA18	B20/F2		
1SA18	1MPCON	04-120	234	10 SA18	B21/F2		
1SA18	1MR0MRAM	04-126	234	1 SA18	B22/F2		
1SA18	1MPDMC	04-132	234	1 SA18	B24/G0		
1SA19	1MPC	04-108	135	10 SA19	B19/F1		
1SA19	1MPS	04-114	113	1 SA19	B20/F2		
1SA19	1MPCON	04-120	334	10 SA19	B21/F2		

87	LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1SA19	1MR0MRAM	04-126	334	I	SA19	B22/F2	
1SA19	1MPDMC	04-132	334	I	SA19	B24/G0	
1SA2	TFD04082	04-082	322	IO	SA2	B12/F1	
1SA2	1MPC	04-108	139	IO	SA02	B19/F1	
1SA2	1MPS	04-114	218	I	SA02	B20/F2	
1SA2	1MPCON	04-120	039	IO	SA2	B21/F2	
1SA2	1MR0MRAM	04-126	039	I	SA2	B22/F2	
1SA2	1MPDMC	04-132	039	I	SA2	B24/G0	
1SA20	1MPC	04-108	335	IO	SA20	B19/F1	
1SA20	1MPS	04-114	213	I	SA20	B20/F2	
1SA20	1MPCON	04-120	235	IO	SA20	B21/F2	
1SA20	1MR0MRAM	04-126	235	I	SA20	B22/F2	
1SA20	1MPDMC	04-132	235	I	SA20	B24/G0	
1SA21	1MPC	04-108	033	IO	SA21	B19/F1	
1SA21	1MPS	04-114	211	I	SA21	B20/F2	
1SA21	1MPCON	04-120	232	IO	SA21	B21/F2	
1SA21	1MR0MRAM	04-126	232	I	SA21	B22/F2	
1SA21	1MPDMC	04-132	350	I	SA21	B24/G0	
1SA22	1MPC	04-108	032	IO	SA22	B19/F1	
1SA22	1MPS	04-114	219	I	SA22	B20/F2	
1SA22	1MPCON	04-120	132	IO	SA22	B21/F2	
1SA22	1MR0MRAM	04-126	132	I	SA22	B22/F2	
1SA22	1MPDMC	04-132	353	I	SA22	B24/G0	
1SA23	1MPC	04-108	132	IO	SA23	B19/F1	
1SA23	1MPS	04-114	019	I	SA23	B20/F2	
1SA23	1MPCON	04-120	024	IO	SA23	B21/F2	
1SA23	1MR0MRAM	04-126	032	I	SA23	B22/F2	
1SA23	1MPDMC	04-132	254	I	SA23	B24/G0	
1SA24	1MPC	04-108	232	IO	SA24	B19/F1	
1SA24	1MPS	04-114	311	I	SA24	B20/F2	
1SA24	1MPCON	04-120	023	IO	SA24	B21/F2	
1SA24	1MR0MRAM	04-126	339	I	SA24	B22/F2	
1SA24	1MPDMC	04-132	354	I	SA24	B24/G0	
1SA3	TFD04082	04-082	321	IO	SA3	B12/F1	
1SA3	1MPC	04-108	039	IO	SA03	B19/F1	
1SA3	1MPS	04-114	118	I	SA03	B20/F2	
1SA3	1MPCON	04-120	338	IO	SA3	B21/F2	
1SA3	1MR0MRAM	04-126	338	I	SA3	B22/F2	
1SA3	1MPDMC	04-132	338	I	SA3	B24/G0	
1SA4	TFD04082	04-082	320	IO	SA4	B12/F1	
1SA4	1MPC	04-108	338	IO	SA04	B19/F1	
1SA4	1MPS	04-114	018	I	SA04	B20/F2	
1SA4	1MPCON	04-120	238	IO	SA4	B21/F2	
1SA4	1MR0MRAM	04-126	238	I	SA4	B22/F2	
1SA4	1MPDMC	04-132	238	I	SA4	B24/G0	
1SA5	TFD04082	04-082	221	IO	SA5	B12/F1	
1SA5	1MPC	04-108	238	IO	SA05	B19/F1	
1SA5	1MPS	04-114	017	I	SA05	B20/F2	
1SA5	1MPCON	04-120	038	IO	SA5	B21/F2	
1SA5	1MR0MRAM	04-126	038	I	SA5	B22/F2	
1SA5	1MPDMC	04-132	038	I	SA5	B24/G0	
1SA6	TFD04082	04-082	220	IO	SA6	B12/F1	
1SA6	1MPC	04-108	038	IO	SA06	B19/F1	
1SA6	1MPS	04-114	117	I	SA06	B20/F2	
1SA6	1MPCON	04-120	337	IO	SA6	B21/F2	
1SA6	1MR0MRAM	04-126	337	I	SA6	B22/F2	
1SA6	1MPDMC	04-132	337	I	SA6	B24/G0	
1SA7	TFD04082	04-082	219	IO	SA7	B12/F1	
1SA7	1MPC	04-108	337	IO	SA07	B19/F1	
1SA7	1MPS	04-114	217	I	SA07	B20/F2	
1SA7	1MPCON	04-120	237	IO	SA7	B21/F2	
1SA7	1MR0MRAM	04-126	237	I	SA7	B22/F2	
1SA7	1MPDMC	04-132	237	I	SA7	B24/G0	
1SA8	TFD04082	04-082	217	IO	SA8	B12/F1	

A

B

C

D

E

F

G

H

0123456789

88 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1SA8	1MPC	04-108	237	I0	SA08	B19/F1	
1SA8	1MPS	04-114	316	I	SA08	B20/F2	
1SA8	1MPCON	04-120	137	I0	SA8	B21/F2	
1SA8	1MROMRAM	04-126	137	I	SA8	B22/F2	
1SA8	1MPDMC	04-132	137	I	SA8	B24/G0	
1SA9	TFD04082	04-082	316	I0	SA9	B12/F1	
1SA9	1MPC	04-108	137	I0	SA09	B19/F1	
1SA9	1MPS	04-114	216	I	SA09	B20/F2	
1SA9	1MPCON	04-120	037	I0	SA9	B21/F2	
1SA9	1MROMRAM	04-126	037	I	SA9	B22/F2	
1SA9	1MPDMC	04-132	037	I	SA9	B24/G0	
1SANINH0	TFD04082	04-082	039	I0	1SANINH0	B12/F1	
1SANINH0	1MPS	04-114	053	I	SANINH0	B20/F2	
1SANINH0	1MPCON	04-120	310	I0	SANINH0	B21/F2	
1SANINH0	1MROMRAM	04-126	256	0	SANINH0	B22/F2	
1SANLT1	TFD04087	04-087	045	I0	1SANLT1	B13/E2	*
1SANLT1	1MROMRAM	04-126	247	I0	SANLT1	B22/F2	
1SBHE0	1MPC	04-108	235	I0	SBHE0	B19/F1	
1SBHE0	1MPS	04-114	312	I	SBHE0	B20/F2	
1SBHE0	1MPCON	04-120	135	I0	SBHE0	B21/F2	
1SBHE0	1MROMRAM	04-126	135	I	SBHE0	B22/F2	
1SBHE0	1MPDMC	04-132	135	I	SBHE0	B24/G0	
1SBLE0	TFD04082	04-082	324	I0	1SBLE0	B12/F1	
1SBLE0	1MPC	04-108	339	I0	SBLE0	B19/F1	
1SBLE0	1MPS	04-114	319	I	SBLE0	B20/F2	
1SBLE0	1MPCON	04-120	239	I0	SA0	B21/F2	
1SBLE0	1MROMRAM	04-126	239	I	SBLE0	B22/F2	
1SBLE0	1MPDMC	04-132	239	I	SBLE0	B24/G0	
1SCAN1	1MROMRAM	04-126	103	I	FAN	B22/F2	*
1SCLOCK	1MPC	04-108	324	0	SCLOCK	B19/F1	
1SCLOCK	1MPS	04-114	003	I	SCLOCK	B20/F2	
1SCLOCK	1MPDMC	04-132	221	I	SCLOCK	B24/G0	
1SD0	1MPC	04-108	116	I0	SD00	B19/F1	
1SD0	1MPS	04-114	020	I0	SD00	B20/F2	
1SD0	1MROMRAM	04-126	314	I0	SD0	B22/F2	
1SD0	1MPDMC	04-132	314	I0	SD0	B24/G0	
1SD1	1MPC	04-108	216	I0	SD01	B19/F1	
1SD1	1MPS	04-114	120	I0	SD01	B20/F2	
1SD1	1MROMRAM	04-126	015	I0	SD1	B22/F2	
1SD1	1MPDMC	04-132	015	I0	SD1	B24/G0	
1SD10	1MPC	04-108	318	I0	SD10	B19/F1	
1SD10	1MPS	04-114	322	I0	SD10	B20/F2	
1SD10	1MROMRAM	04-126	217	I0	SD10	B22/F2	
1SD10	1MPDMC	04-132	217	I0	SD10	B24/G0	
1SD11	1MPC	04-108	019	I0	SD11	B19/F1	
1SD11	1MPS	04-114	323	I0	SD11	B20/F2	
1SD11	1MROMRAM	04-126	317	I0	SD11	B22/F2	
1SD11	1MPDMC	04-132	317	I0	SD11	B24/G0	
1SD12	1MPC	04-108	219	I0	SD12	B19/F1	
1SD12	1MPS	04-114	223	I0	SD12	B20/F2	
1SD12	1MROMRAM	04-126	018	I0	SD12	B22/F2	
1SD12	1MPDMC	04-132	018	I0	SD12	B24/G0	
1SD13	1MPC	04-108	319	I0	SD13	B19/F1	
1SD13	1MPS	04-114	123	I0	SD13	B20/F2	
1SD13	1MROMRAM	04-126	118	I0	SD13	B22/F2	
1SD13	1MPDMC	04-132	118	I0	SD13	B24/G0	
1SD14	1MPC	04-108	020	I0	SD14	B19/F1	
1SD14	1MPS	04-114	023	I0	SD14	B20/F2	
1SD14	1MROMRAM	04-126	218	I0	SD14	B22/F2	
1SD14	1MPDMC	04-132	218	I0	SD14	B24/G0	
1SD15	1MPC	04-108	120	I0	SD15	B19/F1	
1SD15	1MPS	04-114	024	I0	SD15	B20/F2	
1SD15	1MROMRAM	04-126	318	I0	SD15	B22/F2	
1SD15	1MPDMC	04-132	318	I0	SD15	B24/G0	
1SD2	1MPC	04-108	316	I0	SD02	B19/F1	
1SD2	1MPS	04-114	220	I0	SD02	B20/F2	
1SD2	1MROMRAM	04-126	115	I0	SD2	B22/F2	
1SD2	1MPDMC	04-132	115	I0	SD2	B24/G0	
1SD3	1MPC	04-108	017	I0	SD03	B19/F1	
1SD3	1MPS	04-114	320	I0	SD03	B20/F2	
1SD3	1MROMRAM	04-126	215	I0	SD3	B22/F2	
1SD3	1MPDMC	04-132	215	I0	SD3	B24/G0	
1SD4	1MPC	04-108	117	I0	SD04	B19/F1	
1SD4	1MPS	04-114	321	I0	SD04	B20/F2	
1SD4	1MROMRAM	04-126	315	I0	SD4	B22/F2	
1SD4	1MPDMC	04-132	315	I0	SD4	B24/G0	
1SD5	1MPC	04-108	217	I0	SD05	B19/F1	

89 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
1SD5	1MPS	04-114	221	I0	SD05	B20/F2	
1SD5	1MROMRAM	04-126	116	I0	SD5	B22/F2	
1SD5	1MPDMC	04-132	116	I0	SD5	B24/G0	
1SD6	1MPC	04-108	317	I0	SD06	B19/F1	
1SD6	1MPS	04-114	121	I0	SD06	B20/F2	
1SD6	1MROMRAM	04-126	216	I0	SD6	B22/F2	
1SD6	1MPDMC	04-132	216	I0	SD6	B24/G0	
1SD7	1MPC	04-108	018	I0	SD07	B19/F1	
1SD7	1MPS	04-114	021	I0	SD07	B20/F2	
1SD7	1MROMRAM	04-126	316	I0	SD7	B22/F2	
1SD7	1MPDMC	04-132	316	I0	SD7	B24/G0	
1SD8	1MPC	04-108	118	I0	SD08	B19/F1	
1SD8	1MPS	04-114	022	I0	SD08	B20/F2	
1SD8	1MROMRAM	04-126	017	I0	SD8	B22/F2	
1SD8	1MPDMC	04-132	017	I0	SD8	B24/G0	
1SD9	1MPC	04-108	218	I0	SD09	B19/F1	
1SD9	1MPS	04-114	122	I0	SD09	B20/F2	
1SD9	1MROMRAM	04-126	117	I0	SD9	B22/F2	
1SD9	1MPDMC	04-132	117	I0	SD9	B24/G0	
1SDEN0	1MPC	04-108	105	0	SDEN0	B19/F1	
1SDEN0	1MPS	04-114	102	I	SDEN0	B20/F2	
1SDEN0	1MPCON	04-120	304	I	SDEN0	B21/F2	
1SDEN0	1MROMRAM	04-126	304	I	SDEN0	B22/F2	
1SDEN0	1MPDMC	04-132	304	I	SDEN0	B24/G0	
1SDIR	1MPC	04-108	005	0	SDIR	B19/F1	
1SDIR	1MPS	04-114	202	I	SDIR	B20/F2	
1SDIR	1MPCON	04-120	104	I	SDIR	B21/F2	
1SDIR	1MROMRAM	04-126	104	I	SDIR	B22/F2	
1SDIR	1MPDMC	04-132	104	I	SDIR	B24/G0	
1SEAPAR	1MPC	04-108	133	I0	SEAPAR	B19/F1	
1SEAPAR	1MPS	04-114	212	I	SEAPAR	B20/F2	
1SEAPAR	1MPCON	04-120	033	I0	SEAPAR	B21/F2	
1SEAPAR	1MPDMC	04-132	033	I	SEAPAR	B24/G0	
1SELB00	1MPDMC	04-132	213	0	SELB00	B24/G0	
1SELB00	1MEM1	04-138	033	I	SELI0	B24/F6	
1SELB10	1MPDMC	04-132	014	0	SELB10	B24/G0	
1SELB10	1MEM2	04-144	033	I	SELI0	B26/F0	
1SELB20	1MPDMC	04-132	114	0	SELB20	B24/G0	
1SELB20	1MEM3	04-150	033	I	SELI0	B27/F0	
1SELB30	1MPDMC	04-132	214	0	SELB30	B24/G0	
1SELB30	1MEM4	04-156	033	I	SELI0	B27/F3	
1SELB40	1MPDMC	04-132	120	0	SELB40	B24/G0	
1SELB40	1MEM5	04-162	033	I	SELI0	B27/F5	
1SENSE4	TFD04087	04-087	052	I0	1SENSE4	B13/E2	
1SETWP0	1MPC	04-108	256	0	SETWP0	B19/F1	
1SETWP0	1MROMRAM	04-126	302	I	SETWP0	B22/F2	
1SHAPAR	1MPC	04-108	233	I0	SHAPAR	B19/F1	
1SHAPAR	1MPS	04-114	214	I	SHAPAR	B20/F2	
1SHAPAR	1MPCON	04-120	133	I0	SHAPAR	B21/F2	
1SHAPAR	1MROMRAM	04-126	133	I	SHAPAR	B22/F2	
1SHAPAR	1MPDMC	04-132	133	I	SHAPAR	B24/G0	
1SHDPAR	1MPC	04-108	320	I0	SHDPAR	B19/F1	
1SHDPAR	1MPS	04-114	224	I0	SHDPAR	B20/F2	
1SHDPAR	1MPCON	04-120	219	I0	SHDPAR	B21/F2	
1SHDPAR	1MROMRAM	04-126	219	I0	SHDPAR	B22/F2	
1SHDPAR	1MPDMC	04-132	219	I0	SHDPAR	B24/G0	
1SHSTOP0	1MPC	04-108	155	I	SHSTOP0	B19/F1	
1SHSTOP0	1MPS	04-114	309	0	SHSTOP0	B20/F2	
1SLAPAR	1MPC	04-108	333	I0	SLAPAR	B19/F1	
1SLAPAR	1MPS	04-114	317	I	SLAPAR	B20/F2	
1SLAPAR	1MPCON	04-120	233	I0	SLAPAR	B21/F2	
1SLAPAR	1MROMRAM	04-126	233	I	SLAPAR	B22/F2	
1SLAPAR	1MPDMC	04-132	233	I	SLAPAR	B24/G0	
1SLDPAR	1MPC	04-108	220	I0	SLDPAR	B19/F1	
1SLDPAR	1MPS	04-114	124	I0	SLDPAR	B20/F2	
1SLDPAR	1MROMRAM	04-126	019	I0	SLDPAR	B22/F2	
1SLDPAR	1MPDMC	04-132	019	I0	SLDPAR	B24/G0	
1SPB0	TFD13054	13-054	134	I0	1SPB0	B36/H1	
1SPB0	TFD13130	13-130	145	I0	1SPB0	B48/G2	
1SPB1	TFD13054	13-054	135	I0	1SPB1	B36/H1	
1SPB1	TFD13130	13-130	146	I0	1SPB1	B48/G2	
1SPB2	TFD13054	13-054	136	I0	1SPB2	B36/H1	
1SPB2	TFD13130	13-130	147	I0	1SPB2	B48/G2	

90	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1SPB3	TFD13054		13-054	137	I0	1SPB3	B36/H1	
1SPB3	TFD13130		13-130	148	I0	1SPB3	B48/G2	
1SPB4	TFD13054		13-054	138	I0	1SPB4	B36/H1	
1SPB4	TFD13130		13-130	149	I0	1SPB4	B48/G2	
1SPB5	TFD13054		13-054	139	I0	1SPB5	B36/H1	
1SPB5	TFD13130		13-130	150	I0	1SPB5	B48/G2	
1SPB6	TFD13054		13-054	140	I0	1SPB6	B36/H1	
1SPB6	TFD13130		13-130	151	I0	1SPB6	B48/G2	
1SPB7	TFD13054		13-054	141	I0	1SPB7	B36/H1	
1SPB7	TFD13130		13-130	152	I0	1SPB7	B48/G2	
1SPB8	TFD13054		13-054	142	I0	1SPB8	B36/H1	
1SPB8	TFD13130		13-130	153	I0	1SPB8	B48/G2	
1SPB9	TFD13054		13-054	143	I0	1SPB9	B36/H1	
1SPB9	TFD13130		13-130	154	I0	1SPB9	B48/G2	
1SPLIT0	1MPCON		04-120	311	I0	SPLIT0	B21/F2	
1SPLIT0	1MROMRAM		04-126	342	I0	SPLIT0	B22/F2	
1SPNN0T	1TSI		13-122	243	I	SSNIN0	B47/E1	
1SPNN0T	TFD13130		13-130	243	I0	1SPNN0T	B48/G2	
1SPNN1T	1TSI		13-122	242	I	SSNIN1	B47/E1	
1SPNN1T	TFD13130		13-130	242	I0	1SPNN1T	B48/G2	
1SPNN2T	1TSI		13-122	241	I	SSNIN2	B47/E1	
1SPNN2T	TFD13130		13-130	241	I0	1SPNN2T	B48/G2	
1SPNN3T	1TSI		13-122	240	I	SSNIN3	B47/E1	
1SPNN3T	TFD13130		13-130	240	I0	1SPNN3T	B48/G2	
1SPPN0T	1TSI		13-122	237	I	SSPIN0	B47/E1	
1SPPN0T	TFD13130		13-130	237	I0	1SPPN0T	B48/G2	
1SPPN1T	1TSI		13-122	236	I	SSPIN1	B47/E1	
1SPPN1T	TFD13130		13-130	236	I0	1SPPN1T	B48/G2	
1SPPN2T	1TSI		13-122	235	I	SSPIN2	B47/E1	
1SPPN2T	TFD13130		13-130	235	I0	1SPPN2T	B48/G2	
1SPPN3T	1TSI		13-122	234	I	SSPIN3	B47/E1	
1SPPN3T	TFD13130		13-130	234	I0	1SPPN3T	B48/G2	
1STKERR0	1MPS		04-114	034	I	STKERR0	B20/F2	
1STKERR0	1MROMRAM		04-126	320	O	STKERR0	B22/F2	
1STW0	TFD04082		04-082	037	I0	1STW0	B12/F1	
1STW0	1MPCON		04-120	314	I0	1STW0	B21/F2	
1SU0ERR0	1MPCON		04-120	324	I	SU0ERR0	B21/F2	
1SU0ERR0	1TSI		13-122	312	O	SUBTINT	B47/E1	
1SU0ERR0	1CI0		13-154	244	O	TS1INT	B51/F0	
1SU0S0	1MPS		04-114	342	O	SU0S0	B20/F2	
1SU0S0	1TSI		13-122	346	I	SUBTBS	B47/E1	
1SU0WT0	1MPS		04-114	245	O	SU0WT0	B20/F2	
1SU0WT0	1TSI		13-122	334	I	SUBTRD	B47/E1	
1SU1ERR0	1MPCON		04-120	322	I	SU1ERR0	B21/F2	
1SU1ERR0	1TSI		13-122	223	O	SUBSINT	B47/E1	
1SU1S0	1MPS		04-114	343	O	SU1S0	B20/F2	
1SU1S0	1TSI		13-122	212	I	SUBSBS	B47/E1	
1SU1WT0	1MPS		04-114	345	I	SU1WT0	B20/F2	
1SU1WT0	1TSI		13-122	133	O	SUBSRD	B47/E1	
1SU2ERR0	1MPCON		04-120	320	I	SU2ERR0	B21/F2	
1SU2ERR0	1TSI		13-122	215	I0	CI0INT	B47/E1	

A

B

C

D

E

F

G

H

91 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1SU2ERR0	1CI0	13-154	119	0	NINT	B51/F0	
1SU2S0	1MPS	04-114	243	0	SU2S0	B20/F2	
1SU2S0	1CI0	13-154	319	I	NBS	B51/F0	
1SU2WT0	1MPS	04-114	346	I	SU2WT0	B20/F2	
1SU2WT0	1CI0	13-154	019	0	READY	B51/F0	
1SU3ERR0	1MPCON	04-120	318	I	SU3ERR0	B21/F2	
1SU3ERR0	1TSI	13-122	139	IO	CI1INT	B47/E1	
1SU3ERR0	1CI1	13-162	119	0	NINT	B52/F0	
1SU3S0	1MPS	04-114	143	0	SU3S0	B20/F2	
1SU3S0	1CI1	13-162	319	I	NBS	B52/F0	
1SU3WT0	1MPS	04-114	246	I	SU3WT0	B20/F2	
1SU3WT0	1CI1	13-162	019	0	READY	B52/F0	
1SU4ERR0	1MPCON	04-120	316	I	SU4ERR0	B21/F2	
1SU4ERR0	1PI	13-114	324	IO	1SU4ERR0	B45/E0	
1SU4S0	1MPS	04-114	043	0	SU4S0	B20/F2	
1SU4S0	1PI	13-114	346	IO	1SU4S0	B45/E0	
1SU4WT0	1MPS	04-114	146	I	SU4WT0	B20/F2	
1SU4WT0	1PI	13-114	334	IO	1SU4WT0	B45/E0	
1SU5ERR0	1MPCON	04-120	215	I	SU5ERR0	B21/F2	
1SU5ERR0	1TSI	13-122	222	IO	SSPINT	B47/E1	
1SU5ERR0	TFD13130	13-130	315	IO	1SU5ERR0	B48/G2	
1SU5S0	1MPS	04-114	044	0	SU5S0	B20/F2	
1SU5S0	TFD13130	13-130	346	IO	1SU5S0	B48/G2	
1SU5WT0	1MPS	04-114	046	I	SU5WT0	B20/F2	
1SU5WT0	TFD13130	13-130	334	IO	1SU5WT0	B48/G2	
1SU6ERR0	1MPCON	04-120	114	I	SU6ERR0	B21/F2	
1SU6ERR0	TFD13139	13-139	024	IO	1SU6ERR0	B48/F6	
1SU6S0	1MPS	04-114	348	0	SU6S0	B20/F2	
1SU6S0	TFD13139	13-139	046	IO	1SU6S0	B48/F6	
1SU6WT0	1MPS	04-114	050	I	SU6WT0	B20/F2	
1SU6WT0	TFD13139	13-139	034	IO	1SU6WT0	B48/F6	
1SU7ERR0	1MPCON	04-120	213	I	SU7ERR0	B21/F2	
1SU7ERR0	TFD13147	13-147	024	IO	1SU7ERR0	B49/F6	
1SU7S0	1MPS	04-114	349	0	SU7S0	B20/F2	
1SU7S0	TFD13147	13-147	046	IO	1SU7S0	B49/F6	
1SU7WT0	1MPS	04-114	151	I	SU7WT0	B20/F2	
1SU7WT0	TFD13147	13-147	034	IO	1SU7WT0	B49/F6	
1SUA1Z	1MPS	04-114	341	0	SUA1	B20/F2	
1SUA1Z	1PI	13-114	323	IO	1SUA1Z	B45/E0	
1SUA1Z	1TSI	13-122	323	I	SUBA1	B47/E1	
1SUA1Z	TFD13130	13-130	323	IO	1SUA1Z	B48/G2	
1SUA1Z	TFD13139	13-139	023	IO	1SUA1Z	B48/F6	
1SUA1Z	TFD13147	13-147	023	IO	1SUA1Z	B49/F6	
1SUA1Z	1CI0	13-154	313	I	A1	B51/F0	
1SUA1Z	1CI1	13-162	313	I	A1	B52/F0	
1SUA2	1MPS	04-114	141	0	SUA2	B20/F2	
1SUA2	1PI	13-114	322	IO	1SUA2	B45/E0	
1SUA2	1TSI	13-122	322	I	SUBA2	B47/E1	
1SUA2	TFD13130	13-130	322	IO	1SUA2	B48/G2	
1SUA2	TFD13139	13-139	022	IO	1SUA2	B48/F6	
1SUA2	TFD13147	13-147	022	IO	1SUA2	B49/F6	
1SUA2	1CI0	13-154	312	I	A2	B51/F0	
1SUA2	1CI1	13-162	312	I	A2	B52/F0	
1SUA3	1MPS	04-114	041	0	SUA3	B20/F2	
1SUA3	1PI	13-114	321	IO	1SUA3	B45/E0	
1SUA3	1TSI	13-122	321	I	SUBA3	B47/E1	
1SUA3	TFD13130	13-130	321	IO	1SUA3	B48/G2	
1SUA3	TFD13139	13-139	021	IO	1SUA3	B48/F6	
1SUA3	TFD13147	13-147	021	IO	1SUA3	B49/F6	
1SUA3	1CI0	13-154	306	I	A3	B51/F0	
1SUA3	1CI1	13-162	306	I	A3	B52/F0	
1SUA4	1MPS	04-114	042	0	SUA4	B20/F2	
1SUA4	1PI	13-114	320	IO	1SUA4	B45/E0	
1SUA4	1TSI	13-122	320	I	SUBA4	B47/E1	
1SUA4	TFD13130	13-130	320	IO	1SUA4	B48/G2	
1SUA4	TFD13139	13-139	020	IO	1SUA4	B48/F6	
1SUA4	TFD13147	13-147	020	IO	1SUA4	B49/F6	
1SUA4	1CI0	13-154	213	I	A4	B51/F0	
1SUA4	1CI1	13-162	213	I	A4	B52/F0	
1SUA5	1MPS	04-114	142	0	SUA5	B20/F2	
1SUA5	1PI	13-114	319	IO	1SUA5	B45/E0	
1SUA5	1TSI	13-122	221	I	SUBA5	B47/E1	
1SUA5	TFD13130	13-130	319	IO	1SUA5	B48/G2	

92 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1SUA5	TFD13139	13-139	019	IO	1SUA5	B48/F6	
1SUA5	TFD13147	13-147	019	IO	1SUA5	B49/F6	
1SUA5	1CI0	13-154	212	I	A5	B51/F0	
1SUA5	1CI1	13-162	212	I	A5	B52/F0	
1SUA6	1MPS	04-114	242	0	SUA6	B20/F2	
1SUA6	1PI	13-114	318	IO	1SUA6	B45/E0	
1SUA6	1TSI	13-122	220	I	SUBA6	B47/E1	
1SUA6	TFD13130	13-130	318	IO	1SUA6	B48/G2	
1SUA6	TFD13139	13-139	018	IO	1SUA6	B48/F6	
1SUA6	TFD13147	13-147	018	IO	1SUA6	B49/F6	
1SUA6	1CI0	13-154	206	I	A6	B51/F0	
1SUA6	1CI1	13-162	206	I	A6	B52/F0	
1SUAP	1MPS	04-114	140	0	SUAP	B20/F2	
1SUAP	1PI	13-114	315	IO	1SUAP	B45/E0	
1SUAP	1TSI	13-122	315	I	SUBAP	B47/E1	
1SUAP	TFD13130	13-130	317	IO	1SUAP	B48/G2	
1SUAP	TFD13139	13-139	017	IO	1SUAP	B48/F6	
1SUAP	TFD13147	13-147	017	IO	1SUAP	B49/F6	
1SUAP	1CI0	13-154	219	I	APAR	B51/F0	
1SUAP	1CI1	13-162	219	I	APAR	B52/F0	
1SUD0Z	1MPS	04-114	339	IO	SUD00	B20/F2	
1SUD0Z	1PI	13-114	344	IO	1SUD0Z	B45/E0	
1SUD0Z	1TSI	13-122	344	IO	SUD00	B47/E1	
1SUD0Z	TFD13130	13-130	344	IO	1SUD0Z	B48/G2	
1SUD0Z	TFD13139	13-139	044	IO	1SUD0Z	B48/F6	
1SUD0Z	TFD13147	13-147	044	IO	1SUD0Z	B49/F6	
1SUD0Z	1CI0	13-154	512	IO	D0	B51/F0	
1SUD0Z	1CI1	13-162	512	IO	D0	B52/F0	
1SUD10Z	1MPS	04-114	037	IO	SUD10	B20/F2	
1SUD10Z	1PI	13-114	353	IO	1SUD10Z	B45/E0	
1SUD10Z	1TSI	13-122	353	IO	SUD10	B47/E1	
1SUD10Z	TFD13130	13-130	353	IO	1SUD10Z	B48/G2	
1SUD10Z	TFD13139	13-139	053	IO	1SUD10Z	B48/F6	
1SUD10Z	TFD13147	13-147	053	IO	1SUD10Z	B49/F6	
1SUD10Z	1CI0	13-154	405	IO	D10	B51/F0	
1SUD10Z	1CI1	13-162	405	IO	D10	B52/F0	
1SUD11Z	1MPS	04-114	036	IO	SUD11	B20/F2	
1SUD11Z	1PI	13-114	352	IO	1SUD11Z	B45/E0	
1SUD11Z	1TSI	13-122	352	IO	SUD11	B47/E1	
1SUD11Z	TFD13130	13-130	352	IO	1SUD11Z	B48/G2	
1SUD11Z	TFD13139	13-139	052	IO	1SUD11Z	B48/F6	
1SUD11Z	TFD13147	13-147	052	IO	1SUD11Z	B49/F6	
1SUD11Z	1CI0	13-154	404	IO	D11	B51/F0	
1SUD11Z	1CI1	13-162	404	IO	D11	B52/F0	
1SUD12	1MPS	04-114	136	IO	SUD12	B20/F2	
1SUD12	1PI	13-114	351	IO	1SUD12	B45/E0	
1SUD12	1TSI	13-122	351	IO	SUD12	B47/E1	
1SUD12	TFD13130	13-130	351	IO	1SUD12	B48/G2	
1SUD12	TFD13139	13-139	051	IO	1SUD12	B48/F6	
1SUD12	TFD13147	13-147	051	IO	1SUD12	B49/F6	
1SUD12	1CI0	13-154	403	IO	D12	B51/F0	
1SUD12	1CI1	13-162	403	IO	D12	B52/F0	
1SUD13	1MPS	04-114	236	IO	SUD13	B20/F2	
1SUD13	1PI	13-114	350	IO	1SUD13	B45/E0	
1SUD13	1TSI	13-122	350	IO	SUD13	B47/E1	
1SUD13	TFD13130	13-130	350	IO	1SUD13	B48/G2	
1SUD13	TFD13139	13-139	050	IO	1SUD13	B48/F6	
1SUD13	TFD13147	13-147	050	IO	1SUD13	B49/F6	
1SUD13	1CI0	13-154	402	IO	D13	B51/F0	
1SUD13	1CI1	13-162	402	IO	D13	B52/F0	
1SUD14	1MPS	04-114	336	IO	SUD14	B20/F2	
1SUD14	1PI	13-114	349	IO	1SUD14	B45/E0	
1SUD14	1TSI	13-122	349	IO	SUD14	B47/E1	
1SUD14	TFD13130	13-130	349	IO	1SUD14	B48/G2	
1SUD14	TFD13139	13-139	049	IO	1SUD14	B48/F6	
1SUD14	TFD13147	13-147	049	IO	1SUD14	B49/F6	
1SUD14	1CI0	13-154	401	IO	D14	B51/F0	
1SUD14	1CI1	13-162	401	IO	D14	B52/F0	
1SUD15	1MPS	04-114	335	IO	SUD15	B20/F2	
1SUD15	1PI	13-114	348	IO	1SUD15	B45/E0	
1SUD15	1TSI	13-122	348	IO	SUD15	B47/E1	
1SUD15	TFD13130	13-130	348	IO	1SUD15	B48/G2	
1SUD15	TFD13139	13-139	048	IO	1SUD15	B48/F6	
1SUD15	TFD13147	13-147	048	IO	1SUD15	B49/F6	
1SUD15	1CI0	13-154	400	IO	D15	B51/F0	
1SUD15	1CI1	13-162	400	IO	D15	B52/F0	
1SUD1Z	1MPS	04-114	239	IO	SUD01	B20/F2	
1SUD1Z	1PI	13-114	343	IO	1SUD1Z	B45/E0	
1SUD1Z	1TSI	13-122	343	IO	SUD1	B47/E1	
1SUD1Z	TFD13130	13-130	343	IO	1SUD1Z	B48/G2	
1SUD1Z	TFD13139	13-139	043	IO	1SUD1Z	B48/F6	
1SUD1Z	TFD13147	13-147	043	IO	1SUD1Z	B49/F6	
1SUD1Z	1CI0	13-154	506	IO	D1	B51/F0	
1SUD1Z	1CI1	13-162	506	IO	D1	B52/F0	
1SUD2	1MPS	04-114	139	IO	SUD02	B20/F2	

A

B

C

D

E

F

G

H

93 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1SUD2	1PI	13-114	342	IO	1SUD2	B45/E0	
1SUD2	1TSI	13-122	342	IO	SUD2	B47/E1	
1SUD2	TFD13130	13-130	342	IO	1SUD2	B48/G2	
1SUD2	TFD13139	13-139	042	IO	1SUD2	B48/F6	
1SUD2	TFD13147	13-147	042	IO	1SUD2	B49/F6	
1SUD2	1CI0	13-154	505	IO	D2	B51/F0	
1SUD2	1CI1	13-162	505	IO	D2	B52/F0	
1SUD3	1MPS	04-114	039	IO	SUD03	B20/F2	
1SUD3	1PI	13-114	341	IO	1SUD3	B45/E0	
1SUD3	1TSI	13-122	341	IO	SUDB3	B47/E1	
1SUD3	TFD13130	13-130	341	IO	1SUD3	B48/G2	
1SUD3	TFD13139	13-139	041	IO	1SUD3	B48/F6	
1SUD3	TFD13147	13-147	041	IO	1SUD3	B49/F6	
1SUD3	1CI0	13-154	504	IO	D3	B51/F0	
1SUD3	1CI1	13-162	504	IO	D3	B52/F0	
1SUD4	1MPS	04-114	038	IO	SUD04	B20/F2	
1SUD4	1PI	13-114	340	IO	1SUD4	B45/E0	
1SUD4	1TSI	13-122	340	IO	SUDB4	B47/E1	
1SUD4	TFD13130	13-130	340	IO	1SUD4	B48/G2	
1SUD4	TFD13139	13-139	040	IO	1SUD4	B48/F6	
1SUD4	TFD13147	13-147	040	IO	1SUD4	B49/F6	
1SUD4	1CI0	13-154	503	IO	D4	B51/F0	
1SUD4	1CI1	13-162	503	IO	D4	B52/F0	
1SUD5	1MPS	04-114	238	IO	SUD05	B20/F2	
1SUD5	1PI	13-114	339	IO	1SUD5	B45/E0	
1SUD5	1TSI	13-122	339	IO	SUDB5	B47/E1	
1SUD5	TFD13130	13-130	339	IO	1SUD5	B48/G2	
1SUD5	TFD13139	13-139	039	IO	1SUD5	B48/F6	
1SUD5	TFD13147	13-147	039	IO	1SUD5	B49/F6	
1SUD5	1CI0	13-154	502	IO	D5	B51/F0	
1SUD5	1CI1	13-162	502	IO	D5	B52/F0	
1SUD6	1MPS	04-114	338	IO	SUD06	B20/F2	
1SUD6	1PI	13-114	337	IO	1SUD6	B45/E0	
1SUD6	1TSI	13-122	337	IO	SUDB6	B47/E1	
1SUD6	TFD13130	13-130	337	IO	1SUD6	B48/G2	
1SUD6	TFD13139	13-139	037	IO	1SUD6	B48/F6	
1SUD6	TFD13147	13-147	037	IO	1SUD6	B49/F6	
1SUD6	1CI0	13-154	501	IO	D6	B51/F0	
1SUD6	1CI1	13-162	501	IO	D6	B52/F0	
1SUD7	1MPS	04-114	337	IO	SUD07	B20/F2	
1SUD7	1PI	13-114	336	IO	1SUD7	B45/E0	
1SUD7	1TSI	13-122	336	IO	SUDB7	B47/E1	
1SUD7	TFD13130	13-130	336	IO	1SUD7	B48/G2	
1SUD7	TFD13139	13-139	036	IO	1SUD7	B48/F6	
1SUD7	TFD13147	13-147	036	IO	1SUD7	B49/F6	
1SUD7	1CI0	13-154	500	IO	D7	B51/F0	
1SUD7	1CI1	13-162	500	IO	D7	B52/F0	
1SUD8	1MPS	04-114	237	IO	SUD08	B20/F2	
1SUD8	1PI	13-114	355	IO	1SUD8	B45/E0	
1SUD8	1TSI	13-122	355	IO	SUDB8	B47/E1	
1SUD8	TFD13130	13-130	355	IO	1SUD8	B48/G2	
1SUD8	TFD13139	13-139	055	IO	1SUD8	B48/F6	
1SUD8	TFD13147	13-147	055	IO	1SUD8	B49/F6	
1SUD8	1CI0	13-154	412	IO	D8	B51/F0	
1SUD8	1CI1	13-162	412	IO	D8	B52/F0	
1SUD9	1MPS	04-114	137	IO	SUD09	B20/F2	
1SUD9	1PI	13-114	354	IO	1SUD9	B45/E0	
1SUD9	1TSI	13-122	354	IO	SUDB9	B47/E1	
1SUD9	TFD13130	13-130	354	IO	1SUD9	B48/G2	
1SUD9	TFD13139	13-139	054	IO	1SUD9	B48/F6	
1SUD9	TFD13147	13-147	054	IO	1SUD9	B49/F6	
1SUD9	1CI0	13-154	406	IO	D9	B51/F0	
1SUD9	1CI1	13-162	406	IO	D9	B52/F0	
1SUDPH	1MPS	04-114	134	IO	SUDPH	B20/F2	
1SUDPH	1PI	13-114	347	IO	1SUDPH	B45/E0	
1SUDPH	1TSI	13-122	347	IO	SUDBPH	B47/E1	
1SUDPH	TFD13130	13-130	347	IO	1SUDPH	B48/G2	

A

B

C

D

E

F

G

H

94 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1SUDPH	TFD13139	13-139	047	IO	1SUDPH	B48/F6	
1SUDPH	TFD13147	13-147	047	IO	1SUDPH	B49/F6	
1SUDPH	1CI0	13-154	413	IO	DPARH	B51/F0	
1SUDPH	1CI1	13-162	413	IO	DPARH	B52/F0	
1SUDPL	1MPS	04-114	135	IO	SUDPL	B20/F2	
1SUDPL	1PI	13-114	335	IO	1SUDPL	B45/E0	
1SUDPL	1TSI	13-122	335	IO	SUDPL	B47/E1	
1SUDPL	TFD13130	13-130	335	IO	1SUDPL	B48/G2	
1SUDPL	TFD13139	13-139	035	IO	1SUDPL	B48/F6	
1SUDPL	TFD13147	13-147	035	IO	1SUDPL	B49/F6	
1SUDPL	1CI0	13-154	513	IO	DPARL	B51/F0	
1SUDPL	1CI1	13-162	513	IO	DPARL	B52/F0	
1SURD0	1MPS	04-114	340	O	SURD0	B20/F2	
1SURD0	1PI	13-114	333	IO	1SURD0	B45/E0	
1SURD0	1TSI	13-122	333	I	SURD0	B47/E1	
1SURD0	TFD13130	13-130	333	IO	1SURD0	B48/G2	
1SURD0	TFD13139	13-139	033	IO	1SURD0	B48/F6	
1SURD0	TFD13147	13-147	033	IO	1SURD0	B49/F6	
1SURD0	1CI0	13-154	419	I	NRD	B51/F0	
1SURD0	1CI1	13-162	419	I	NRD	B52/F0	
1SUWR0	1MPS	04-114	040	O	SUWR0	B20/F2	
1SUWR0	1PI	13-114	345	IO	1SUWR0	B45/E0	
1SUWR0	1TSI	13-122	345	I	SUWR0	B47/E1	
1SUWR0	TFD13130	13-130	345	IO	1SUWR0	B48/G2	
1SUWR0	TFD13139	13-139	045	IO	1SUWR0	B48/F6	
1SUWR0	TFD13147	13-147	045	IO	1SUWR0	B49/F6	
1SUWR0	1CI0	13-154	519	I	NWR	B51/F0	
1SUWR0	1CI1	13-162	519	I	NWR	B52/F0	
1SWAIT0	1MPC	04-108	203	IO	SWAIT0	B19/F1	
1SWAIT0	1MPS	04-114	302	O	SWAIT0	B20/F2	
1SWAIT0	1MPCON	04-120	007	O	SWAIT0	B21/F2	
1SWAIT0	1MPDMC	04-132	005	O	SWAIT0	B24/G0	
1SWR0	1MPC	04-108	205	O	SWR0	B19/F1	
1SWR0	1MPS	04-114	002	I	SWR0	B20/F2	
1SWR0	1MPCON	04-120	202	I	SWR0	B21/F2	
1SWR0	1MR0MRAM	04-126	202	I	SWR0	B22/F2	
1SWR0	1MPDMC	04-132	202	I	SWR0	B24/G0	
1SY6MS00	0TSI	13-062	015	I	DLI16M	B37/E0	
1SY6MS00	0DLI	13-084	002	IO	1SY6MS00	B41/E0	
1SY6MS00	1DLI	13-098	007	IO	0SY6MS00	B44/E0	
1SY6MS10	1DLI	13-098	107	IO	0SY6MS10	B44/E0	
1SY6MS10	1TSI	13-122	015	IO	DLI16M	B47/E1	
1SY8KH00	0TSI	13-062	115	I	DLI18K	B37/E0	
1SY8KH00	1DLI	13-098	304	IO	0SY8KH00	B44/E0	
1SY8KH10	1DLI	13-098	305	IO	0SY8KH10	B44/E0	
1SY8KH10	1TSI	13-122	115	I	DLI18K	B47/E1	
1T2MHCI	1TSI	13-122	251	O	CICK2M	B47/E1	
1T2MHCI	1CI0	13-154	044	I	2MHZ	B51/F0	
1T2MHCI	1CI1	13-162	044	I	2MHZ	B52/F0	
1T6MSSP	1TSI	13-122	023	O	SSPSYN	B47/E1	
1T6MSSP	TFD13130	13-130	023	IO	1T6MSSP	B48/G2	
1T8KA0DI	1TSI	13-122	245	O	DIA8K	B47/E1	
1T8KA0DI	1DI1	13-148	344	I	8KHZ	B50/F2	
1T8KB0DI	1TSI	13-122	233	O	DIB8K	B47/E1	
1T8KB0DI	1DI0	13-140	344	I	8KHZ	B49/E1	
1T8MA0DI	1TSI	13-122	121	O	DIACK	B47/E1	
1T8MA0DI	1DI1	13-148	312	I	8MHZ	B50/F2	
1T8MB0DI	1TSI	13-122	021	O	DIBCK	B47/E1	
1T8MB0DI	1DI0	13-140	312	I	8MHZ	B49/E1	
1T8MHSP	1TSI	13-122	123	O	SSPCK	B47/E1	
1T8MHSP	TFD13130	13-130	123	IO	1T8MHSP	B48/G2	
1TA0ADDA	1TSI	13-122	318	O	DIAA1	B47/E1	
1TA0ADDA	1DI1	13-148	338	I	PBADDA	B50/F2	
1TA0ADDB	1TSI	13-122	218	O	DIAA2	B47/E1	
1TA0ADDB	1DI1	13-148	238	I	PBADDB	B50/F2	
1TA0ADDC	1TSI	13-122	118	O	DIAA3	B47/E1	
1TA0ADDC	1DI1	13-148	138	I	PBADDC	B50/F2	
1TA0ADDD	1TSI	13-122	018	O	DIAA4	B47/E1	
1TA0ADDD	1DI1	13-148	038	I	PBADDD	B50/F2	
1TA0DIS0	1TSI	13-122	150	O	DIASL	B47/E1	
1TA0DIS0	1DI1	13-148	051	I	DISEL0	B50/F2	
1TAF0R0	TFD04082	04-082	216	IO	1TAF0R0	B12/F1	
1TAF0R0	TFD04082	04-082	237	IO	1TAF0R0	B12/F1	

95 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1TB0ADDA	1TSI	13-122	338	O	DIBA1	B47/E1	
1TB0ADDA	1DI0	13-140	338	I	PBADDA	B49/E1	
1TB0ADDB	1TSI	13-122	238	O	DIBA2	B47/E1	
1TB0ADDB	1DI0	13-140	238	I	PBADDB	B49/E1	
1TB0ADDC	1TSI	13-122	138	O	DIBA3	B47/E1	
1TB0ADDC	1DI0	13-140	138	I	PBADDC	B49/E1	
1TB0ADDD	1TSI	13-122	038	O	DIBA4	B47/E1	
1TB0ADDD	1DI0	13-140	038	I	PBADDD	B49/E1	
1TB0DIS0	1TSI	13-122	050	O	DIBSL	B47/E1	
1TB0DIS0	1DI0	13-140	051	I	DISEL0	B49/E1	
1THEN1	TFD04082	04-082	303	IO	1THEN1	B12/F1	
1THEN1	1MPC	04-108	007	O	THEN1	B19/F1	
1THEN1	1MPS	04-114	305	I	THEN1	B20/F2	
1THEN1	1MPCON	04-120	340	I	THEN1	B21/F2	
1THEN1	1MR0MRAM	04-126	221	I	THEN1	B22/F2	
1TIMCLK	1MPC	04-108	123	O	TIMCLK	B19/F1	
1TIMCLK	1MPS	04-114	203	I	TIMCLK	B20/F2	
1TIMCLK	1MPCON	04-120	343	I	TIMCLK	B21/F2	
1TIMCLK	1MR0MRAM	04-126	343	I	TIMCLK	B22/F2	
1TIMCLK	1MPDMC	04-132	123	I	TIMCLK	B24/G0	
1TM1ST0	0MPS	04-070	156	I	FM1ST0	B10/F2	
1TM1ST0	TFD04106	04-106	054	IO	1TM1ST0	B18/D3	
1TM1ST0	TFD04107	04-107	054	IO	1TM1ST0	B18/G3	
1TM1ST0	1MPS	04-114	055	O	TM1ST0	B20/F2	
1TM2ST0	0MPS	04-070	353	I	FM2ST0	B10/F2	
1TM2ST0	TFD04106	04-106	056	IO	1TM2ST0	B18/D3	
1TM2ST0	TFD04107	04-107	056	IO	1TM2ST0	B18/G3	
1TM2ST0	1MPS	04-114	256	O	TM2ST0	B20/F2	
1TMAFF0	0MR0MRAM	04-058	322	I	FMAFF0	B8/F1	
1TMAFF0	0MPCOM	04-064	105	I	FMAFF0	B9/F2	
1TMAFF0	1MPCON	04-120	006	O	TMAFF0	B21/F2	
1TMCERR0	0MPCOM	04-064	040	I	FMCERR0	B9/F2	
1TMCERR0	TFD04106	04-106	053	IO	1TMCERR0	B18/D3	
1TMCERR0	TFD04107	04-107	053	IO	1TMCERR0	B18/G3	
1TMCERR0	1MPS	04-114	052	O	TMCERR0	B20/F2	
1TMDRQ0	0MPS	04-070	155	I	FMDRQ0	B10/F2	
1TMDRQ0	TFD04106	04-106	004	IO	1TMDRQ0	B18/D3	
1TMDRQ0	TFD04107	04-107	004	IO	1TMDRQ0	B18/G3	
1TMDRQ0	1MPC	04-108	102	O	TMDRQ0	B19/F1	
1TMFA0	0MR0MRAM	04-058	204	IO	CPIWIRE	B8/F1	
1TMFA0	1MR0MRAM	04-126	203	IO	TMFA0	B22/F2	
1TMOFF1	0MPCOM	04-064	205	I	FMOFF1	B9/F2	
1TMOFF1	1MPCON	04-120	321	O	TMOFF1	B21/F2	
1TMPERR0	0MPCOM	04-064	307	I	FMPERR0	B9/F2	
1TMPERR0	1MPCON	04-120	302	O	TMPERR0	B21/F2	
1TMRST0	0MPS	04-070	250	I	FMRST0	B10/F2	
1TMRST0	TFD04106	04-106	007	IO	1TMDRQ0	B18/D3	
1TMRST0	TFD04107	04-107	007	IO	1TMDRQ0	B18/G3	
1TMRST0	1MPC	04-108	006	O	TMRST0	B19/F1	
1TMTHEN0	0MR0MRAM	04-058	121	I	FMTHEN0	B8/F1	
1TMTHEN0	0MPCOM	04-064	121	I	FMTHEN0	B9/F2	
1TMTHEN0	0MPS	04-070	255	I	FMTHEN0	B10/F2	
1TMTHEN0	TFD04090	04-090	205	IO	1TMTHEN0	B14/G2	
1TMTHEN0	BTSR	04-100	205	I	1TMTHEN0	B16/F3	
1TMTHEN0	TFD04106	04-106	003	IO	1TMTHEN0	B18/D3	
1TMTHEN0	TFD04107	04-107	003	IO	1TMTHEN0	B18/G3	
1TMTHEN0	1MPC	04-108	002	O	TMTHEN0	B19/F1	
1TN281	1MPDMC	04-132	007	O	TN281	B24/G0	
1TN281	1MEM1	04-138	321	IO	A2MSEL00	B24/F6	
1TN281	TFD04143	04-143	020	IO	1TN281	B25/E2	*
1TN281	1MEM2	04-144	321	IO	A2MSEL00	B26/F0	
1TN281	1MEM3	04-150	321	IO	A2MSEL00	B27/F0	
1TN281	1MEM4	04-156	321	IO	A2MSEL00	B27/F3	
1TN281	1MEM5	04-162	321	IO	A2MSEL00	B27/F5	
1TP3B	1MPCON	04-120	243	IO	TP3	B21/F2	
1TP4B	1MPCON	04-120	245	IO	TP4	B21/F2	
1TPA0DIA	1TSI	13-122	006	O	DIA0N3	B47/E1	
1TPA0DIA	1DI1	13-148	306	I	NIBOTA	B50/F2	
1TPB0DIA	1TSI	13-122	016	O	DIBON3	B47/E1	
1TPB0DIA	1DI0	13-140	306	I	NIBOTA	B49/E1	
1TSHOLD0	TFD04090	04-090	206	IO	1TSHOLD0	B14/G2	
1TSHOLD0	1MPS	04-114	254	I	TSHOLD0	B20/F2	
1TSIA0P	0DLI	13-084	117	IO	1TSIA0P	B41/E0	

96		LEAD INDEX (CONTINUED)					
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
1TSIA0P	1TSI	13-122	013	O	DLI0AN30	B47/E1	
1TSIA0X	0DLI	13-084	120	IO	1TSIA0X	B41/E0	
1TSIA0X	1TSI	13-122	313	O	DLI0AN00	B47/E1	
1TSIA0Y	0DLI	13-084	119	IO	1TSIA0Y	B41/E0	
1TSIA0Y	1TSI	13-122	213	O	DLI0AN10	B47/E1	
1TSIA0Z	0DLI	13-084	118	IO	1TSIA0Z	B41/E0	
1TSIA0Z	1TSI	13-122	113	O	DLI0AN20	B47/E1	
1TSIA1P	1DLI	13-098	117	IO	1TSIA0P	B44/E0	
1TSIA1P	1TSI	13-122	005	O	DLI1AN30	B47/E1	
1TSIA1X	1DLI	13-098	120	IO	1TSIA0X	B44/E0	
1TSIA1X	1TSI	13-122	305	O	DLI1AN00	B47/E1	
1TSIA1Y	1DLI	13-098	119	IO	1TSIA0Y	B44/E0	
1TSIA1Y	1TSI	13-122	205	O	DLI1AN10	B47/E1	
1TSIA1Z	1DLI	13-098	118	IO	1TSIA0Z	B44/E0	
1TSIA1Z	1TSI	13-122	105	O	DLI1AN20	B47/E1	
1TSIB0P	0DLI	13-084	113	IO	1TSIB0P	B41/E0	
1TSIB0P	1TSI	13-122	010	O	DLI0BN30	B47/E1	
1TSIB0X	0DLI	13-084	116	IO	1TSIB0X	B41/E0	
1TSIB0X	1TSI	13-122	310	O	DLI0BN00	B47/E1	
1TSIB0Y	0DLI	13-084	115	IO	1TSIB0Y	B41/E0	
1TSIB0Y	1TSI	13-122	210	O	DLI0BN10	B47/E1	
1TSIB0Z	0DLI	13-084	114	IO	1TSIB0Z	B41/E0	
1TSIB0Z	1TSI	13-122	110	O	DLI0BN20	B47/E1	
1TSIB1P	1DLI	13-098	113	IO	1TSIB0P	B44/E0	
1TSIB1P	1TSI	13-122	003	O	DLI1BN30	B47/E1	
1TSIB1X	1DLI	13-098	116	IO	1TSIB0X	B44/E0	
1TSIB1X	1TSI	13-122	303	O	DLI1BN00	B47/E1	
1TSIB1Y	1DLI	13-098	115	IO	1TSIB0Y	B44/E0	
1TSIB1Y	1TSI	13-122	203	O	DLI1BN10	B47/E1	
1TSIB1Z	1DLI	13-098	114	IO	1TSIB0Z	B44/E0	
1TSIB1Z	1TSI	13-122	103	O	DLI1BN20	B47/E1	
1TSINH0	TFD04090	04-090	303	IO	1TSINH0	B14/G2	
1TSINH0	BTSR	04-100	303	O	1TSINH0	B16/F3	
1TSINH0	1MPC	04-108	307	I	TSINH0	B19/F1	
1TSPNN0	1TSI	13-122	250	O	SSNON0	B47/E1	
1TSPNN0	TFD13130	13-130	250	IO	1TSPNN0	B48/G2	
1TSPNN1	1TSI	13-122	249	O	SSNON1	B47/E1	
1TSPNN1	TFD13130	13-130	249	IO	1TSPNN1	B48/G2	
1TSPNN2	1TSI	13-122	248	O	SSNON2	B47/E1	
1TSPNN2	TFD13130	13-130	248	IO	1TSPNN2	B48/G2	
1TSPNN3	1TSI	13-122	247	O	SSNON3	B47/E1	
1TSPNN3	TFD13130	13-130	247	IO	1TSPNN3	B48/G2	
1TSPPN0	1TSI	13-122	255	O	SSPON0	B47/E1	
1TSPPN0	TFD13130	13-130	255	IO	1TSPPN0	B48/G2	
1TSPPN1	1TSI	13-122	254	O	SSPON1	B47/E1	
1TSPPN1	TFD13130	13-130	254	IO	1TSPPN1	B48/G2	
1TSPPN2	1TSI	13-122	253	O	SSPON2	B47/E1	
1TSPPN2	TFD13130	13-130	253	IO	1TSPPN2	B48/G2	
1TSPPN3	1TSI	13-122	252	O	SSPON3	B47/E1	
1TSPPN3	TFD13130	13-130	251	IO	1TSPPN3	B48/G2	
1TSREL0	0MPS	04-070	154	I	TSEN0	B10/F2	

A

B

C

D

E

F

G

H

97 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
1TSREL0	0MPC	04-076	349	I TSEN0	B11/F3		
1TSREL0	TFD04090	04-090	306	IO 1TSREL0	B14/G2		
1TSREL0	BTSR	04-100	306	O 1TSREL0	B16/F3		
1TSREL0	TFD04106	04-106	055	IO 1TSREL0	B18/D3		
1TSREL0	TFD04107	04-107	055	IO 1TSREL0	B18/G3		
1TSREL0	1MPS	04-114	355	I TSREL0	B20/F2		
1TXA0DID	1TSI	13-122	306	O DIAON0	B47/E1		
1TXA0DID	1DI1	13-148	006	I NIBOTD	B50/F2		
1TXB0DID	1TSI	13-122	316	O DIBON0	B47/E1		
1TXB0DID	1DI0	13-140	006	I NIBOTD	B49/E1		
1TYA0DIC	1TSI	13-122	206	O DIAON1	B47/E1		
1TYA0DIC	1DI1	13-148	106	I NIBOTC	B50/F2		
1TYB0DIC	1TSI	13-122	216	O DIBON1	B47/E1		
1TYB0DIC	1DI0	13-140	106	I NIBOTC	B49/E1		
1TZA0DIB	1TSI	13-122	106	O DIAON2	B47/E1		
1TZA0DIB	1DI1	13-148	206	I NIBOTB	B50/F2		
1TZB0DIB	1TSI	13-122	116	O DIBON2	B47/E1		
1TZB0DIB	1DI0	13-140	206	I NIBOTB	B49/E1		
1UABEN0	1MPC	04-108	347	I UABEN0	B19/F1		
1UABEN0	1MPS	04-114	008	O UABEN0	B20/F2		
1UDWP0	1MPC	04-108	056	O UDWP0	B19/F1		
1UDWP0	1MROMRAM	04-126	011	I UDWP0	B22/F2		
1UPACT0L	1MPCON	04-120	053	O DL0ACT0	B21/F2		
1UPACT0L	0DLI	13-084	144	IO 1UPACT0L	B41/E0		
1UPACT1L	1MPCON	04-120	154	O DL1ACT0	B21/F2		
1UPACT1L	1DLI	13-098	144	IO 1UPACT0L	B44/E0		
1UPCK0L	1MPCON	04-120	244	O DLI0CK	B21/F2		
1UPCK0L	0DLI	13-084	143	IO 1UPCK0L	B41/E0		
1UPCK1L	1MPCON	04-120	246	O DLI1CK	B21/F2		
1UPCK1L	1DLI	13-098	143	IO 1UPCK0L	B44/E0		
1UPDATE0	1MPC	04-108	154	I UPDATE0	B19/F1		
1UPDATE0	1MPS	04-114	108	O UPDATE0	B20/F2		
1UPG00L	1MPCON	04-120	141	O DLI0G00	B21/F2		
1UPG00L	0DLI	13-084	145	IO 1UPG00L	B41/E0		
1UPG01L	1MPCON	04-120	242	O DLI1G00	B21/F2		
1UPG01L	1DLI	13-098	145	IO 1UPG00L	B44/E0		
1UPTMD0A	1MPCON	04-120	052	O OADLITN	B21/F2		
1UPTMD0A	0DLI	13-084	154	IO 1UPTMD0A	B41/E0		
1UPTMD0B	1MPCON	04-120	048	O 0BDLITN	B21/F2		
1UPTMD0B	0DLI	13-084	134	IO 1UPTMD0B	B41/E0		
1UPTMD1A	1MPCON	04-120	050	O 1ADLITN	B21/F2		
1UPTMD1A	1DLI	13-098	154	IO 1UPTMD0A	B44/E0		
1UPTMD1B	1MPCON	04-120	046	O 1BDLITN	B21/F2		
1UPTMD1B	1DLI	13-098	134	IO 1UPTMD0B	B44/E0		
1UPTMP0A	1MPCON	04-120	118	O 0APARO	B21/F2		
1UPTMP0A	0DLI	13-084	153	IO 1UPTMP0A	B41/E0		
1UPTMP0B	1MPCON	04-120	116	O 0BPARO	B21/F2		
1UPTMP0B	0DLI	13-084	133	IO 1UPTMP0B	B41/E0		
1UPTMP1A	1MPCON	04-120	221	O 1APAPO	B21/F2		
1UPTMP1A	1DLI	13-098	153	IO 1UPTMP0A	B44/E0		
1UPTMP1B	1MPCON	04-120	015	O 1BPARO	B21/F2		
1UPTMP1B	1DLI	13-098	133	IO 1UPTMP0B	B44/E0		
1UPTRD0L	1MPCON	04-120	143	O DLI0OUT	B21/F2		
1UPTRD0L	0DLI	13-084	146	IO 1UPTRD0L	B41/E0		
1UPTRD1L	1MPCON	04-120	145	O DLI1OUT	B21/F2		
1UPTRD1L	1DLI	13-098	146	IO 1UPTRD0L	B44/E0		
1UTWP0	1MPC	04-108	156	O UTWP0	B19/F1		
1UTWP0	1MROMRAM	04-126	208	I UTWP0	B22/F2		
1VALOP0	TFD04082	04-082	104	IO 1VALOP0	B12/F1		
1VALOP0	1MPC	04-108	202	O VALOP0	B19/F1		
1VALOP0	1MPS	04-114	207	IO VALOP0	B20/F2		
1VALOP0	1MPCON	04-120	155	O VALOP0	B21/F2		
1VALOP0	1MROMRAM	04-126	155	O VALOP0	B22/F2		
1VALOP0	1MPDMC	04-132	006	O VALOP0	B24/G0		
1WB00	1MPDMC	04-132	324	O WB00	B24/G0		
1WB00	1MEM1	04-138	035	I WRT010	B24/F6		
1WB00	TFD04143	04-143	039	IO 1WB00	B25/E2	*	

98 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI EQL	TRMNO	FN TRMMOD	SYMLOC	XT	
1WB00	1MEM2	04-144	035	I WRT010	B26/F0		
1WB00	1MEM3	04-150	035	I WRT010	B27/F0		
1WB00	1MEM4	04-156	035	I WRT010	B27/F3		
1WB00	1MEM5	04-162	035	I WRT010	B27/F5		
1WDPERR0	1MPS	04-114	049	I WDPERR0	B20/F2		
1WDPERR0	1MROMRAM	04-126	141	O WDPERR0	B22/F2		
1WH0	1MPDMC	04-132	023	O WH0	B24/G0		
1WH0	1MEM1	04-138	021	I WRTHI0	B24/F6		
1WH0	TFD04143	04-143	019	IO 1WH0	B25/E2	*	
1WH0	1MEM2	04-144	021	I WRTHI0	B26/F0		
1WH0	1MEM3	04-150	021	I WRTHI0	B27/F0		
1WH0	1MEM4	04-156	021	I WRTHI0	B27/F3		
1WH0	1MEM5	04-162	021	I WRTHI0	B27/F5		
1WPERR0	1MPS	04-114	148	I WPERR0	B20/F2		
1WPERR0	1MROMRAM	04-126	142	O WPERR0	B22/F2		
1WPINH0	TFD04082	04-082	041	IO 1WPINH0	B12/F1		
1WPINH0	1MROMRAM	04-126	143	I TP5	B22/F2		
1WPINH0	1MROMRAM	04-126	223	IO TP1	B22/F2		
1WREN0	1MROMRAM	04-126	003	O WREN0	B22/F2		
1WREN0	1MPDMC	04-132	003	I WREN0	B24/G0		
1WTERR0	1MPC	04-108	254	O WTERR0	B19/F1		
1WTERR0	1MPS	04-114	149	I WTERR0	B20/F2		
1XPRST0	1MPC	04-108	302	O XPRST0	B19/F1		
1XPRST0	1MPS	04-114	105	I XPRST0	B20/F2		
BOE0	TFD04082	04-082	247	IO BOE0	B12/F1		
BOE0	TFD04082	04-082	347	IO BOE0	B12/F1		
EXTRA1	TFD04082	04-082	151	IO EXTRA1	B12/F1		
EXTRA1	TFD04090	04-090	333	IO EXTRA1	B14/G2		
EXTRA2	TFD04082	04-082	052	IO EXTRA2	B12/F1		
EXTRA2	TFD04090	04-090	233	IO EXTRA2	B14/G2		
EXTRA3	TFD04082	04-082	152	IO EXTRA3	B12/F1		
EXTRA3	TFD04090	04-090	133	IO EXTRA3	B14/G2		
GRD	04-038		000	G	B3/B1	*	
GRD	04-038		001	G	B3/B1	*	
GRD	04-038		002	G	B3/B1	*	
GRD	04-038		003	G	B3/B1	*	
GRD	04-038		004	G	B3/C1	*	
GRD	04-038		005	G	B3/C1	*	
GRD	04-038		006	G	B3/C1	*	
GRD	04-038		007	G	B3/C1	*	
GRD	04-038		008	G	B3/C1	*	
GRD	04-038		009	G	B3/C1	*	
GRD	04-038		010	G	B3/C1	*	
GRD	04-038		011	G	B3/C1	*	
GRD	04-038		012	G	B3/C1	*	
GRD	04-038		013	G	B3/C1	*	
GRD	04-038		014	G	B3/C1	*	
GRD	04-038		015	G	B3/D1	*	
GRD	04-038		016	G	B3/D1	*	
GRD	04-038		017	G	B3/D1	*	
GRD	04-038		018	G	B3/D1	*	
GRD	04-038		019	G	B3/D1	*	
GRD	04-038		020	G	B3/D1	*	
GRD	04-038		021	G	B3/D1	*	
GRD	04-038		022	G	B3/D1	*	
GRD	04-038		023	G	B3/D1	*	
GRD	04-038		024	G	B3/D1	*	
GRD	04-038		025	G	B3/E1	*	
GRD	04-038		033	G	B3/E1	*	
GRD	04-038		034	G	B3/E1	*	
GRD	04-038		035	G	B3/E1	*	
GRD	04-038		036	G	B3/E1	*	
GRD	04-038		037	G	B3/E1	*	
GRD	04-038		038	G	B3/E1	*	
GRD	04-038		039	G	B3/E1	*	
GRD	04-038		040	G	B3/E1	*	
GRD	04-038		041	G	B3/E1	*	
GRD	04-038		042	G	B3/E1	*	
GRD	04-038		043	G	B3/F1	*	
GRD	04-038		044	G	B3/F1	*	
GRD	04-038		045	G	B3/F1	*	
GRD	04-038		046	G	B3/F1	*	
GRD	04-038		047	G	B3/F1	*	
GRD	04-038		048	G	B3/F1	*	
GRD	04-038		049	G	B3/F1	*	
GRD	04-038		050	G	B3/F1	*	
GRD	04-038		051	G	B3/F1	*	
GRD	04-038		052	G	B3/F1	*	
GRD	04-038		053	G	B3/F1	*	
GRD	04-038		054	G	B3/G1	*	
GRD	04-038		055	G	B3/G1	*	
GRD	04-038		056	G	B3/G1	*	
GRD	01-022	01-022	0B0	G	B14/C5	*	
GRD	E3	01-022-0B0	1	G GRD1	B14/B5		

99		LEAD INDEX (CONTINUED)					
LDESIG	FDESIG	ELI EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
GRD	E3	01-022-0B0	2	G	GRD2	B14/B5	
GRD	E3	01-022-0B0	3	G	GRD3	B14/B5	
GRD	E3	01-022-0B0	4	G	GRD4	B14/B5	
GRD	01-040	01-040	1B0	G		B14/C6	*
GRD	E4	01-040-1B0	1	G	GRD1	B14/B6	
GRD	E4	01-040-1B0	2	G	GRD2	B14/B6	
GRD	E4	01-040-1B0	3	G	GRD3	B14/B6	
GRD	E4	01-040-1B0	4	G	GRD4	B14/B6	
GRD	01-058	01-058	0B0	G		B14/C6	*
GRD	E5	01-058-0B0	1	G	GRD1	B14/B6	
GRD	E5	01-058-0B0	2	G	GRD2	B14/B6	
GRD	E5	01-058-0B0	3	G	GRD3	B14/B6	
GRD	E5	01-058-0B0	4	G	GRD4	B14/B6	
GRD	01-076	01-076	0B0	G		B14/C7	*
GRD	E6	01-076-0B0	1	G	GRD1	B14/B7	
GRD	E6	01-076-0B0	2	G	GRD2	B14/B7	
GRD	E6	01-076-0B0	3	G	GRD3	B14/B7	
GRD	E6	01-076-0B0	4	G	GRD4	B14/B7	
GRD	01-108	01-108	0B0	G		B29/C3	*
GRD	E13	01-108-0B0	1	G	GRD1	B29/B3	
GRD	E13	01-108-0B0	2	G	GRD2	B29/B3	
GRD	E13	01-108-0B0	3	G	GRD3	B29/B3	
GRD	E13	01-108-0B0	4	G	GRD4	B29/B3	
GRD	01-120	01-120	2B0	G		B29/C8	*
GRD	E30	01-120-2B0	1	G	GRD1	B29/B8	
GRD	E30	01-120-2B0	2	G	GRD2	B29/B8	
GRD	E30	01-120-2B0	3	G	GRD3	B29/B8	
GRD	E30	01-120-2B0	4	G	GRD4	B29/B8	
GRD	01-144	01-144	1B0	G		B29/C3	*
GRD	E14	01-144-1B0	1	G	GRD1	B29/B3	
GRD	E14	01-144-1B0	2	G	GRD2	B29/B3	
GRD	E14	01-144-1B0	3	G	GRD3	B29/B3	
GRD	E14	01-144-1B0	4	G	GRD4	B29/B3	
GRD	01-162	01-162	1B0	G		B29/C4	*
GRD	E15	01-162-1B0	1	G	GRD1	B29/B4	
GRD	E15	01-162-1B0	2	G	GRD2	B29/B4	
GRD	E15	01-162-1B0	3	G	GRD3	B29/B4	
GRD	E15	01-162-1B0	4	G	GRD4	B29/B4	
GRD	0CONT	04-016	000	G	GRD	B1/F3	
GRD	0CONT	04-016	001	G	GRD	B1/F3	
GRD	0CONT	04-016	002	G	GRD	B1/F3	*
GRD	0CONT	04-016	003	G	GRD	B1/F3	*
GRD	0CONT	04-016	004	G	GRD	B1/F3	*
GRD	0CONT	04-016	005	G	GRD	B1/F3	*
GRD	0CONT	04-016	006	G	GRD	B1/F3	*
GRD	0CONT	04-016	007	G	GRD	B1/F3	*
GRD	0CONT	04-016	008	G	GRD	B1/F3	*
GRD	0CONT	04-016	009	G	GRD	B1/F3	*
GRD	0CONT	04-016	010	G	GRD	B1/F3	*
GRD	0CONT	04-016	011	G	GRD	B1/F3	*
GRD	0CONT	04-016	012	G	GRD	B1/F3	*
GRD	0CONT	04-016	013	G	GRD	B1/F3	*
GRD	0CONT	04-016	014	G	GRD	B1/F3	*
GRD	0CONT	04-016	015	G	GRD	B1/F3	*
GRD	0CONT	04-016	016	G	GRD	B1/F3	*
GRD	0CONT	04-016	017	G	GRD	B1/F3	*
GRD	0CONT	04-016	018	G	GRD	B1/F3	*
GRD	0CONT	04-016	019	G	GRD	B1/F3	*
GRD	0CONT	04-016	020	G	GRD	B1/F3	*
GRD	0CONT	04-016	021	G	GRD	B1/F3	*
GRD	0CONT	04-016	022	G	GRD	B1/F3	*
GRD	0CONT	04-016	023	G	GRD	B1/F3	*
GRD	0CONT	04-016	024	G	GRD	B1/F3	*
GRD	0CONT	04-016	025	G	GRD	B1/F3	*
GRD	0CONT	04-016	026	G	GRD	B1/F3	*
GRD	0CONT	04-016	027	G	GRD	B1/F3	*

	0	1	2	3	4	5	6	7	8	9		
A												A
	100 LEAD INDEX (CONTINUED)											
	LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT			
	GRD	0CONT	04-016	238	G	GRD	B1/F3					
	GRD	0CONT	04-016	239	G	GRD	B1/F3					
	GRD	0CONT	04-016	240	G	GRD	B1/F3					
	GRD	0CONT	04-016	241	G	GRD	B1/F3					
	GRD	0CONT	04-016	242	G	GRD	B1/F3					
	GRD	0CONT	04-016	243	G	GRD	B1/F3					
	GRD	0CONT	04-016	300	G	GRD	B1/F3					
	GRD	0CONT	04-016	301	G	GRD	B1/F3					
	GRD	0CONT	04-016	332	G	GRD	B1/F3					
	GRD	0CONT	04-016	333	G	GRD	B1/F3					
	GRD	0CONT	04-016	334	G	GRD	B1/F3					
	GRD	0CONT	04-016	335	G	GRD	B1/F3					
	GRD	0CONT	04-016	336	G	GRD	B1/F3					
	GRD	0CONT	04-016	337	G	GRD	B1/F3					
	GRD	0CONT	04-016	338	G	GRD	B1/F3					
	GRD	0CONT	04-016	339	G	GRD	B1/F3					
	GRD	0CONT	04-016	340	G	GRD	B1/F3					
	GRD	0CONT	04-016	341	G	GRD	B1/F3					
	GRD	0CONT	04-016	342	G	GRD	B1/F3					
	GRD	0CONT	04-016	343	G	GRD	B1/F3					
	GRD	0MEM5	04-022	004	G	GRD	B2/F0					
	GRD	0MEM5	04-022	007	G	GRD	B2/F0					
	GRD	0MEM5	04-022	010	G	GRD	B2/F0					
	GRD	0MEM5	04-022	013	G	GRD	B2/F0					
	GRD	0MEM5	04-022	016	G	GRD	B2/F0					
	GRD	0MEM5	04-022	018	G	GRD	B2/F0					
	GRD	0MEM5	04-022	020	G	GRD	B2/F0					
	GRD	0MEM5	04-022	022	G	GRD	B2/F0					
	GRD	0MEM5	04-022	023	G	GRD	B2/F0					
	GRD	0MEM5	04-022	034	G	GRD	B2/F0					
	GRD	0MEM5	04-022	036	G	GRD	B2/F0					
	GRD	0MEM5	04-022	038	G	GRD	B2/F0					
	GRD	0MEM5	04-022	041	G	GRD	B2/F0					
	GRD	0MEM5	04-022	044	G	GRD	B2/F0					
	GRD	0MEM5	04-022	047	G	GRD	B2/F0					
	GRD	0MEM5	04-022	050	G	GRD	B2/F0					
	GRD	0MEM5	04-022	053	G	GRD	B2/F0					
	GRD	0MEM5	04-022	056	G	GRD	B2/F0					
	GRD	0MEM5	04-022	103	G	GRD	B2/F0					
	GRD	0MEM5	04-022	105	G	GRD	B2/F0					
	GRD	0MEM5	04-022	107	G	GRD	B2/F0					
	GRD	0MEM5	04-022	109	G	GRD	B2/F0					
	GRD	0MEM5	04-022	111	G	GRD	B2/F0					
	GRD	0MEM5	04-022	113	G	GRD	B2/F0					
	GRD	0MEM5	04-022	115	G	GRD	B2/F0					
	GRD	0MEM5	04-022	117	G	GRD	B2/F0					
	GRD	0MEM5	04-022	119	G	GRD	B2/F0					
	GRD	0MEM5	04-022	121	G	GRD	B2/F0					
	GRD	0MEM5	04-022	123	G	GRD	B2/F0					
	GRD	0MEM5	04-022	133	G	GRD	B2/F0					
	GRD	0MEM5	04-022	135	G	GRD	B2/F0					
	GRD	0MEM5	04-022	137	G	GRD	B2/F0					
	GRD	0MEM5	04-022	139	G	GRD	B2/F0					
	GRD	0MEM5	04-022	141	G	GRD	B2/F0					
	GRD	0MEM5	04-022	143	G	GRD	B2/F0					
	GRD	0MEM5	04-022	145	G	GRD	B2/F0					
	GRD	0MEM5	04-022	147	G	GRD	B2/F0					
	GRD	0MEM5	04-022	149	G	GRD	B2/F0					
	GRD	0MEM5	04-022	151	G	GRD	B2/F0					
	GRD	0MEM5	04-022	153	G	GRD	B2/F0					
	GRD	0MEM5	04-022	155	G	GRD	B2/F0					
	GRD	0MEM5	04-022	200	G	GRD	B2/F0					
	GRD	0MEM5	04-022	202	G	GRD	B2/F0					
	GRD	0MEM5	04-022	204	G	GRD	B2/F0					
	GRD	0MEM5	04-022	206	G	GRD	B2/F0					
	GRD	0MEM5	04-022	208	G	GRD	B2/F0					
	GRD	0MEM5	04-022	210	G	GRD	B2/F0					
	GRD	0MEM5	04-022	212	G	GRD	B2/F0					
	GRD	0MEM5	04-022	214	G	GRD	B2/F0					
	GRD	0MEM5	04-022	216	G	GRD	B2/F0					
	GRD	0MEM5	04-022	218	G	GRD	B2/F0					
	GRD	0MEM5	04-022	220	G	GRD	B2/F0					
	GRD	0MEM5	04-022	221	G	GRD	B2/F0					
	GRD	0MEM5	04-022	222	G	GRD	B2/F0					
	GRD	0MEM5	04-022	232	G	GRD	B2/F0					
	GRD	0MEM5	04-022	234	G	GRD	B2/F0					
	GRD	0MEM5	04-022	236	G	GRD	B2/F0					
	GRD	0MEM5	04-022	238	G	GRD	B2/F0					
	GRD	0MEM5	04-022	240	G	GRD	B2/F0					
	GRD	0MEM5	04-022	242	G	GRD	B2/F0					
	GRD	0MEM5	04-022	244	G	GRD	B2/F0					
	GRD	0MEM5	04-022	246	G	GRD	B2/F0					
	GRD	0MEM5	04-022	248	G	GRD	B2/F0					
	GRD	0MEM5	04-022	250	G	GRD	B2/F0					
	GRD	0MEM5	04-022	252	G	GRD	B2/F0					
	GRD	0MEM5	04-022	254	G	GRD	B2/F0					
	GRD	0MEM5	04-022	303	G	GRD	B2/F0					
	GRD	0MEM5	04-022	306	G	GRD	B2/F0					
	GRD	0MEM5	04-022	309	G	GRD	B2/F0					
	GRD	0MEM5	04-022	312	G	GRD	B2/F0					
	GRD	0MEM5	04-022	315	G	GRD	B2/F0					
	GRD	0MEM5	04-022	316	G	GRD	B2/F0					
	GRD	0MEM5	04-022	319	G	GRD	B2/F0					
	GRD	0MEM5	04-022	322	G	GRD	B2/F0					
	GRD	0MEM5	04-022	323	G	GRD	B2/F0					
B												B
	101 LEAD INDEX (CONTINUED)											
	LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT			
	GRD	0MEM5	04-022	324	G	GRD	B2/F0					
	GRD	0MEM5	04-022	334	G	GRD	B2/F0					
	GRD	0MEM5	04-022	337	G	GRD	B2/F0					
	GRD	0MEM5	04-022	340	G	GRD	B2/F0					
	GRD	0MEM5	04-022	343	G	GRD	B2/F0					
	GRD	0MEM5	04-022	346	G	GRD	B2/F0					
	GRD	0MEM5	04-022	349	G	GRD	B2/F0					
	GRD	0MEM5	04-022	352	G	GRD	B2/F0					
	GRD	0MEM5	04-022	356	G	GRD	B2/F0					
	GRD	0MEM4	04-028	004	G	GRD	B2/F3					
	GRD	0MEM4	04-028	007	G	GRD	B2/F3					
	GRD	0MEM4	04-028	010	G	GRD	B2/F3					
	GRD	0MEM4	04-028	013	G	GRD	B2/F3					
	GRD	0MEM4	04-028	016	G	GRD	B2/F3					
	GRD	0MEM4	04-028	018	G	GRD	B2/F3					
	GRD	0MEM4	04-028	020	G	GRD	B2/F3					
	GRD	0MEM4	04-028	022	G	GRD	B2/F3					
	GRD	0MEM4	04-028	023	G	GRD	B2/F3					
	GRD	0MEM4	04-028	034	G	GRD	B2/F3					
	GRD	0MEM4	04-028	036	G	GRD	B2/F3					
	GRD	0MEM4	04-028	038	G	GRD	B2/F3					
	GRD	0MEM4	04-028	041	G	GRD	B2/F3					
	GRD	0MEM4	04-028	044	G	GRD	B2/F3					
	GRD	0MEM4	04-028	047	G	GRD	B2/F3					
	GRD	0MEM4	04-028	053	G	GRD	B2/F3					
	GRD	0MEM4	04-028	056	G	GRD	B2/F3					
	GRD	0MEM4	04-028	103	G	GRD	B2/F3					
	GRD	0MEM4	04-028	105	G	GRD	B2/F3					
	GRD	0MEM4	04-028	107	G	GRD	B2/F3					
	GRD	0MEM4	04-028	109	G	GRD	B2/F3					
	GRD	0MEM4	04-028	111	G	GRD	B2/F3					
	GRD	0MEM4	04-028	113	G	GRD	B2/F3					
	GRD	0MEM4	04-028	115	G	GRD	B2/F3					
	GRD	0MEM4	04-028	117	G	GRD	B2/F3					
	GRD	0MEM4	04-028	119	G	GRD	B2/F3					
	GRD	0MEM4	04-028	121	G	GRD	B2/F3					
	GRD	0MEM4	04-028	123	G	GRD	B2/F3					
	GRD	0MEM4	04-028	133	G	GRD	B2/F3					
	GRD	0MEM4	04-028	135	G	GRD	B2/F3					
	GRD	0MEM4	04-028	137	G	GRD	B2/F3					
	GRD	0MEM4	04-028	139	G	GRD	B2/F3					
	GRD	0MEM4	04-028	141	G	GRD	B2/F3					
	GRD	0MEM4	04-028	143	G	GRD	B2/F3					
	GRD	0MEM4	04-028	145	G	GRD	B2/F3					
	GRD	0MEM4	04-028	147	G	GRD	B2/F3					
	GRD	0MEM4	04-028	149	G	GRD	B2/F3					
	GRD	0MEM4	04-028	151	G	GRD	B2/F3					
	GRD	0MEM4	04-028	153	G	GRD	B2/F3					
	GRD	0MEM4	04-028	155	G	GRD	B2/F3					
	GRD	0MEM4	04-028	200	G	GRD	B2/F3					
	GRD	0MEM4	04-028	202	G	GRD	B2/F3					
	GRD	0MEM4	04-028	204	G	GRD	B2/F3					
	GRD	0MEM4	04-028	206	G	GRD	B2/F3					
	GRD	0MEM4	04-028	208	G	GRD	B2/F3					
	GRD	0MEM4	04-028	210	G	GRD	B2/F3					
	GRD	0MEM4	04-028	212	G	GRD	B2/F3					
	GRD	0MEM4	04-028	214	G	GRD	B2/F3					
	GRD	0MEM4	04-028	216	G	GRD	B2/F3					
	GRD	0MEM4	04-028	218	G	GRD	B2/F3					
	GRD	0MEM4	04-028	220	G	GRD	B2/F3					
	GRD	0MEM4	04-028	221	G	GRD	B2/F3					
	GRD	0MEM4	04-028	222	G	GRD	B2/F3					
	GRD	0MEM4	04-028	232	G	GRD	B2/F3					
	GRD	0MEM4	04-028	234	G	GRD	B2/F3					
	GRD	0MEM4	04-028	236	G	GRD	B2/F3					
	GRD	0MEM4	04-028	238	G	GRD	B2/F3					
	GRD	0MEM4	04-028	240	G	GRD	B2/F3					
	GRD	0MEM4	04-028	242	G	GRD						

A		LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT		LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT		LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT	
		GRD	1CONT	04	-178	042	G	GRD	B28/F3	*		GRD	10-058	10-058	0B0	0B0	G		B42/B2	*		GRD	0CI0	13-030	020	G	NINT4N	B33/F0	*		
		GRD	1CONT	04	-178	043	G	GRD	B28/F3			GRD	E24	10-058-0B0	1	1	G	GRD1	B42/B2			GRD	0CI0	13-030	033	G	NINT3N	B33/F0	*		
		GRD	1CONT	04	-178	100	G	GRD	B28/F3			GRD	E24	10-058-0B0	2	2	G	GRD2	B42/B2			GRD	0CI0	13-030	039	G	NINT2N	B33/F0	*		
		GRD	1CONT	04	-178	101	G	GRD	B28/F3			GRD	E24	10-058-0B0	3	3	G	GRD3	B42/B2			GRD	0CI0	13-030	046	G	NINT1N	B33/F0	*		
		GRD	1CONT	04	-178	119	G	GRD	B28/F3			GRD	E24	10-058-0B0	4	4	G	GRD4	B42/B2			GRD	0CI0	13-030	052	G	NINT0N	B33/F0	*		
		GRD	1CONT	04	-178	132	G	GRD	B28/F3	*		GRD	10-076	10-076	1B0	1B0	G		B42/B2	*		GRD	0CI0	13-030	200	G	GRD	B33/F0	*		
		GRD	1CONT	04	-178	133	G	GRD	B28/F3	*		GRD	E25	10-076-1B0	1	1	G	GRD1	B42/B2			GRD	0CI0	13-030	201	G	NINT15N	B33/F0	*		
		GRD	1CONT	04	-178	134	G	GRD	B28/F3	*		GRD	E25	10-076-1B0	2	2	G	GRD2	B42/B2			GRD	0CI0	13-030	207	G	NINT14N	B33/F0	*		
		GRD	1CONT	04	-178	135	G	GRD	B28/F3	*		GRD	E25	10-076-1B0	3	3	G	GRD3	B42/B2			GRD	0CI0	13-030	214	G	NINT13N	B33/F0	*		
B		GRD	1CONT	04	-178	136	G	GRD	B28/F3	*		GRD	E25	10-076-1B0	4	4	G	GRD4	B42/B2			GRD	0CI0	13-030	220	G	NINT12N	B33/F0	*		
		GRD	1CONT	04	-178	137	G	GRD	B28/F3	*		GRD	10-106	10-106	1B0	1B0	G		B54/C7	*		GRD	0CI0	13-030	233	G	NINT11N	B33/F0	*		
		GRD	1CONT	04	-178	138	G	GRD	B28/F3	*		GRD	E26	10-106-1B0	1	1	G	GRD1	B54/B7			GRD	0CI0	13-030	239	G	NINT10N	B33/F0	*		
		GRD	1CONT	04	-178	139	G	GRD	B28/F3	*		GRD	E26	10-106-1B0	2	2	G	GRD2	B54/B7			GRD	0CI0	13-030	246	G	NINT9N	B33/F0	*		
		GRD	1CONT	04	-178	140	G	GRD	B28/F3	*		GRD	E26	10-106-1B0	3	3	G	GRD3	B54/B7			GRD	0CI0	13-030	252	G	NINT8N	B33/F0	*		
		GRD	1CONT	04	-178	141	G	GRD	B28/F3	*		GRD	E26	10-106-1B0	4	4	G	GRD4	B54/B7			GRD	0CI0	13-030	300	G	GRD	B33/F0	*		
		GRD	1CONT	04	-178	142	G	GRD	B28/F3	*		GRD	10-122	10-122	0B0	0B0	G		B54/C7	*		GRD	0CI0	13-030	332	G	GRD	B33/F0	*		
		GRD	1CONT	04	-178	143	G	GRD	B28/F3	*		GRD	E27	10-122-0B0	1	1	G	GRD1	B54/B7			GRD	0CI0	13-030	407	G	NINT22N	B33/F0	*		
		GRD	1CONT	04	-178	200	G	GRD	B28/F3			GRD	E27	10-122-0B0	2	2	G	GRD2	B54/B7			GRD	0CI0	13-030	414	G	NINT21N	B33/F0	*		
		GRD	1CONT	04	-178	201	G	GRD	B28/F3			GRD	E27	10-122-0B0	3	3	G	GRD3	B54/B7			GRD	0CI0	13-030	420	G	NINT20N	B33/F0	*		
C		GRD	1CONT	04	-178	232	G	GRD	B28/F3			GRD	E27	10-122-0B0	4	4	G	GRD4	B54/B7			GRD	0CI0	13-030	433	G	NINT19N	B33/F0	*		
		GRD	1CONT	04	-178	233	G	GRD	B28/F3			GRD	10-145	10-145	0B0	0B0	G		B54/C8	*		GRD	0CI0	13-030	439	G	NINT18N	B33/F0	*		
		GRD	1CONT	04	-178	234	G	GRD	B28/F3			GRD	E28	10-145-0B0	1	1	G	GRD1	B54/B8			GRD	0CI0	13-030	446	G	NINT17N	B33/F0	*		
		GRD	1CONT	04	-178	235	G	GRD	B28/F3			GRD	E28	10-145-0B0	2	2	G	GRD2	B54/B8			GRD	0CI0	13-030	452	G	NINT16N	B33/F0	*		
		GRD	1CONT	04	-178	236	G	GRD	B28/F3			GRD	E28	10-145-0B0	3	3	G	GRD3	B54/B8			GRD	0DI1	13-040	005	G	GRD	B34/F3			
		GRD	1CONT	04	-178	237	G	GRD	B28/F3			GRD	E28	10-145-0B0	4	4	G	GRD4	B54/B8			GRD	0DI1	13-040	011	G	GRD	B34/F3			
		GRD	1CONT	04	-178	238	G	GRD	B28/F3			GRD	10-162	10-162	0B0	0B0	G		B54/C9	*		GRD	0DI1	13-040	018	G	GRD	B34/F3			
		GRD	1CONT	04	-178	239	G	GRD	B28/F3			GRD	E29	10-162-0B0	1	1	G	GRD1	B54/B9			GRD	0DI1	13-040	037	G	GRD	B34/F3			
		GRD	1CONT	04	-178	240	G	GRD	B28/F3			GRD	E29	10-162-0B0	2	2	G	GRD2	B54/B9			GRD	0DI1	13-040	043	G	GRD	B34/F3			
		GRD	1CONT	04	-178	241	G	GRD	B28/F3			GRD	E29	10-162-0B0	3	3	G	GRD3	B54/B9			GRD	0DI1	13-040	050	G	GRD	B34/F3			
D		GRD	1CONT	04	-178	242	G	GRD	B28/F3			GRD	E29	10-162-0B0	4	4	G	GRD4	B54/B9			GRD	0DI1	13-040	105	G	GRD	B34/F3			
		GRD	1CONT	04	-178	243	G	GRD	B28/F3			GRD	0CP	13-008	000	000	G	GRD	B30/E4			GRD	0DI1	13-040	111	G	GRD	B34/F3			
		GRD	1CONT	04	-178	300	G	GRD	B28/F3			GRD	0CP	13-008	001	001	G	GRD	B30/E4			GRD	0DI1	13-040	118	G	GRD	B34/F3			
		GRD	1CONT	04	-178	301	G	GRD	B28/F3			GRD	0CP	13-008	032	032	G	GRD	B30/E4	*		GRD	0DI1	13-040	137	G	GRD	B34/F3			
		GRD	1CONT	04	-178	332	G	GRD	B28/F3			GRD	0CP	13-008	033	033	G	GRD	B30/E4	*		GRD	0DI1	13-040	143	G	GRD	B34/F3			
		GRD	1CONT	04	-178	333	G	GRD	B28/F3			GRD	0CP	13-008	034	034	G	GRD	B30/E4	*		GRD	0DI1	13-040	150	G	GRD	B34/F3			
		GRD	1CONT	04	-178	334	G	GRD	B28/F3			GRD	0CP	13-008	035	035	G	GRD	B30/E4	*		GRD	0DI1	13-040	200	G	GRD	B34/F3			
		GRD	1CONT	04	-178	335	G	GRD	B28/F3			GRD	0CP	13-008	036	036	G	GRD	B30/E4	*		GRD	0DI1	13-040	205	G	GRD	B34/F3			
		GRD	1CONT	04	-178	336	G	GRD	B28/F3			GRD	0CP	13-008	037	037	G	GRD	B30/E4	*		GRD	0DI1	13-040	211	G	GRD	B34/F3			
		GRD	1CONT	04	-178	337	G	GRD	B28/F3			GRD	0CP	13-008	038	038	G	GRD	B30/E4	*		GRD	0DI1	13-040	218	G	GRD	B34/F3			
E		GRD	1CONT	04	-178	338	G	GRD	B28/F3			GRD	0CP	13-008	039	039	G	GRD	B30/E4	*		GRD	0DI1	13-040	224	G	GRD	B34/F3			
		GRD	1CONT	04	-178	339	G	GRD	B28/F3			GRD	0CP	13-008	040	040	G	GRD	B30/E4	*		GRD	0DI1	13-040	232	G	GRD	B34/F3			
		GRD	1CONT	04	-178	340	G	GRD	B28/F3			GRD	0CP	13-008	041	041	G	GRD	B30/E4	*		GRD	0DI1	13-040	237	G	GRD	B34/F3			
		GRD	1CONT	04	-178	341	G	GRD	B28/F3			GRD	0CP	13-008	042	042	G	GRD	B30/E4	*		GRD	0DI1	13-040	243	G	GRD	B34/F3			
		GRD	1CONT	04	-178	342	G	GRD	B28/F3			GRD	0CP	13-008																	

A

B

C

D

E

F

G

H

0123456789

133 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
GRD	ICP	13-180	135	G	GRD	B54/F3	*
GRD	ICP	13-180	136	G	GRD	B54/F3	*
GRD	ICP	13-180	137	G	GRD	B54/F3	*
GRD	ICP	13-180	138	G	GRD	B54/F3	*
GRD	ICP	13-180	139	G	GRD	B54/F3	*
GRD	ICP	13-180	140	G	GRD	B54/F3	*
GRD	ICP	13-180	141	G	GRD	B54/F3	*
GRD	ICP	13-180	142	G	GRD	B54/F3	*
GRD	ICP	13-180	143	G	GRD	B54/F3	*
IOB0	TFD13054	13-054	034	IO	IOB0	B36/H1	
IOB0	TFD13130	13-130	034	IO	IOB0	B48/G2	
IOB1	TFD13054	13-054	035	IO	IOB1	B36/H1	
IOB1	TFD13130	13-130	035	IO	IOB1	B48/G2	
IOB10	TFD13054	13-054	045	IO	IOB10	B36/H1	
IOB10	TFD13130	13-130	045	IO	IOB10	B48/G2	
IOB11	TFD13054	13-054	047	IO	IOB11	B36/H1	
IOB11	TFD13130	13-130	047	IO	IOB11	B48/G2	
IOB12	TFD13054	13-054	048	IO	IOB12	B36/H1	
IOB12	TFD13130	13-130	048	IO	IOB12	B48/G2	
IOB13	TFD13054	13-054	049	IO	IOB13	B36/H1	
IOB13	TFD13130	13-130	049	IO	IOB13	B48/G2	
IOB14	TFD13054	13-054	050	IO	IOB14	B36/H1	
IOB14	TFD13130	13-130	050	IO	IOB14	B48/G2	
IOB15	TFD13054	13-054	051	IO	IOB15	B36/H1	
IOB15	TFD13130	13-130	051	IO	IOB15	B48/G2	
IOB2	TFD13054	13-054	036	IO	IOB2	B36/H1	
IOB2	TFD13130	13-130	036	IO	IOB2	B48/G2	
IOB3	TFD13054	13-054	037	IO	IOB3	B36/H1	
IOB3	TFD13130	13-130	037	IO	IOB3	B48/G2	
IOB4	TFD13054	13-054	038	IO	IOB4	B36/H1	
IOB4	TFD13130	13-130	038	IO	IOB4	B48/G2	
IOB5	TFD13054	13-054	040	IO	IOB5	B36/H1	
IOB5	TFD13130	13-130	040	IO	IOB5	B48/G2	
IOB6	TFD13054	13-054	041	IO	IOB6	B36/H1	
IOB6	TFD13130	13-130	041	IO	IOB6	B48/G2	
IOB7	TFD13054	13-054	042	IO	IOB7	B36/H1	
IOB7	TFD13130	13-130	042	IO	IOB7	B48/G2	
IOB8	TFD13054	13-054	043	IO	IOB8	B36/H1	
IOB8	TFD13130	13-130	043	IO	IOB8	B48/G2	
IOB9	TFD13054	13-054	044	IO	IOB9	B36/H1	
IOB9	TFD13130	13-130	044	IO	IOB9	B48/G2	
PI48RTER	01-104	01-104	0B0	P		B29/C2	*
PI48RTER	E12	01-104-0B0	1	P	PWR1	B29/B2	
PI48RTER	E12	01-104-0B0	2	P	PWR2	B29/B2	
PI48RTER	E12	01-104-0B0	3	P	PWR3	B29/B2	
PI48RTER	E12	01-104-0B0	4	P	PWR4	B29/B2	
PI48RTER	BTSR	04-100	100	G	48RTN2	B16/F3	
PI48RTER	BTSR	04-100	101	G	48RTN1	B16/F3	
PIN0M	TFD04082	04-082	049	IO	PIN0M	B12/F1	
PIN0M	TFD04090	04-090	051	IO	PIN0M	B14/G2	
PIN0P	TFD04082	04-082	149	IO	PIN0P	B12/F1	
PIN0P	TFD04090	04-090	151	IO	PIN0P	B14/G2	
POUTH	TFD04082	04-082	050	IO	POUTH	B12/F1	
POUTH	TFD04090	04-090	251	IO	POUTH	B14/G2	
POUTP	TFD04082	04-082	150	IO	POUTP	B12/F1	
POUTP	TFD04090	04-090	351	IO	POUTP	B14/G2	
RESETSU0	TFD04082	04-082	051	IO	RESETSU0	B12/F1	
RESETSU0	TFD04090	04-090	034	IO	RESETSU0	B14/G2	
SPARE00	TS04096	04-096	000	IO	SPARE00	B15/E0	
SPARE00	TS04097	04-097	000	IO	SPARE00	B15/H0	
SPARE01	TS04096	04-096	001	IO	SPARE01	B15/E0	
SPARE01	TS04097	04-097	001	IO	SPARE01	B15/H0	
SPARE02	TS04096	04-096	002	IO	SPARE02	B15/E0	
SPARE02	TS04097	04-097	002	IO	SPARE02	B15/H0	
SPARE03	TS04096	04-096	005	IO	SPARE03	B15/E0	
SPARE03	TS04097	04-097	005	IO	SPARE03	B15/H0	
SPARE04	TFD04045	04-045	006	IO	SPARE04	B4/E3	*

134 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
SPARE05	TFD04143	04-143	006	IO	SPARE05	B25/E2	*
SPARE057	TFD13083	13-083	024	IO	SPARE057	B40/F2	*
SPARE06	TFD04057	04-057	046	IO	SPARE06	B7/E3	*
SPARE060	TFD13097	13-097	024	IO	SPARE060	B43/G3	*
SPARE07	TFD04057	04-057	048	IO	SPARE07	B7/E3	*
SPARE08	TFD04131	04-131	046	IO	SPARE08	B23/E3	*
SPARE09	TFD04131	04-131	048	IO	SPARE09	B23/E3	*
SPARE10	TS04096	04-096	038	IO	SPARE10	B15/E0	
SPARE10	TS04097	04-097	038	IO	SPARE10	B15/H0	
SPARE11	TS04096	04-096	039	IO	SPARE11	B15/E0	
SPARE11	TS04097	04-097	039	IO	SPARE11	B15/H0	
SPARE110	TFD04057	04-057	056	IO	SPARE110	B7/E3	*
SPARE12	TS04096	04-096	040	IO	SPARE12	B15/E0	
SPARE12	TS04097	04-097	040	IO	SPARE12	B15/H0	
SPARE121	TFD04131	04-131	056	IO	SPARE121	B23/E3	*
SPARE13	TS04096	04-096	047	IO	SPARE13	B15/E0	
SPARE13	TS04097	04-097	047	IO	SPARE13	B15/H0	
SPARE14	TS04096	04-096	048	IO	SPARE14	B15/E0	
SPARE14	TS04097	04-097	048	IO	SPARE14	B15/H0	
SPARE15	TS04096	04-096	049	IO	SPARE15	B15/E0	
SPARE15	TS04097	04-097	049	IO	SPARE15	B15/H0	
SPARE16	TS04096	04-096	050	IO	SPARE16	B15/E0	
SPARE16	TS04097	04-097	050	IO	SPARE16	B15/H0	
SPARE166	TFD04082	04-082	337	IO	SPARE166	B12/F1	
SPARE17	TS04096	04-096	052	IO	SPARE17	B15/E0	
SPARE17	TS04097	04-097	052	IO	SPARE17	B15/H0	
SPARE18	TS04098	04-098	000	IO	SPARE18	B15/D6	
SPARE18	TS04099	04-099	000	IO	SPARE18	B15/G6	
SPARE19	TS04098	04-098	001	IO	SPARE19	B15/D6	
SPARE19	TS04099	04-099	001	IO	SPARE19	B15/G6	
SPARE20	TS04098	04-098	002	IO	SPARE20	B15/D6	
SPARE20	TS04099	04-099	002	IO	SPARE20	B15/G6	
SPARE21	TS04098	04-098	003	IO	SPARE21	B15/D6	
SPARE21	TS04099	04-099	003	IO	SPARE21	B15/G6	
SPARE22	TS04098	04-098	004	IO	SPARE22	B15/D6	
SPARE22	TS04099	04-099	004	IO	SPARE22	B15/G6	
SPARE23	TS04098	04-098	005	IO	SPARE23	B15/D6	
SPARE23	TS04099	04-099	005	IO	SPARE23	B15/G6	
SPARE24	TS04098	04-098	056	IO	SPARE24	B15/D6	
SPARE24	TS04099	04-099	056	IO	SPARE24	B15/G6	
SPARE25	TFD04104	04-104	000	IO	SPARE25	B17/D3	
SPARE25	TFD04105	04-105	000	IO	SPARE25	B17/G3	
SPARE26	TFD04104	04-104	001	IO	SPARE26	B17/D3	
SPARE26	TFD04105	04-105	001	IO	SPARE26	B17/G3	
SPARE27	TFD04104	04-104	002	IO	SPARE27	B17/D3	
SPARE27	TFD04105	04-105	002	IO	SPARE27	B17/G3	
SPARE28	TFD04104	04-104	003	IO	SPARE28	B17/D3	
SPARE28	TFD04105	04-105	003	IO	SPARE28	B17/G3	
SPARE29	TFD04104	04-104	005	IO	SPARE29	B17/D3	
SPARE29	TFD04105	04-105	005	IO	SPARE29	B17/G3	
SPARE30	TFD04104	04-104	055	IO	SPARE30	B17/D3	
SPARE30	TFD04105	04-105	055	IO	SPARE30	B17/G3	
SPARE31	TFD04104	04-104	056	IO	SPARE31	B17/D3	
SPARE31	TFD04105	04-105	056	IO	SPARE31	B17/G3	
SPARE32	TFD04106	04-106	000	IO	SPARE32	B18/D3	
SPARE32	TFD04107	04-107	000	IO	SPARE32	B18/G3	
SPARE33	TFD04106	04-106	001	IO	SPARE33	B18/D3	
SPARE33	TFD04107	04-107	001	IO	SPARE33	B18/G3	
SPARE34	TFD04106	04-106	002	IO	SPARE34	B18/D3	
SPARE34	TFD04107	04-107	002	IO	SPARE34	B18/G3	
SPARE35	TFD04106	04-106	005	IO	SPARE35	B18/D3	

135		LEAD INDEX (CONTINUED)						
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
SPARE35	TFD04107		04-107	005		IO SPARE35	B18/G3	
SPARE36	TFD04106		04-106	006		IO SPARE36	B18/D3	
SPARE36	TFD04107		04-107	006		IO SPARE36	B18/G3	
SPARE37	TFD04106		04-106	032		IO SPARE37	B18/D3	
SPARE37	TFD04107		04-107	032		IO SPARE37	B18/G3	
SPARE38	TFD04106		04-106	033		IO SPARE38	B18/D3	
SPARE38	TFD04107		04-107	033		IO SPARE38	B18/G3	
SPARE39	TFD04106		04-106	034		IO SPARE39	B18/D3	
SPARE39	TFD04107		04-107	034		IO SPARE39	B18/G3	
SPARE40	TFD04106		04-106	035		IO SPARE40	B18/D3	
SPARE40	TFD04107		04-107	035		IO SPARE40	B18/G3	
SPARE41	TFD04106		04-106	036		IO SPARE41	B18/D3	
SPARE41	TFD04107		04-107	036		IO SPARE41	B18/G3	
SPARE42	TFD04106		04-106	037		IO SPARE42	B18/D3	
SPARE42	TFD04107		04-107	037		IO SPARE42	B18/G3	
SPARE43	TFD04106		04-106	038		IO SPARE43	B18/D3	
SPARE43	TFD04107		04-107	038		IO SPARE43	B18/G3	
SPARE44	TFD04106		04-106	039		IO SPARE44	B18/D3	
SPARE44	TFD04107		04-107	039		IO SPARE44	B18/G3	
SPARE45	TFD04106		04-106	047		IO SPARE45	B18/D3	
SPARE45	TFD04107		04-107	047		IO SPARE45	B18/G3	
SPARE46	TFD04106		04-106	052		IO SPARE46	B18/D3	
SPARE46	TFD04107		04-107	052		IO SPARE46	B18/G3	
SPARE55	TFD04039		04-039	021		IO SPARE55	B3/E3	*
SPARE56	TFD04039		04-039	022		IO SPARE56	B3/E3	*
SPARE57	TFD04039		04-039	023		IO SPARE57	B3/E3	*
SPARE58	TFD04039		04-039	024		IO SPARE58	B3/E3	*
SPARE59	TFD04039		04-039	032		IO SPARE59	B3/E3	*
SPARE60	TFD04039		04-039	033		IO SPARE60	B3/E3	*
SPARE61	TFD04039		04-039	034		IO SPARE61	B3/E3	*
SPARE91	TFD04149		04-149	021		IO SPARE91	B26/D5	*
SPARE92	TFD04149		04-149	022		IO SPARE92	B26/D5	*
SPARE93	TFD04149		04-149	023		IO SPARE93	B26/D5	*
SPARE94	TFD04149		04-149	024		IO SPARE94	B26/D5	*
SPARE95	TFD04149		04-149	032		IO SPARE95	B26/D5	*
SPARE96	TFD04149		04-149	033		IO SPARE96	B26/D5	*
SPARE97	TFD04149		04-149	034		IO SPARE97	B26/D5	*
TERRCV	TFD04082		04-082	014		IO TERRCV	B12/F1	
TERRCV	TFD04082		04-082	207		IO TERRCV	B12/F1	
TERTNS	TFD04082		04-082	116		IO TERTNS	B12/F1	
TERTNS	TFD04082		04-082	203		IO TERTNS	B12/F1	
TESTPT01	0MR0MRAM		04-058	002		IO TP2	B8/F1	
TESTPT05	0MR0MRAM		04-058	044		IO PARPROG0	B8/F1	
TESTPT07	0MR0MRAM		04-058	051		IO PERPGM	B8/F1	
TESTPT08	0MR0MRAM		04-058	114		IO CP0	B8/F1	

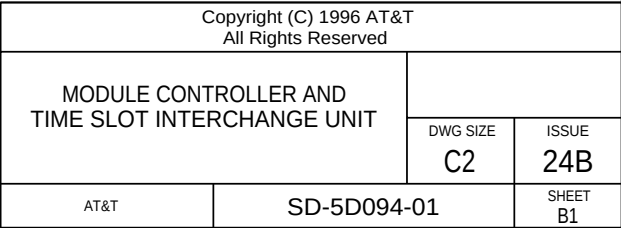
139	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
UA9	0MPC		04-076	045	I0	UA09	B11/F3	
UA9	TFD04090		04-090	143	I0	UA9	B14/G2	
UA9	BTSR		04-100	143	I0	UA9	B16/F3	
UA9	TFD04106		04-106	045	I0	UA9	B18/D3	
UA9	TFD04107		04-107	045	I0	UA9	B18/G3	
UA9	1MPC		04-108	045	I0	UA09	B19/F1	
UADCLKB	0MPC		04-076	306	I0	UADCLKB	B11/F3	
UADCLKB	TFD04090		04-090	005	I0	UADCLKB	B14/G2	
UADCLKB	TS04096		04-096	006	I0	UADCLKB	B15/E0	
UADCLKB	TS04097		04-097	006	I0	UADCLKB	B15/H0	
UADCLKB	BTSR		04-100	005	I0	UADCLKB0	B16/F3	
UADCLKB	1MPC		04-108	306	I0	UADCLKB	B19/F1	
UBHE0	0MPC		04-076	342	I0	UBHE0	B11/F3	
UBHE0	TFD04090		04-090	240	I0	UBHE0	B14/G2	
UBHE0	TS04096		04-096	042	I0	UBHE0	B15/E0	
UBHE0	TS04097		04-097	042	I0	UBHE0	B15/H0	
UBHE0	BTSR		04-100	240	I0	UBHE0	B16/F3	
UBHE0	1MPC		04-108	342	I0	UBHE0	B19/F1	
UBLE0	0MPC		04-076	247	I0	UBLE0	B11/F3	
UBLE0	TFD04090		04-090	345	I0	UBLE0	B14/G2	
UBLE0	TS04098		04-098	051	I0	UBLE0	B15/D6	
UBLE0	TS04099		04-099	051	I0	UBLE0	B15/G6	
UBLE0	BTSR		04-100	345	I0	UBLE0	B16/F3	
UBLE0	1MPC		04-108	247	I0	UBLE0	B19/F1	
UD0	0MPC		04-076	010	I0	UD00	B11/F3	
UD0	TFD04090		04-090	013	I0	UD0	B14/G2	
UD0	BTSR		04-100	013	I0	UD0	B16/F3	
UD0	TFD04106		04-106	008	I0	UD0	B18/D3	
UD0	TFD04107		04-107	008	I0	UD0	B18/G3	
UD0	1MPC		04-108	010	I0	UD00	B19/F1	
UD1	0MPC		04-076	110	I0	UD01	B11/F3	
UD1	TFD04090		04-090	113	I0	UD1	B14/G2	
UD1	BTSR		04-100	113	I0	UD1	B16/F3	
UD1	TFD04104		04-104	007	I0	UD1	B17/D3	
UD1	TFD04105		04-105	007	I0	UD1	B17/G3	
UD1	1MPC		04-108	110	I0	UD01	B19/F1	
UD10	0MPC		04-076	113	I0	UD10	B11/F3	
UD10	TFD04090		04-090	019	I0	UD10	B14/G2	
UD10	BTSR		04-100	019	I0	UD10	B16/F3	
UD10	TFD04104		04-104	009	I0	UD10	B17/D3	
UD10	TFD04105		04-105	009	I0	UD10	B17/G3	
UD10	1MPC		04-108	113	I0	UD10	B19/F1	
UD11	0MPC		04-076	213	I0	UD11	B11/F3	
UD11	TFD04090		04-090	219	I0	UD11	B14/G2	
UD11	TS04098		04-098	009	I0	UD11	B15/D6	
UD11	TS04099		04-099	009	I0	UD11	B15/G6	
UD11	BTSR		04-100	219	I0	UD11	B16/F3	
UD11	1MPC		04-108	213	I0	UD11	B19/F1	
UD12	0MPC		04-076	014	I0	UD12	B11/F3	
UD12	TFD04090		04-090	020	I0	UD12	B14/G2	
UD12	BTSR		04-100	020	I0	UD12	B16/F3	
UD12	TFD04106		04-106	011	I0	UD12	B18/D3	
UD12	TFD04107		04-107	011	I0	UD12	B18/G3	
UD12	1MPC		04-108	014	I0	UD12	B19/F1	
UD13	0MPC		04-076	114	I0	UD13	B11/F3	
UD13	TFD04090		04-090	120	I0	UD13	B14/G2	
UD13	BTSR		04-100	120	I0	UD13	B16/F3	
UD13	TFD04104		04-104	010	I0	UD13	B17/D3	
UD13	TFD04105		04-105	010	I0	UD13	B17/G3	
UD13	1MPC		04-108	114	I0	UD13	B19/F1	
UD14	0MPC		04-076	214	I0	UD14	B11/F3	
UD14	TFD04090		04-090	220	I0	UD14	B14/G2	
UD14	TS04098		04-098	010	I0	UD14	B15/D6	
UD14	TS04099		04-099	010	I0	UD14	B15/G6	
UD14	BTSR		04-100	220	I0	UD14	B16/F3	
UD14	1MPC		04-108	214	I0	UD14	B19/F1	
UD15	0MPC		04-076	314	I0	UD15	B11/F3	
UD15	TFD04090		04-090	320	I0	UD15	B14/G2	
UD15	TS04096		04-096	011	I0	UD15	B15/E0	
UD15	TS04097		04-097	011	I0	UD15	B15/H0	
UD15	BTSR		04-100	320	I0	UD15	B16/F3	
UD15	1MPC		04-108	314	I0	UD15	B19/F1	
UD2	0MPC		04-076	310	I0	UD02	B11/F3	
UD2	TFD04090		04-090	213	I0	UD2	B14/G2	
UD2	TS04096		04-096	008	I0	UD2	B15/E0	
UD2	TS04097		04-097	008	I0	UD2	B15/H0	
UD2	BTSR		04-100	213	I0	UD2	B16/F3	
UD2	1MPC		04-108	310	I0	UD02	B19/F1	
UD3	0MPC		04-076	011	I0	UD03	B11/F3	
UD3	TFD04090		04-090	014	I0	UD3	B14/G2	
UD3	BTSR		04-100	014	I0	UD3	B16/F3	
UD3	TFD04106		04-106	009	I0	UD3	B18/D3	

140	LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC	XT
UD3	TFD04107	04-107		009	IO	UD3	B18/G3	
UD3	1MPC	04-108		011	IO	UD03	B19/F1	
UD4	0MPC	04-076		111	IO	UD04	B11/F3	
UD4	TFD04090	04-090		214	IO	UD4	B14/G2	
UD4	BTSR	04-100		214	IO	UD4	B16/F3	
UD4	TFD04104	04-104		008	IO	UD4	B17/D3	
UD4	TFD04105	04-105		008	IO	UD4	B17/G3	
UD4	1MPC	04-108		111	IO	UD04	B19/F1	
UD5	0MPC	04-076		211	IO	UD05	B11/F3	
UD5	TFD04090	04-090		314	IO	UD5	B14/G2	
UD5	TS04098	04-098		007	IO	UD5	B15/D6	
UD5	TS04099	04-099		007	IO	UD5	B15/G6	
UD5	BTSR	04-100		314	IO	UD5	B16/F3	
UD5	1MPC	04-108		211	IO	UD05	B19/F1	
UD6	0MPC	04-076		311	IO	UD06	B11/F3	
UD6	TFD04090	04-090		015	IO	UD6	B14/G2	
UD6	TS04096	04-096		009	IO	UD6	B15/E0	
UD6	TS04097	04-097		009	IO	UD6	B15/H0	
UD6	BTSR	04-100		015	IO	UD6	B16/F3	
UD6	1MPC	04-108		311	IO	UD06	B19/F1	
UD7	0MPC	04-076		212	IO	UD07	B11/F3	
UD7	TFD04090	04-090		115	IO	UD7	B14/G2	
UD7	TS04098	04-098		008	IO	UD7	B15/D6	
UD7	TS04099	04-099		008	IO	UD7	B15/G6	
UD7	BTSR	04-100		115	IO	UD7	B16/F3	
UD7	1MPC	04-108		212	IO	UD07	B19/F1	
UD8	0MPC	04-076		312	IO	UD08	B11/F3	
UD8	TFD04090	04-090		218	IO	UD8	B14/G2	
UD8	TS04096	04-096		010	IO	UD8	B15/E0	
UD8	TS04097	04-097		010	IO	UD8	B15/H0	
UD8	BTSR	04-100		218	IO	UD8	B16/F3	
UD8	1MPC	04-108		312	IO	UD08	B19/F1	
UD9	0MPC	04-076		013	IO	UD09	B11/F3	
UD9	TFD04090	04-090		318	IO	UD9	B14/G2	
UD9	BTSR	04-100		318	IO	UD9	B16/F3	
UD9	TFD04106	04-106		010	IO	UD9	B18/D3	
UD9	TFD04107	04-107		010	IO	UD9	B18/G3	
UD9	1MPC	04-108		013	IO	UD09	B19/F1	
UEAPAR	0MPC	04-076		242	IO	UEAPAR	B11/F3	
UEAPAR	TFD04090	04-090		141	IO	UEAPAR	B14/G2	
UEAPAR	TS04098	04-098		046	IO	UEAPAR	B15/D6	
UEAPAR	TS04099	04-099		046	IO	UEAPAR	B15/G6	
UEAPAR	BTSR	04-100		141	IO	UEAPAR	B16/F3	
UEAPAR	1MPC	04-108		242	IO	UEAPAR	B19/F1	
UHAPAR	0MPC	04-076		142	IO	UHAPAR	B11/F3	
UHAPAR	TFD04090	04-090		041	IO	UHAPAR	B14/G2	
UHAPAR	BTSR	04-100		041	IO	UHAPAR	B16/F3	
UHAPAR	TFD04104	04-104		046	IO	UHAPAR	B17/D3	
UHAPAR	TFD04105	04-105		046	IO	UHAPAR	B17/G3	
UHAPAR	1MPC	04-108		142	IO	UHAPAR	B19/F1	
UHDPAR	0MPC	04-076		215	IO	UHDPAR	B11/F3	
UHDPAR	TFD04090	04-090		221	IO	UHDPAR	B14/G2	
UHDPAR	TS04098	04-098		011	IO	UHDPAR	B15/D6	
UHDPAR	TS04099	04-099		011	IO	UHDPAR	B15/G6	
UHDPAR	BTSR	04-100		221	IO	UHDPAR	B16/F3	
UHDPAR	1MPC	04-108		215	IO	UHDPAR	B19/F1	
ULAPAR	0MPC	04-076		042	IO	ULAPAR	B11/F3	
ULAPAR	TFD04090	04-090		340	IO	ULAPAR	B14/G2	
ULAPAR	BTSR	04-100		340	IO	ULAPAR	B16/F3	
ULAPAR	TFD04106	04-106		041	IO	ULAPAR	B18/D3	
ULAPAR	TFD04107	04-107		041	IO	ULAPAR	B18/G3	
ULAPAR	1MPC	04-108		042	IO	ULAPAR	B19/F1	
ULDPAR	0MPC	04-076		115	IO	ULDPAR	B11/F3	
ULDPAR	TFD04090	04-090		021	IO	ULDPAR	B14/G2	
ULDPAR	BTSR	04-100		021	IO	ULDPAR	B16/F3	
ULDPAR	TFD04104	04-104		011	IO	ULDPAR	B17/D3	
ULDPAR	TFD04105	04-105		011	IO	ULDPAR	B17/G3	
ULDPAR	1MPC	04-108		115	IO	ULDPAR	B19/F1	
UNRCV	TFD04082	04-082		013	IO	UNRCV	B12/F1	
UNRCV	TFD04082	04-082		308	IO	UNRCV	B12/F1	
UNTNS	TFD04082	04-082		115	IO	UNTNS	B12/F1	
UNTNS	TFD04082	04-082		306	IO	UNTNS	B12/F1	
URD0	0MPC	04-076		106	IO	URD0	B11/F3	
URD0	TFD04090	04-090		003	IO	URD0	B14/G2	
URD0	BTSR	04-100		003	IO	URD0	B16/F3	
URD0	TFD04104	04-104		006	IO	URD0	B17/D3	
URD0	TFD04105	04-105		006	IO	URD0	B17/G3	
URD0	1MPC	04-108		106	IO	URD0	B19/F1	
UWAIT0	0MPC	04-076		103	IO	UWAIT0	B11/F3	
UWAIT0	TFD04090	04-090		104	IO	UWAIT0	B14/G2	

141 LEAD INDEX (CONTINUED)							
LDESIG	FDESIG	ELI	EQL	TRMNO	FN	TRMMOD	SYMLOC XT
UWAIT0	BTSR		04-100	104	I	UWAIT0	B16/F3
UWAIT0	TFD04104		04-104	004	I	UWAIT0	B17/D3
UWAIT0	TFD04105		04-105	004	I	UWAIT0	B17/G3
UWAIT0	1MPC		04-108	103	I	UWAIT0	B19/F1
UWR0	0MPC		04-076	206	I	UWR0	B11/F3
UWR0	TFD04090		04-090	204	I	UWR0	B14/G2
UWR0	TS04098		04-098	006	I	UWR0	B15/D6
UWR0	TS04099		04-099	006	I	UWR0	B15/G6
UWR0	BTSR		04-100	204	I	UWR0	B16/F3
UWR0	1MPC		04-108	206	I	UWR0	B19/F1

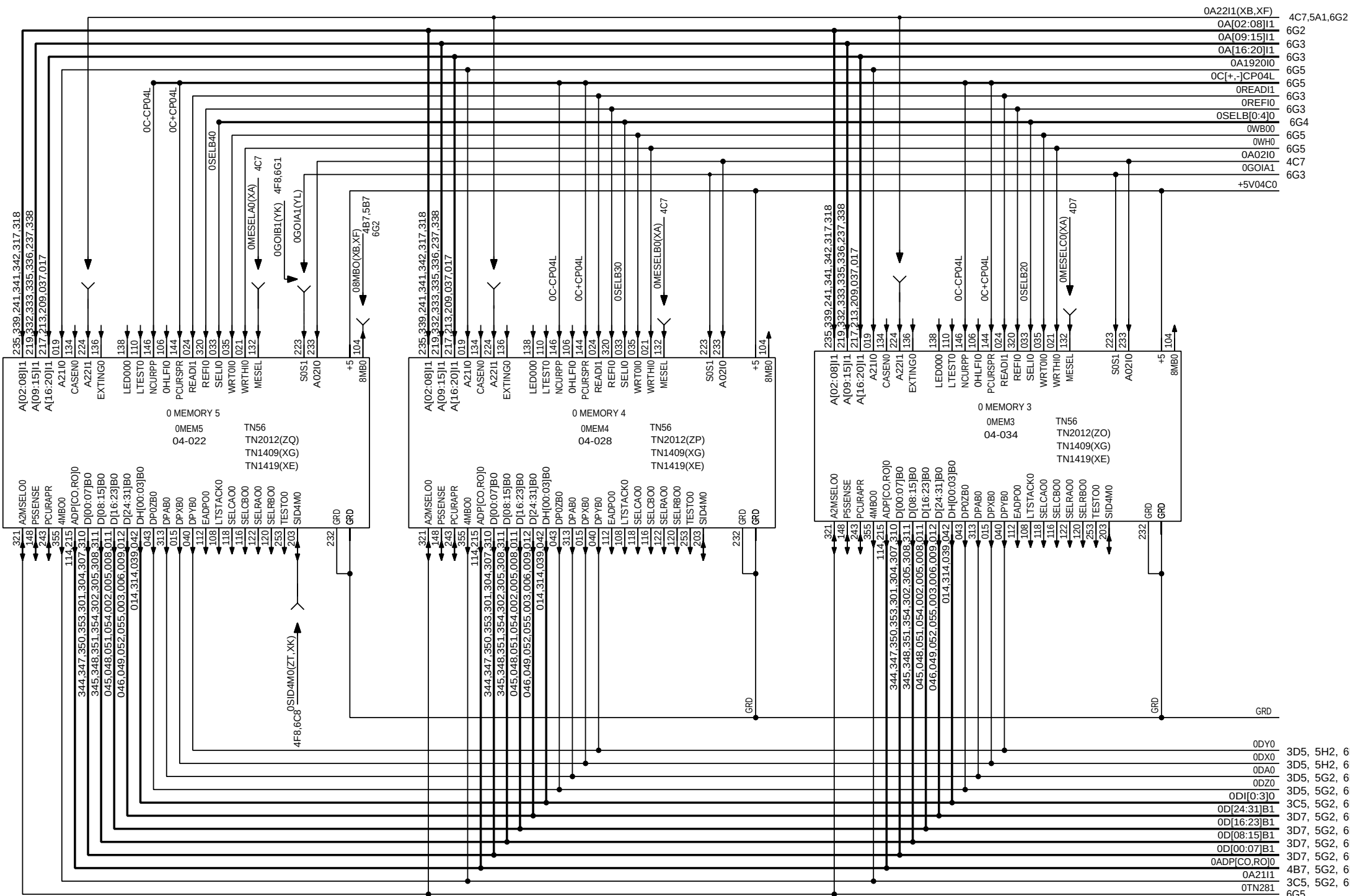
Copyright (C) 1996 AT&T All Rights Reserved			
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT			
		DWG SIZE C2	ISSUE 25B
AT&T	SD-5D094-01		SHEET A56

MCTU LOWER SHELF, SIDE 0



PART OF FS 1

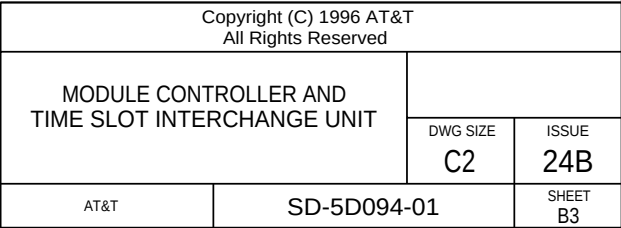
MCTU LOWER SHELF, SIDE 0



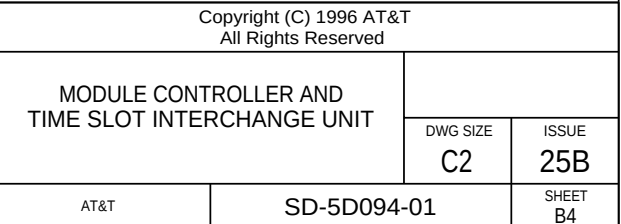
Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	25B
AT&T	SD-5D094-01	
		SHEET B2

PRINTED IN U.S.A.

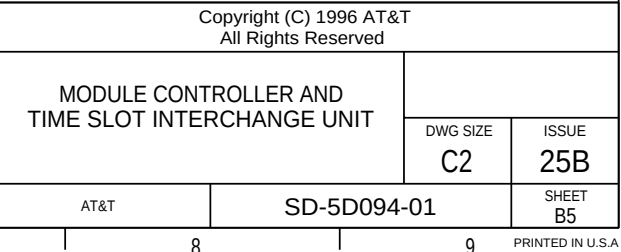
MCTU LOWER SHELF, SIDE 0



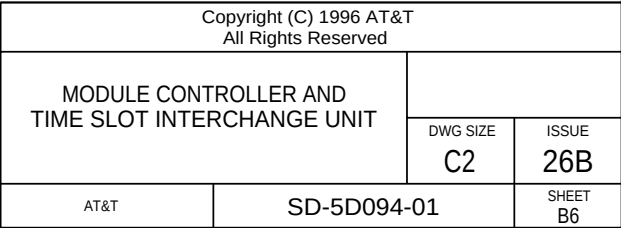
MCTU LOWER SHELF, SIDE 0



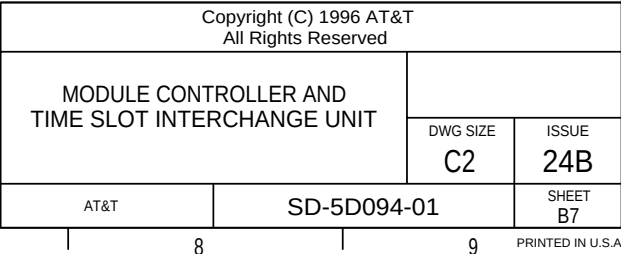
MCTU LOWER SHELF, SIDE 0



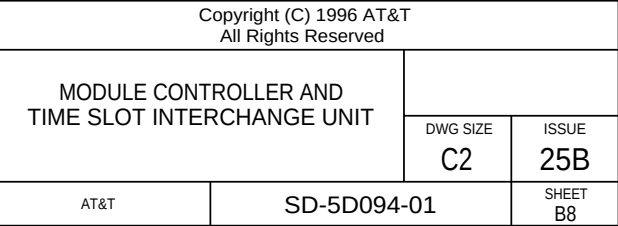
MCTU LOWER SHELF, SIDE 0



MCTU LOWER SHELF, SIDE 0

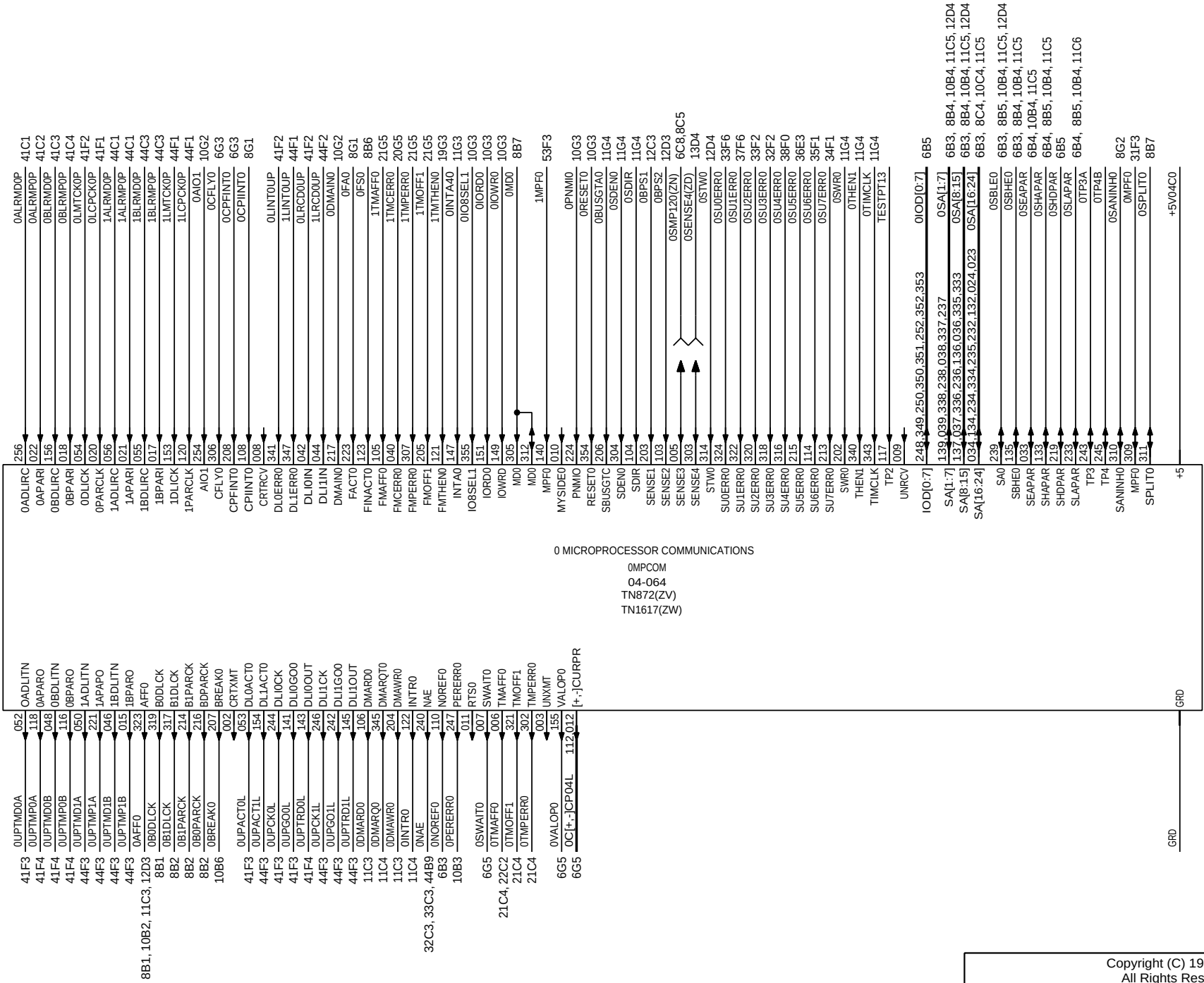
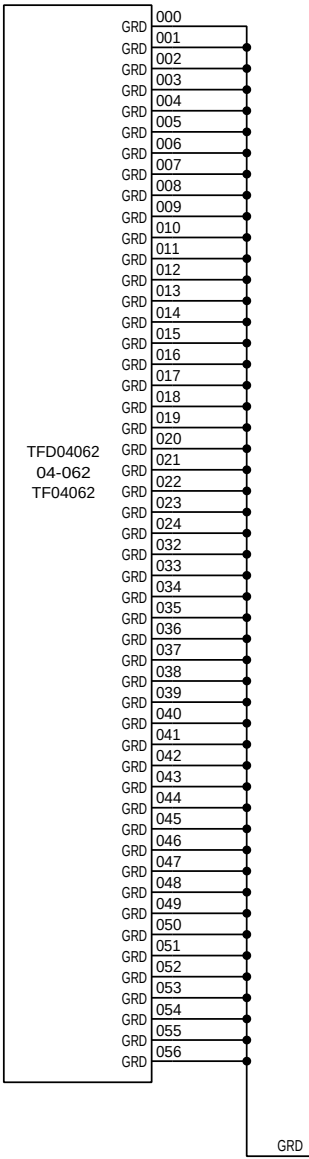


MCTU LOWER SHELF, SIDE 0



PART OF FS 1

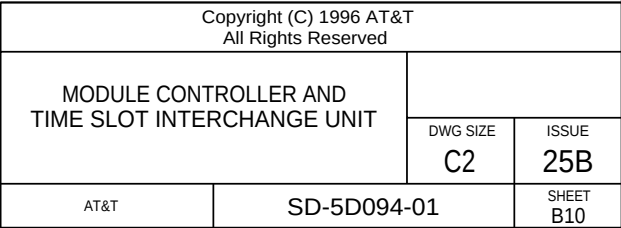
MCTU LOWER SHELF, SIDE 0



Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
		SHEET B9

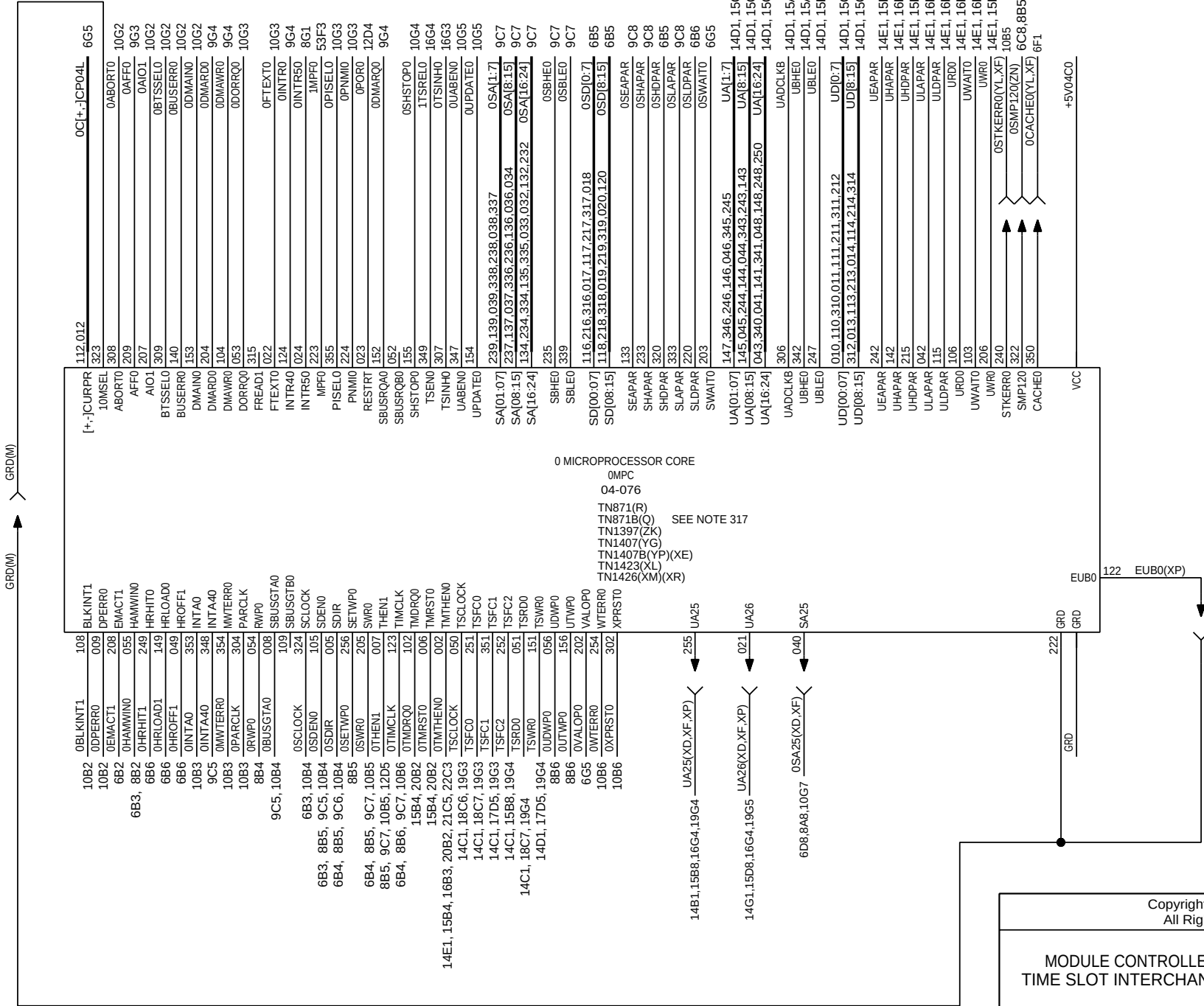
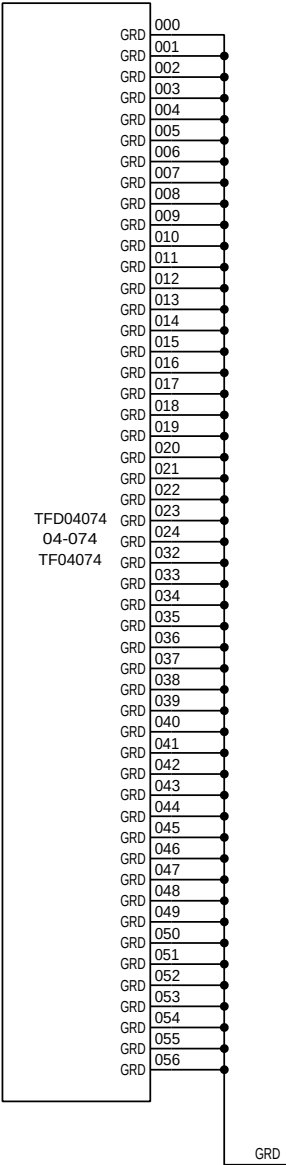
PRINTED IN U.S.A.

MCTU LOWER SHELF, SIDE 0



PART OF FS 1

MCTU LOWER SHELF, SIDE 0

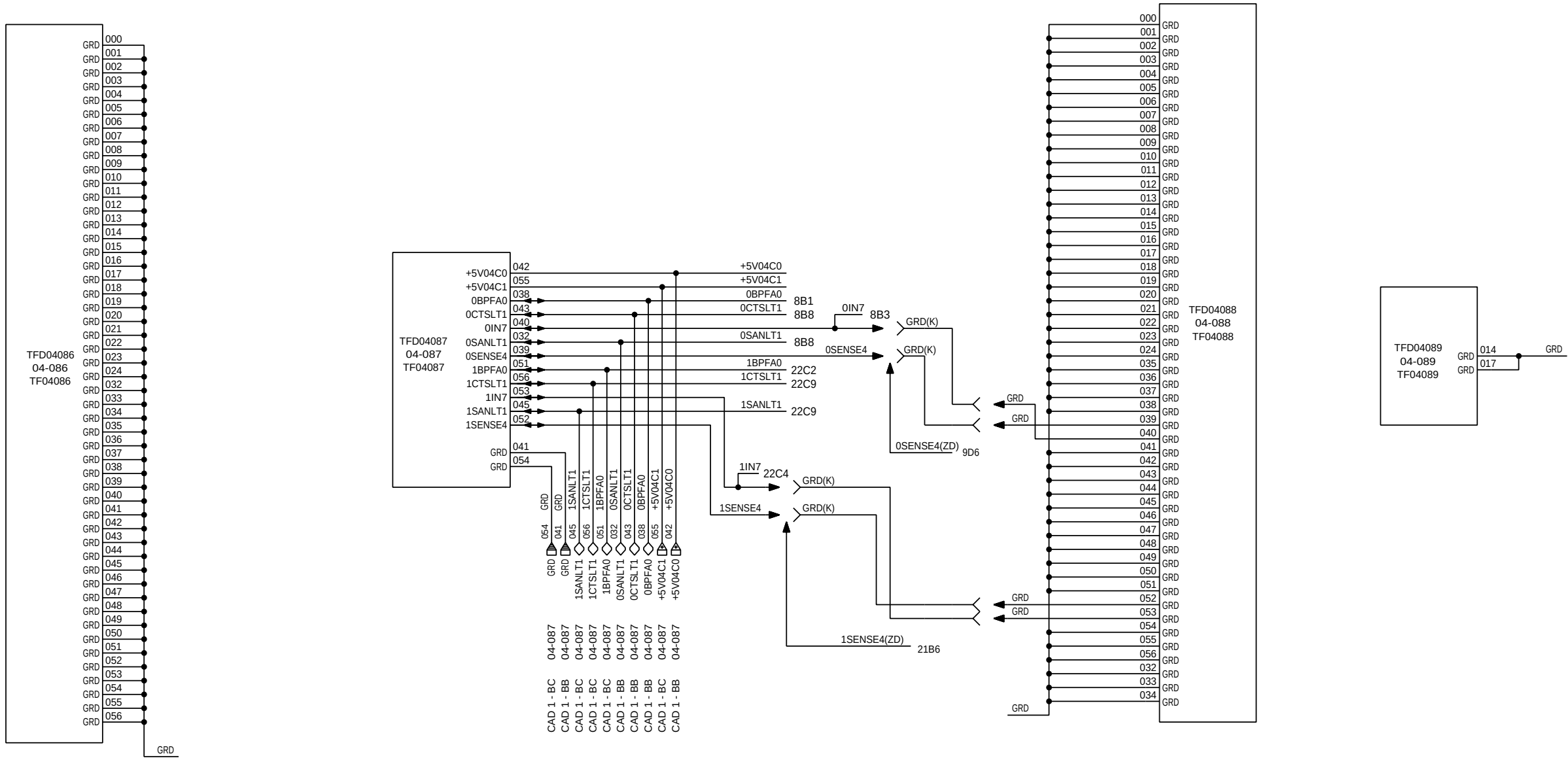


MCTU LOWER SHELF, SIDE 0



PART OF FS 1

MCTU LOWER SHELF, SIDE 0



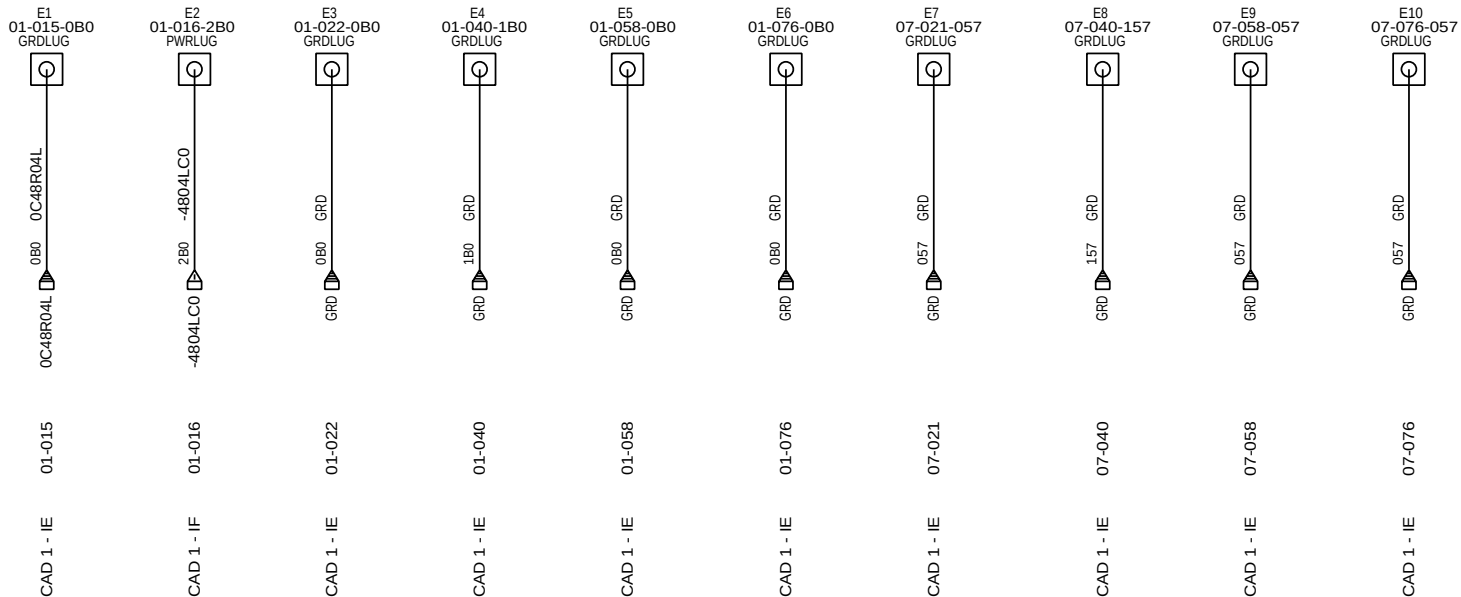
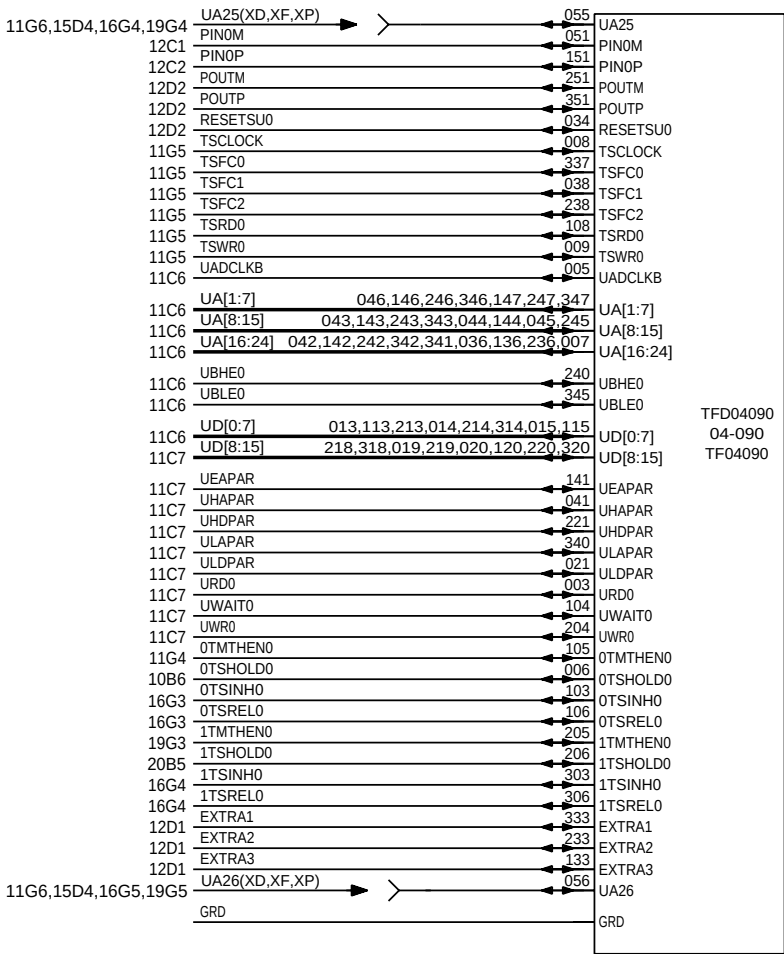
Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
	SHEET	B13

PRINTED IN U.S.A

PART OF FS 1

MCTU LOWER SHELF, SIDE 0

LUGS



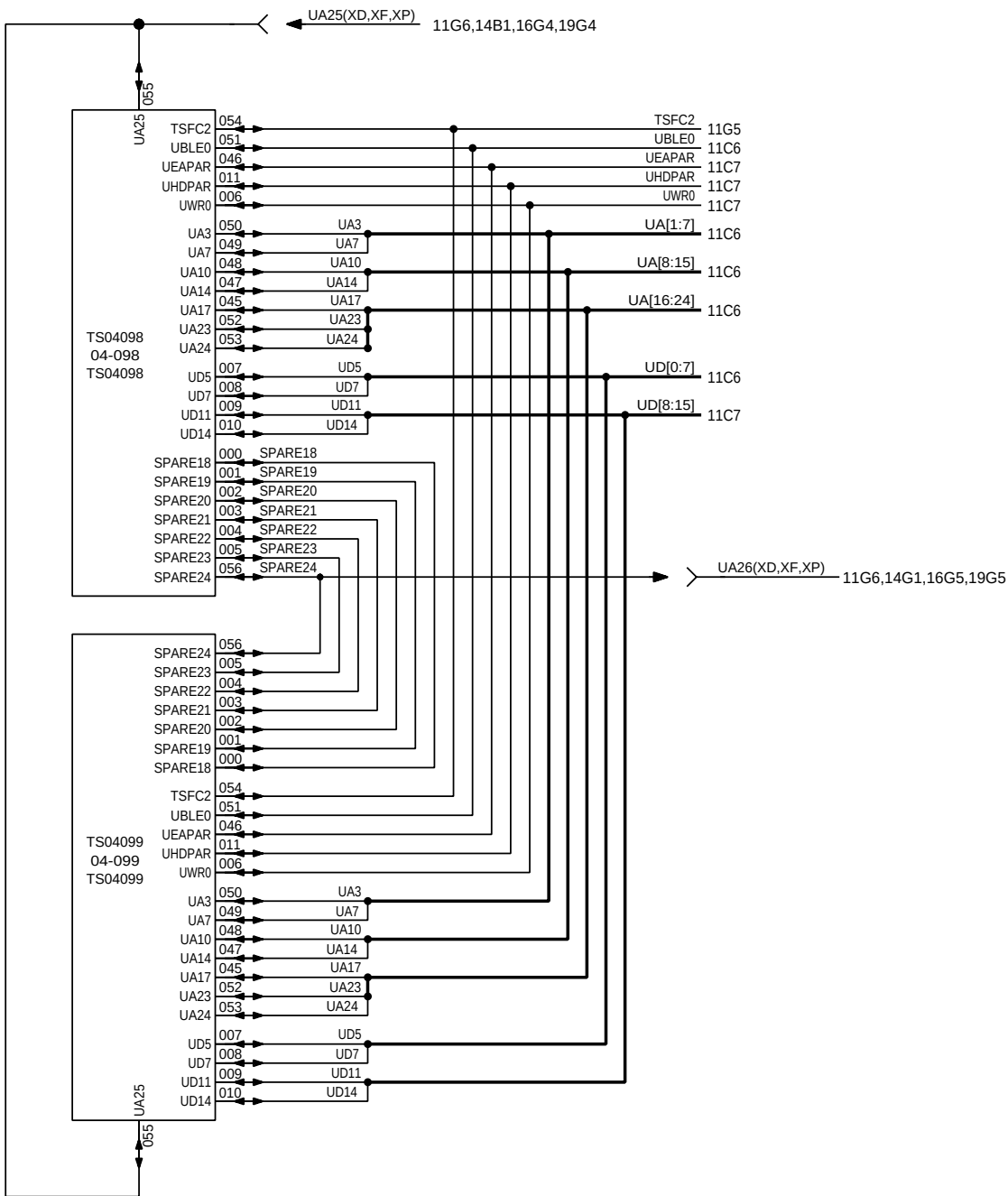
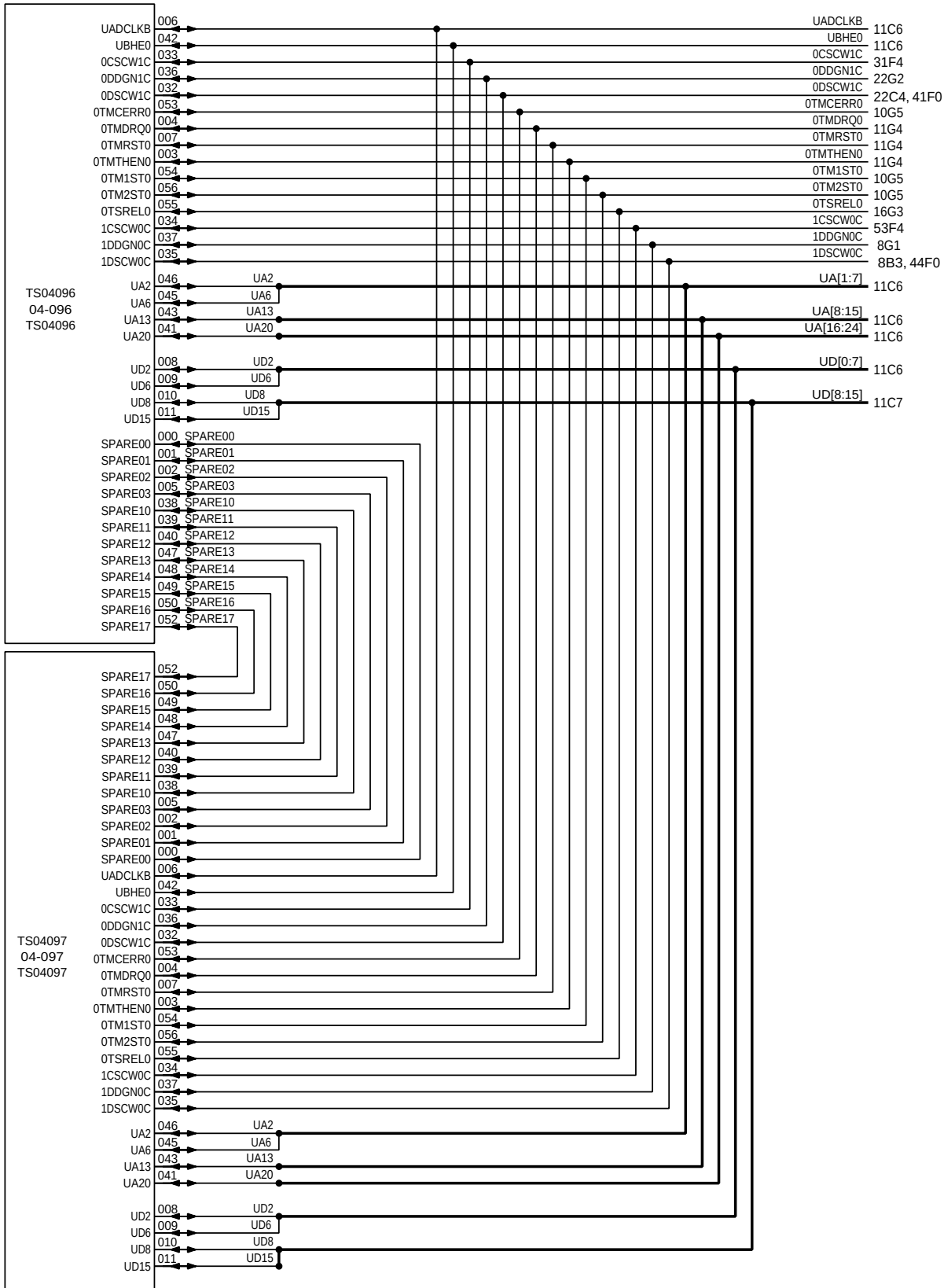
Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	26B
AT&T	SD-5D094-01	
		SHEET B14

PRINTED IN U.S.A

PART OF FS 2

MCTU LOWER SHELF, SIDE 1

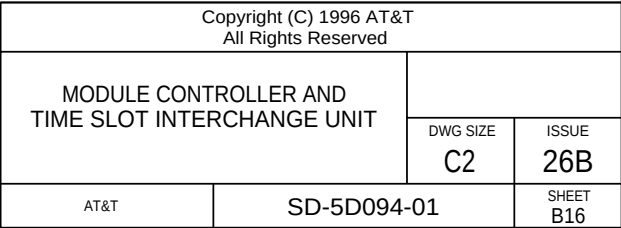
NOTES:
1. MANUAL UPDATE BUS PADDLE BOARDS. (SEE SHEET GB1)



Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	26B
AT&T	SD-5D094-01	
		SHEET B15

PRINTED IN U.S.A.

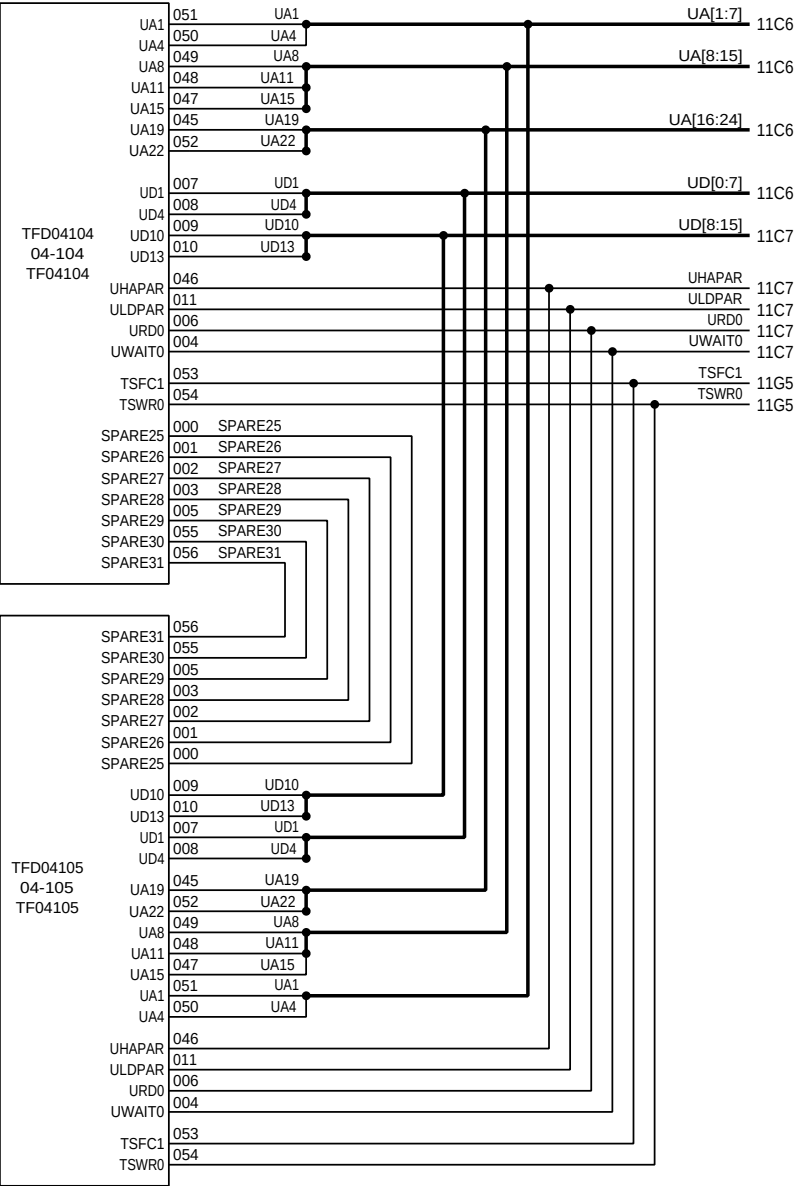
MCTU LOWER SHELF, SIDE 1



PART OF FS 2

MCTU LOWER SHELF, SIDE 1

NOTE:
MANUAL UPDATE BUS PADDLE BOARDS. (SEE SHEET GB1)



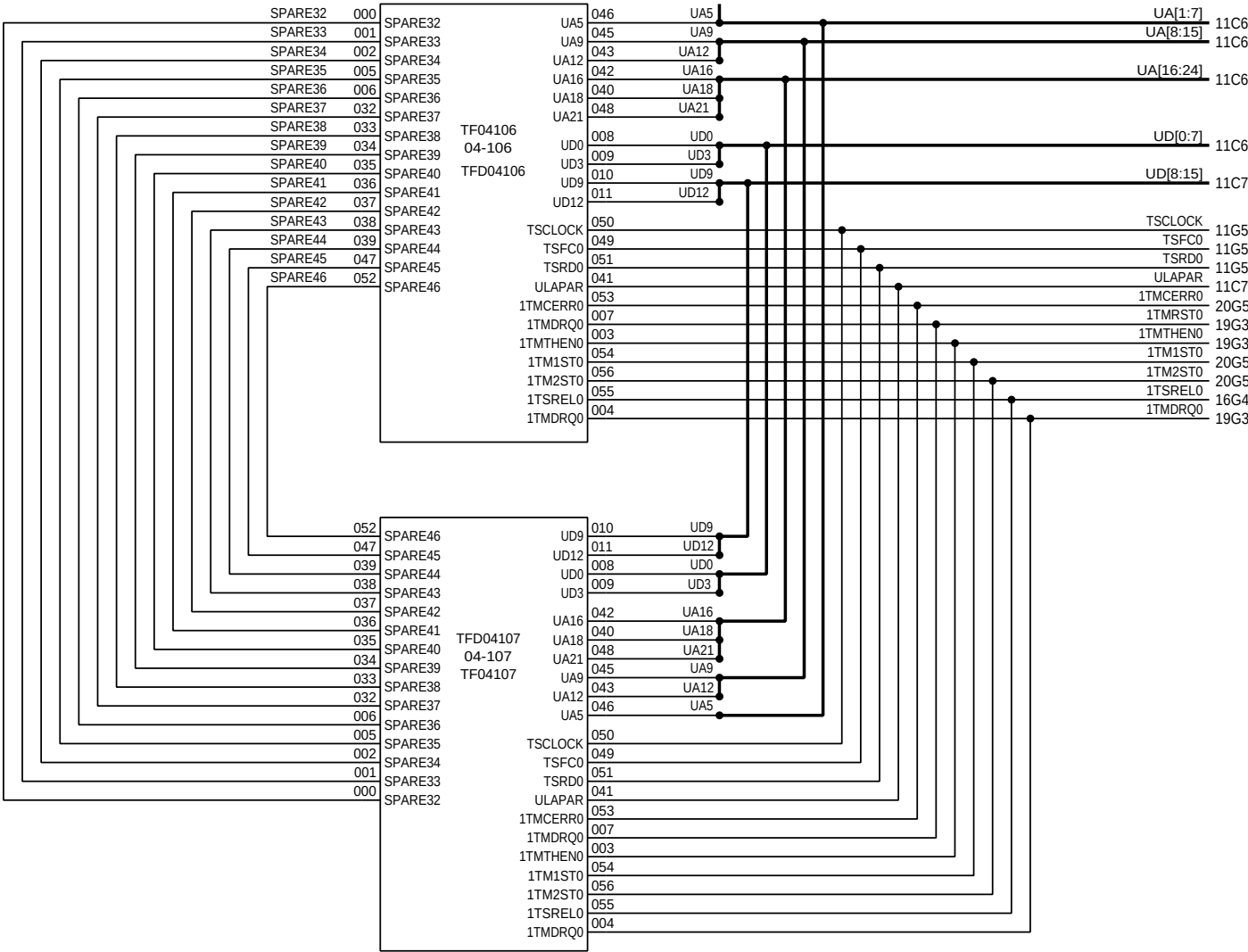
Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	26B
AT&T	SD-5D094-01	
		SHEET B17

PRINTED IN U.S.A

PART OF FS 2

MCTU LOWER SHELF, SIDE 1

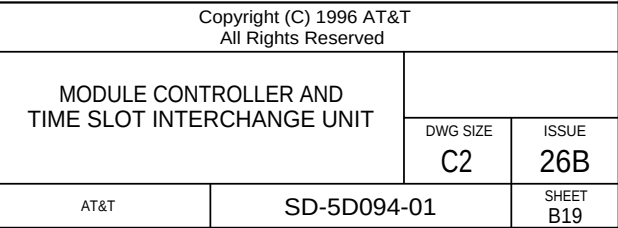
NOTE:
MANUAL UPDATE BUS PADDLE BOARDS. (SEE SHEET GB1)



Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	26B
AT&T	SD-5D094-01	
		SHEET B18

PRINTED IN U.S.A.

MCTU LOWER SHELF, SIDE 1



PART OF FS 2

MCTU LOWER SHELF, SIDE 1

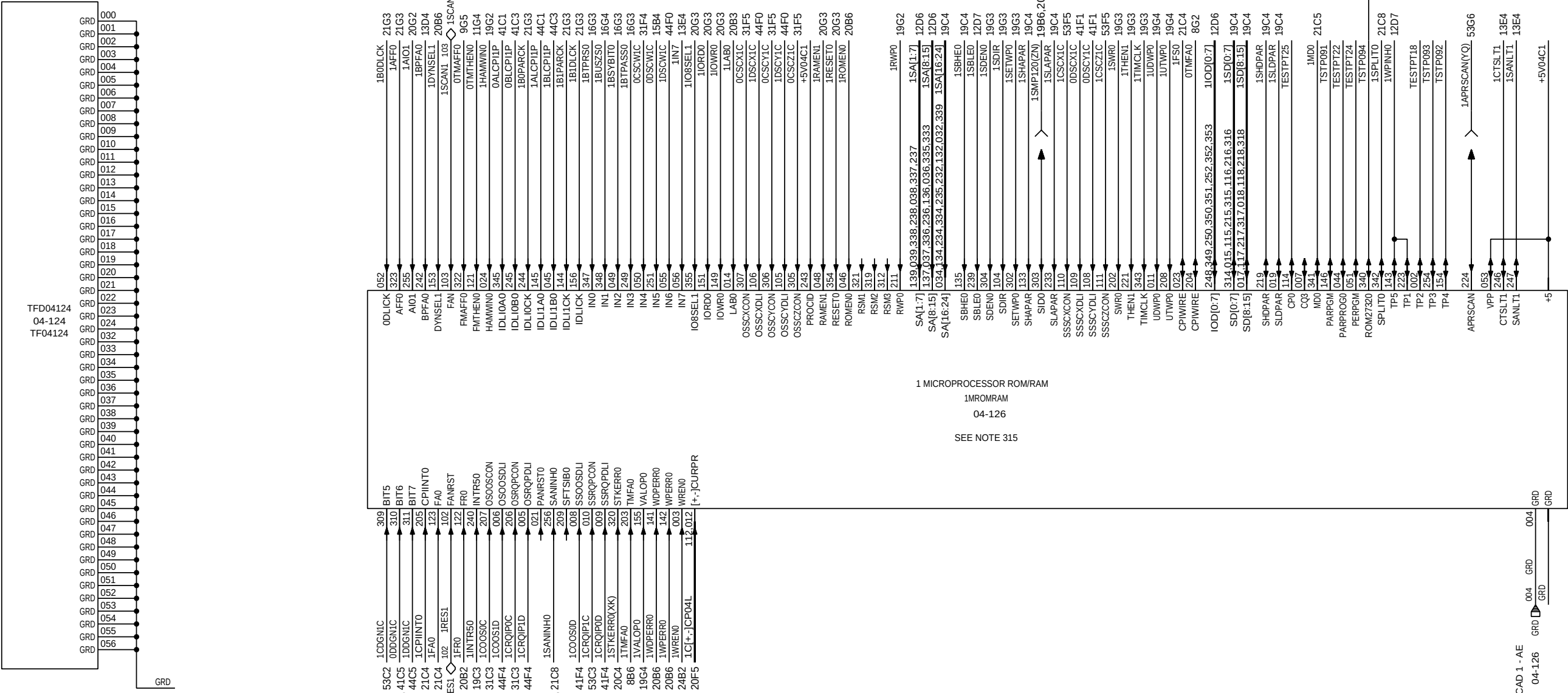
Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	25B
AT&T	SD-5D094-01	
	SHEET B20	

PRINTED IN U.S.A

MCTU LOWER SHELF, SIDE 1

PRINTED IN U.S.A.

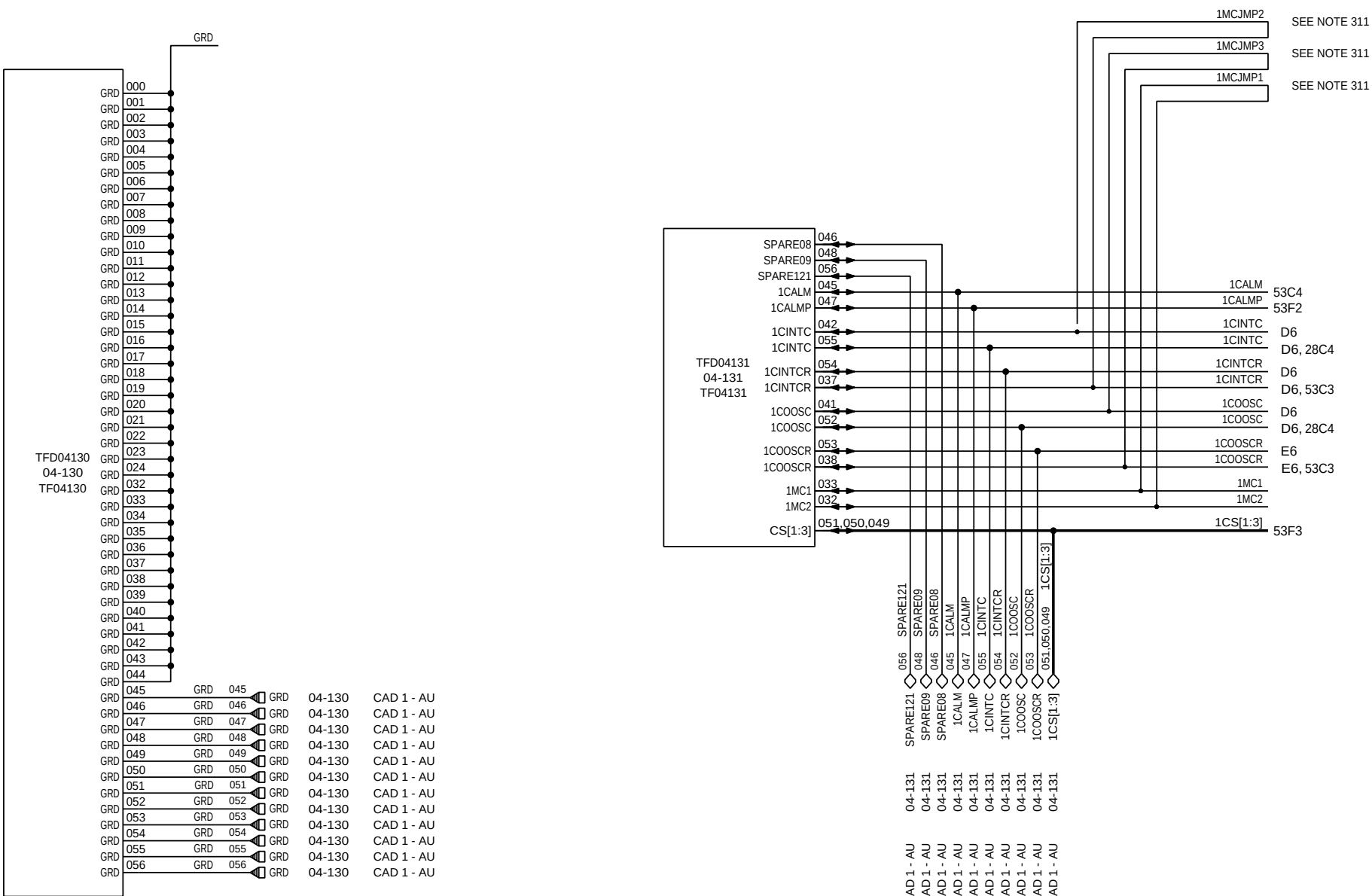
MCTU LOWER SHELF, SIDE 1



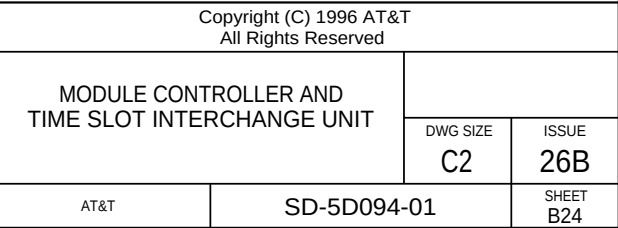
PRINTED IN U.S.A.

PART OF FS 2

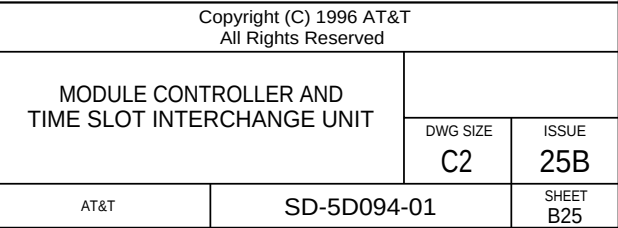
MCTU LOWER SHELF, SIDE 1



MCTU LOWER SHELF, SIDE 1

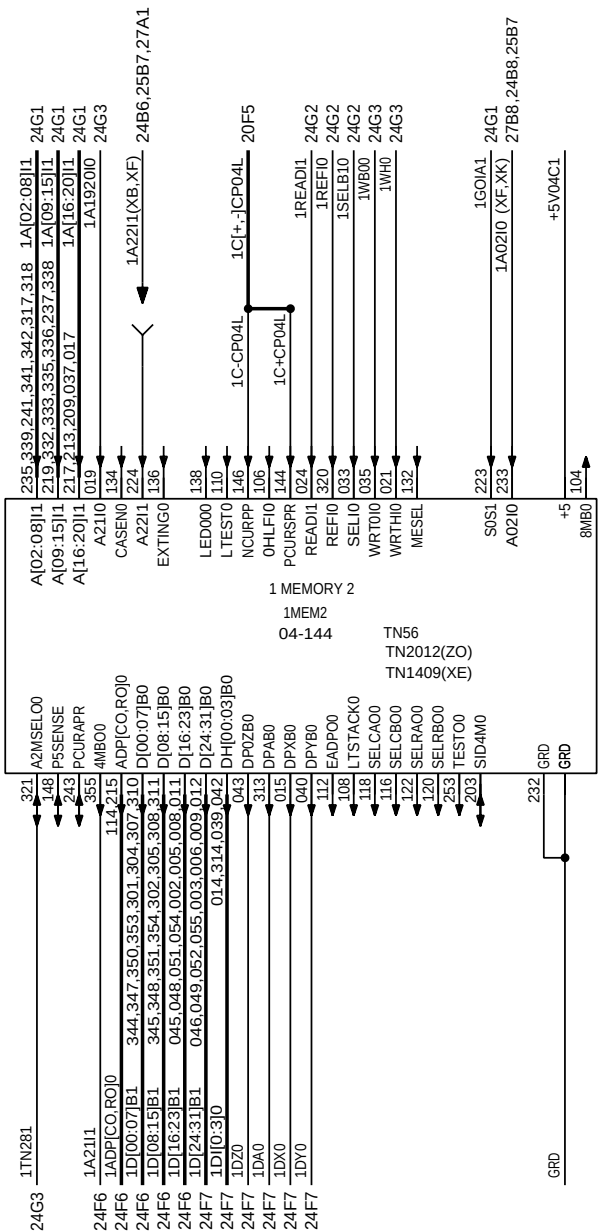


MCTU LOWER SHELF, SIDE 1

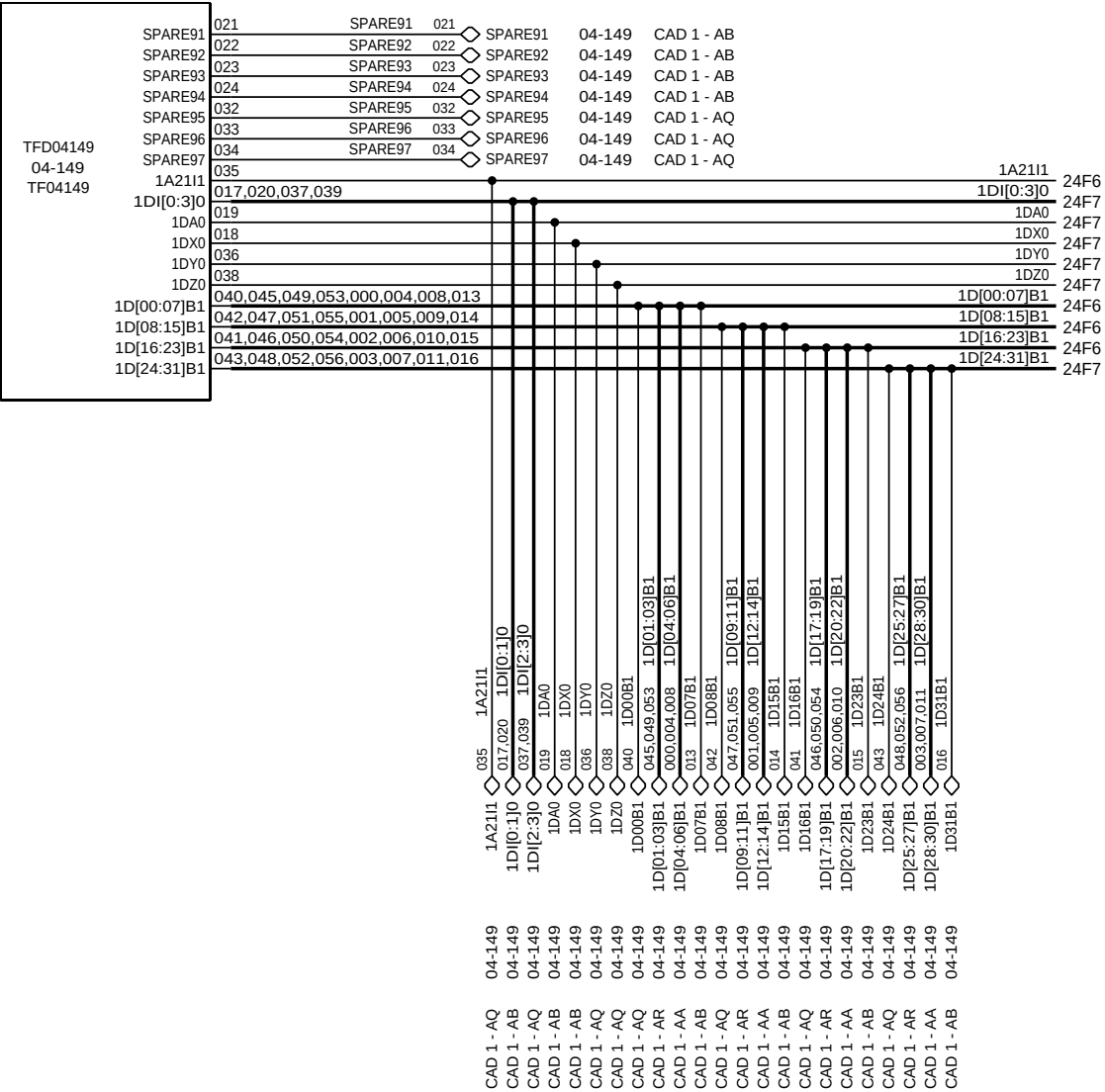


PART OF FS 2

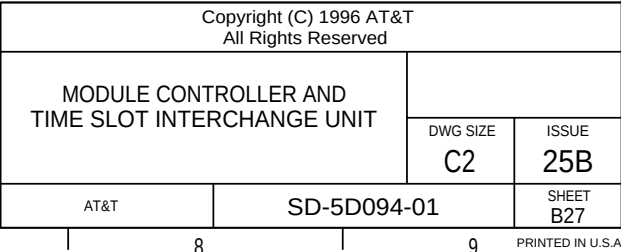
MCTU LOWER SHELF, SIDE 1



TFD04148	04-148	TF04148
000	GRD	000
001	GRD	001
002	GRD	002
003	GRD	003
004	GRD	004
005	GRD	005
006	GRD	006
007	GRD	007
008	GRD	008
009	GRD	009
010	GRD	010
011	GRD	011
012	GRD	012
013	GRD	013
014	GRD	014
015	GRD	015
016	GRD	016
017	GRD	017
018	GRD	018
019	GRD	019
020	GRD	020
021	GRD	021
022	GRD	022
023	GRD	023
024	GRD	024
032	GRD	032
033	GRD	033
034	GRD	034
035	GRD	035
036	GRD	036
037	GRD	037
038	GRD	038
039	GRD	039
040	GRD	040
041	GRD	041
042	GRD	042
043	GRD	043
044	GRD	044
045	GRD	045
046	GRD	046
047	GRD	047
048	GRD	048
049	GRD	049
050	GRD	050
051	GRD	051
052	GRD	052
053	GRD	053
054	GRD	054
055	GRD	055
056	GRD	056



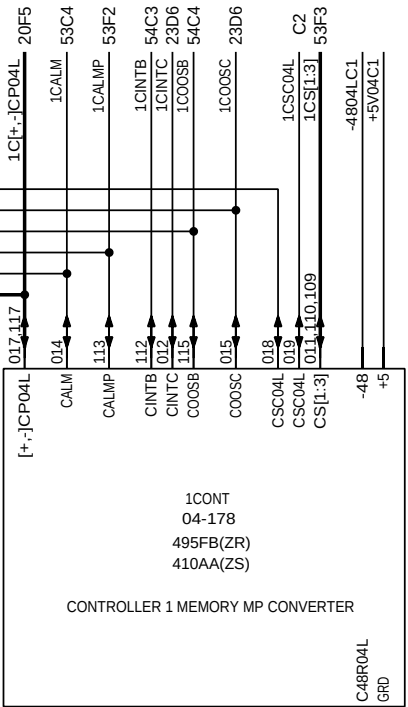
MCTU LOWER SHELF, SIDE 1



PART OF FS 2

MCTU LOWER SHELF, SIDE 1

CAD 2 - 01	04-178	1CSC04L	018	1CSC04L
CAD 2 - 01	04-178	1COOSC	015	1COOSC
CAD 2 - 01	04-178	1COOSB	115	1COOSB
CAD 2 - 01	04-178	1CALMP	113	1CALMP
CAD 2 - 01	04-178	1CALM	014	1CALM
CAD 2 - 01	04-178	1C[+,-]CPST	017,117	1C[+,-]CP04L



+5V04C1	045	+5VC1ST	04-178	CAD 2 - 05
	046	+5VC1ST	04-178	CAD 2 - 05
	047	+5VC1ST	04-178	CAD 2 - 05
	048	+5VC1ST	04-178	CAD 2 - 05
	049	+5VC1ST	04-178	CAD 2 - 05
	050	+5VC1ST	04-178	CAD 2 - 05
	051	+5VC1ST	04-178	CAD 2 - 05
	052	+5VC1ST	04-178	CAD 2 - 05
	053	+5VC1ST	04-178	CAD 2 - 05
	054	+5VC1ST	04-178	CAD 2 - 05
	055	+5VC1ST	04-178	CAD 2 - 05
	056	+5VC1ST	04-178	CAD 2 - 05
	118	+5VC1ST	04-178	CAD 2 - 01
	145	+5VC1ST	04-178	CAD 2 - 05
	146	+5VC1ST	04-178	CAD 2 - 05
	147	+5VC1ST	04-178	CAD 2 - 05
	148	+5VC1ST	04-178	CAD 2 - 05
	149	+5VC1ST	04-178	CAD 2 - 05
	150	+5VC1ST	04-178	CAD 2 - 05
	151	+5VC1ST	04-178	CAD 2 - 05
	152	+5VC1ST	04-178	CAD 2 - 05
	153	+5VC1ST	04-178	CAD 2 - 05
	154	+5VC1ST	04-178	CAD 2 - 05
	155	+5VC1ST	04-178	CAD 2 - 05
	156	+5VC1ST	04-178	CAD 2 - 05

GRD	032	GRD	04-178	CAD 2 - 03
	033	GRD	04-178	CAD 2 - 03
	034	GRD	04-178	CAD 2 - 03
	035	GRD	04-178	CAD 2 - 03
	036	GRD	04-178	CAD 2 - 03
	037	GRD	04-178	CAD 2 - 03
	038	GRD	04-178	CAD 2 - 03
	039	GRD	04-178	CAD 2 - 03
	040	GRD	04-178	CAD 2 - 03
	041	GRD	04-178	CAD 2 - 03
	042	GRD	04-178	CAD 2 - 03
	132	GRD	04-178	CAD 2 - 03
	133	GRD	04-178	CAD 2 - 03
	134	GRD	04-178	CAD 2 - 03
	135	GRD	04-178	CAD 2 - 03
	136	GRD	04-178	CAD 2 - 03
	137	GRD	04-178	CAD 2 - 03
	138	GRD	04-178	CAD 2 - 03
	139	GRD	04-178	CAD 2 - 03
	140	GRD	04-178	CAD 2 - 03
	141	GRD	04-178	CAD 2 - 03
	142	GRD	04-178	CAD 2 - 03
	143	GRD	04-178	CAD 2 - 03

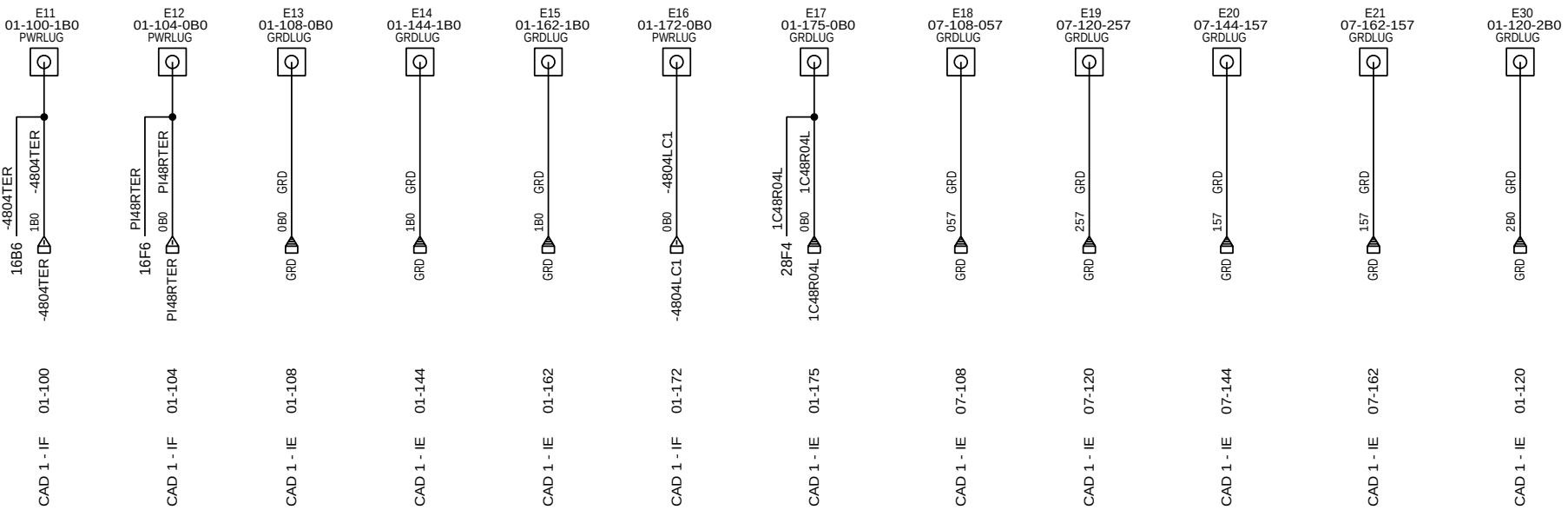
Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
	SHEET	B28

PRINTED IN U.S.A

PART OF FS 2

MCTU LOWER SHELF, SIDE 1

LUGS



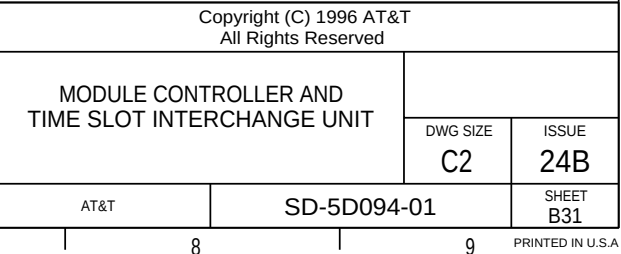
Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
		SHEET B29

PRINTED IN U.S.A

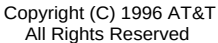
MCTU UPPER SHELF, SIDE 0



MCTU UPPER SHELF, SIDE 0



MCTU UPPER SHELF, SIDE 0



DWG SI
C2

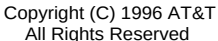
SHEET
B32

AT&T

SD-5D094-01

PRINTED IN U.S.A.

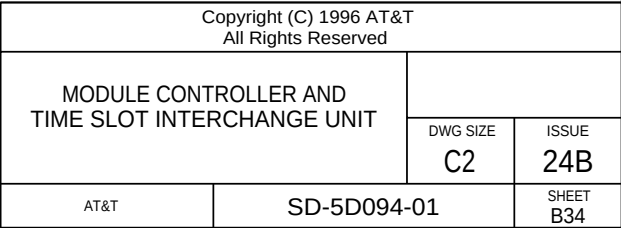
MCTU UPPER SHELF, SIDE 0



DWG SIZE
C2

PRINTED IN U.S.A.

MCTU UPPER SHELF, SIDE 0



MCTU UPPER SHELF, SIDE 0



PART OF FS 3

MCTU UPPER SHELF, SIDE 0

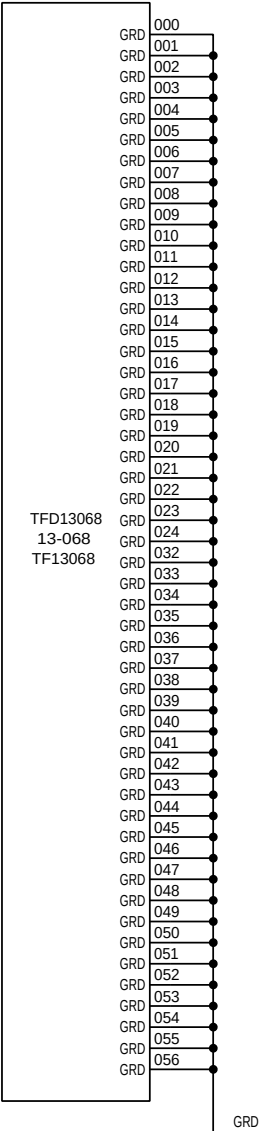
IOB[0:7]	034,035,036,037,038,040,041,042	IOB[0:7]	48B2
IOB[8:15]	043,044,045,047,048,049,050,051	IOB[8:15]	48B2
OC[+,-]CP13L	112,012	OC[+,-]CP13L	32F2
OSPB[0:9]	145,146,147,148,149,150,151,152,153,154	OSPB[0:9]	48B2
0SPNN0T	243	0SPNN0T	37C4
0SPNN1T	242	0SPNN1T	37C4
0SPNN2T	241	0SPNN2T	37C4
0SPNN3T	240	0SPNN3T	37C4
0SPPN0T	237	0SPPN0T	37C4
0SPPN1T	236	0SPPN1T	37C4
0SPPN2T	235	0SPPN2T	37C4
0SPPN3T	234	0SPPN3T	37C4
0SUAP	317	0SUAP	10G5
0SUA1Z	323	0SUA1Z	10G4
0SUA2	322	0SUA2	10G4
0SUA3	321	0SUA3	10G4
0SUA4	320	0SUA4	10G4
0SUA5	319	0SUA5	10G5
0SUA6	318	0SUA6	10G5
0SUDPH	347	0SUDPH	10B8
0SUDPL	335	0SUDPL	10B8
0SUD0Z	344	0SUD0Z	10B7
0SUD1Z	343	0SUD1Z	10B7
0SUD10Z	353	0SUD10Z	10B8
0SUD11Z	352	0SUD11Z	10B8
0SUD12	351	0SUD12	10B8
0SUD13	350	0SUD13	10B8
0SUD14	349	0SUD14	10B8
0SUD15	348	0SUD15	10B8
0SUD2	342	0SUD2	10B7
0SUD3	341	0SUD3	10B7
0SUD4	340	0SUD4	10B7
0SUD5	339	0SUD5	10B7
0SUD6	337	0SUD6	10B7
0SUD7	336	0SUD7	10B7
0SUD8	355	0SUD8	10B7
0SUD9	354	0SUD9	10B8
0SURD0	333	0SURD0	10G5
0SUWR0	345	0SUWR0	10G5
0SU5ERR0	315	0SU5ERR0	9C6, 37C5
0SU5S0	346	0SU5S0	10G4
0SU5WT0	334	0SU5WT0	10B5
0TSPNN0	250	0TSPNN0	37F6
0TSPNN1	249	0TSPNN1	37F6
0TSPNN2	248	0TSPNN2	37F6
0TSPNN3	247	0TSPNN3	37F6
0TSPPN0	255	0TSPPN0	37F6
0TSPPN1	254	0TSPPN1	37F6
0TSPPN2	253	0TSPPN2	37F6
0TSPPN3	251	0TSPPN3	37F6
0T6MSSP	023	0T6MSSP	37F6
0T8MHSP	123	0T8MHSP	37F6
1SPB0	134	1SPB0	48B5
1SPB1	135	1SPB1	48B5
1SPB2	136	1SPB2	48B5
1SPB3	137	1SPB3	48B5
1SPB4	138	1SPB4	48B5
1SPB5	139	1SPB5	48B5
1SPB6	140	1SPB6	48B5
1SPB7	141	1SPB7	48C5
1SPB8	142	1SPB8	48C5
1SPB9	143	1SPB9	48C5
+5V13LC0		+5V13LC0	
GRD		GRD	

GRD	000
GRD	001
GRD	002
GRD	003
GRD	004
GRD	005
GRD	006
GRD	007
GRD	008
GRD	009
GRD	010
GRD	011
GRD	012
GRD	013
GRD	014
GRD	015
GRD	016
GRD	017
GRD	018
GRD	019
GRD	020
GRD	021
GRD	022
TFD13060	023
13-060	024
TF13060	032
	033
	034
	035
	036
	037
	038
	039
	040
	041
	042
	043
	044
	045
	046
	047
	048
	049
	050
	051
	052
	053
	054
	055
	056
	GRD

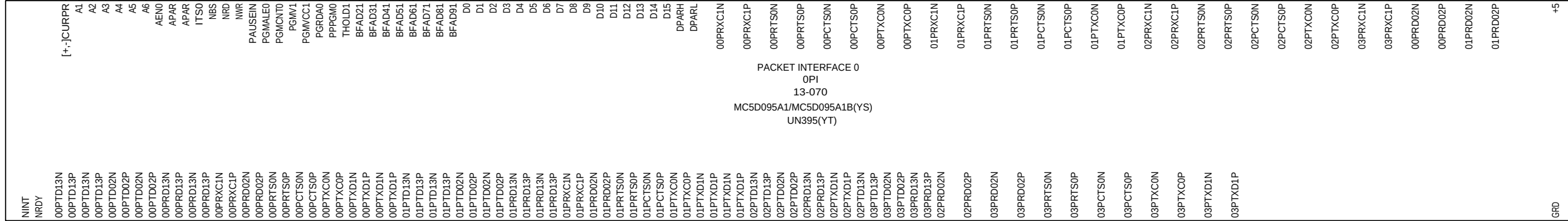
Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
	SHEET B36	

PRINTED IN U.S.A

MCTU UPPER SHELF, SIDE 0

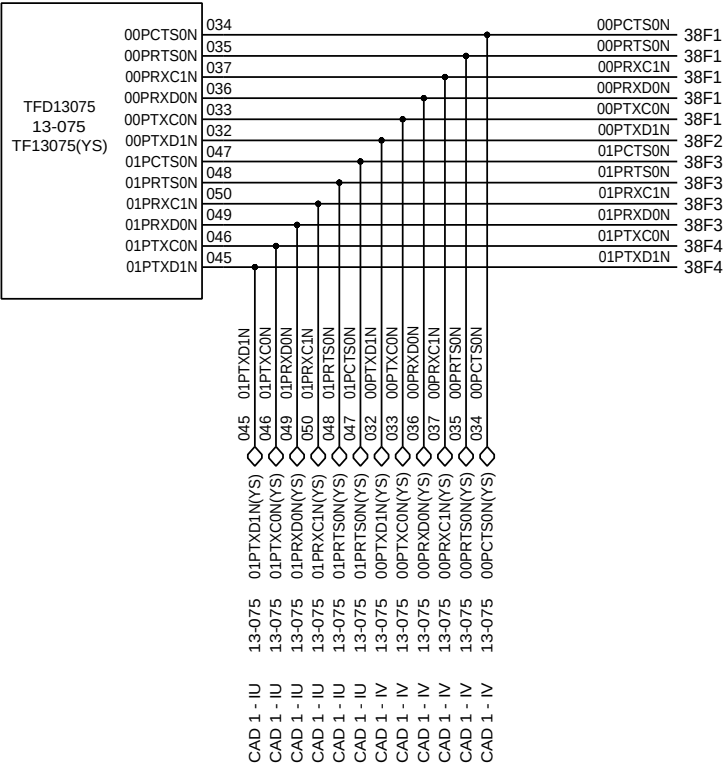
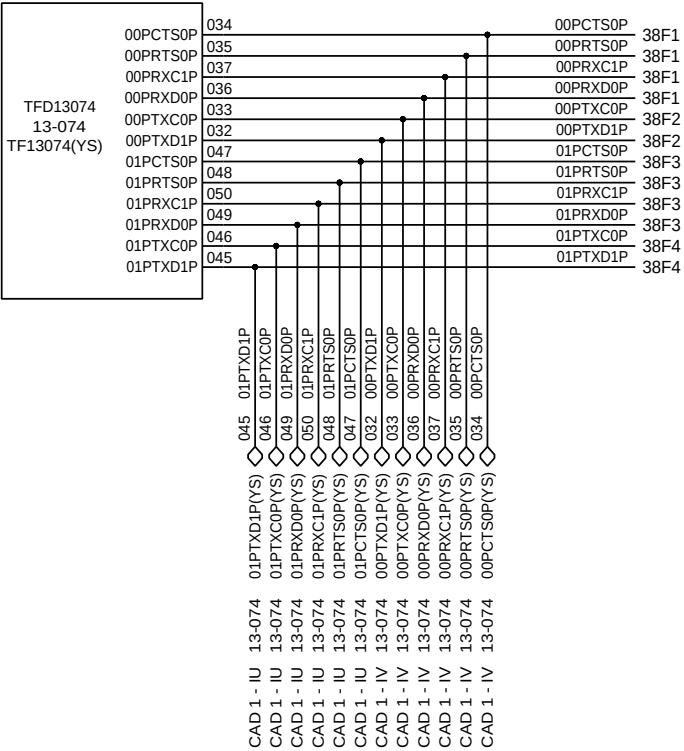


MCTU UPPER SHELF, SIDE 0

PRINTED IN U.S.A.

PART OF FS 3

MCTU UPPER SHELF, SIDE 0

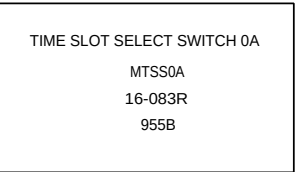
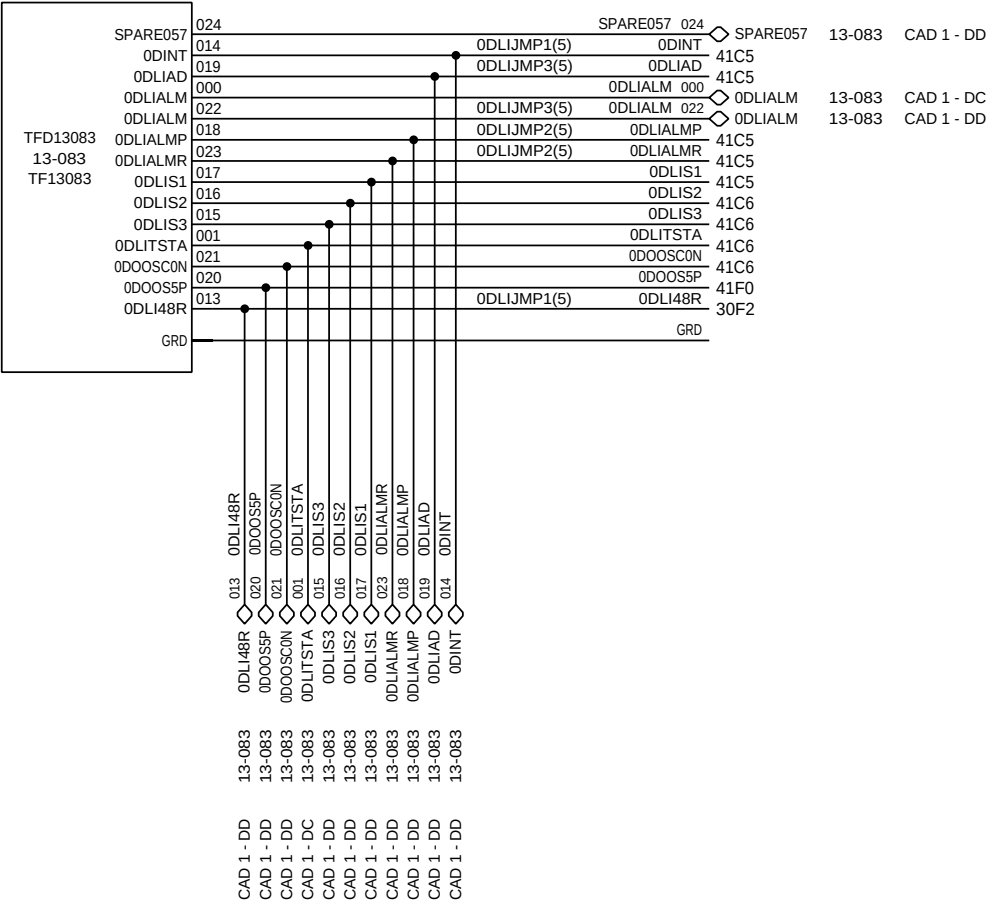
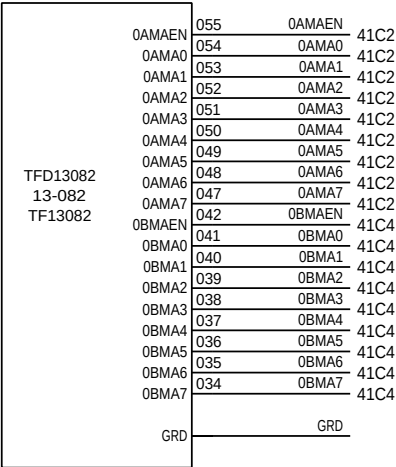
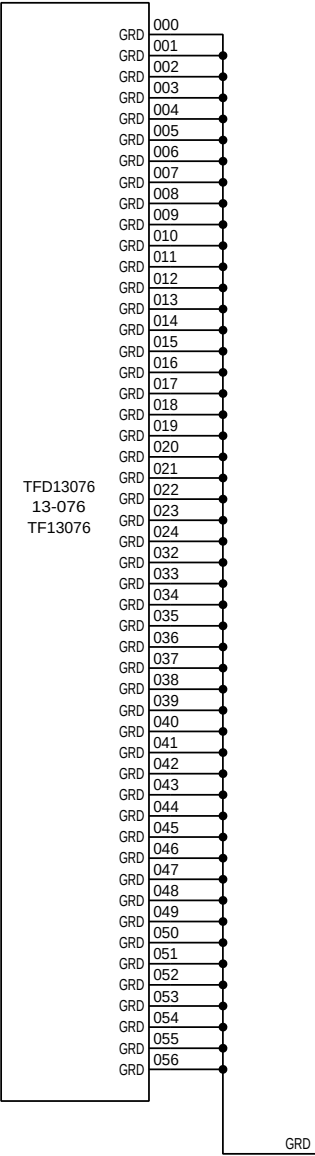


Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
	SHEET B39	

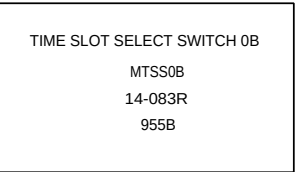
PRINTED IN U.S.A

PART OF FS 3

MCTU UPPER SHELF, SIDE 0



NOTE:
1. SEE NOTES 305 AND 306 FOR DLI SWITCH INTERCONNECTIONS



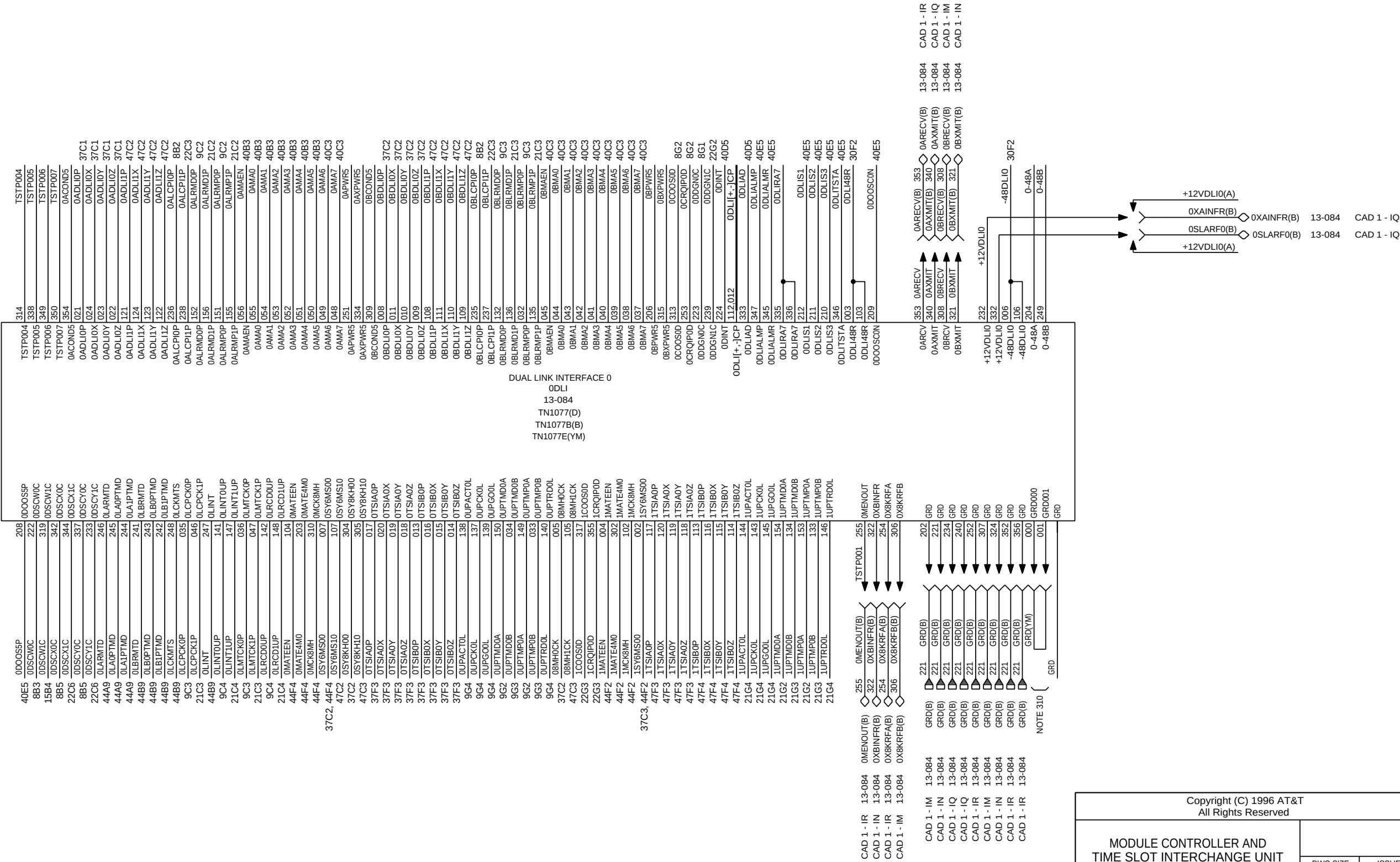
NOTE:
1. SEE NOTES 305 AND 306 FOR DLI SWITCH INTERCONNECTIONS

Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
	SHEET	B40

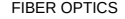
PRINTED IN U.S.A.

PART OF FS 3

MCTU UPPER SHELF, SIDE 0

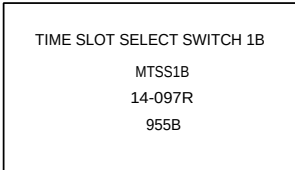
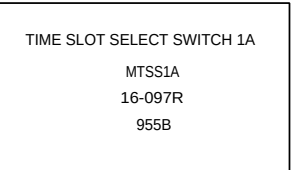
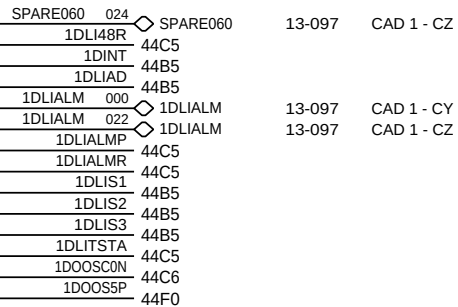
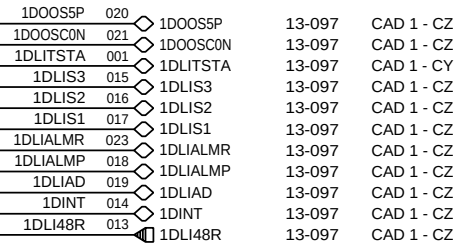
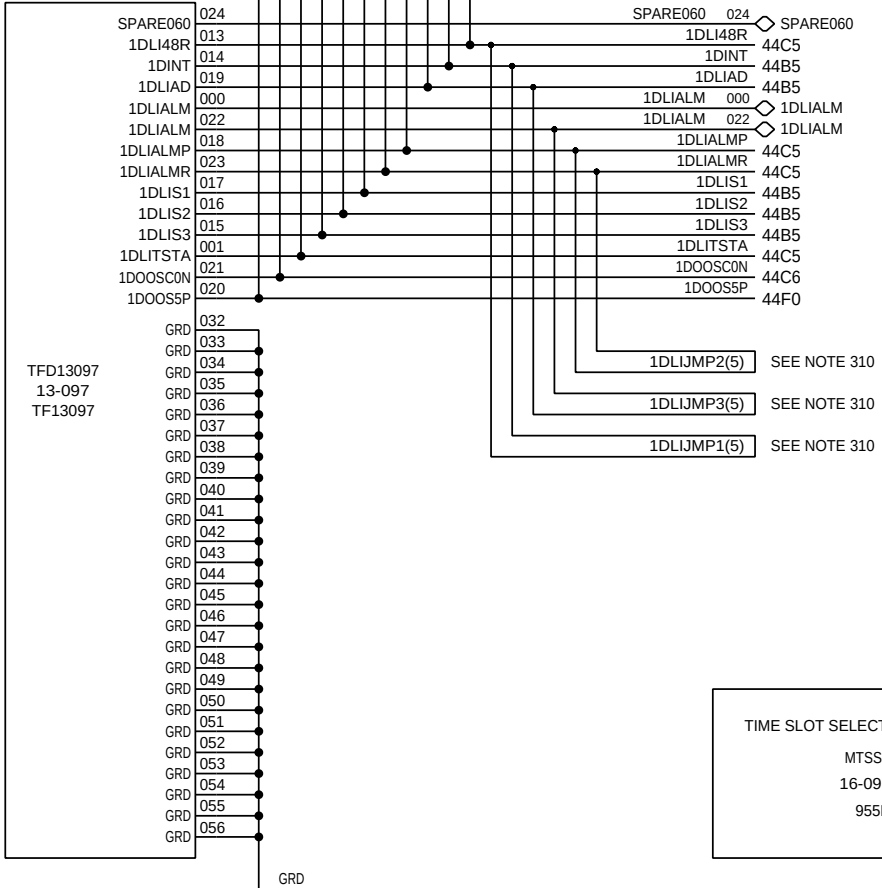
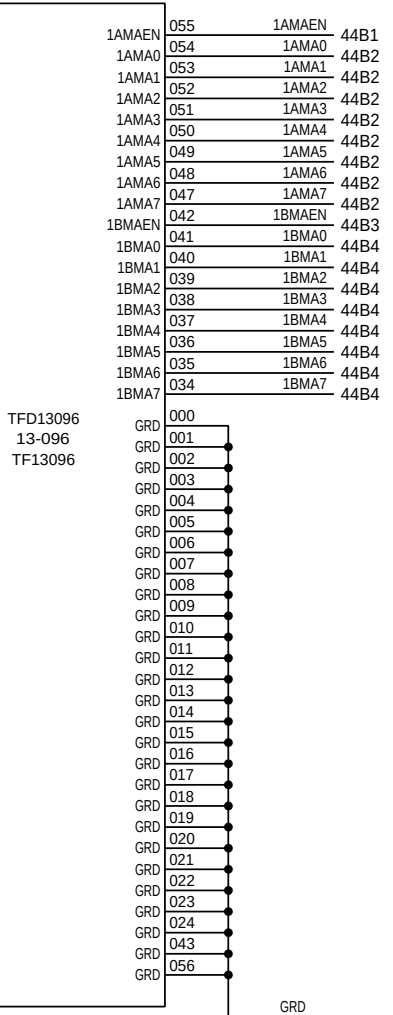
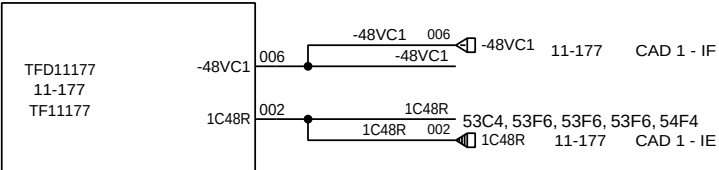
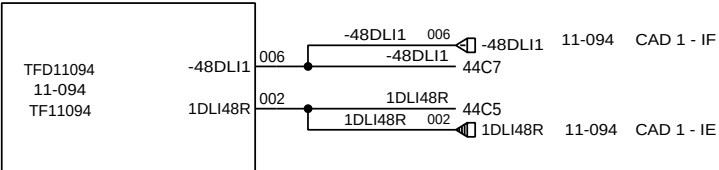


MCTU UPPER SHELF, SIDE 0



PART OF FS 4

MCTU UPPER SHELF, SIDE 1



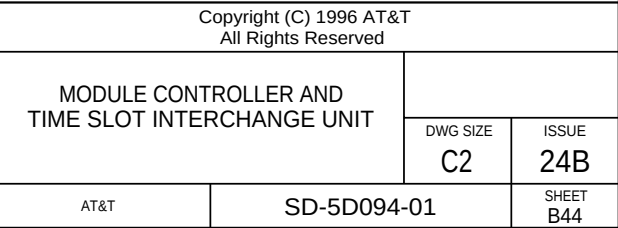
NOTE:
1. SEE NOTES 305 AND 306 FOR DLI SWITCH INTERCONNECTIONS

NOTE:
1. SEE NOTES 305 AND 306 FOR DLI SWITCH INTERCONNECTIONS

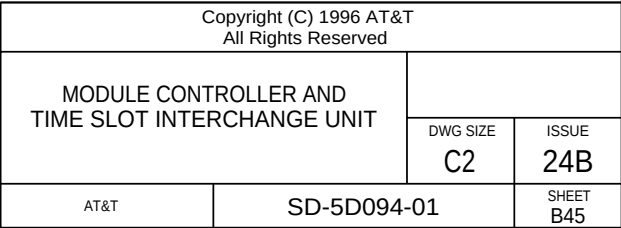
Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
		SHEET B43

PRINTED IN U.S.A

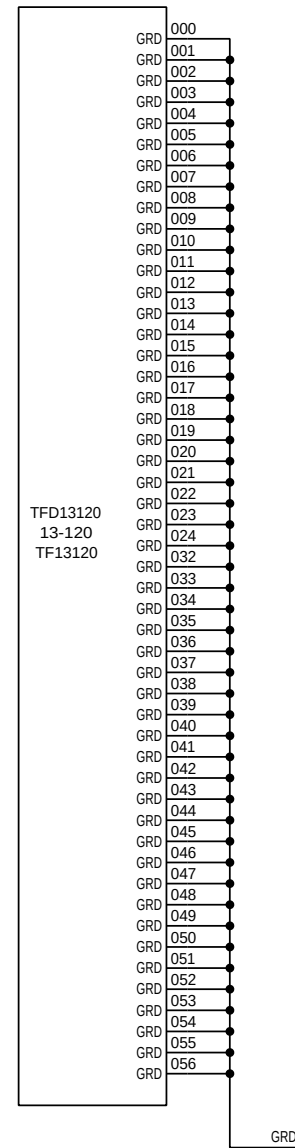
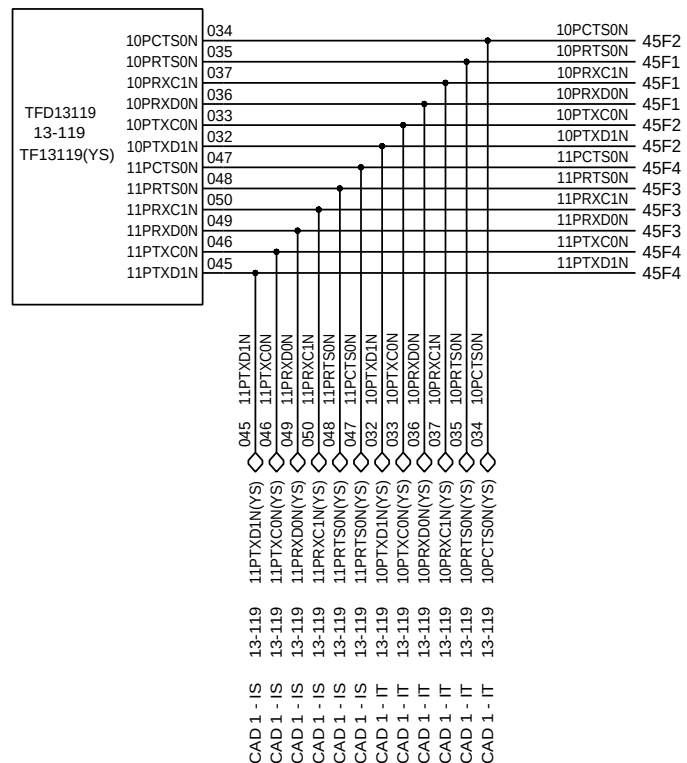
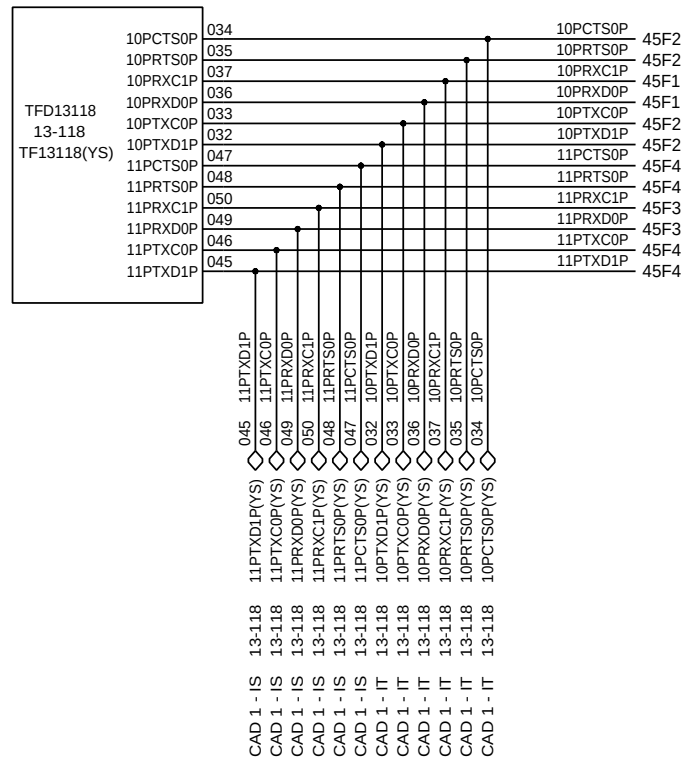
MCTU UPPER SHELF, SIDE 1



MCTU UPPER SHELF, SIDE 1

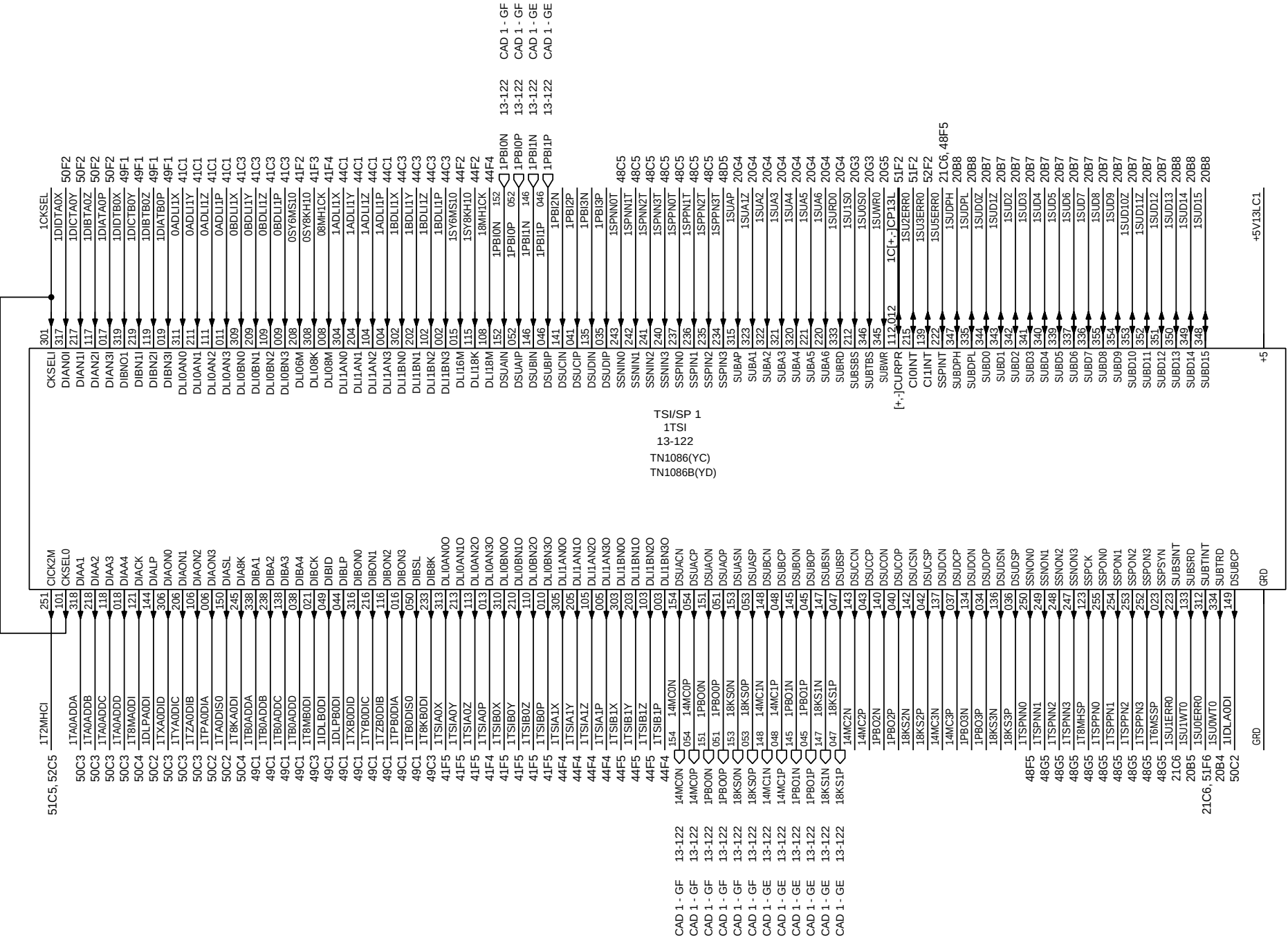


MCTU UPPER SHELF, SIDE 1



PART OF FS 4

MCTU UPPER SHELF, SIDE 1

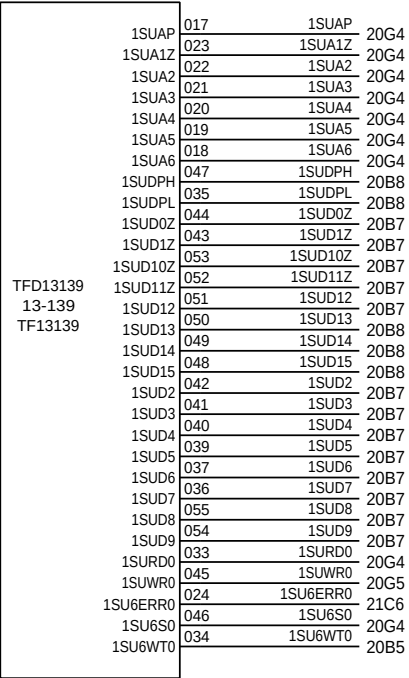
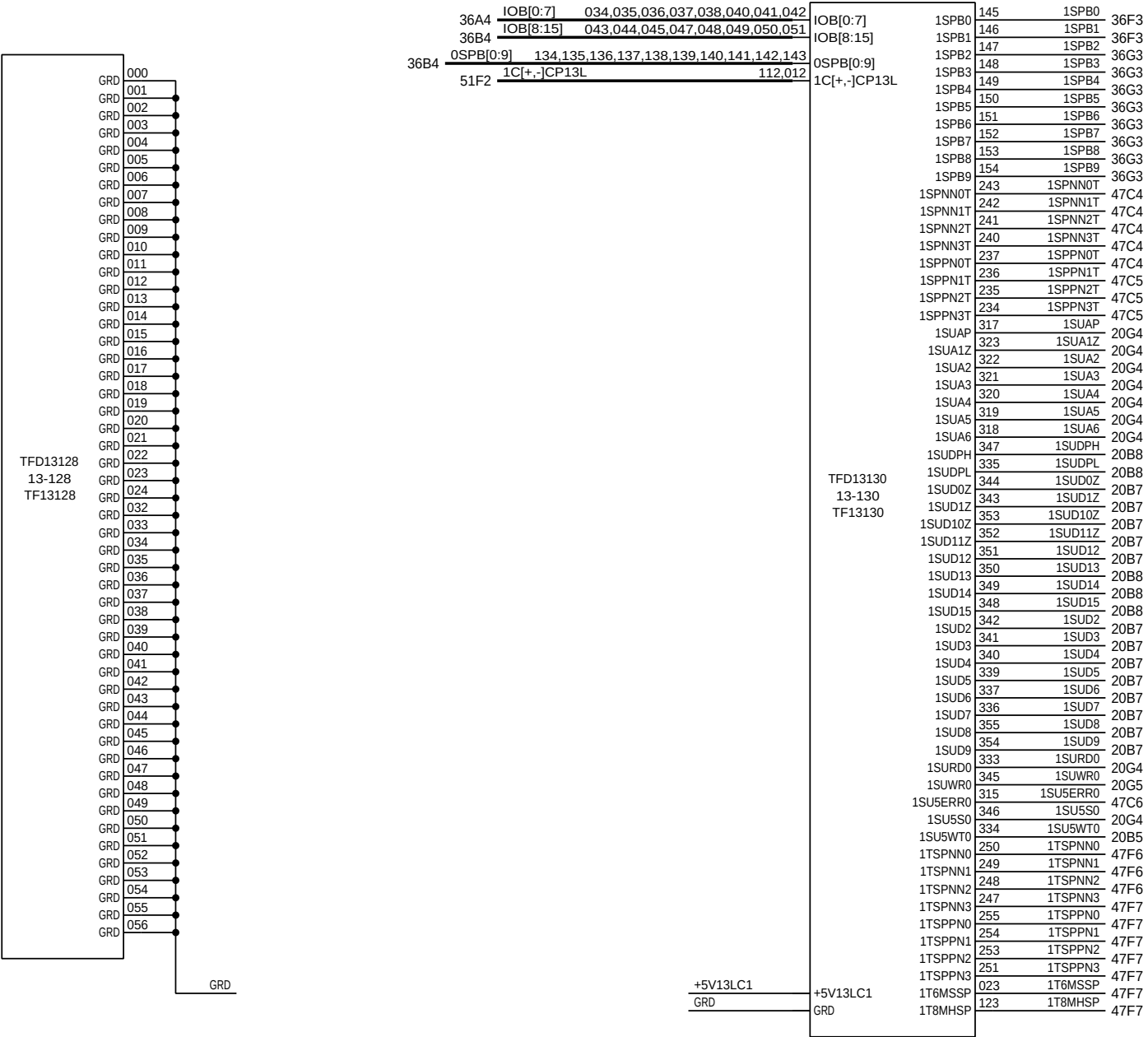


Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
	SHEET B47	

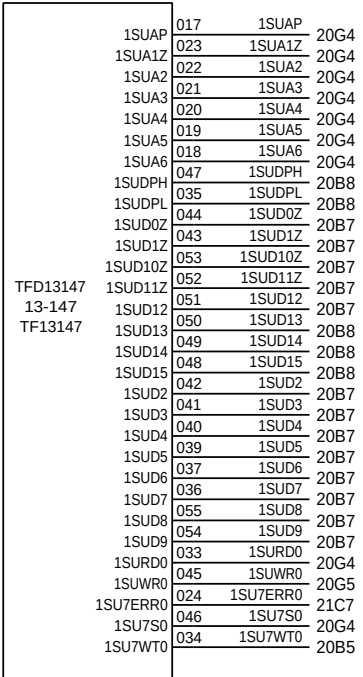
PRINTED IN U.S.A.

PART OF FS 4

MCTU UPPER SHELF, SIDE 1

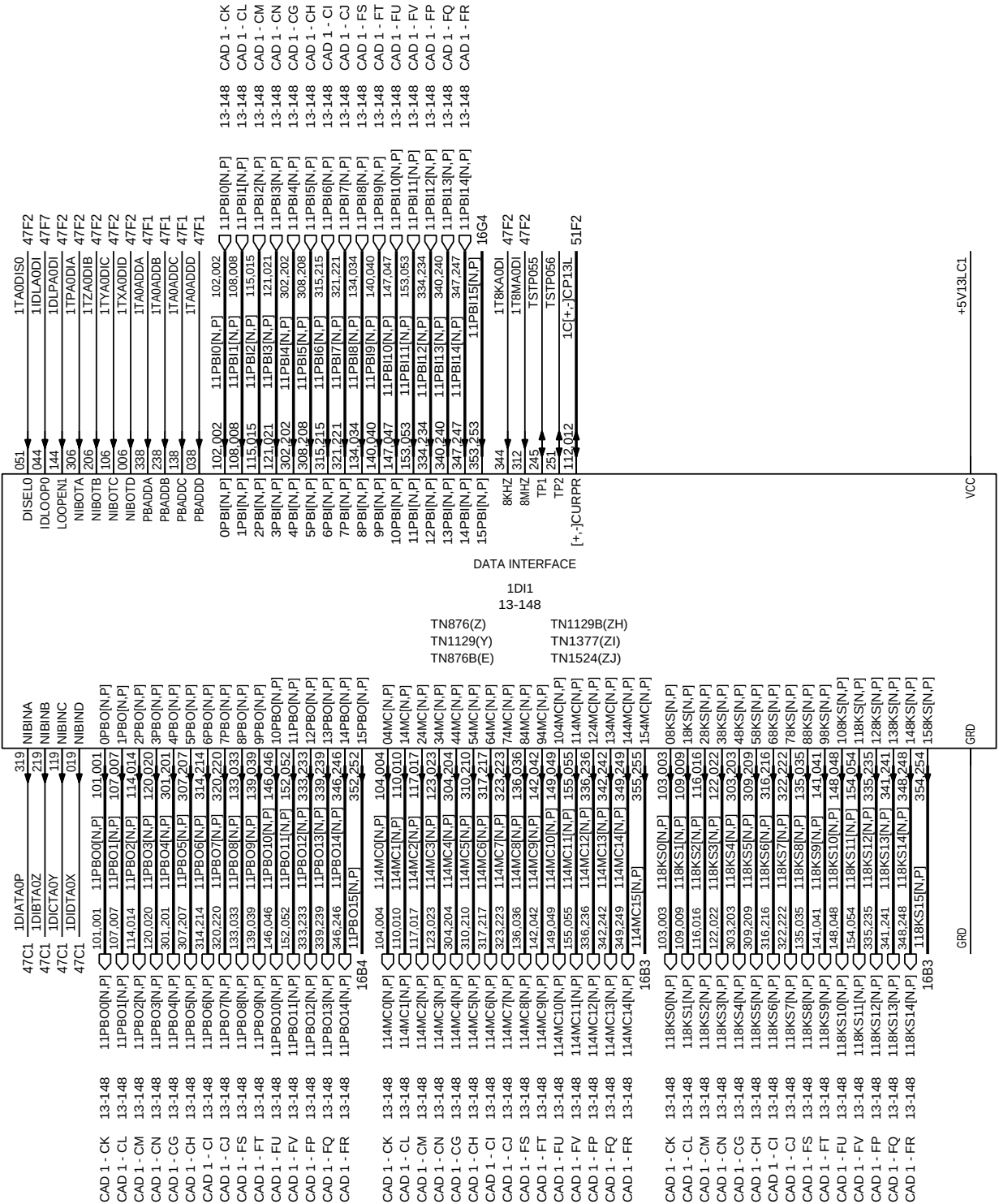


MCTU UPPER SHELF, SIDE 1



PART OF FS 4

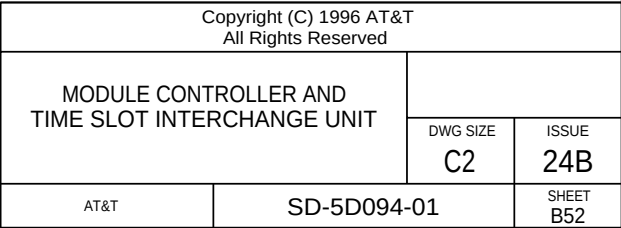
MCTU UPPER SHELF, SIDE 1



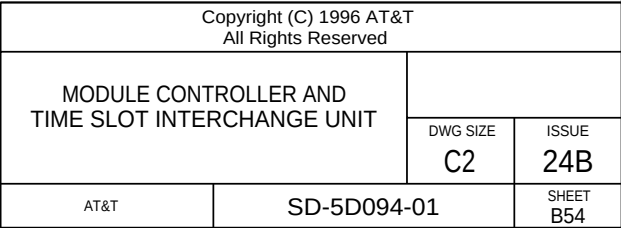
Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
		SHEET B50

PRINTED IN U.S.A.

MCTU UPPER SHELF, SIDE 1

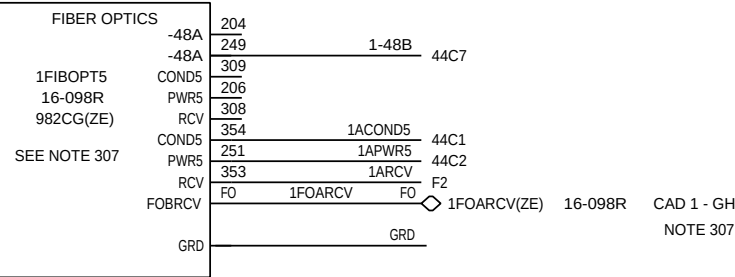
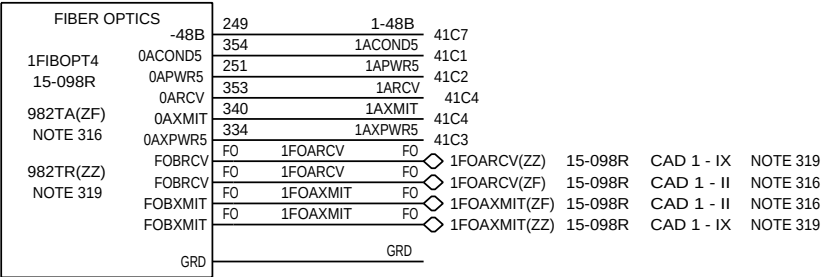
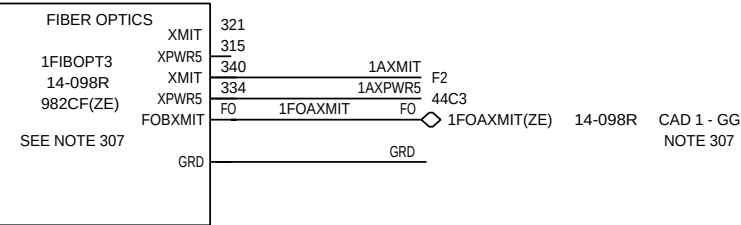
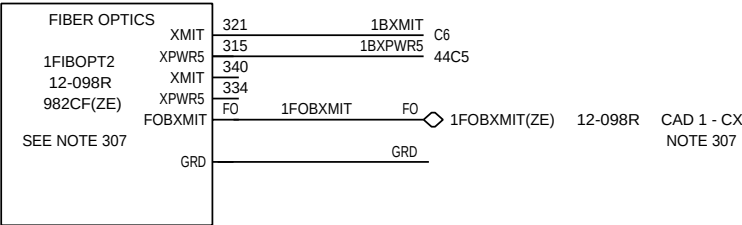
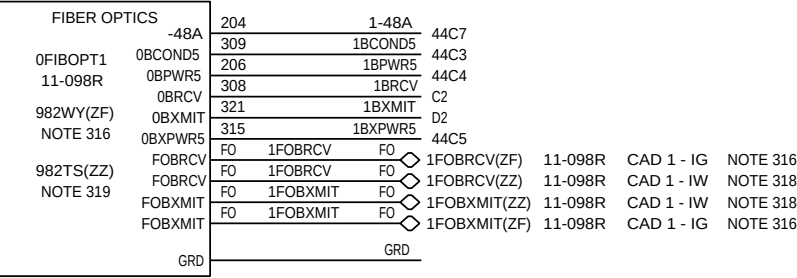
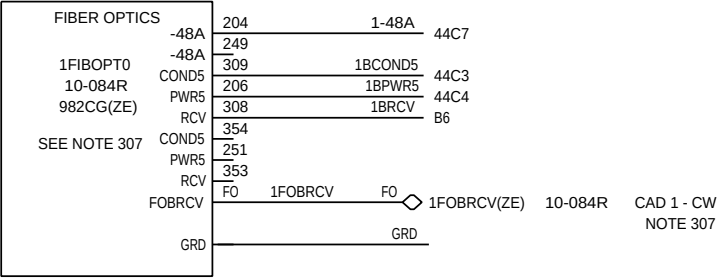


MCTU UPPER SHELF, SIDE 1



PART OF FS 4

MCTU UPPER SHELF, SIDE 1



Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	SHEET B55

APPARATUS FIGURES

EQL	04-016	04-022	04-028	04-034	04-040	04-046	04-052	04-058	04-064	04-070	04-076	04-100	04-108	04-114	04-120	04-126	04-132	04-138	04-144	04-150	04-156	04-162	04-178	EQL
APPARATUS FIGURE NUMBER	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	APPARATUS FIGURE NUMBER
1*																								1*
2	(ZR)495FB (ZS)410AA			TN56	TN56	TN56	(P)TN875B (N)TN875C	NOTE 315	(ZV)TN872 (ZW)TN1617	TN873	(R)TN871 (Q)TN871B	TN878	(R)TN871 (Q)TN871B	TN873	(ZV)TN872 (ZW)TN1617	NOTE 315	(P)TN875B (N)TN875C	TN56	TN56	TN56			(ZR)495FB (ZS)410AA	2
3																								3
4																								4
5																								5
6			TN56																		TN56			6
7		TN56																				TN56		7
8																								8
9																								9
10							(ZM)TN1527			(ZL)TN1533	(ZK)TN1397		(ZK)TN1397	(ZL)TN1533			(ZM)TN1527							10
11		(ZQ)TN2012	(ZP)TN2012	(ZQ)TN2012	(ZQ)TN2012	(ZO)TN2012												(ZO)TN2012	(ZO)TN2012	(ZO)TN2012	(ZP)TN2012	(ZQ)TN2012		11
12																								12
13							(YH)TN1408	NOTE 315			(YG)TN1407 YP)TN1407B		(YG)TN1407 YP)TN1407B			NOTE 315	(YH)TN1408							13
14		(XG) TN1409	(XG) TN1409	(XG) TN1409																(XG) TN1409	(XG) TN1409	(XG) TN1409		14
15							(XC) TN1408B	NOTE 315		(XC) TN1416		(XC) TN1418		(XC) TN1416		NOTE 315	(XC) TN1408B							15
16		(XE) TN1419	(XE) TN1419	(XE) TN1419	(XE) TN1409	(XE) TN1409	(XE) TN1408B	NOTE 315		(XE) TN1416	(XE)TN1407B OR (YG)TN1407	(XE) TN1418	(XE)TN1407B OR (YG)TN1407	(XE) TN1416		NOTE 315	(XE) TN1408B	(XE) TN1409	(XE) TN1409	(XE) TN1419	(XE) TN1419	(XE) TN1419		16
17	410AA (ZS)	-	-	-	-	-	TN1527 (ZM) TN1408 (YH)	NOTE 315 TN874B (YS)		TN1533 (ZL)	TN1423 (ZL)	TN878	TN1423 (ZL)	TN1533 (ZL)		NOTE 315 TN874B (YJ)	TN1527 (ZM) TN1408 (YH)	-	-	-	-	-	410AA (ZS)	17
18	410AA (ZS)	NOTE 324	NOTE 324	NOTE 324	NOTE 324	NOTE 324	TN1408 (YH) TN1408B (XR)	NOTE 315 TN874B (XN)		TN1533 (ZL)	TN1426 (XM)	TN1418 (XM) (XR)	TN1426 (XM)	TN1533 (ZL)		NOTE 315 TN874B (XN)	TN1408 (YH) TN1408B (XR)	NOTE 324	NOTE 324	NOTE 324	NOTE 324	NOTE 324	410AA (ZS)	18

* WIRING AS PER FS 1-4

Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	26B
AT&T	SD-5D094-01	
	SHEET	C1

APPARATUS FIGURES
(CONT)

EQL	13-008	13-016	13-022	13-030	13-040	13-048	13-062	13-070	13-084	13-098	13-114	13-122	13-140	13-148	13-154	13-162	13-172	13-180						EQL
APPARATUS FIGURE NUMBER	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	APPARATUS FIGURE NUMBER
1*																								1*
2	(ZR)495RA	(YN)SN516 (YQ)SN516B		UN71B	(Z)TN876 (Y)TN1129 (E)TN876B (ZH)TN1129B (ZI)TN1377 (ZJ)TN1524	(Z)TN876 (Y)TN1129 (E)TN876B (ZH)TN1129B (ZI)TN1377 (ZJ)TN1524	(YC)TN1086 (YD)TN1086B		(D)TN1077 (B)TN1077B (YM)TN1077E	(D)TN1077 (B)TN1077B (YM)TN1077E		(YC)TN1086 (YD)TN1086B	(Z)TN876 (Y)TN1129 (E)TN876B (ZH)TN1129B (ZI)TN1377 (ZJ)TN1524	(Z)TN876 (Y)TN1129 (E)TN876B (ZH)TN1129B (ZI)TN1377 (ZJ)TN1524	UN71B		(YN)SN516 (YQ)SN516B	(ZR)494RA						2
3																								3
4			UN71B													UN71B								4
5																								5
6																								6
7																								7
8																								8
9								SEE NOTE 1			SEE NOTE 2													9
10																								10
11																								11
12																								12
13																								13

* WIRING AS PER FS 1-4.

NOTES:

1. (YS)MC5D095A1
(YS)MC5D095A1B
(YT)UN395
2. (YS)MC5D095A1
(YS)MC5D095A1B
(YT)UN395

Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
	SHEET	C2

APPARATUS FIGURES
(CONT)

EQL	05-057R	05-131R	10-084R	10-098R	11-084R	11-098R	12-083R	12-084R	12-098R	14-083R	14-084R	14-097R	14-098R	15-084R	15-098R	16-083R	16-084R	16-097R	16-098R					EQL
APPARATUS FIGURE NUMBER	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	CODE	APPARATUS FIGURE NUMBER
1*																								1*
2			(ZE)982CG	(ZE)982CG	(ZZ)982TS (ZF)982WY	(ZZ)982TS (ZF)982WY		(ZE)982CF	(ZE)982CF		(ZE)982CF		(ZE)982CF	(ZZ)982TR (ZF)982TA	(ZZ)982TR (ZF)982TA		(ZE)982CG		(ZE)982CG					1*
3										955B		955B				955B		955B						3
4																								4
5							982JJ																	5
6																								6
7																								7
8	982JJ	982JJ																						8
9																								9
10																								10
11																								11
12																								12
13																								13

* WIRING AS PER FS 1-4.

Copyright (C) 1996 AT&T
All Rights Reserved

MODULE CONTROLLER AND
TIME SLOT INTERCHANGE UNIT

DWG SIZE
C2

ISSUE
24B

SHEET
C3

AT&T

SD-5D094-01

CIRCUIT NOTES:
101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
-4804 LC0	70D 5A	-48V	SMP SERVICE GROUP (TOTAL 2)
-4804 LC1			
-48VC0 -48VC1	70D 5A	-48V	TSI SERVICE GROUP (TOTAL 2)
-4804 TER	70B 2A	-48V	BOOTSTRAPPER (TOTAL 1)
-48DLI0 -48DLI1	70D 5A	-48V	DLI SERVICE GROUP (TOTAL 2)
<u>BATTERY SYMBOL</u>		<u>VOLTAGE RANGE</u>	
-48		-42.75 TO -52.50	

Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT		
	DWG SIZE C2	ISSUE 24B
AT&T	SD-5D094-01	SHEET D1

PRINTED IN U.S.A

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.
202. EQUIPMENT LOCATION 04-090 IS RESERVED FOR THE TN849 FIELD TEST BINTER BOARD. (TEST ACCESS)
203. EQUIPMENT LOCATION 04-082 IS RESERVED FOR THE TN319 SOFTWARE TEST SYSTEM BOARD. (TEST ACCESS)

204.

APPARATUS CODE	CIRCUIT PACK REMOVAL PROCEDURES		
	PULL "HOT"	REMOVE UNIT POWER	SEQUENCED
SN516	NO	PER SERVICE GROUP SN516 SWITCHED TO OFF	
SN516B			
TN56			
TN871			
TN871B			
TN872			
TN873			
TN874			
TN874B			
TN875B			
TN875C			
TN876			
TN876B			
TN1407B			
TN1408B			
TN1409			
TN1416			
TN1417			
TN1418	YES		
TN1419	NO	PER SERVICE GROUP SN516 SWITCHED TO OFF	
TN2012			
TN878	YES		
TN1077	NO	PER SERVICE GROUP TN1077 SWITCHED TO OFF	
TN1077B	NO	PER SERVICE GROUP TN1077B SWITCHED TO OFF	
TN1077E	NO	PER SERVICE GROUP SN516 SWITCHED TO OFF	
TN1086			
TN1129			
TN1129B			
TN1377			
TN1524			
UN71B			
494RA			
494FB			
TN1397			
TN1527			
TN1533			
TN2012			
TN1042			
UN395			
TN1042B			
TN1423			
TN1426			

Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	26B
AT&T	SD-5D094-01	
	SHEET D2	

0

1

2

3

4

5

6

7

8

9

INFORMATION NOTES:

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

302.

FEATURE OR OPTION

APP
FIG

APP
OR
WRG

QUANTITY

REQUIRED FOR SPEED UP
(SEE NOTE 317)

30 CHANNEL MMRSM

RSM WIRING
(NOTE 314)

5A ALARM
PANEL
ALARM STATUS
UNIT

WIRING REMOVED FOR ALL
5E3 OR LATER REQUIRED
FOR ORM

WIRING REMOVED FOR
EMA EXTENDED MEMORY
ADDRESS

WIRING ADDED FOR
EMA EXTENDED MEMORY
ADDRESS

WIRING ADDED FOR SMP23 FEATURE

WIRING REMOVED FOR SMP23 FEATURE

UNIT

494RA & 495FB
410AA

-LAW

PSU,
ISLU
INTERFACE
TN876B

PSU,ISLU
DCLU-5
INTERFACE
TN1524

TN1129

A-LAW

PSU,ISLU
INTERFACE
TN1129B

PSU,ISLU
DCLU-5
INTERFACE
TN1524

FOR TRM
(982TA & 982WY)

FOR HSM, LSM OR RSM
ODL40 TYPE
(982CF & 982CG)

FOR HSM, LSM OR RSM
ODL50 TYPE
(982TR & 982TS)

STANDARD
(TN1077)

FOR ORM OR TRM
(TN1077B)

APPARATUS REQUIRED
FOR 5E2(1) GENERIC
OFFICES.
MC5D053A1 (TN874)

APPARATUS REQUIRED
FOR 5E2(1) GENERIC
MULTI-MODULE RSM'S
MC5D053A1B(TN874B)

APPARATUS REQUIRED
FOR 5E2(2) GENERIC
MULTI-MODULE RSM'S
MC5D080A1B(TN874B)

1

A

1
PER
CKT

2

ZE

1
PER
CKT

2

ZF

1
PER
CKT

2

ZE

1
PER
CKT

2

ZZ

1
PER
CKT

2

D

1
PER
CKT

2

B

1
PER
CKT

2

X

1
PER
CKT

2

W

1
PER
CKT

2

V

1
PER
CKT

FEATURE OR OPTION

APP
FIG

APP
OR
WRG

QUANTITY

BASIC UNIT EQUIPAGE (CONT)

APPARATUS REQUIRED
FOR 5E2(2) GENERIC
OFFICES.
MC5D080A1(TN874)

APPARATUS REQUIRED
FOR 5EE1(2) GENERIC
OFFICES.
MC5X246A1(TN874)

APPARATUS REQUIRED
FOR 5EE1(2) GENERIC
MULTI-MODULE RSM'S
MC5X246A1B(TN847B)

APPARATUS REQUIRED
FOR 5EE1 (2)
GENERIC OFFICES.
MC5X248A1(TN874)

APPARATUS REQUIRED
FOR ALL INTER-
NATIONAL OFFICES.
GENERIC ISSUE
5EE1(2) 2.
MC5X248A1B(TN874B)
TO INCLUDE ALL RSM
OFFICES.

APPARATUS REQUIRED
FOR 5E3 GENERIC NON
RSM, RSM HOST, OF
SINGLE MODULE RSM
OFFICES.
MC5D113A1(TN874)

APPARATUS REQUIRED
FOR 5E3 GENERIC
MULTI-MODULE RSM
OFFICES AND ALL NEW
OFFICES.
MC5D113A1B(TN874B)

APPARATUS REQUIRED
FOR ALL 5EE1(3)
GENERIC OFFICES.
MC5X260A1B(TN874B)

APPARATUS REQUIRED
FOR 5EE2 GENERIC
OFFICES.
MC5X261A1B(TN874B)

APPARATUS REQUIRED
FOR 5EE2 GENERIC
OFFICES.
MC5X265A1B(TN874B)

APPARATUS REQUIRED
FOR 5EE3 GENERIC
OFFICES.
MC5X275A1B(TN874B)

APPARATUS REQUIRED
FOR 5E4(2) GENERIC
OFFICES.
MC5D132A1B(TN874B)

U

T

S

G

F

2

ZA

ZB

ZC

ZG

ZU

ZX

ZY

1

1

1

1

1

1

1

1

1

1

1

1

1

FEATURE OR OPTION

APP
FIG

APP
OR
WRG

QUANTITY

MICRO-
PROCESSOR
COMPLEX
ROM/RAM
CIRCUITRY
(CONT)

APPARATUS REQUIRED
FOR ALL 5E5 GENERIC
OFFICES.
MC5D153A1B(TN874B)

APPARATUS REQUIRED
FOR ALL 5EE3(2)
GENERIC OFFICES
MC5X281A1B(TN874B)

STANDARD SM'S TN872

REQUIRED FOR LOADED
SM'S 5E4(2)
OR LATER TN1617

TN871

TN871B (SEE NOTE
317) REQUIRED FOR
SPEED-UP

TN875B

TN875C (SEE NOTE
317) REQUIRED FOR
SPEED-UP

DLI TIME SLOT SELECTION SWITCHES
(9558). (SEE NOTES 305 & 306)

ADDITIONAL PERIPHERAL PORTS (UN71)

DLI C/D SHORTING BERG (982JJ)
(SEE NOTE 310)

ADDITIONAL MEMORY. 2 MBYTES PER
CONTROLLER

MEU C/D SHORTING BERG (982JJ)
(SEE NOTE 311)

PACKET INTERFACE
(SEE NOTE 320)

MC5D095A1(PI)
(TN1042)

UN395 (PI2)

EXTENDED MEMORY
ADDRESS FEATURE (EMA)

SMP CORE (TN1397)

CORE SUPPORT (TN1533)

DYNAMIC MEMORY
CONTROLLER (TN1527)

4 MBYTE MEMORY (TN2012)

BASIC 12 MBYTE

UP TO 16 MBYTE

UP TO 20 MBYTE

APPARATUS REQUIRED FOR ALL RSM'S NOT
EQUIPPED WITH OPTION ZS. 8982LY (SEE
NOTE 318)

SMP23 FEATURE

SMP CORE (TN1407B)

SMP CORE (TN1407)

DYNAMIC MEMORY
CONTROLLER (TN1408)

MICROPROCESSOR RAM/ROM
(TN874B)

WIRES REMOVED FOR
SMP23 FEATURE

WIRES ADDED FOR
SMP23 FEATURE

AUTO POWER RECOVERY FEATURE

DLI (TN1077E)

CONTROL & DISPLAY (SN516B)

CONTROL & DISPLAY (SN516)

YA

YB

ZV

ZW

R

Q

P

N

3

4

5

6

7

8

9

YS

YT

10

ZK

ZL

ZM

11

ZO

ZP

ZQ

12

13

YP

YG

YH

YJ

XH

XB

2

YM

YQ

YN

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

INFORMATION NOTES: (CONT)

302. (CONT)

FEATURE OR OPTION		PROVIDE		
		APP FIG	APP OR WRG	QUANTITY
SMP 23 CDM WITHOUT EC		17	XL	1 PER CKT
TN1423				
04-076, 04-108				
SMP 23 CDMC WITH EC (EXTERNAL CACHE)		18	XM	1 PER CKT
TN1426				
04-076, 04-108				
TN1418				
04-100				
WIRE ADDS				
SMP 23 CDMC FROM SMP12 WITH MEU		18	XR	1 PER CKT
TN1418				
04-100				
TN1426				
04-076, 04-108				
TN1408B				
04-052, 04-132				
WIRE ADDS			XP	

Copyright (C) 1996 AT&T
All Rights Reserved

MODULE CONTROLLER AND
TIME SLOT INTERCHANGE UNIT

DWG SIZE
C2

ISSUE
26B

AT&T

SD-5D094-01

SHEET
D3A

PRINTED IN U.S.A

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		
				STD	A & M	MD
4B	X OR W	X	315	X OR W		
4B	V OR U	V	315	V OR U		
4B	T OR S	NONE	315	T OR S		
4B	R OR Q	R	317	R OR Q		
4B	P OR N	P	317	P OR N		
4B	M	NONE	312 317	M		
4B	J OR K	J	314	J OR K		
5AC	F OR G	NONE	315	F OR G		
6B	E	Z,Y		E		
6B	B,D	D		B,D		
6B		ZA	315	ZA		
6B		ZB	315	ZB		
6B		ZC	315	ZC		
7AC				A		
8AC					G	
9AC		ZD		ZD		
10B		ZE	307	ZE		
10B		ZF	316	ZF		
10B		ZG	315	ZG		
11D		ZH		ZH		
12AC						E
12AC						ZH
12AC		ZI		ZI		
12AC		ZJ		ZJ		
				AVAIL	DA	
13B		ZK		ZK		
13B		ZL		ZL		
13B		ZM		ZM		
15M		ZN		ZN		
13B		ZO		ZO		
13B		ZP		ZP		
13B		ZQ		ZQ		
16B		ZR		ZR		
16B		ZS		ZS		
16B		ZT		ZT		
17A		ZG			ZG	
17A		ZU		ZU		
18B		ZV		ZV		
18B		ZW		ZW		
18B		ZX		ZX		
18B		ZY		ZY		
19A		12		12		
20M		ZZ	319	ZZ		
21B		YA		YA		
22B		YB		YB		
23B	YK	YL		YK,YL		
24B	YM	YN		YM,YN		
24B	YG,YP	YG		YG	YG	
24B		YN		YQ	YN	
24B		YS	313	YS		
24B		YT	322	YT		
24B		YU	321	YU		
24B		YW	322	YW		
24B		YX	322	YX		
24B		YZ	322	YZ		
25B		XA		XA		
25B		XB		XB		
25B		XC		XC		
25B		XD		XD		
25B		XE		XE		
25B		XF		XF		
25B		XG		XG		
25B		XH		XH		
25B		XJ		XJ		
25B		XK		XK		
26B		XL		XL		
26B		XM		XM		
26B		XP		XP		
26B		XR		XR		

INFORMATION NOTES: (CONT)

304. UNASSIGNED

305. DLI TIME SLOT SELECTION SWITCH

INFORMATION CONCERNING THE SETTING OF CONTROL TIME SLOTS FOR A PARTICULAR SM CAN BE DETERMINED THROUGH "RECENT CHANGE". IN THIS ENVIRONMENT A MENU WILL BE GIVEN THAT WILL ALLOW ACCESS TO "EQUIPMENT MODULE". CHOOSING THIS ITEM WILL PRODUCE ANOTHER MENU ALLOWING ACCESS TO INFORMATION CONCERNING ANY SM FOR THAT OFFICE. SPECIFYING THE SM WILL SHOW EVEN AND ODD CONTROL TIME SLOT SETTINGS FOR THAT SM. REFER TO NOTE 306 FOR EXCEPTIONS.

306. EXCEPTIONS TO NOTE 305

1. MINIMALLY CONFIGURED RSMS: (TWO OR THREE T1 LINES)

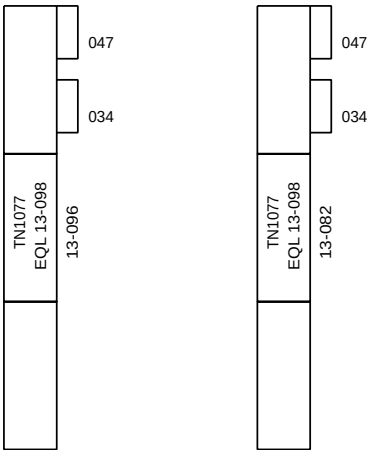
IN THIS APPLICATION THE TIME SLOT SWITCHES ARE NOT REMOVED FROM THE BACKPLANE. THIS WILL ALLOW FORCED SELECTION OF THE MESSAGE TIME SLOT. THE MESSAGE TIME SLOT FOR THIS CONFIGURATION WILL BE TIME SLOT ZERO ON ALL FOUR SWITCHES.

2. INTERFACE MODULES USED IN RSM (REMOTE SWITCHING MODULES):

IN THIS APPLICATION THE TIME SLOT SELECT SWITCHES ARE REMOVED FROM THE BACKPLANE. THIS WILL REMOVE THE FOLLOWING SIGNALS FROM BEING GROUNDED BY THE BERG SWITCHES AND ENABLE THE MESSAGE TIME SLOT NUMBER TO BE PROGRAMMED BY THE MODULE CONTROLLER.

SIGNAL NAME	TERMINAL NO.
0AMAEN	13-084-056
0BMAEN	13-084-045
1AMAEN	13-098-056
1BMAEN	13-098-045

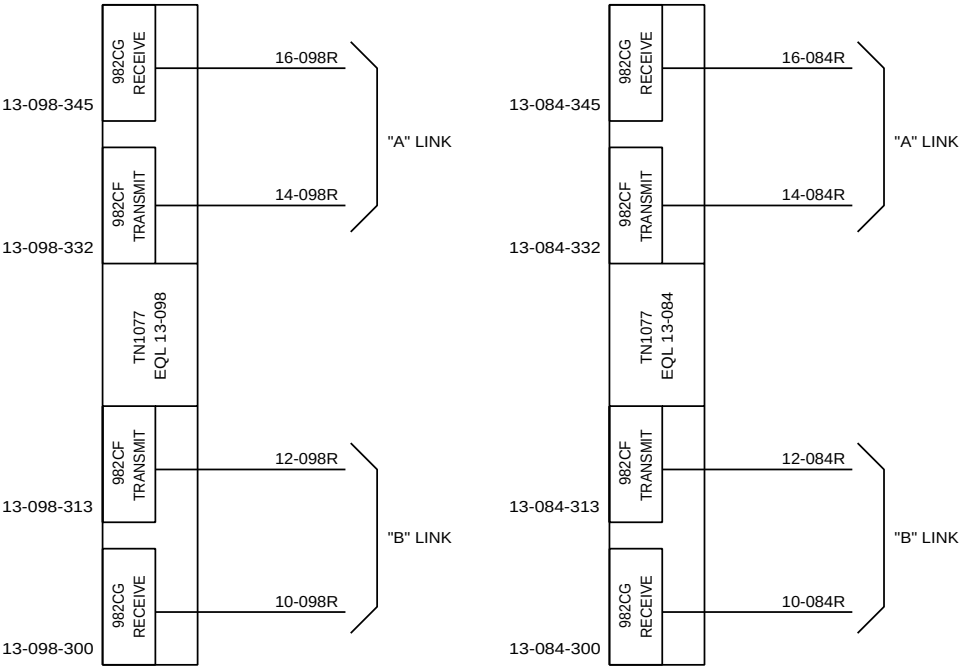
306. (CONT)



SWITCH PLACEMENT (BACKPLANE VIEW)

INFORMATION NOTES: (CONT)

307. DLI NCT LINK FIBER OPTIC CABLES:



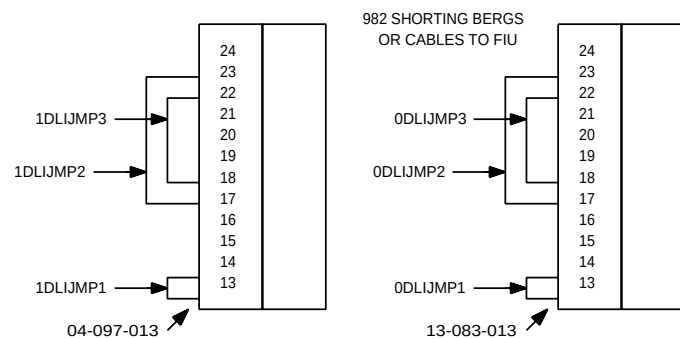
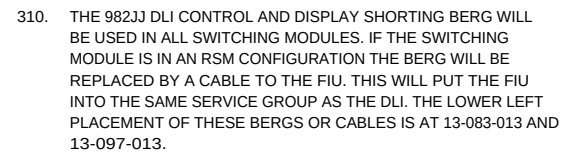
DLI NCT LINK LOCATION AND DESIGNATIONS

308. THE TERMINALS INDICATED BELOW ARE HIGH VOLTAGE (-48) TERMINALS. THEY SHOULD BE SLEEVED AS FAR DOWN ON THE TERMINAL AS POSSIBLE.

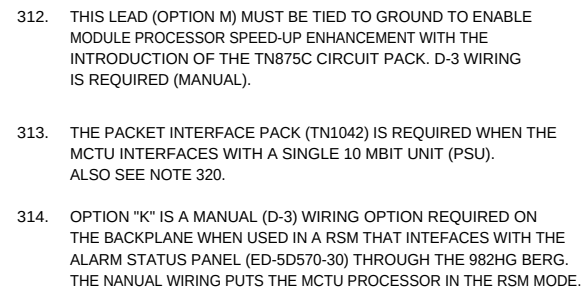
EQL	TERMINAL
13-084	006
13-084	106
13-098	006
13-098	106

Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	26B
AT&T	SD-5D094-01	
		SHEET D4

309. THE BERG SWITCHES HAVE 2 X 10 CONNECTORS WITH LOWER LEFT PLACEMENT AT 13-083-047 AND 13-083-034. THE SIGNALS ARE PROVIDED AT THE 13-082 EQUIPMENT LOCATION. THE BERG SWITCHES AT 13-097-047 AND 13-097-034 ARE PROVIDED WITH A SIGNAL LOCATION AT 13-096.



311. 1. THE 982JJ MEU CONTROL AND DISPLAY SHORTING BERG WILL BE USED IN ALL SWITCHING MODULES. THE LOWER LEFT PLACEMENT OF THESE BERGS IS AT 04-057-032 AND 04-131-032.
2. IS AN MEU IS INSTALLED, THE MEU SHORTING BERGS WILL BE REMOVED AND A CABLE TO PROVIDE CONTROL AND DISPLAY TO THE MEU WILL BE CONNECTED BETWEEN THE MCTU AND MEU. THE LOWER LEFT PLACEMENT OF THESE CABLES IN THE MCTU IS AT 04-057-045 AND 04-131-045. THE MEU SHORTING BERGS AND CABLES BETWEEN THE MCTU AND MEU ARE MUTUALLY EXCLUSIVE. IE. THEY WILL NEVER BE CONNECTED AT THE SAME TIME.

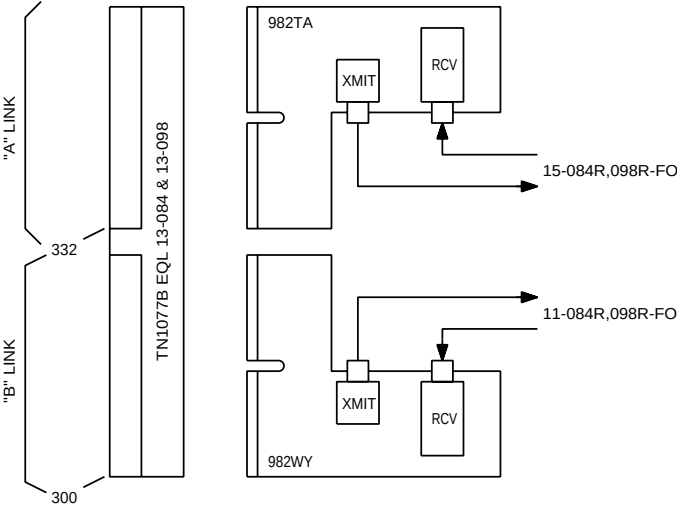


OPTION "J" IS REQUIRED WHEN THE MCTU INTERFACES WITH THE ALARM STATUS UNIT (ED-5D586-10) WHICH PUTS THE MCTU PROCESSOR IN THE RSM MODE VIA THE 982JL BERG. BOTH THE 982HG AND THE 982JL BERG. BOTH THE 982HG AND THE 982JL BERGS ARE PART OF THE CABLING FROM THEIR RESPECTIVE ALARM UNITS.

OPTION	MICROCODE	CARRIER CODE
X	MC5D053A1	TN874
W	MC5D053A1B	TN874B
V	MC5D080A1B	TN874B
U	MC5D080A1	TN874
T	MC5X246A1	TN874
S	MC5X246A1B	TN874B
G	MC5X248A1	TN874
F	MC5X248A1B	TN874B
ZA	MC5D113A1	TN874
ZB	MC5D113A1B	TN874B
ZC	MC5X260A1B	TN874B
ZG	MC5X261A1B	TN874B
ZU	MC5X265A1B	TN874B
ZX	MC5X275A1B	TN874B
ZY	MC5D132A1B	TN874B
YA	MC5D153A1B	TN874B
YB	MC5X281A1B	TN874B
YE	MC5X284A2B	TN874B
YF	MC5X702A1B	TN874B
YJ	MC5D169A1B	TN874B
XC		TN1417
XE		TN1417
XN	MC5D176A1B	TN874B

INFORMATION NOTES: (CONT)

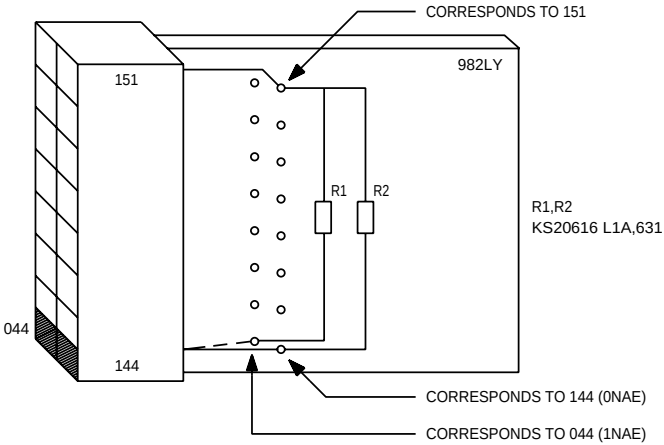
316. DLI NCT LINK LOCATIONS FOR TRANSMISSIONLESS
REMOTE MODULE (TRM).



317. 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 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.

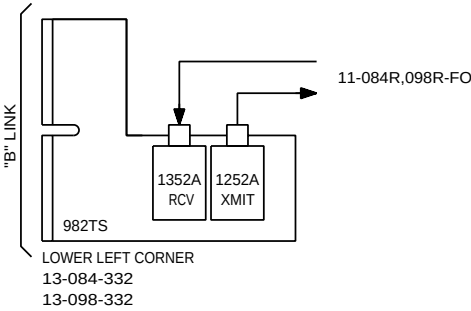
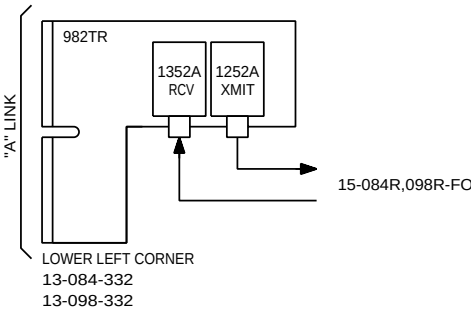
318. THE 982LY CONNECTOR CAUSES THE NAE LEADS OF SIDE 0 AND
SIDE 1 TO BE "PULLED UP" TO 5 VOLTS THROUGH THE RESISTORS.
THE LOWER LEFT CORNER OF THE 982LY CONNECTOR IS LOCATED AT
EQL 13-106-144.



319. TO ENABLE OPTION YQ (APR) CONNECT PINS 105 & 005
ON SN516B TO -48R ON SN516B.

320. TO ENABLE OPTION YM (APR) CONNECT PINS 000 & 001
ON TN1077E.

321. 0DL50 TYPE NCT FIBER OPTIC CONNECTORS FOR
HSM, LSM, AND RSM (SIDE VIEW).



322. PACKET INTERFACE OPTIONS AND PORT CONNECTIONS:

1. GENERAL INFORMATION

THE PACKET INTERFACE SLOTS (13-070 AND 13-114) MAY BE
EQUIPPED WITH ONE OF TWO TYPES OF CIRCUIT PACKS:

OPTION YS, (TN1042 (MC5D095A1)) PROVIDES A 10MBIT PACKET BUS
INTERFACE TO A SINGLE PACKET SWITCH UNIT (PSU).

OPTION YT, (UN395) PROVIDES EITHER A 10MBIT OR 100MBIT PACKET
BUS INTERFACE FOR ONE OR TWO PSU'S. THE 100MBIT OPTION IS ONLY
AVAILABLE WHEN INTERFACING WITH A PSU2. THE 10MBIT AND 100MBIT
PORTS ON THE UN395 ARE CONFIGURED VIA SOFTWARE. SEE TABLE BELOW
FOR CABLING OPTIONS.

FOR THE UN395 PI2, CONNECTOR PINS 054, 154, 041, 141, 022,
122, 209, 309 HAVE TWO DIFFERENT FUNCTIONS DEPENDING ON WHICH
PSU TYPE THE PI2 IS CONNECTED TO VIA THE PACKET BUS CABLES.
FOR CONNECTIONS TO THE PSU2 THEY PROVIDE BITS 1 & 3 FOR THE
RECEIVE DATA STREAMS. FOR CONNECTIONS TO A PSU THEY PROVIDE
CARRIER SENSE.

322. PACKET INTERFACE OPTIONS AND PORT CONNECTIONS: (CONT)

2. THE FOLLOWING TABLE PROVIDES OPTION INFORMATION FOR EQUIPMENT
LOCATIONS 13-070 AND 13-114.

OPTION	CIRCUIT PACK	FUNCTION
YS	TN1042/B	10 MBIT PACKET INTERFACE CIRCUIT
YT*	UN395	10/100 MBIT PACKET INTERFACE
* NOTE: OPTION YT REQUIRES ADDITIONAL BACKPLANE WIRING PROVIDED BY OPTION YO.		
YU	OPTION YU PROVIDES REQUIRED BACKPLANE WIRING WHEN OPTION YN IS SPECIFIED.	
YW	OPTION YW PROVIDES CABLING FOR OPTION YT (UN395) WHEN PORTS 0 AND 1 ARE CONFIGURED AS A 10 MBIT PACKET BUS.	
YX	OPTION YX PROVIDES CABLING FOR OPTION YT (UN395) WHEN PORTS 0 AND 1 OR PORTS 2 AND 3 ARE CONFIGURED AS A 100 MBIT PACKET BUS.	
YZ	OPTION YZ PROVIDES CABLING FOR OPTION YT (UN395) WHEN PORTS 2 AND 3 ARE CONFIGURED AS A 10 MBIT PACKET BUS.	

323. OPTION XL REQUIRES THE FOLLOWING CABLE & WIRING CHANGES:

1. REMOVAL

A. ALL MEMORY PACKS IN MCTU.

B. GROUND STRAPS (ED-5D507-17,G10)

C. INTERFACE CABLES (ED-5D507-20,G23,G24)

D. POWER & ALARM CABLES (ED-5D503-15,G212,G213)

E. MEMORY CABLES (ED-5D127-30,G33-G40,G41-G48)

25-022-0B0 25-108-0B0
25-040-1B0 25-120-0B0
25-058-0B0 25-144-1B0
25-076-0B0 25-162-1B0

28-057-045 28-131-045

28-016-009 28-178-009

28-039-000 28-143-000
28-039-013 28-143-013
28-039-032 28-143-032
28-039-045 28-143-045
28-045-000 28-149-000
28-045-013 28-149-013
28-045-032 28-149-032
28-045-045 28-149-045

2. ADD SHORTING BERG (98255):

28-057-032 28-131-032

324. UP TO 64MBYTES TOTAL, 32MBYTES EXTERNAL MAY EXIST WITH
THE FOLLOWING CONFIGURATIONS:

1. TN56 & TN1409 SPLIT MEMORY WITH MEU

2. 12 - TN56 WITH MEU

3. 8 - TN2012 WITH MEU

4. TN2012 & TN1409 SPLIT MEMORY WITHOUT MEU

5. 5 - TN2012 WITHOUT MEU

325. UP TO 48MBYTES TOTAL, 16 MBYTE EXTERNAL, FOR SMP 23 CDMC
WITH SMP12 SPLIT MEMORY WIRING IN THE MEU:

CONFIGURATION: 8 X TN56 WITH MEU

Copyright (C) 1996 AT&T
All Rights Reserved

MODULE CONTROLLER AND
TIME SLOT INTERCHANGE UNIT

DWG SIZE
C2

ISSUE
26B

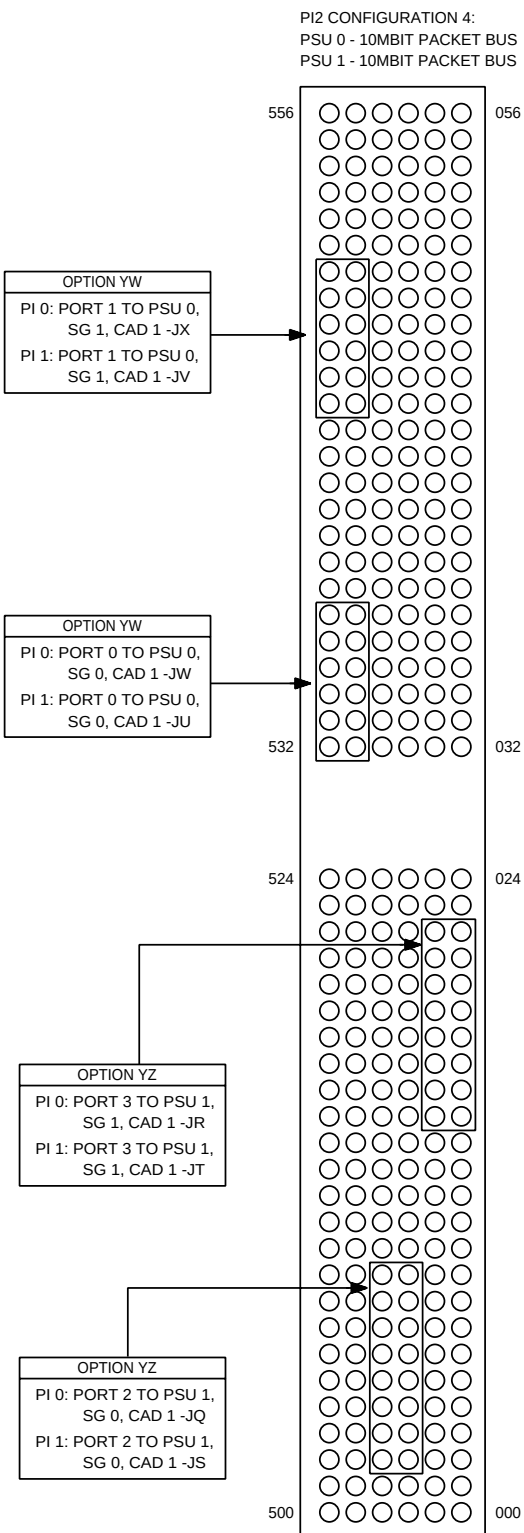
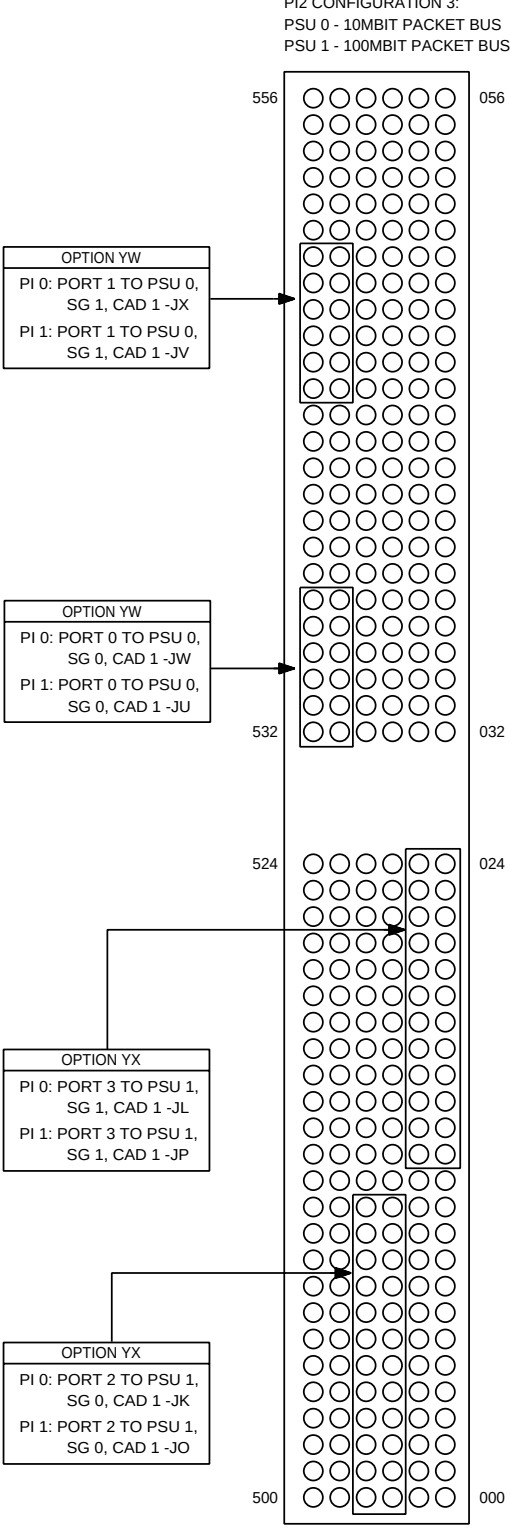
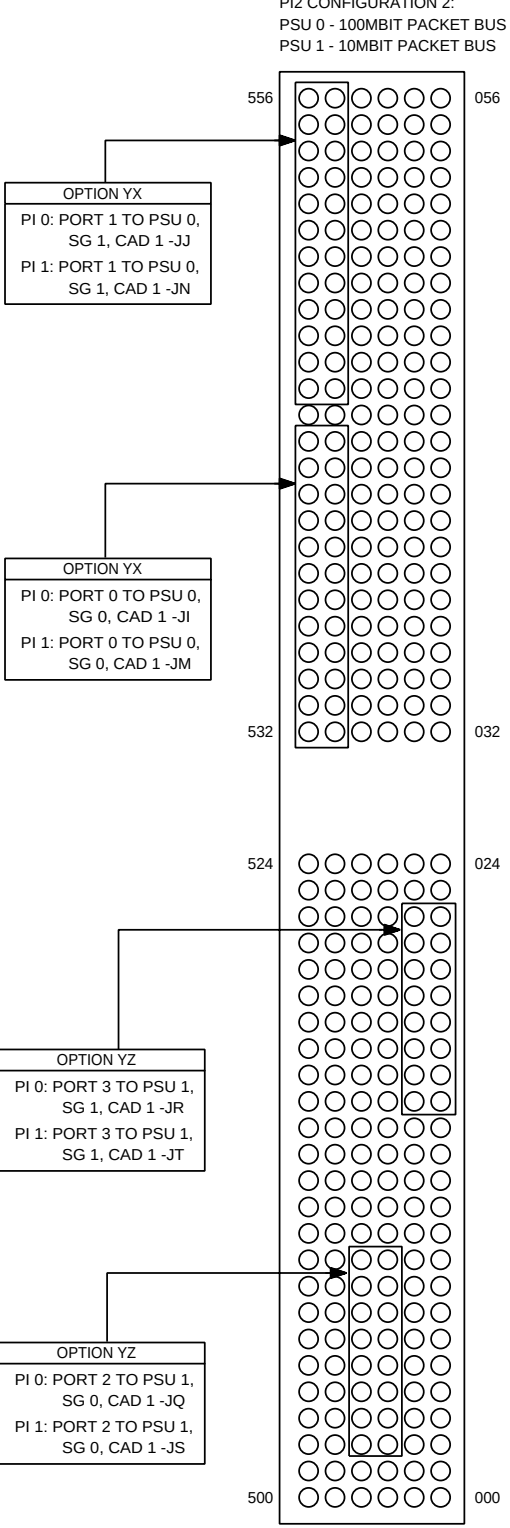
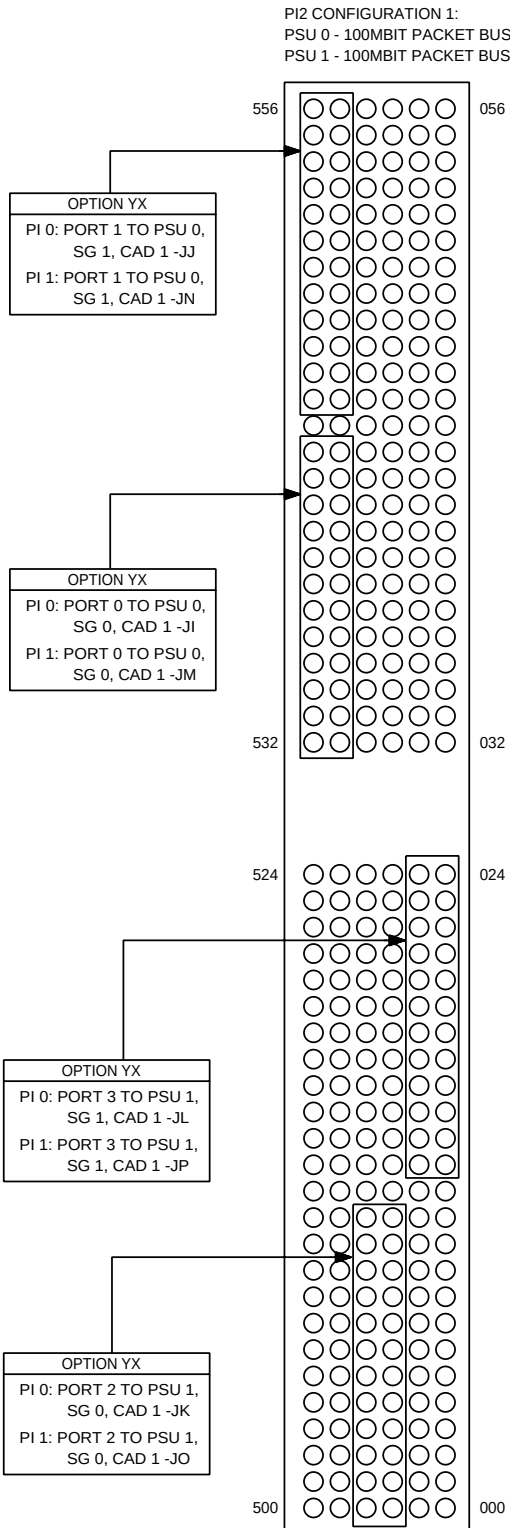
AT&T

SD-5D094-01

SHEET
D6

PRINTED IN U.S.A.

INFORMATION NOTES: (CONT)
320. (CONT) PACKET INTERFACE OPTIONS AND PORT CONNECTIONS.
3. UN395 PI2 (OPTION YT) PACKET BUS CABLING OPTIONS.



UN395 PI2 CONFIGURATIONS
(OPTION YT)

0123456789

A

B

C

D

E

F

G

H

UNIT SYMBOL TABLE OF CONTENTS				
FUNCTION		DESCRIPTION (LOWER LEFT PIN OF CONNECTOR)	SIZE	ELEMENT
MANUAL UPDATE BUS CONNECTIONS		UPDATE BUS (04-107-000)	2 X 12	AF
		UPDATE BUS (04-105-000)	2 X 12	AG
		UPDATE BUS (04-099-000)	2 X 12	AH
		UPDATE BUS (04-097-000)	2 X 12	AI
		UPDATE BUS (04-107-032)	2 X 12	AV
		UPDATE BUS (04-107-045)	2 X 12	AW
		UPDATE BUS (04-105-045)	2 X 12	AX
		UPDATE BUS (04-099-045)	2 X 12	AY
		UPDATE BUS (04-097-032)	2 X 12	AZ
		UPDATE BUS (04-097-045)	2 X 12	BA
MEMORY EXPANSION UNIT	SIDE 0	MEMORY DATA ADDRESS AND CONTROL (04-045-000)	2 X 12	AM
		MEMORY DATA ADDRESS AND CONTROL (04-045-013)	2 X 12	AN
		MEMORY DATA ADDRESS AND CONTROL (04-039-000)	2 X 12	AO
		MEMORY DATA ADDRESS AND CONTROL (04-039-013)	2 X 12	AP
		MEU POWER CONTROL (04-057-045)	2 X 12	BF
		MEMORY DATA ADDRESS AND CONTROL (04-045-032)	2 X 12	BG
		MEMORY DATA ADDRESS AND CONTROL (04-045-045)	2 X 12	BH
		MEMORY DATA ADDRESS AND CONTROL (04-039-032)	2 X 12	BI
		MEMORY DATA ADDRESS AND CONTROL (04-039-045)	2 X 12	BJ
		MEMORY DATA ADDRESS AND CONTROL (04-149-000)	2 X 12	AA
	SIDE 1	MEMORY DATA ADDRESS AND CONTROL (04-149-013)	2 X 12	AB
		MEMORY DATA ADDRESS AND CONTROL (04-143-000)	2 X 12	AC
		MEMORY DATA ADDRESS AND CONTROL (04-143-013)	2 X 12	AD
		MEMORY DATA ADDRESS AND CONTROL (04-149-032)	2 X 12	AQ
		MEMORY DATA ADDRESS AND CONTROL (04-149-045)	2 X 12	AR
		MEMORY DATA ADDRESS AND CONTROL (04-143-032)	2 X 12	AS
		MEMORY DATA ADDRESS AND CONTROL (04-143-045)	2 X 12	AT
		MEU POWER CONTROL (04-131-045)	2 X 12	AU
		RSM INTERVENTIION (04-088-032)	2 X 12	BB
		RSM INTERVENTIION (04-088-045)	2 X 12	BC
SCAN & SD	SIDE 0	FAN UNIT SCAN AND SD POINTS (04-058-102)	2 X 3	AL
	SIDE 1	FAN UNIT SCAN AND SD POINTS (04-126-102)	2 X 3	AE
STS TERMINAL ACCESS		STS TERMINAL ACCESS (04-082-300)	2 X 12	AJ
		STS TERMINAL ACCESS (04-082-100)	2 X 12	AK
		STS TERMINAL ACCESS (04-082-332)	2 X 12	BD
		STS TERMINAL ACCESS (04-082-345)	2 X 12	BE
CONTROL & DISPLAY TO FIU	SIDE 0	SHORTING BERG (04-057-132)	2 X 12	IX
		CONTROL & DISPLAY TO FIU OR TRCU (13-083-013)	2 X 10	DD
	SIDE 1	CONTROL & DISPLAY TO FIU OR TRCU (13-097-013)	2 X 10	CZ
		SHORTING BERG (04-131-132)	2 X 12	IW
DEDICATED PIDB'S	SIDE 0	TSI 0 TO DSU (13-062-145)	2 X 4	GO
		TSI 0 TO DSU (13-062-151)	2 X 4	GP
	SIDE 1	TSI 1 TO DSU (13-122-145)	2 X 4	GE
		TSI 1 TO DSU (13-122-151)	2 X 4	GF

FUNCTION		DESCRIPTION (LOWER LEFT PIN OF CONNECTOR)	SIZE	ELEMENT
FUSE ALARMS	SIDE 0	DLI 0 ALARM (13-083-000)	2 X 3	DC
		CONTROLLER 0 ALARM (13-016-145)	2 X 4	ID
	SIDE 1	DLI 1 ALARM (13-172-145)	2 X 3	CY
		CONTROLLER 1 ALARM (13-172-145)	2 X 4	EQ
TRCU NCT LINKS FOR ORM	SIDE 0	DLI 0 (13-084-300) (B)	2 X 12	IM
		DLI 0 (13-084-313) (B)	2 X 12	IN
		DLI 0 (13-084-332) (B)	2 X 12	IQ
		DLI 0 (13-084-345) (B)	2 X 12	IR
		DLI 1 (13-098-300) (B)	2 X 12	IK
	SIDE 1	DLI 1 (13-098-313) (B)	2 X 12	IL
		DLI 1 (13-098-332) (B)	2 X 12	IO
		DLI 1 (13-098-345) (B)	2 X 12	IP
FIBER OPTIC NCT LINKS	SIDE 0	DLI 0 NCT LINKS (10-084R-FO) (ZE)	2 X 12	DA
		DLI 0 NCT LINKS (11-084R-FO) (ZF)	2 X 24	IH
		DLI 0 NCT LINKS (12-084R-FO) (ZE)	2 X 12	DB
		DLI 0 NCT LINKS (11-084R-FO) (ZZ)	2 X 24	IY
		DLI 0 NCT LINKS (14-084R-FO) (ZE)	2 X 12	GK
		DLI 0 NCT LINKS (16-084R-FO) (ZF)	2 X 24	IJ
		DLI 0 NCT LINKS (16-084R-FO) (ZE)	2 X 12	GL
		DLI 0 NCT LINKS (15-084R-FO) (ZZ)	2 X 24	IZ
	SIDE 1	DLI 1 NCT LINKS (10-084R-FO) (ZE)	2 X 12	CW
		DLI 0 NCT LINKS (11-084R-FO) (ZF)	2 X 24	IG
		DLI 1 NCT LINKS (12-084R-FO) (ZE)	2 X 12	CX
		DLI 1 NCT LINKS (11-084R-FO) (ZZ)	2 X 24	IW
		DLI 1 NCT LINKS (14-084R-FO) (ZE)	2 X 12	GG
		DLI 1 NCT LINKS (16-084R-FO) (ZF)	2 X 24	II
		DLI 1 NCT LINKS (16-084R-FO) (ZE)	2 X 12	GH
		DLI 1 NCT LINKS (15-084R-FO) (ZZ)	2 X 24	IX
PERIPHERAL INTERFACE DATA BUS	SIDE 0	PIDB0 (13-048-301)	2 X 4	DE
		PIDB0 (13-048-307)	2 X 4	DF
		PIDB0 (13-048-314)	2 X 4	DG
		PIDB0 (13-048-320)	2 X 4	DH
		PIDB0 (13-048-101)	2 X 4	DI
		PIDB0 (13-048-107)	2 X 4	DJ
		PIDB0 (13-048-114)	2 X 4	DK
		PIDB0 (13-048-120)	2 X 4	DL
		PIDB0 (13-040-301)	2 X 4	DM
		PIDB0 (13-040-307)	2 X 4	DN
		PIDB0 (13-040-314)	2 X 4	DO
		PIDB0 (13-040-320)	2 X 4	DP
		PIDB0 (13-040-101)	2 X 4	DQ
		PIDB0 (13-040-107)	2 X 4	DR
		PIDB0 (13-040-114)	2 X 4	DS
		PIDB0 (13-040-120)	2 X 4	DT
		PIDB0 (13-048-333)	2 X 4	GQ
		PIDB0 (13-048-339)	2 X 4	GR
		PIDB0 (13-048-346)	2 X 4	GS
		PIDB0 (13-048-352)	2 X 4	GT
PERIPHERAL INTERFACE CONTROL BUS	SIDE 0	PICB0 (13-030-506)	2 X 6	DU
		PICB0 (13-030-513)	2 X 6	DV
		PICB0 (13-030-519)	2 X 6	DW
		PICB0 (13-030-300)	2 X 6	DX
		PICB0 (13-030-306)	2 X 6	DY
		PICB0 (13-030-313)	2 X 6	DZ
		PICB0 (13-030-319)	2 X 6	EA
		PICB0 (13-030-100)	2 X 6	EB
		PICB0 (13-030-106)	2 X 6	EC
		PICB0 (13-030-113)	2 X 6	ED
		PICB0 (13-030-119)	2 X 6	EE
		PICB0 (13-022-506)	2 X 6	EF
		PICB0 (13-022-513)	2 X 6	EG
		PICB0 (13-022-519)	2 X 6	EH

FUNCTION		DESCRIPTION (LOWER LEFT PIN OF CONNECTOR)	SIZE	ELEMENT
PERIPHERAL INTERFACE DATA BUS (CONT)	SIDE 0	PIDB0 (13-048-133)	2 X 4	GU
		PIDB0 (13-048-139)	2 X 4	GV
		PIDB0 (13-048-146)	2 X 4	GW
		PIDB0 (13-048-152)	2 X 4	GX
		PIDB0 (13-040-333)	2 X 4	GY
		PIDB0 (13-040-339)	2 X 4	GZ
		PIDB0 (13-040-346)	2 X 4	HA
		PIDB0 (13-040-133)	2 X 4	HB
		PIDB0 (13-040-139)	2 X 4	HC
		PIDB0 (13-040-146)	2 X 4	HD
		PIDB0 (13-040-152)	2 X 4	HE
	SIDE 1	PIDB1 (13-148-301)	2 X 4	CG
		PIDB1 (13-148-307)	2 X 4	CH
		PIDB1 (13-148-314)	2 X 4	CI
		PIDB1 (13-148-320)	2 X 4	CJ
		PIDB1 (13-148-101)	2 X 4	CK
		PIDB1 (13-148-107)	2 X 4	CL
		PIDB1 (13-148-114)	2 X 4	CM
		PIDB1 (13-148-120)	2 X 4	CN
		PIDB1 (13-140-301)	2 X 4	CO
		PIDB1 (13-140-307)	2 X 4	CP
		PIDB1 (13-140-314)	2 X 4	CQ
		PIDB1 (13-140-320)	2 X 4	CR
		PIDB1 (13-140-101)	2 X 4	CS
		PIDB1 (13-140-107)	2 X 4	CT
		PIDB1 (13-140-114)	2 X 4	CU
		PIDB1 (13-140-120)	2 X 4	CV
		PIDB1 (13-148-333)	2 X 4	FP
		PIDB1 (13-148-339)	2 X 4	FQ
		PIDB1 (13-148-346)	2 X 4	FR
		PIDB1 (13-148-133)	2 X 4	FS
		PIDB1 (13-148-139)	2 X 4	FT
		PIDB1 (13-148-146)	2 X 4	FU
		PIDB1 (13-148-152)	2 X 4	FV
		PIDB1 (13-140-333)	2 X 4	FW
		PIDB1 (13-140-339)	2 X 4	FX
		PIDB1 (13-140-346)	2 X 4	FY
		PIDB1 (13-140-352)	2 X 4	FZ
		PIDB1 (13-140-133)	2 X 4	GA
		PIDB1 (13-140-139)	2 X 4	GB
		PIDB1 (13-140-146)	2 X 4	GC
		PIDB1 (13-140-152)	2 X 4	GD
PERIPHERAL INTERFACE CONTROL BUS	SIDE 0	PICB0 (13-030-506)	2 X 6	DU
		PICB0 (13-030-513)	2 X 6	DV
		PICB0 (13-030-519)	2 X 6	DW
		PICB0 (13-030-300)	2 X 6	DX
		PICB0 (13-030-306)	2 X 6	DY
		PICB0 (13-030-313)	2 X 6	DZ
		PICB0 (13-030-319)	2 X 6	EA
		PICB0 (13-030-100)	2 X 6	EB
		PICB0 (13-030-106)	2 X 6	EC
		PICB0 (13-030-113)	2 X 6	ED
		PICB0 (13-030-119)	2 X 6	EE
		PICB0 (13-022-506)	2 X 6	EF
		PICB0 (13-022-513)	2 X 6	EG
		PICB0 (13-022-519)	2 X 6	EH

A

B

C

D

E

F

G

H

0123456789

PRINTED IN U.S.A

Copyright (C) 1996 AT&T
All Rights Reserved

MODULE CONTROLLER AND
TIME SLOT INTERCHANGE UNIT

DWG SIZE
C2

ISSUE
24B

AT&T

SD-5D094-01

SHEET
GB1

FUNCTION		DESCRIPTION	SIZE	ELEMENT
		(LOWER LEFT PIN OF CONNECTOR)		
PERIPHERAL INTERFACE CONTROL BUS (CONT)	SIDE 0 (CONT)	PICB0 (13-022-300)	2 X 6	EI
		PICB0 (13-022-306)	2 X 6	EJ
		PICB0 (13-022-313)	2 X 6	EK
		PICB0 (13-022-319)	2 X 6	EL
		PICB0 (13-022-100)	2 X 6	EM
		PICB0 (13-022-106)	2 X 6	EN
		PICB0 (13-022-113)	2 X 6	EO
		PICB0 (13-022-119)	2 X 6	EP
		PICB0 (13-030-532)	2 X 6	HF
		PICB0 (13-030-538)	2 X 6	HG
		PICB0 (13-030-545)	2 X 6	HH
		PICB0 (13-030-551)	2 X 6	HI
		PICB0 (13-030-332)	2 X 6	HJ
		PICB0 (13-030-338)	2 X 6	HK
		PICB0 (13-030-345)	2 X 6	HL
		PICB0 (13-030-351)	2 X 6	HM
		PICB0 (13-030-132)	2 X 6	HN
		PICB0 (13-030-138)	2 X 6	HO
		PICB0 (13-030-145)	2 X 6	HP
		PICB0 (13-030-151)	2 X 6	HQ
		PICB0 (13-022-532)	2 X 6	HR
		PICB0 (13-022-538)	2 X 6	HS
		PICB0 (13-022-545)	2 X 6	HT
		PICB0 (13-022-551)	2 X 6	HU
		PICB0 (13-022-332)	2 X 6	HV
	PICB0 (13-022-338)	2 X 6	HW	
	PICB0 (13-022-345)	2 X 6	HX	
	PICB0 (13-022-351)	2 X 6	HY	
	PICB0 (13-022-132)	2 X 6	HZ	
	PICB0 (13-022-138)	2 X 6	IA	
	PICB0 (13-022-145)	2 X 6	IB	
	PICB0 (13-022-151)	2 X 6	IC	
	SIDE 1	PICB1 (13-162-506)	2 X 6	BK
		PICB1 (13-162-513)	2 X 6	BL
		PICB1 (13-162-519)	2 X 6	BM
		PICB1 (13-162-300)	2 X 6	BN
		PICB1 (13-162-306)	2 X 6	BO
		PICB1 (13-162-313)	2 X 6	BP
		PICB1 (13-162-319)	2 X 6	BQ
		PICB1 (13-162-100)	2 X 6	BR
		PICB1 (13-162-106)	2 X 6	BS
		PICB1 (13-162-113)	2 X 6	BT
		PICB1 (13-162-119)	2 X 6	BU
		PICB1 (13-154-506)	2 X 6	BV
		PICB1 (13-154-513)	2 X 6	BW
		PICB1 (13-154-519)	2 X 6	BX
		PICB1 (13-154-300)	2 X 6	BY
		PICB1 (13-154-306)	2 X 6	BZ
		PICB1 (13-154-313)	2 X 6	CA
		PICB1 (13-154-319)	2 X 6	CB
PICB1 (13-154-100)		2 X 6	CC	
PICB1 (13-154-106)		2 X 6	CD	
PICB1 (13-154-113)		2 X 6	CE	
PICB1 (13-154-119)		2 X 6	CF	
PICB1 (13-162-532)		2 X 6	ER	
PICB1 (13-162-538)		2 X 6	ES	
PICB1 (13-162-545)		2 X 6	ET	
PICB1 (13-162-551)		2 X 6	EU	
PICB1 (13-162-332)		2 X 6	EV	
PICB1 (13-162-338)		2 X 6	EW	
PICB1 (13-162-345)		2 X 6	EX	
PICB1 (13-162-351)		2 X 6	EY	
PICB1 (13-162-132)		2 X 6	EZ	
PICB1 (13-162-138)		2 X 6	FA	
PICB1 (13-162-145)		2 X 6	FB	
PICB1 (13-162-151)		2 X 6	FC	
PICB1 (13-162-532)		2 X 6	FD	
PICB1 (13-154-538)	2 X 6	FE		
PICB1 (13-154-545)	2 X 6	FF		
PICB1 (13-154-551)	2 X 6	FG		
PICB1 (13-154-332)	2 X 6	FH		

FUNCTION		DESCRIPTION (LOWER LEFT PIN OF CONNECTOR)	SIZE	ELEMENT
PERIPHERAL INTERFACE CONTROL BUS (CONT)	SIDE 1 (CONT)	PICB1 (13-154-338)	2 X 6	FI
		PICB1 (13-154-345)	2 X 6	FJ
		PICB1 (13-154-351)	2 X 6	FK
		PICB1 (13-154-132)	2 X 6	FL
		PICB1 (13-154-138)	2 X 6	FM
		PICB1 (13-154-145)	2 X 6	FN
		PICB1 (13-154-151)	2 X 6	FO
TIME SLOT SELECT SWITCH	SIDE 0	DLI 0 TIME SLOT SELECT SWITCH (13-083-034)	2 X 10	GM
		DLI 0 TIME SLOT SELECT SWITCH (13-083-047)	2 X 10	GN
	SIDE 1	DLI 1 TIME SLOT SELECT SWITCH (13-097-034)	2 X 10	GI
		DLI 1 TIME SLOT SELECT SWITCH (13-097-047)	2 X 10	GJ
PACKET INTERFACE TERMINAL FIELD (TN1042)	SIDE 0	ISDN PI 0 (13-074-032)	2 X 6	IU
		ISDN PI 0 (13-074-045)	2 X 6	IV
		ISDN PI 0 (13-075-032)	2 X 6	IU
		ISDN PI 0 (13-075-045)	2 X 6	IV
	SIDE 1	ISDN PI 1 (13-118-032)	2 X 6	IS
		ISDN PI 1 (13-118-045)	2 X 6	IT
		ISDN PI 1 (13-119-032)	2 X 6	IS
		ISDN PI 1 (13-119-045)	2 X 6	IT
PACKET INTERFACE 2 (PI2) 100MB PORTS	SIDE 0	ISDN PI2 0 (13-070-532) PORT 0	2 X 12	JI
		ISDN PI2 0 (13-070-545) PORT 1	2 X 12	JJ
		ISDN PI2 0 (13-070-300) PORT 2	2 X 12	JK
		ISDN PI2 0 (13-070-113) PORT 3	2 X 12	JL
	SIDE 1	ISDN PI2 1 (13-114-532) PORT 0	2 X 12	JM
		ISDN PI2 1 (13-114-545) PORT 1	2 X 12	JN
		ISDN PI2 1 (13-114-300) PORT 2	2 X 12	JO
		ISDN PI2 1 (13-114-113) PORT 3	2 X 12	JP
PACKET INTERFACE 2 (PI2) 10MB PORTS	SIDE 0	ISDN PI2 0 (13-070-532) PORT 0	2 X 6	JW
		ISDN PI2 0 (13-070-545) PORT 1	2 X 6	JX
		ISDN PI2 0 (13-070-302) PORT 2	2 X 8	JQ
		ISDN PI2 0 (13-070-115) PORT 3	2 X 8	JR
	SIDE 1	ISDN PI2 1 (13-114-532) PORT 0	2 X 6	JU
		ISDN PI2 1 (13-114-545) PORT 1	2 X 6	JV
		ISDN PI2 1 (13-114-302) PORT 2	2 X 8	JS
		ISDN PI2 1 (13-114-115) PORT 3	2 X 8	JT
POWER		GROUND LUGS	2 X 2	IE
		POWER LUGS	2 X 2	IF
INTRA-CABLING BETWEEN SHELVES	+5V04C0 (04-016-145)		2 X 12	JB
	(04-016-113)		2 X 6	IX
	GRD (04-016-132)		2 X 12	IZ
	+5V04C1 (04-178-145)		2 X 12	JA
	(04-178-113)		2 X 6	IW
	GRD (04-178-132)		2 X 12	IY
	+5V13LC0 (13-008-145)		2 X 12	JH
	(13-008-113)		2 X 6	JD
	GRD (13-008-132)		2 X 12	JF
	+5V13LC1 (13-180-145)		2 X 12	JG
	(13-180-113)		2 X 6	JE
	GRD (13-180-132)		2 X 12	JC

Copyright (C) 1996 AT&T
All Rights Reserved

MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT

DWG SIZE
C2

ISSUE
24B

AT&T

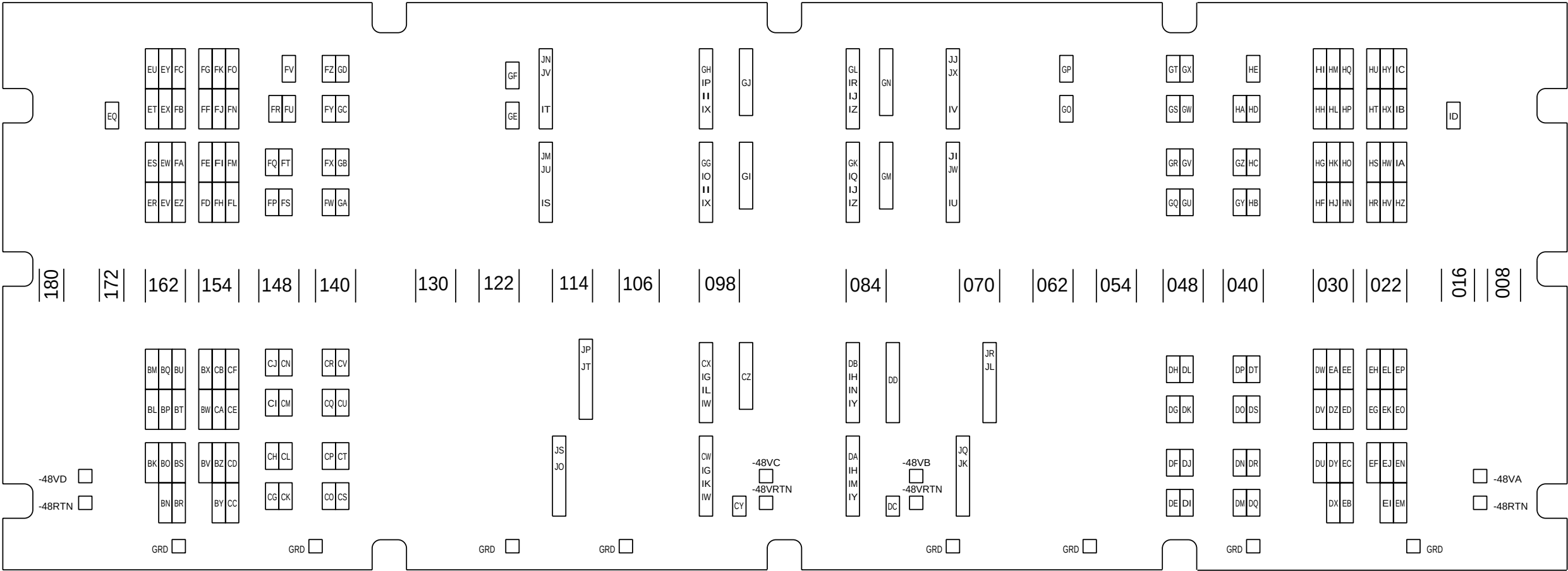
SD-5D094-01

SHEET
GB2

PRINTED IN U.S.A.

CIRCUIT ACCESS REFERENCE DATA

UPPER SHELF



- 1. ALL GROUND LUGS ARE IN ELEMENT IE.
- 2. ALL POWER LUGS ARE IN ELEMENT IF.

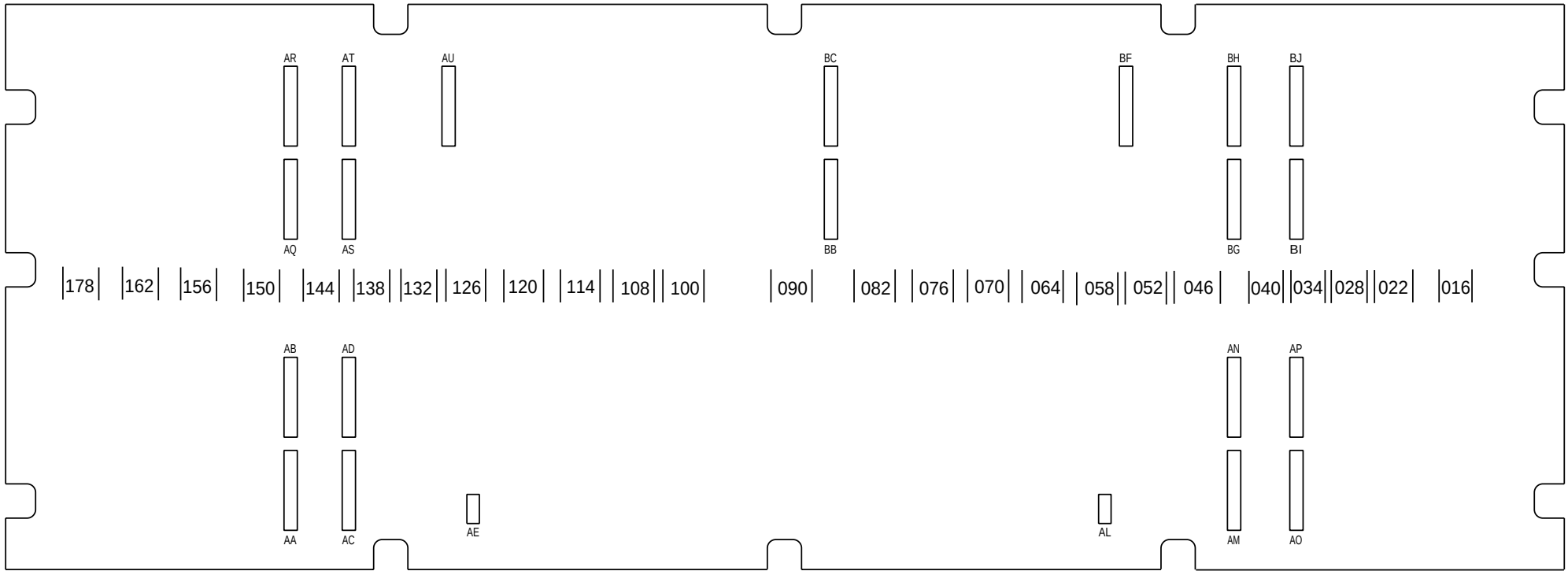
BACKPLANE PICTORIAL WIRING SIDE

Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
	SHEET	GB3

PRINTED IN U.S.A

CIRCUIT ACCESS REFERENCE DATA

LOWER SHELF

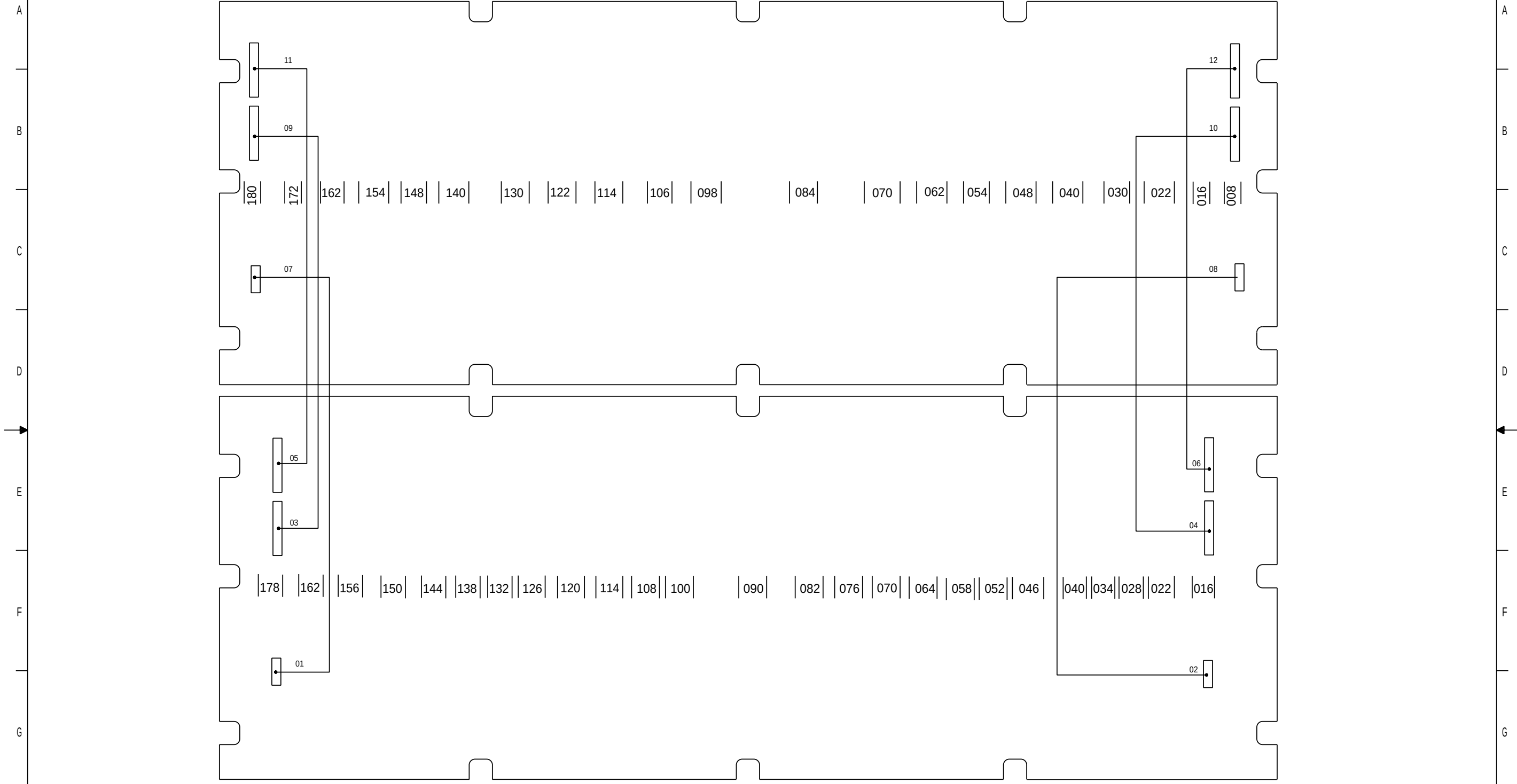


BACKPLANE PICTORIAL WIRING SIDE

Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
	SHEET	GB4

PRINTED IN U.S.A

CIRCUIT ACCESS REFERENCE DATA



NOTE:
1. SEE CAD 002 FOR FURTHER CABLING
INFORMATION.

CAD 2 - FIG. 1
BACKPLANE PICTORIAL WIRING SIDE

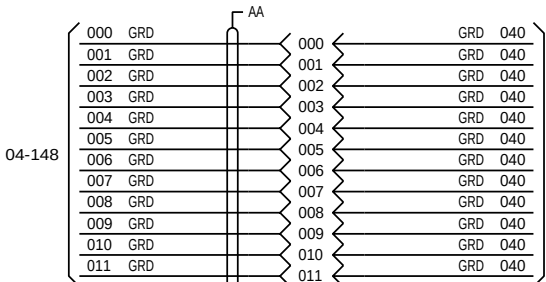
Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT		DWG SIZE
		C2
AT&T		ISSUE
		24B
SD-5D094-01		SHEET GB5

CAD 1

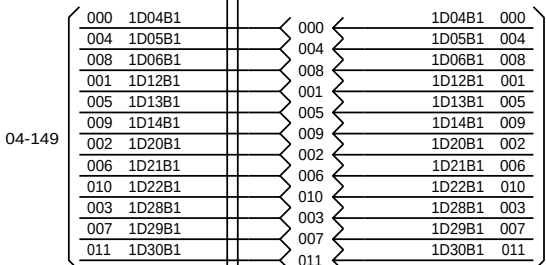
UNIT SYMBOL

AA

MEU, SIDE 1



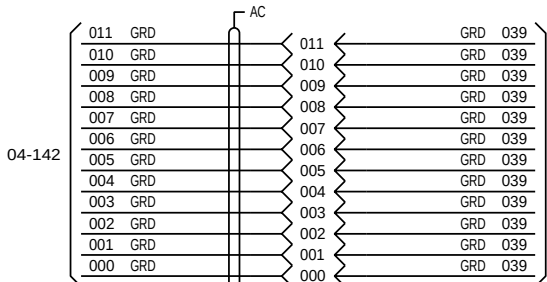
04-148



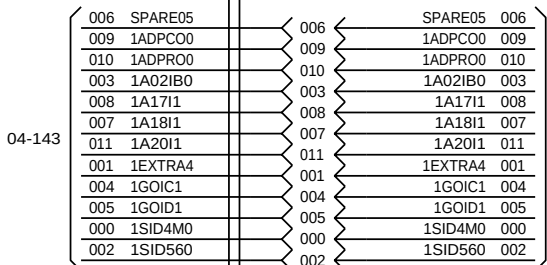
04-149

AC

MEU, SIDE 1



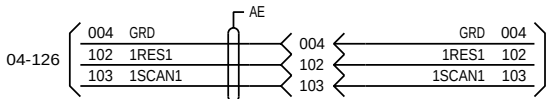
04-142



04-143

AE

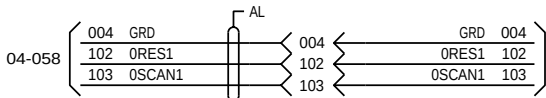
SCAN & SD SIDE 1



04-126

AL

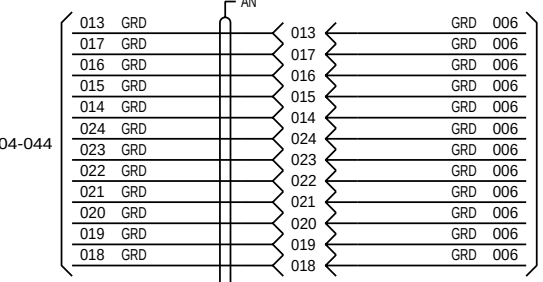
SCAN & SD SIDE 1



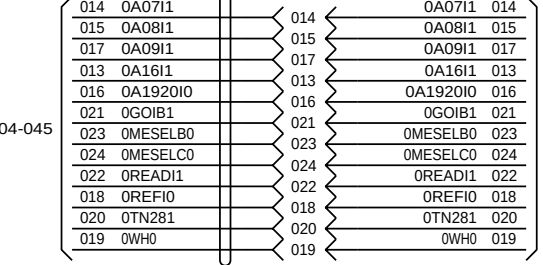
04-058

AN

MEU, SIDE 1



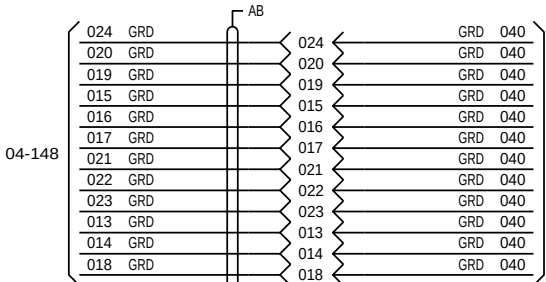
04-044



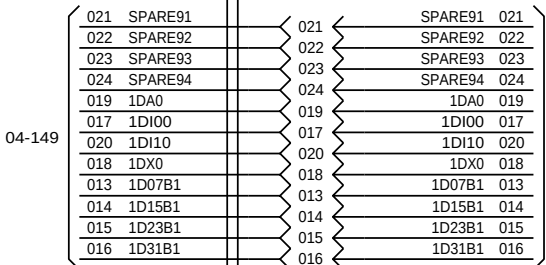
04-045

AB

MEU, SIDE 1



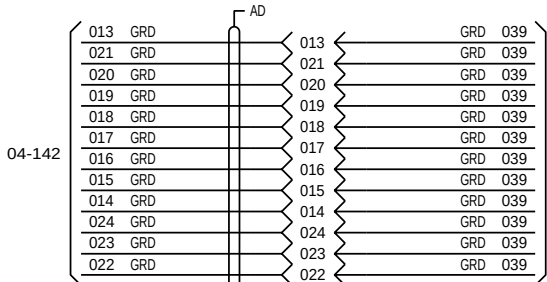
04-148



04-149

AD

MEU, SIDE 1



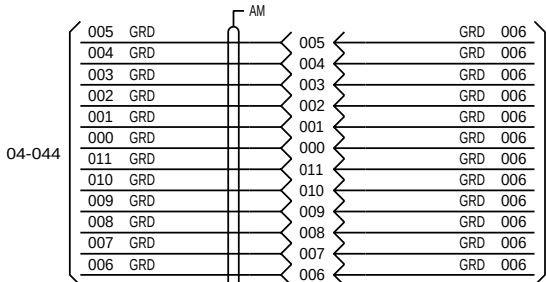
04-142



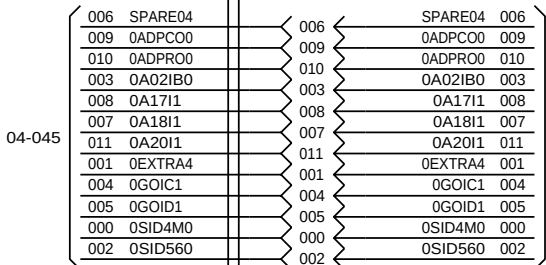
04-143

AM

MEU, SIDE 0



04-044



04-045

Copyright (C) 1996 AT&T
All Rights Reserved

MODULE CONTROLLER AND
TIME SLOT INTERCHANGE UNIT

DWG SIZE
C2

ISSUE
24B

AT&T

SD-5D094-01

SHEET
GB6

PRINTED IN U.S.A.

CAD 1

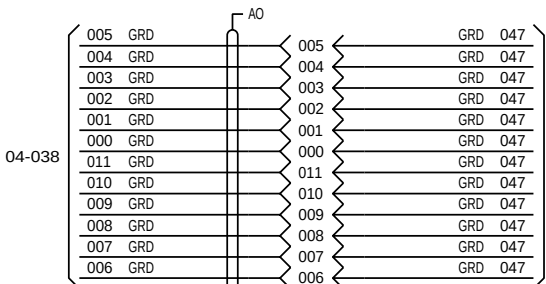
UNIT SYMBOL

AO

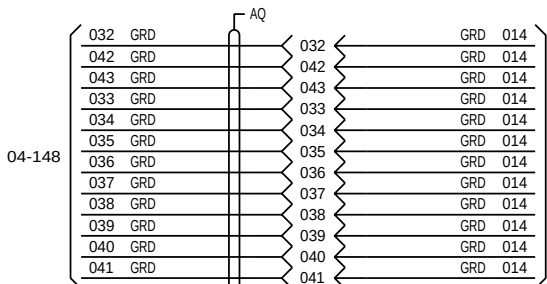
AQ

AS

AU



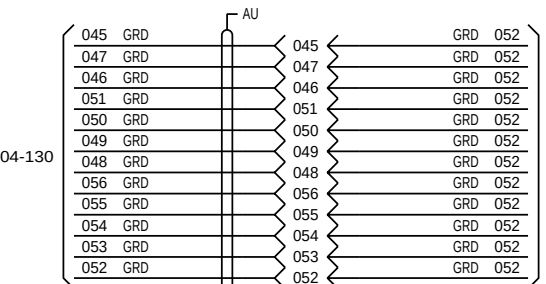
04-038



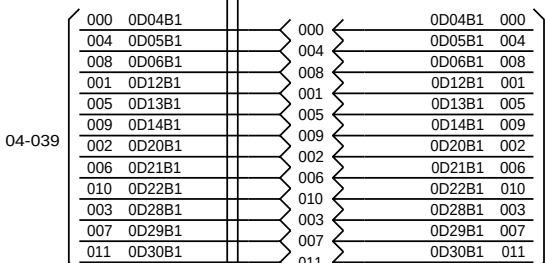
04-148



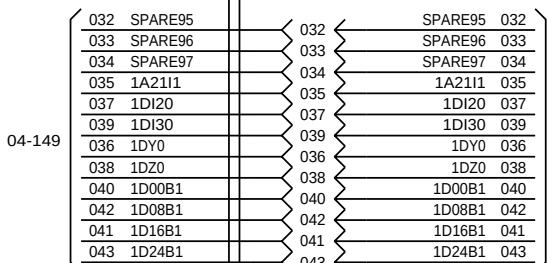
04-142



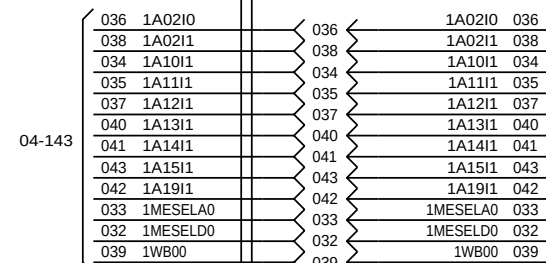
04-130



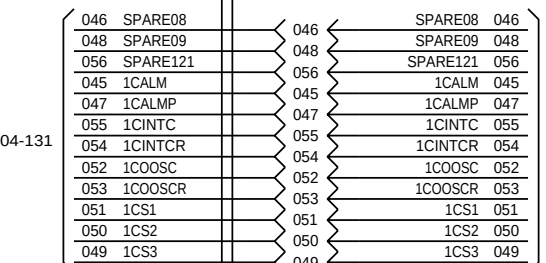
04-039



04-149



04-143



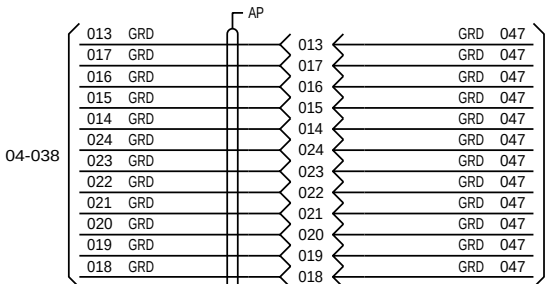
04-131

AP

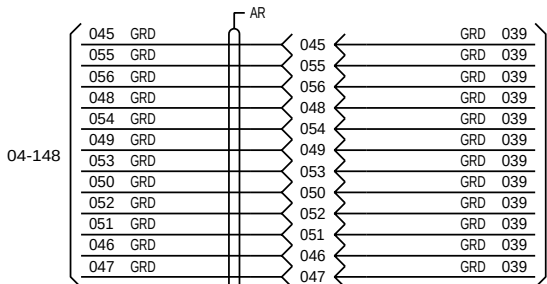
AR

AT

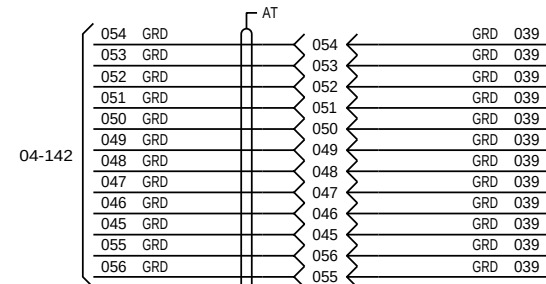
BB



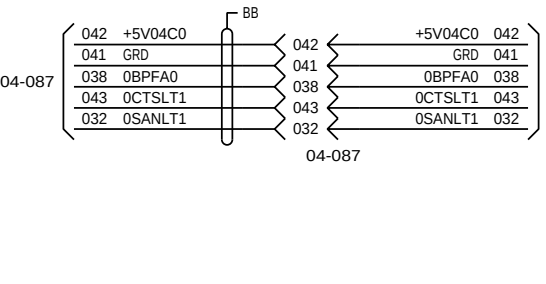
04-038



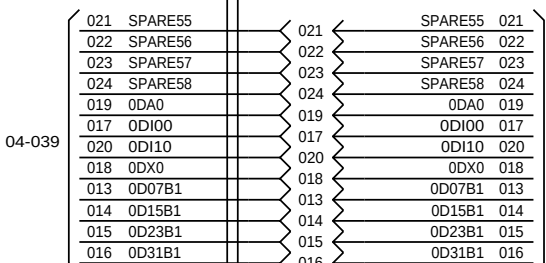
04-148



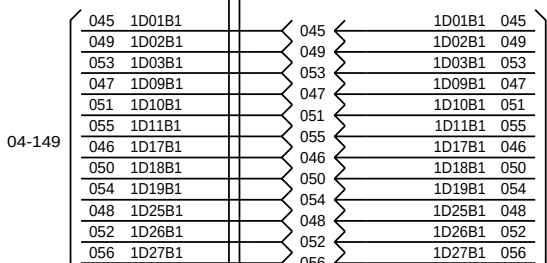
04-142



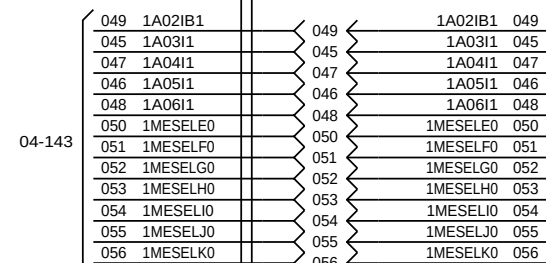
04-087



04-039



04-149



04-143

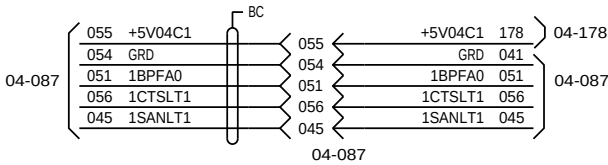
Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
	SHEET	GB7

PRINTED IN U.S.A.

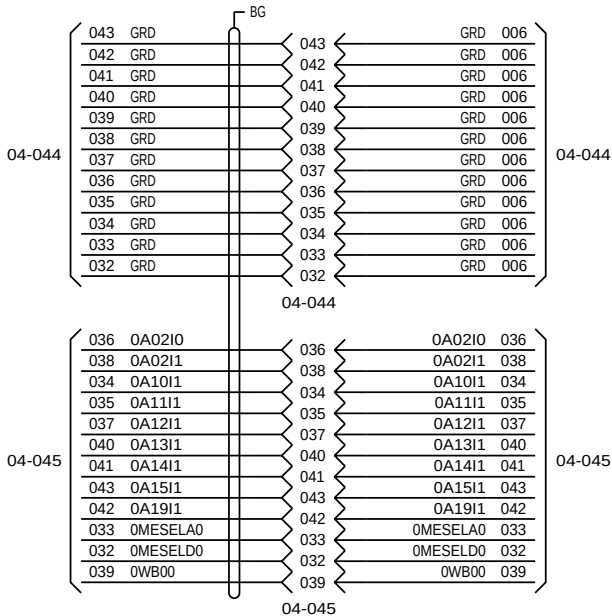
CAD 1

UNIT SYMBOL

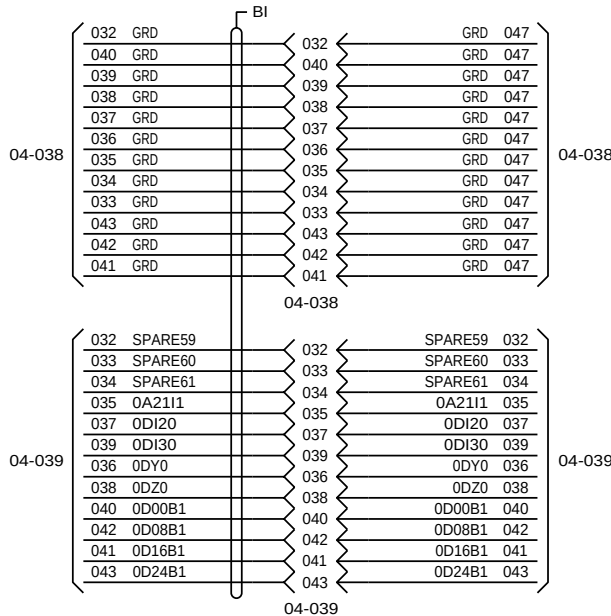
BC



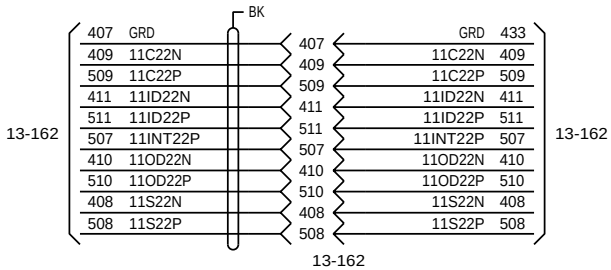
BG



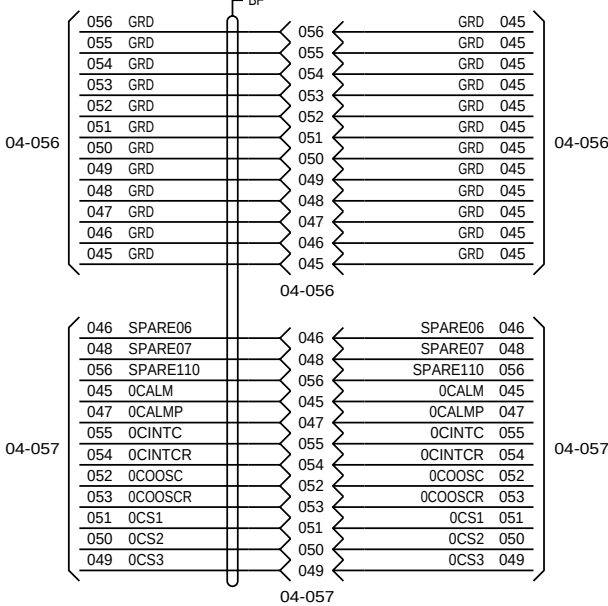
BI



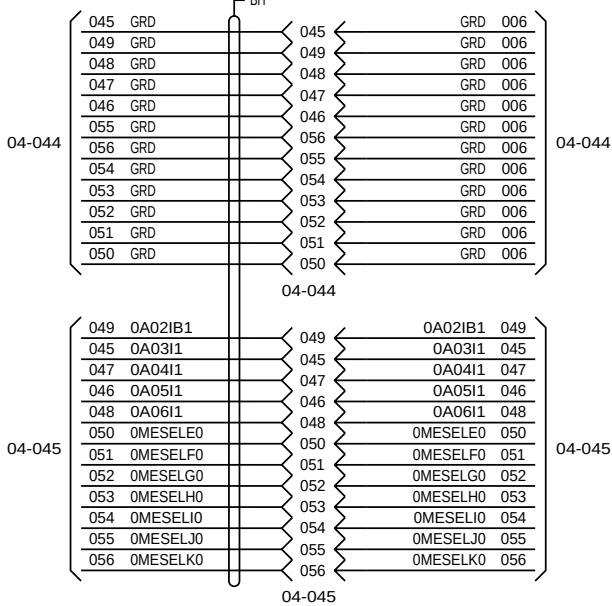
BK



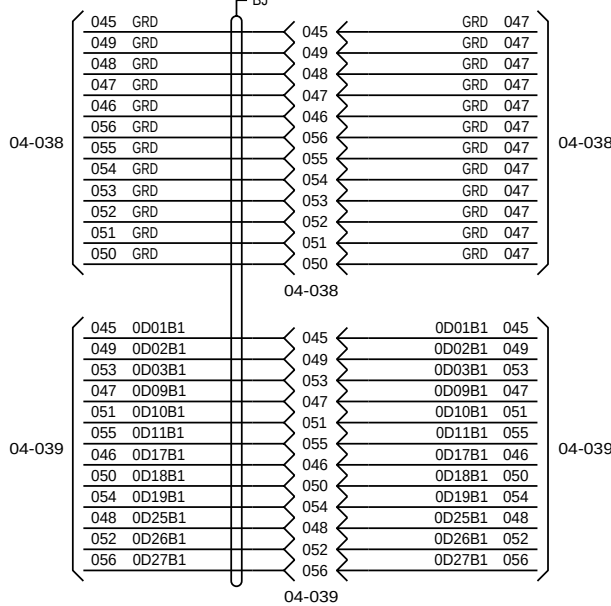
BF



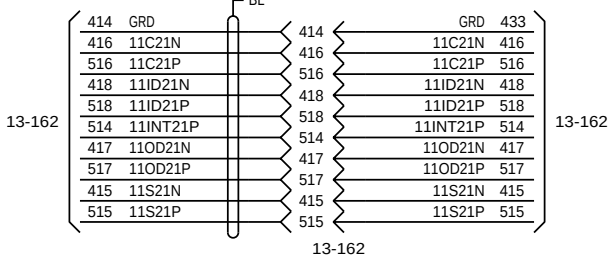
BH



BJ



BL



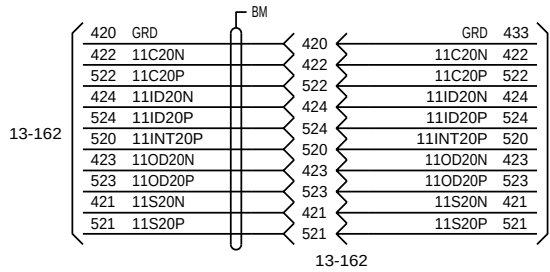
Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
	SHEET	GB8

PRINTED IN U.S.A.

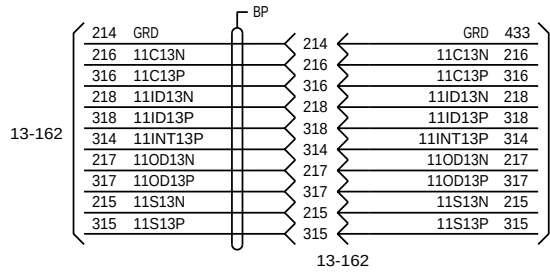
CAD 1

UNIT SYMBOL

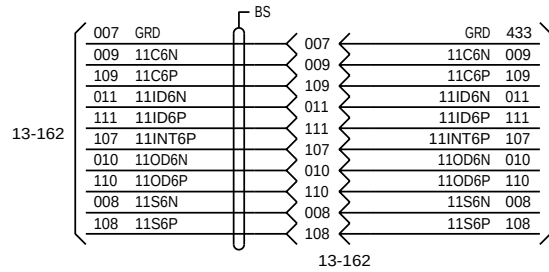
BM



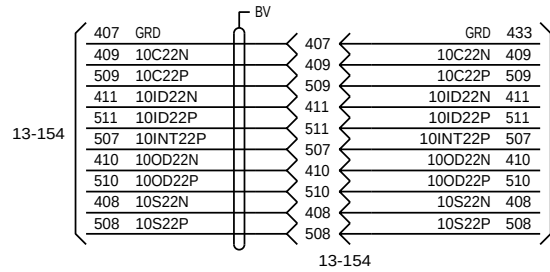
BP



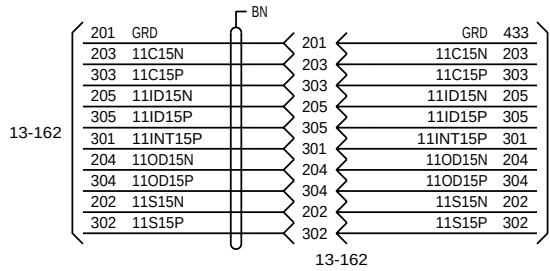
BS



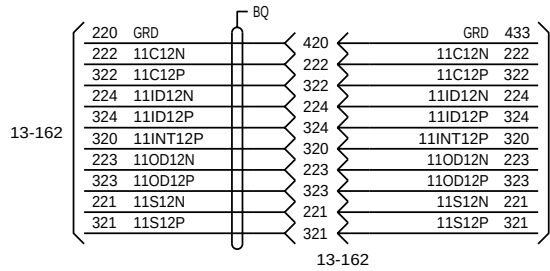
BV



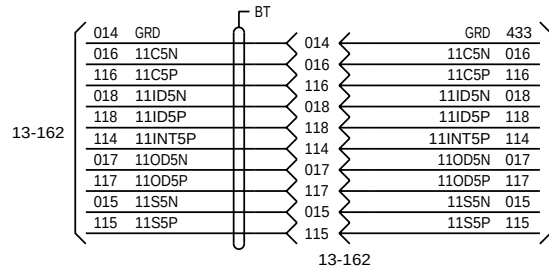
BN



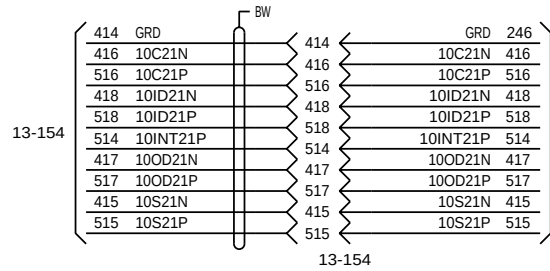
BQ



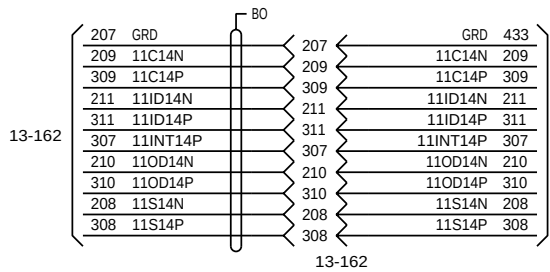
BT



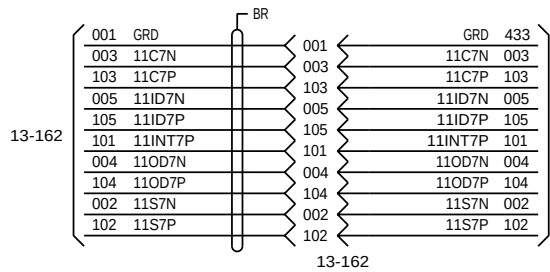
BW



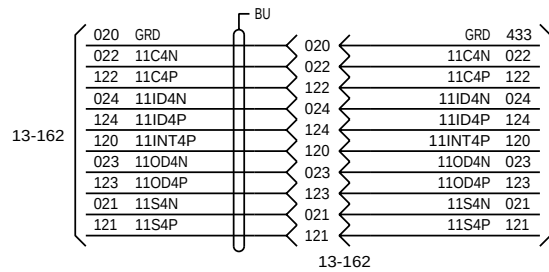
BO



BR



BU



Copyright (C) 1996 AT&T
All Rights Reserved

MODULE CONTROLLER AND
TIME SLOT INTERCHANGE UNIT

DWG SIZE
C2

ISSUE
24B

AT&T

SD-5D094-01

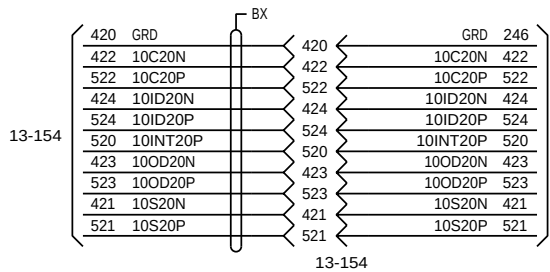
SHEET
GB9

PRINTED IN U.S.A.

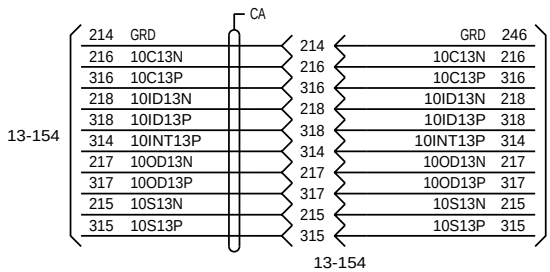
CAD 1

UNIT SYMBOL

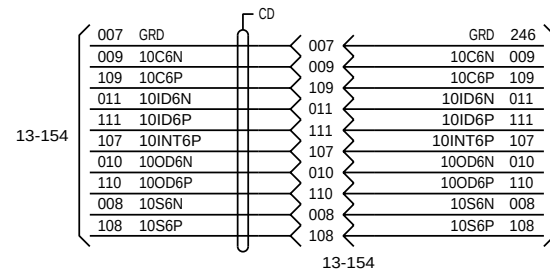
BX



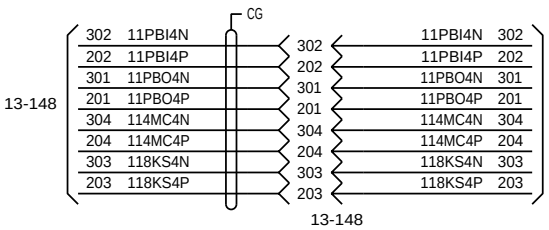
CA



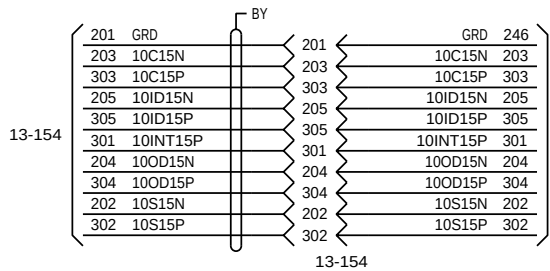
CD



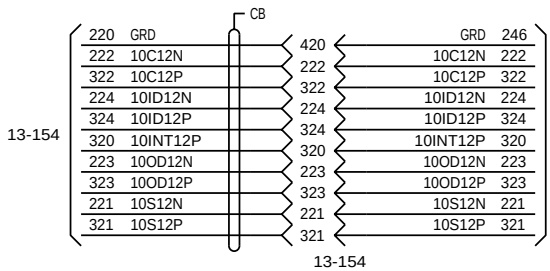
CG



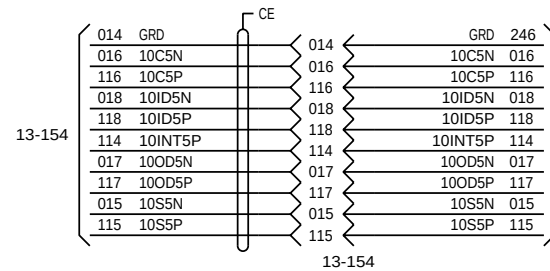
BY



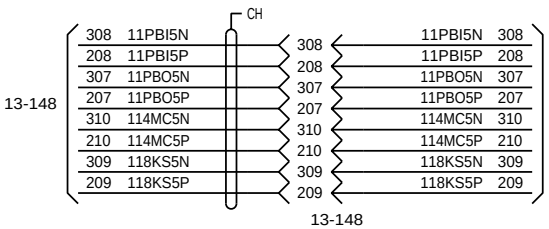
CB



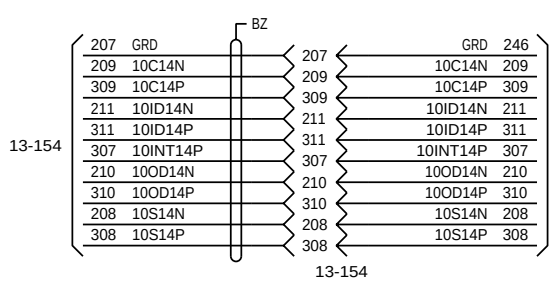
CE



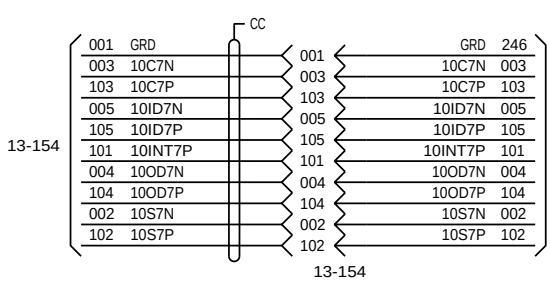
CH



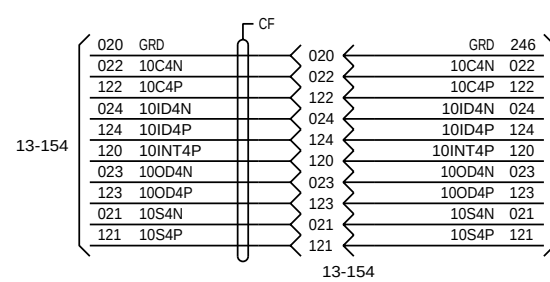
BZ



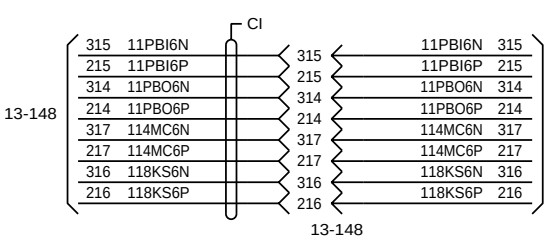
CC



CF



CI



Copyright (C) 1996 AT&T
All Rights Reserved

MODULE CONTROLLER AND
TIME SLOT INTERCHANGE UNIT

DWG SIZE
C2

ISSUE
24B

AT&T

SD-5D094-01

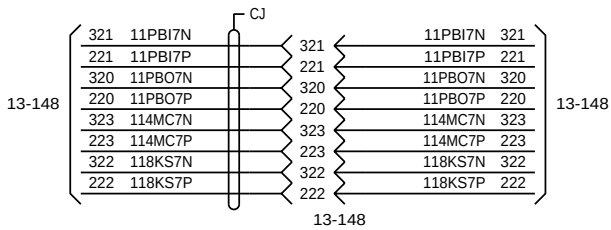
SHEET
GB10

PRINTED IN U.S.A.

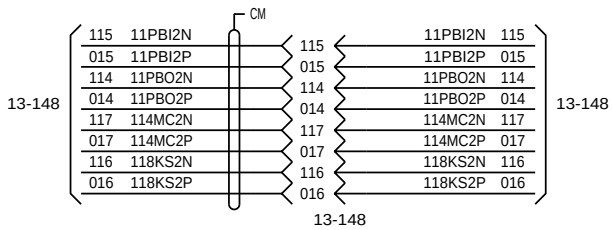
CAD 1

UNIT SYMBOL

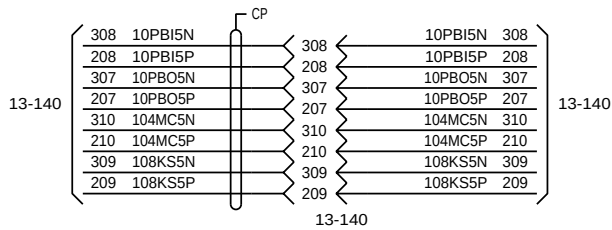
CJ



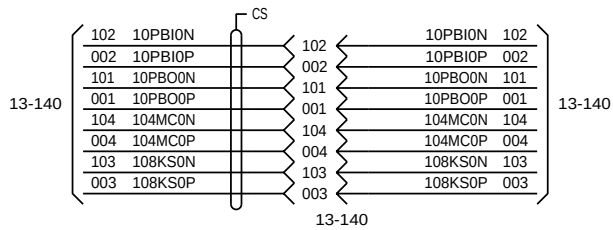
CM



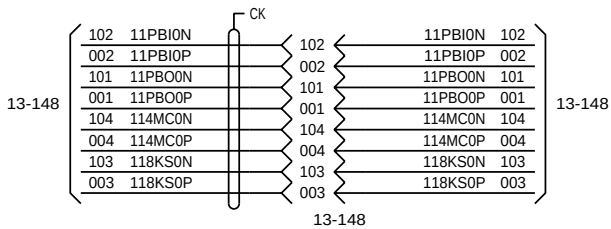
CP



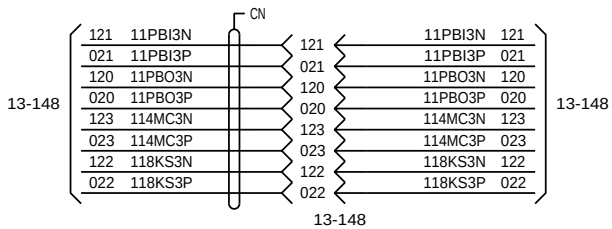
CS



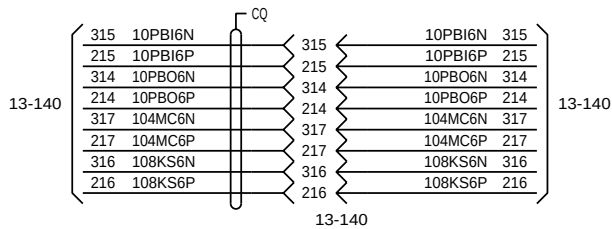
CK



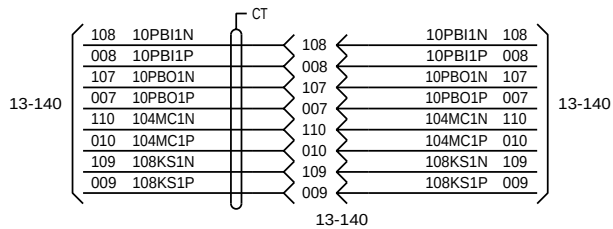
CN



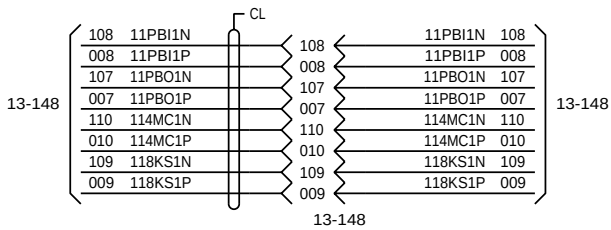
CQ



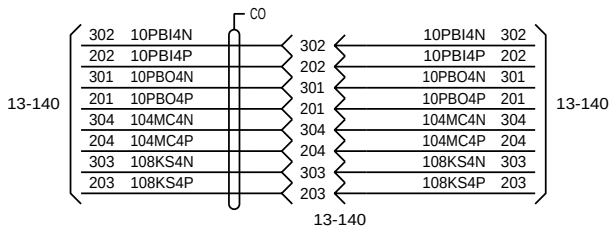
CT



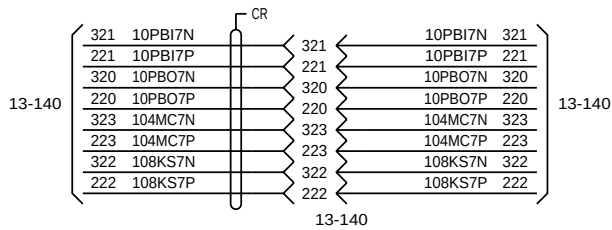
CL



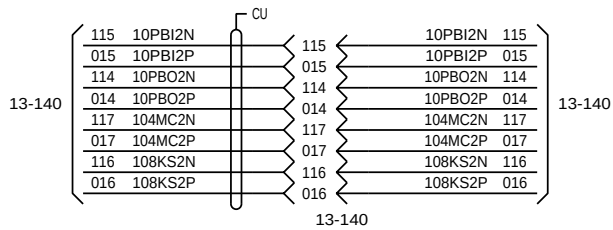
CO



CR



CU



Copyright (C) 1996 AT&T
All Rights Reserved

MODULE CONTROLLER AND
TIME SLOT INTERCHANGE UNIT

DWG SIZE
C2

ISSUE
24B

AT&T

SD-5D094-01

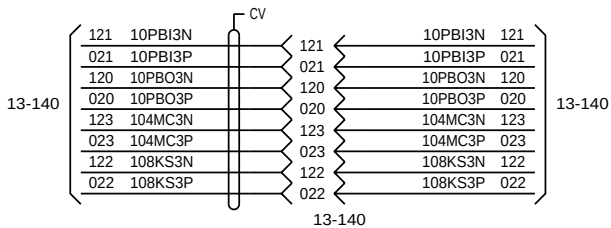
SHEET
GB11

PRINTED IN U.S.A.

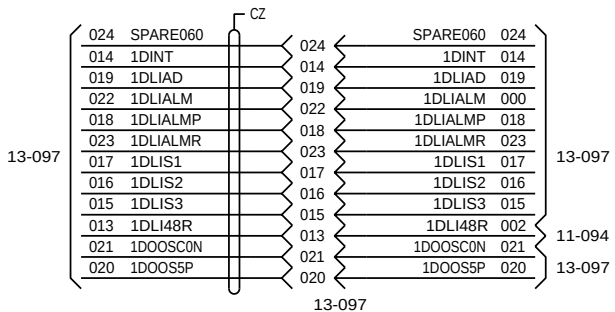
CAD 1

UNIT SYMBOL

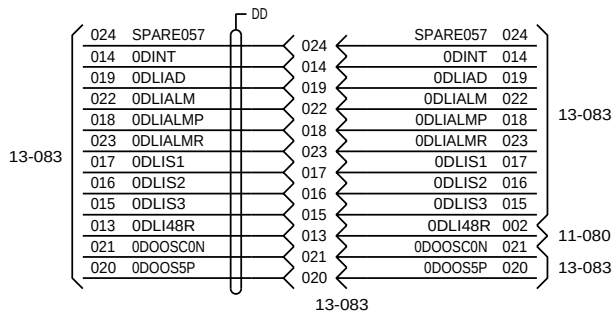
CV



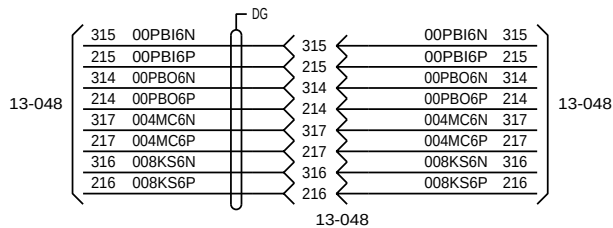
CZ



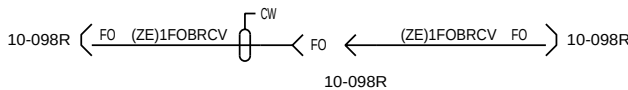
DD



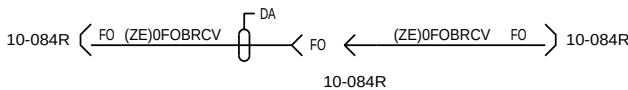
DG



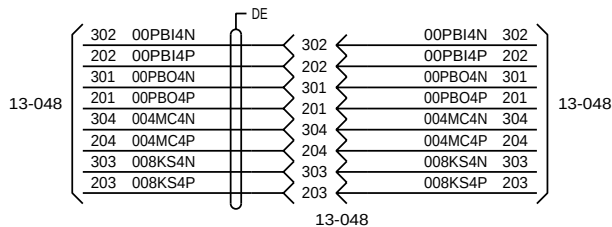
CW



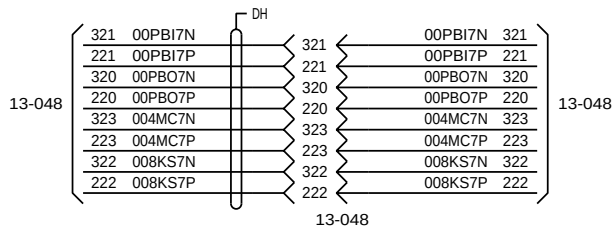
DA



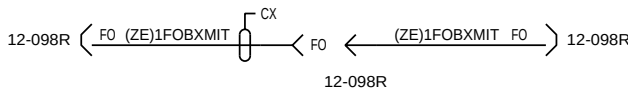
DE



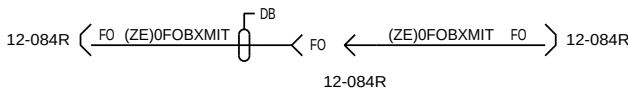
DH



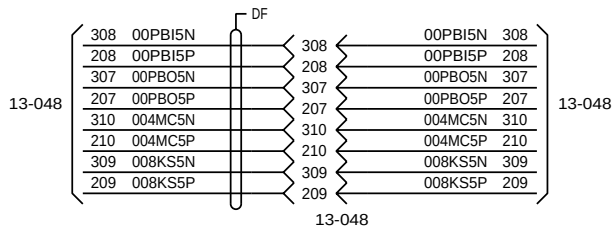
CX



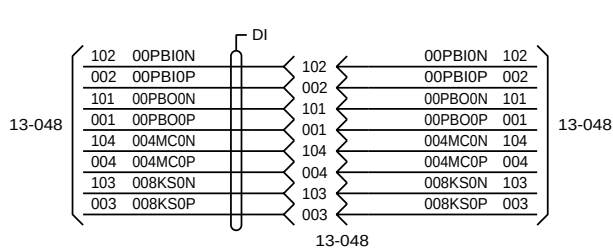
DB



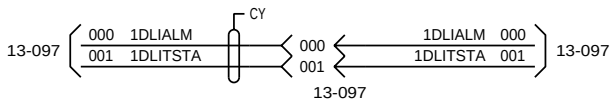
DF



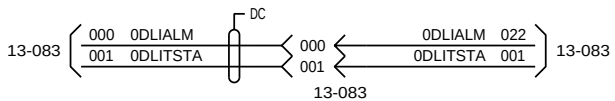
DI



CY



DC



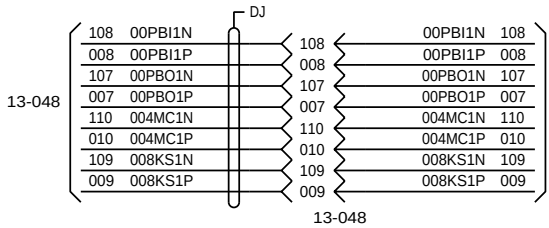
Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
	SHEET	GB12

PRINTED IN U.S.A.

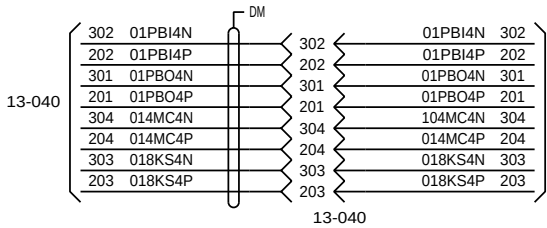
CAD 1

UNIT SYMBOL

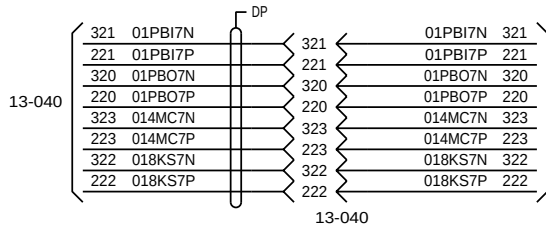
DJ



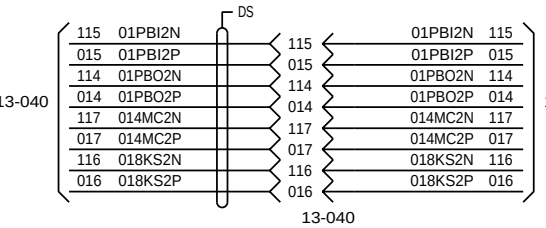
DM



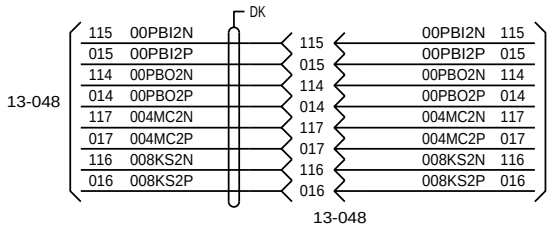
DP



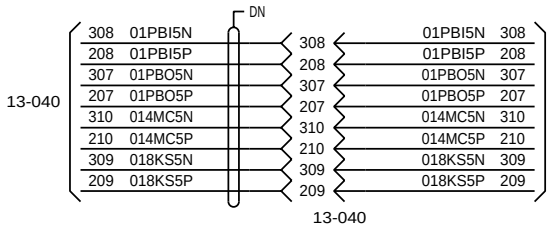
DS



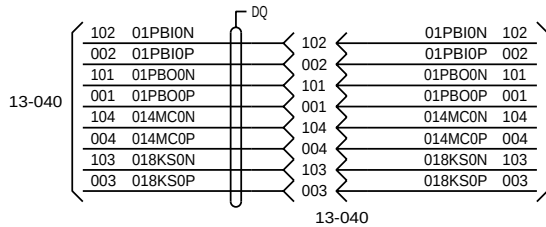
DK



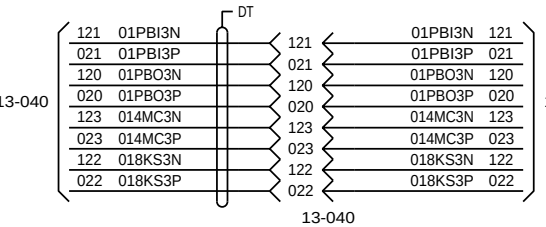
DN



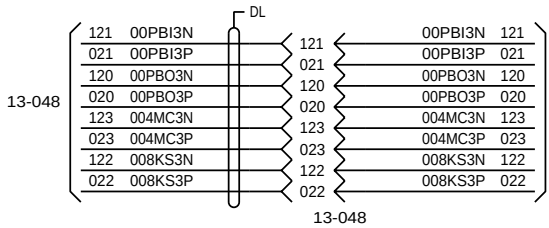
DQ



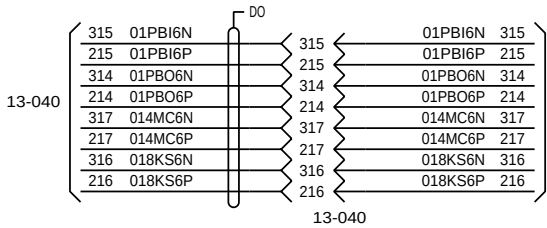
DT



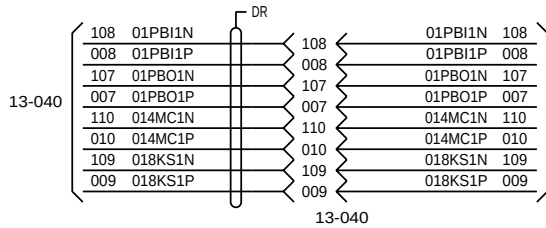
DL



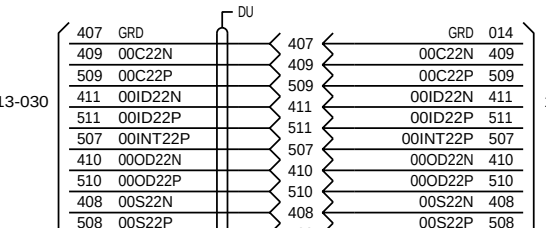
DO



DR



DU



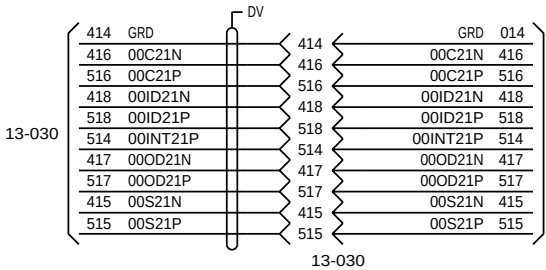
Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
		SHEET GB13

PRINTED IN U.S.A.

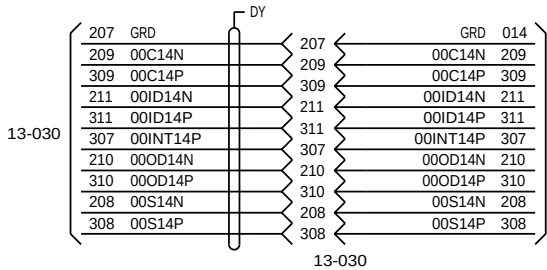
CAD 1

UNIT SYMBOL

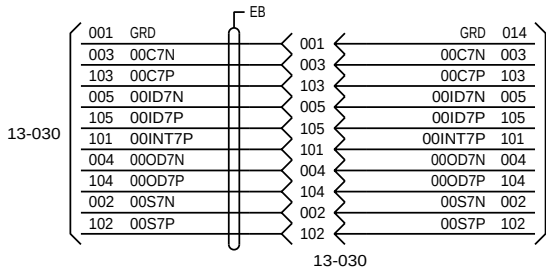
DV



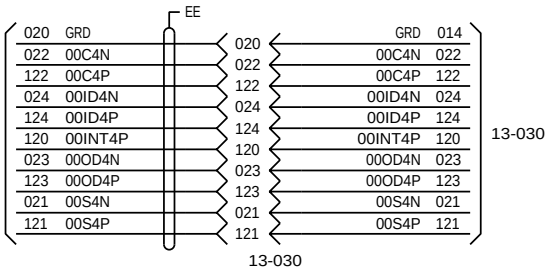
DY



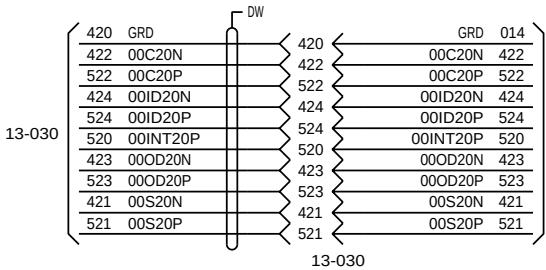
EB



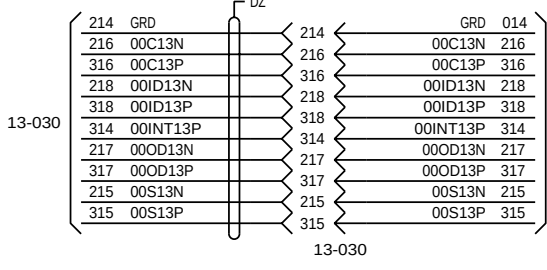
EE



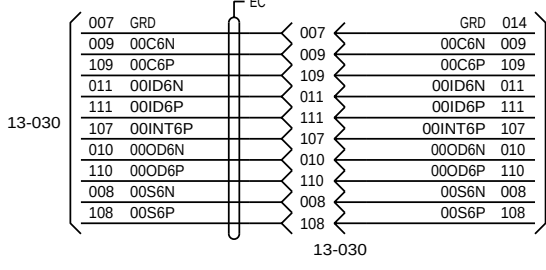
DW



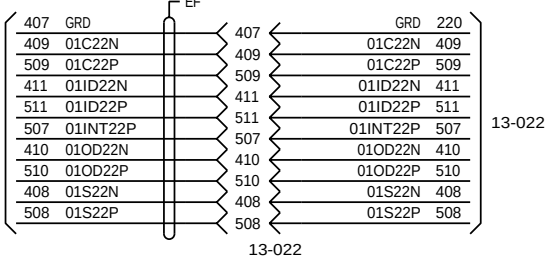
DZ



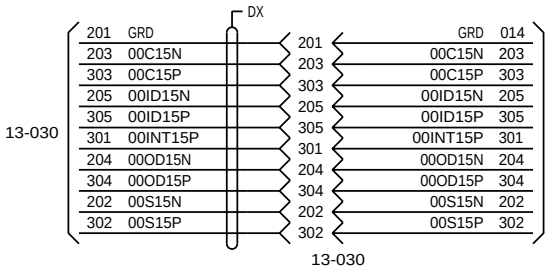
EC



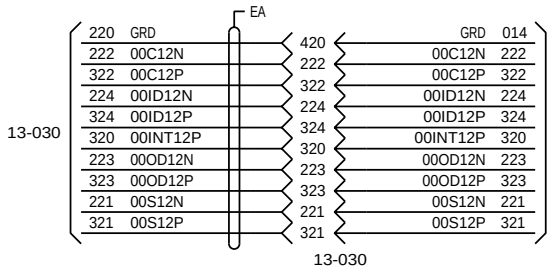
EF



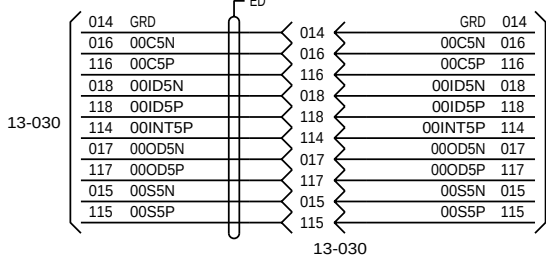
DX



EA



ED



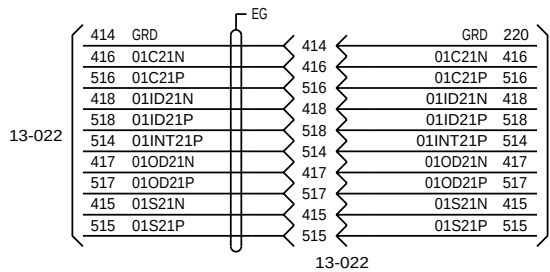
Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
	SHEET	GB14

PRINTED IN U.S.A.

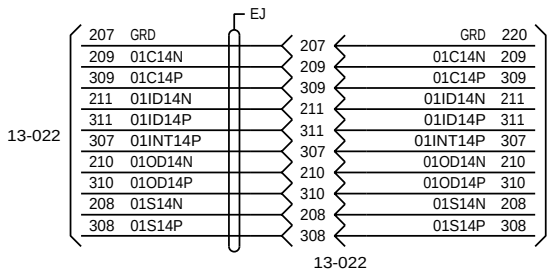
CAD 1

UNIT SYMBOL

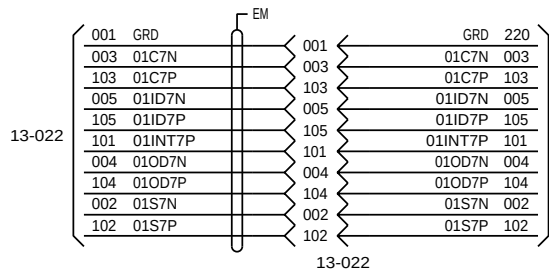
EG



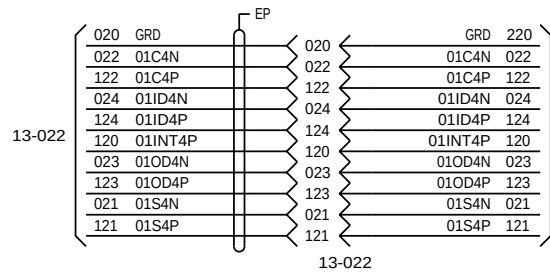
EJ



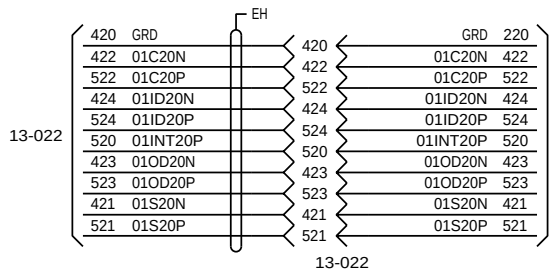
EM



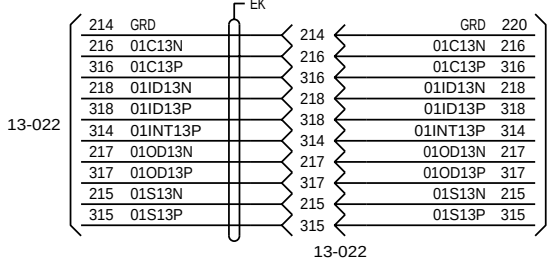
EP



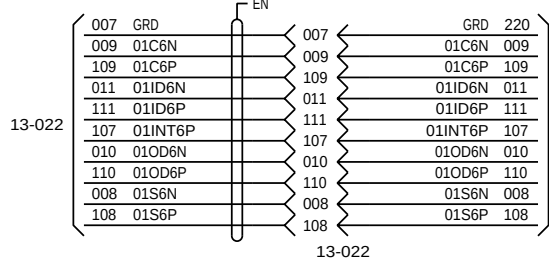
EH



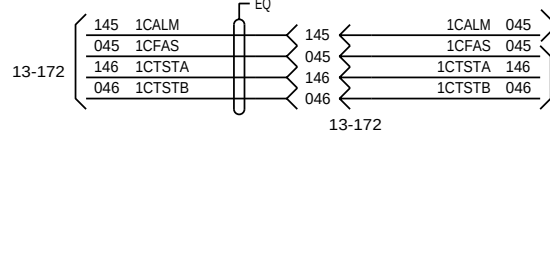
EK



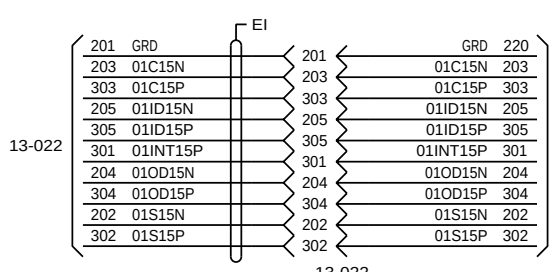
EN



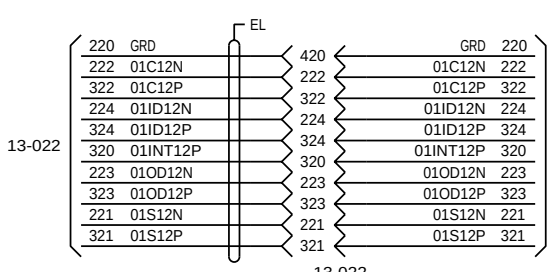
EQ



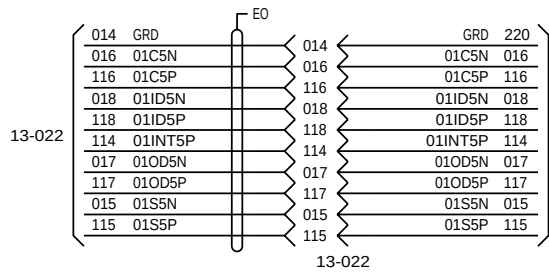
EI



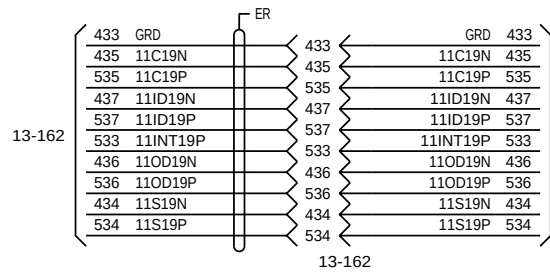
EL



E0



ER



Copyright (C) 1996 AT&T
All Rights Reserved

MODULE CONTROLLER AND
TIME SLOT INTERCHANGE UNIT

DWG SIZE
C2

ISSUE
24B

AT&T

SD-5D094-01

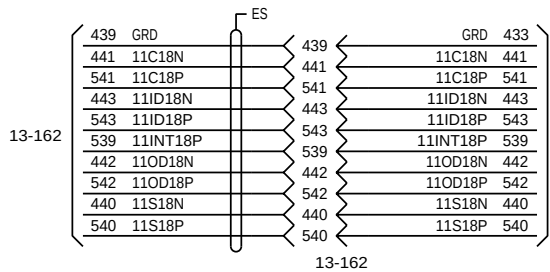
SHEET
GB15

PRINTED IN U.S.A.

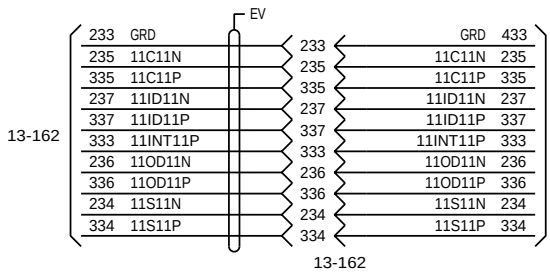
CAD 1

UNIT SYMBOL

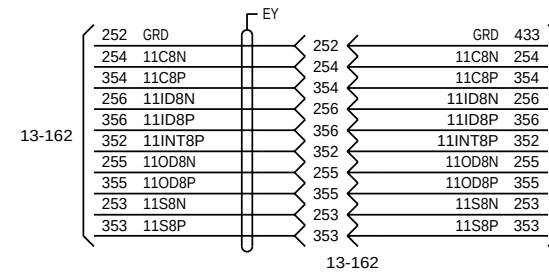
ES



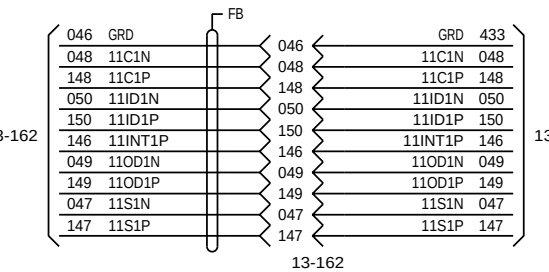
EV



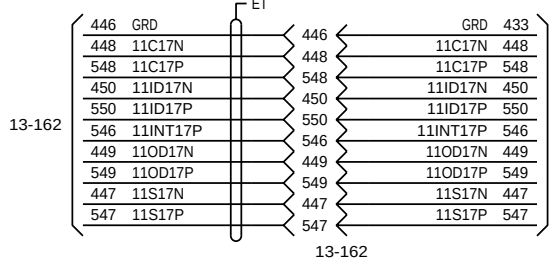
EY



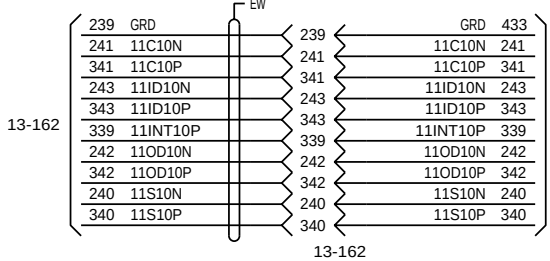
FB



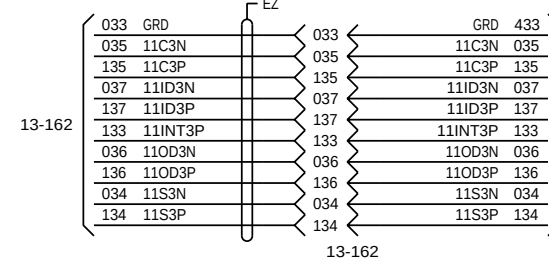
ET



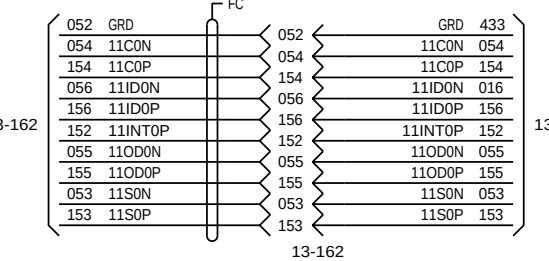
EW



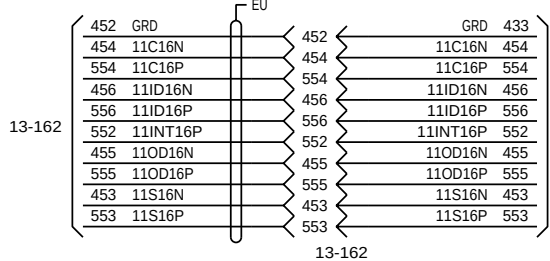
EZ



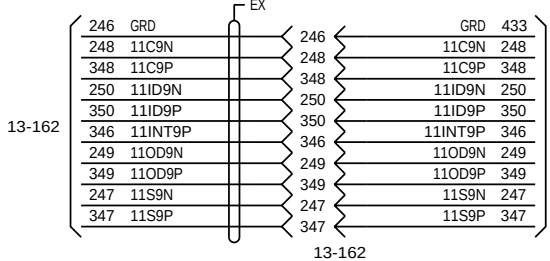
FC



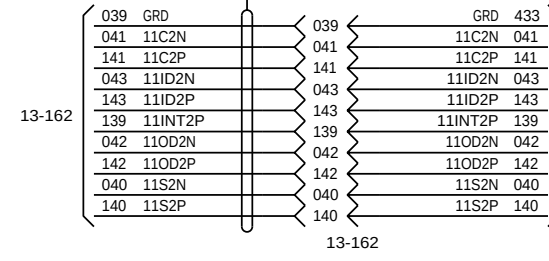
EU



EX



FA



Copyright (C) 1996 AT&T
All Rights Reserved

MODULE CONTROLLER AND
TIME SLOT INTERCHANGE UNIT

DWG SIZE
C2

ISSUE
24B

AT&T

SD-5D094-01

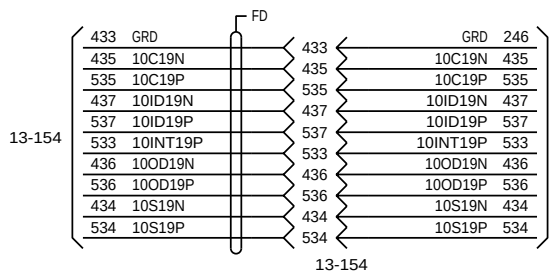
SHEET
GB16

PRINTED IN U.S.A.

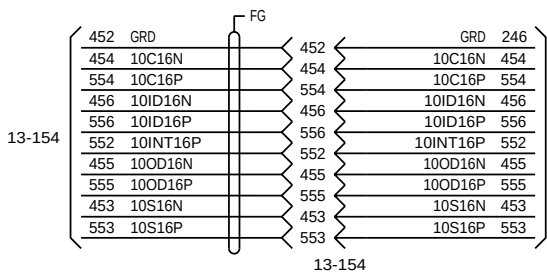
CAD 1

UNIT SYMBOL

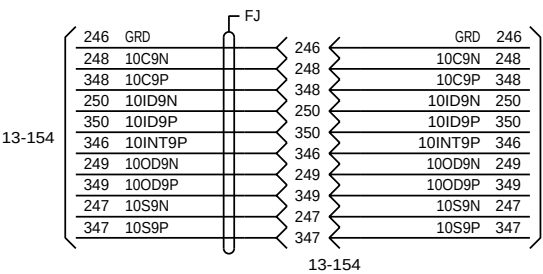
FD



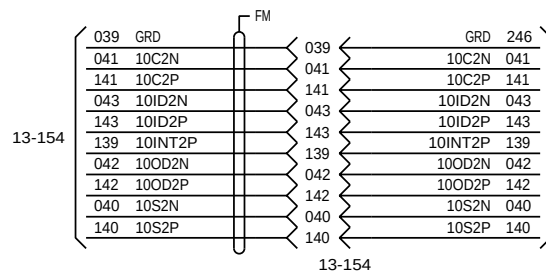
FG



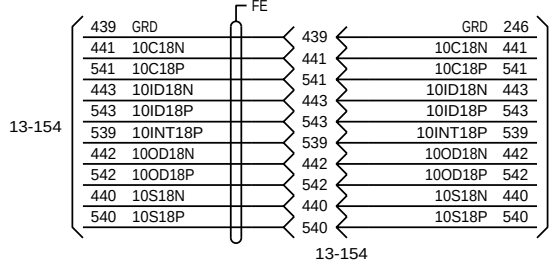
FJ



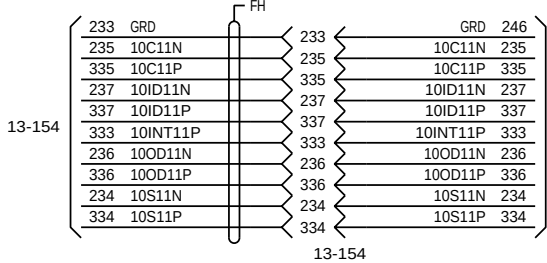
FM



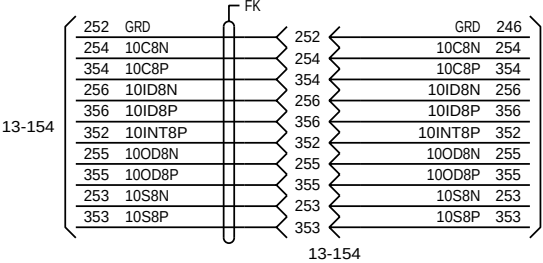
FE



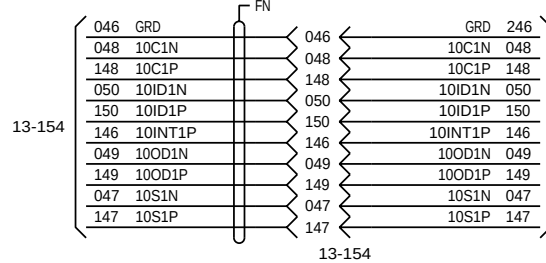
FH



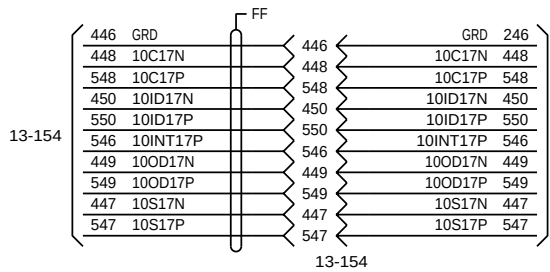
FK



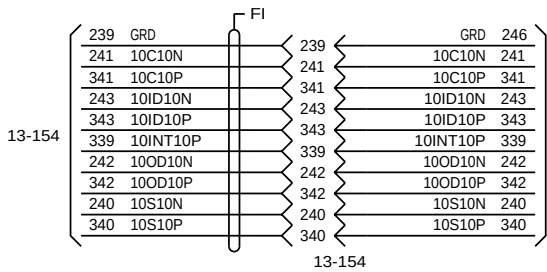
FN



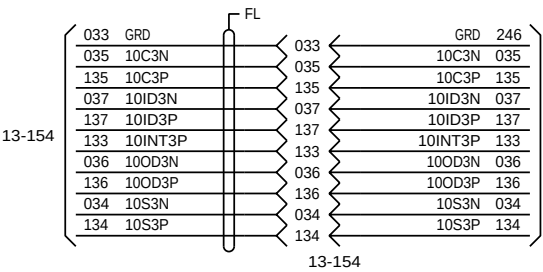
FF



FI



FL



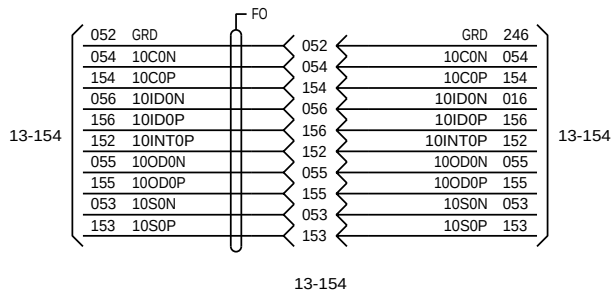
Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
	SHEET	GB17

PRINTED IN U.S.A.

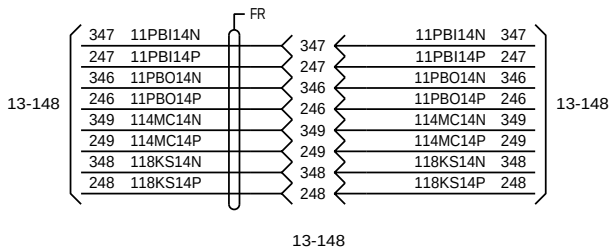
CAD 1

UNIT SYMBOL

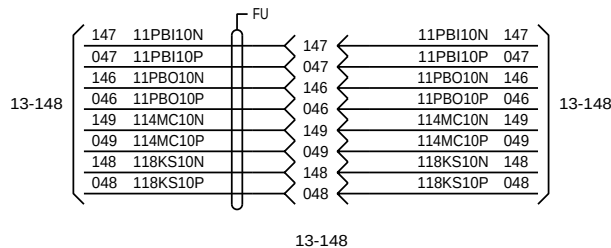
FO



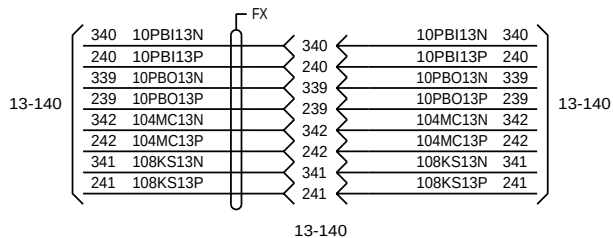
FR



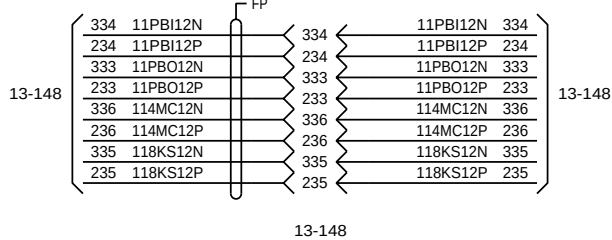
FU



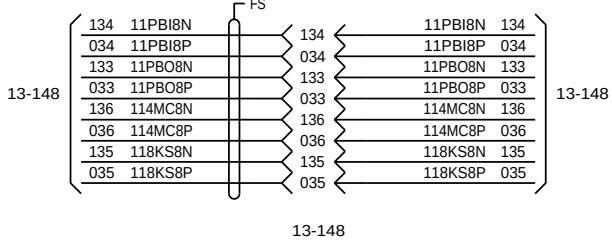
FX



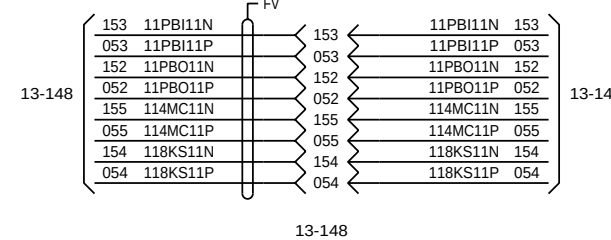
FP



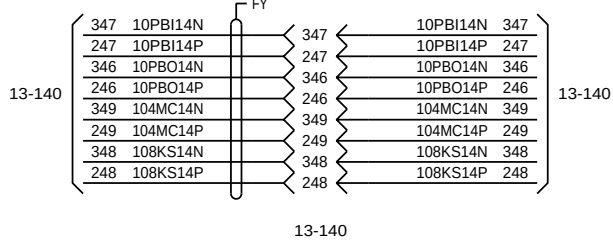
FS



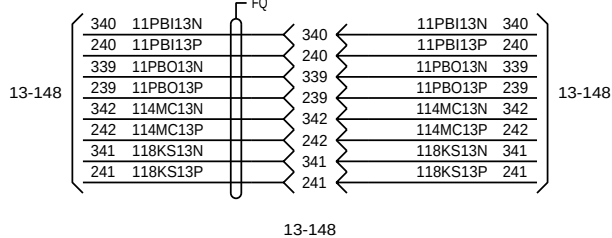
FV



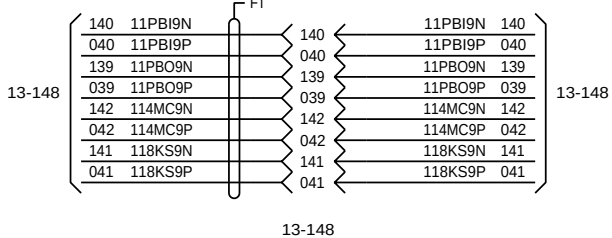
FY



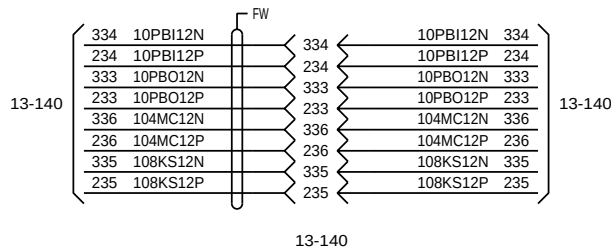
FQ



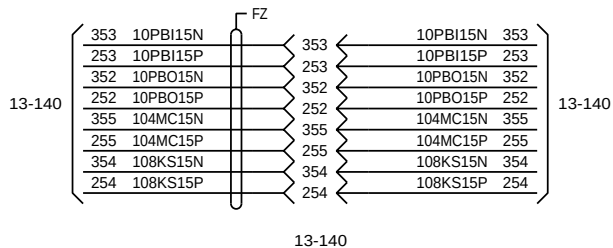
FT



FW



FZ



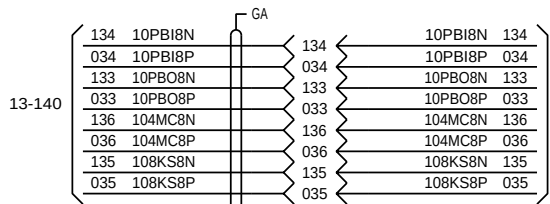
Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
		SHEET GB18

PRINTED IN U.S.A.

CAD 1

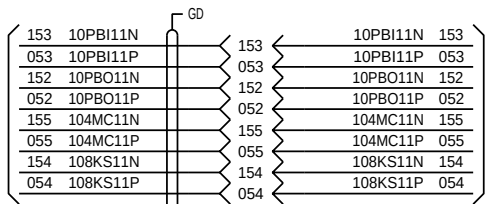
UNIT SYMBOL

GA



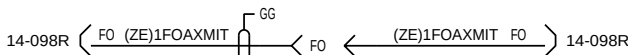
13-140

GD



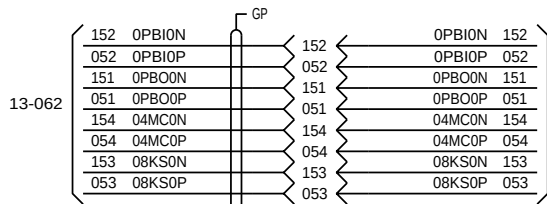
13-140

GG



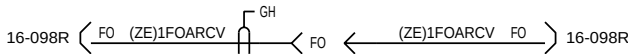
14-098R

GP



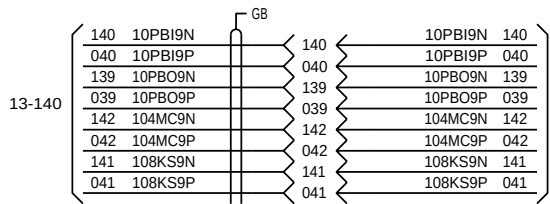
13-062

GH



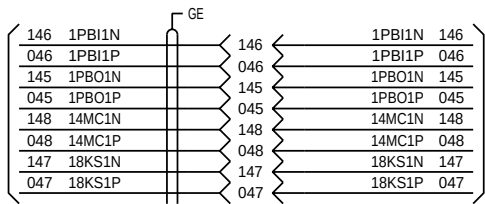
16-098R

GB



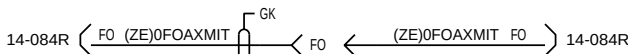
13-140

GE



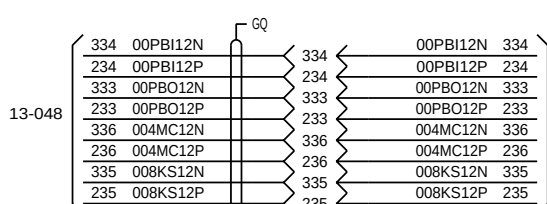
13-122

GK



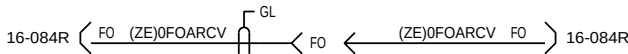
14-084R

GQ



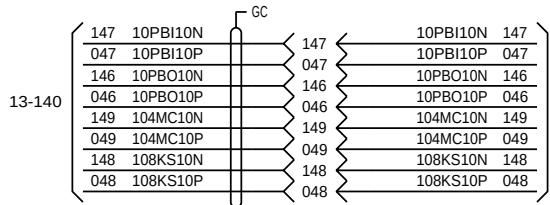
13-048

GL



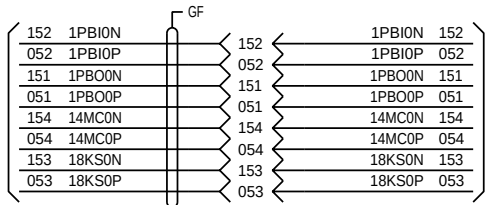
16-084R

GC



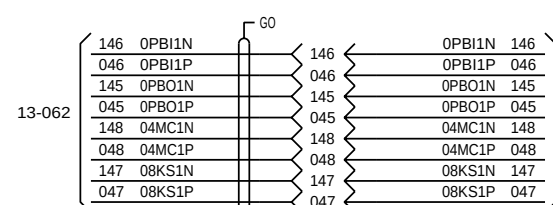
13-140

GF



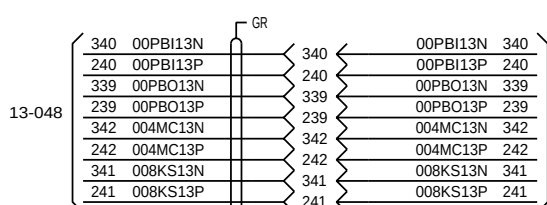
13-122

GO



13-062

GR



13-048

Copyright (C) 1996 AT&T
All Rights Reserved

MODULE CONTROLLER AND
TIME SLOT INTERCHANGE UNIT

DWG SIZE
C2

ISSUE
24B

AT&T

SD-5D094-01

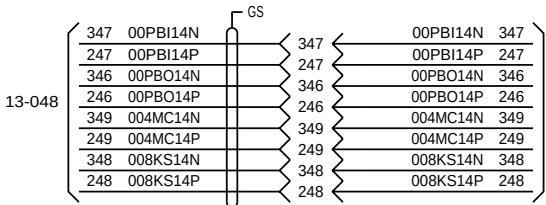
SHEET
GB19

PRINTED IN U.S.A.

CAD 1

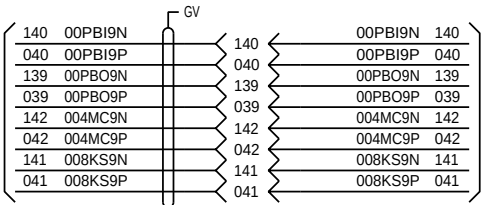
UNIT SYMBOL

GS



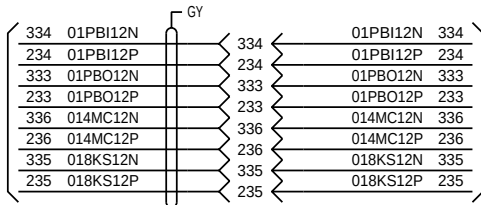
13-048

GV



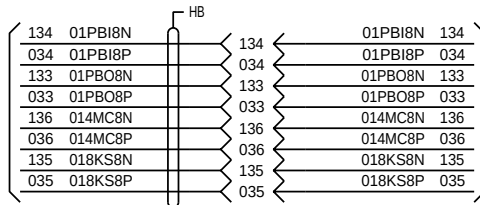
13-048

GY



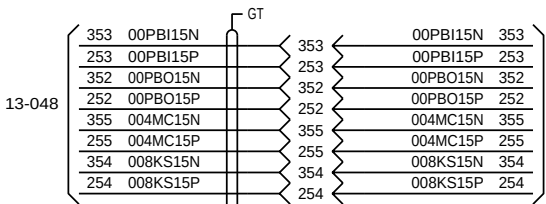
13-040

HB



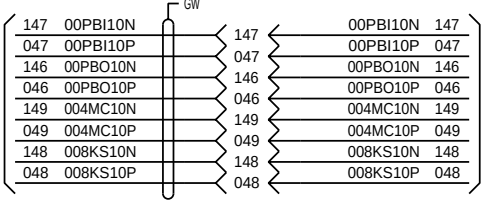
13-040

GT



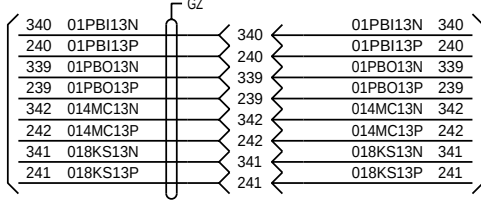
13-048

GW



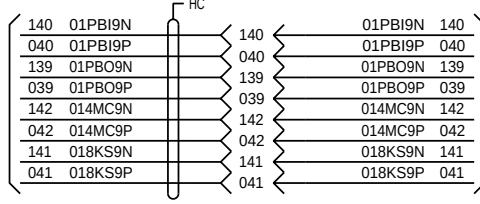
13-048

GZ



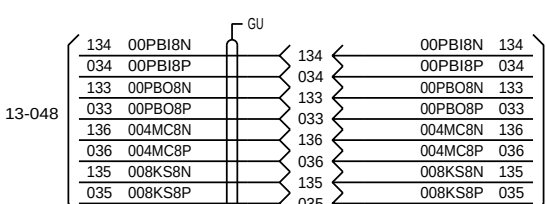
13-040

HC



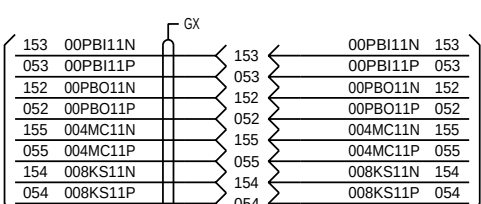
13-040

GU



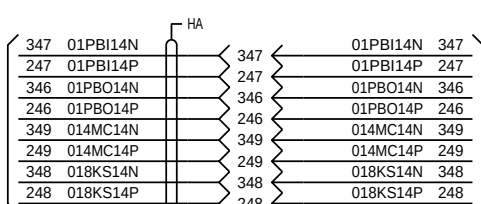
13-048

GX



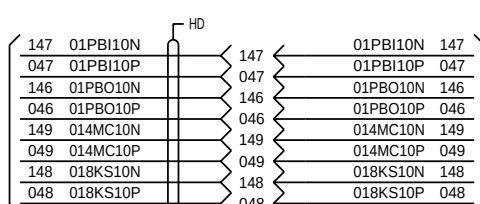
13-048

HA



13-040

HD



13-040

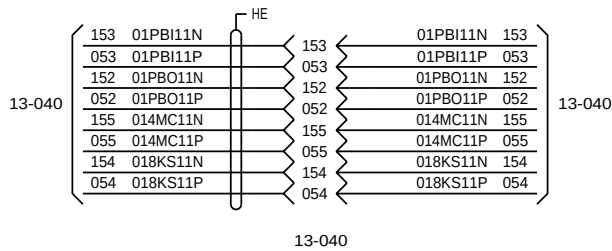
Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
		SHEET GB20

PRINTED IN U.S.A.

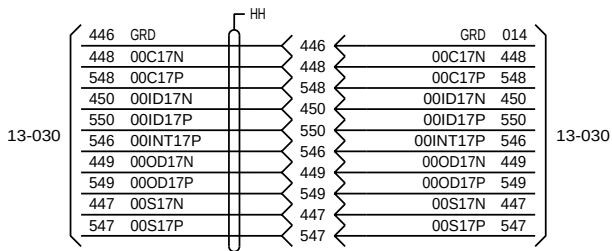
CAD 1

UNIT SYMBOL

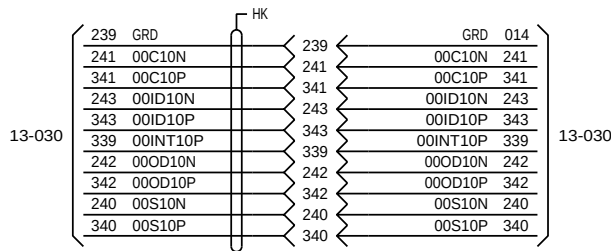
HE



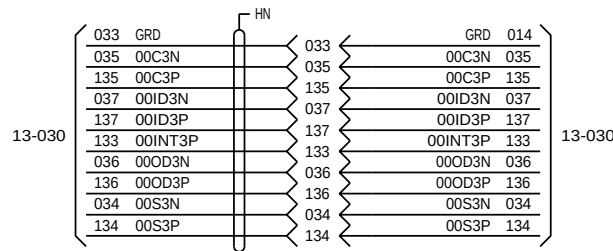
HH



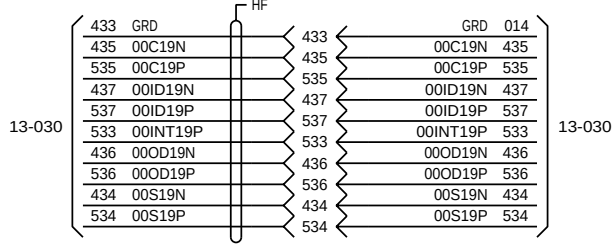
HK



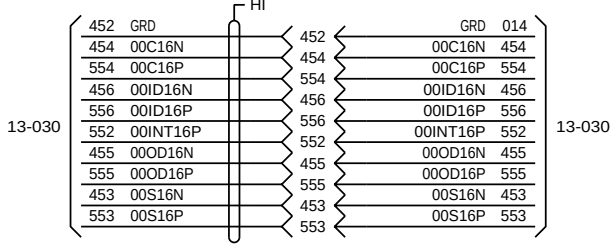
HN



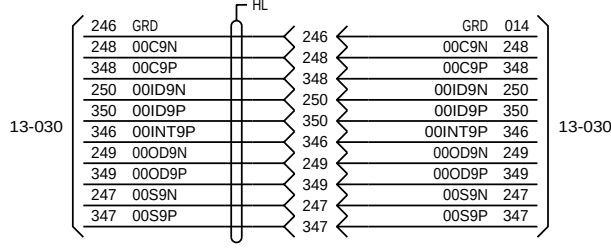
HF



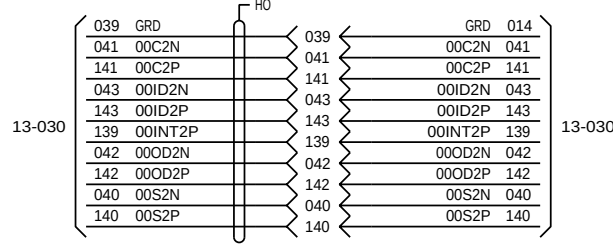
HI



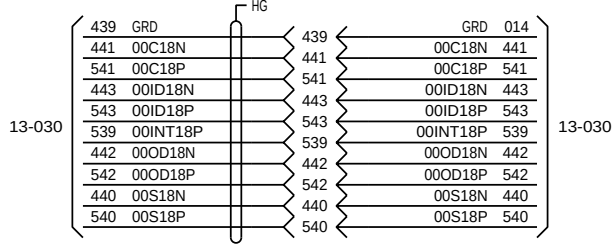
HL



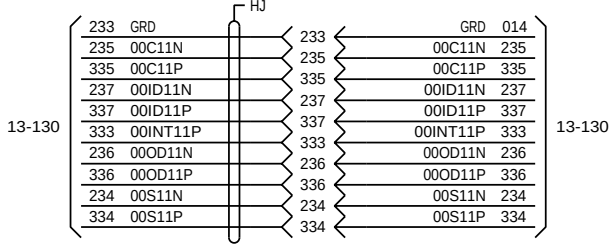
HO



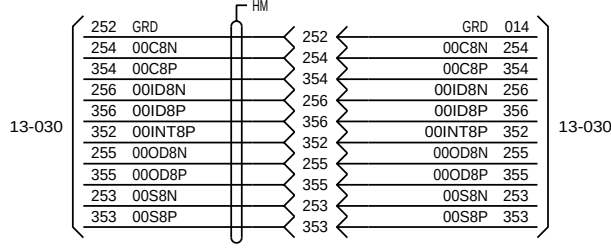
HG



HJ



HM



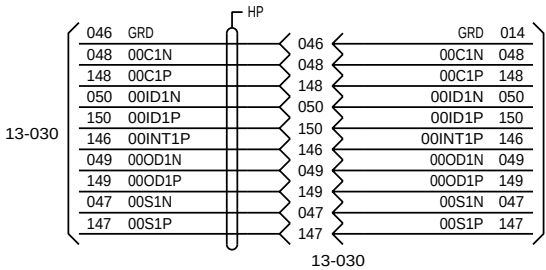
Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
		SHEET GB21

PRINTED IN U.S.A.

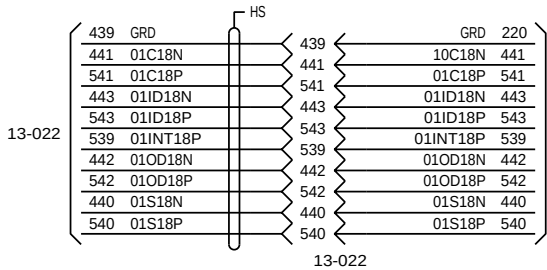
CAD 1

UNIT SYMBOL

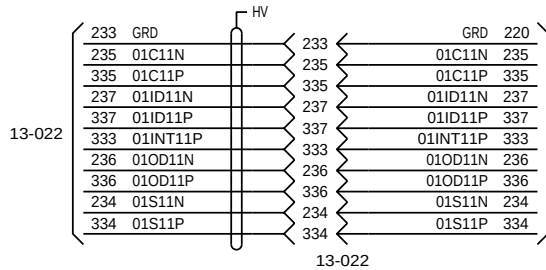
HP



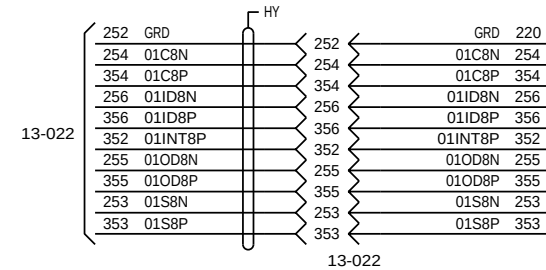
HS



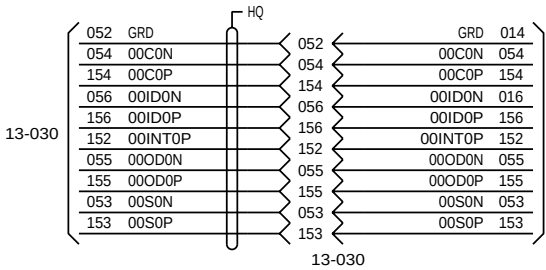
HV



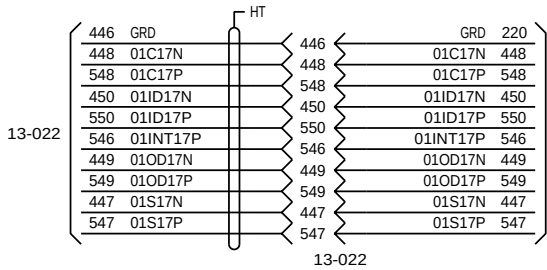
HY



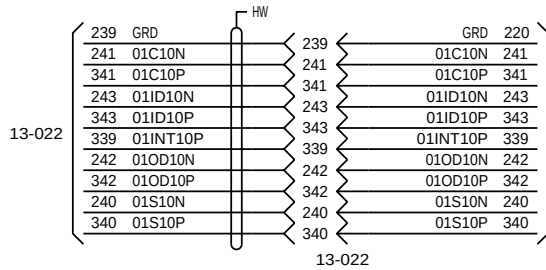
HQ



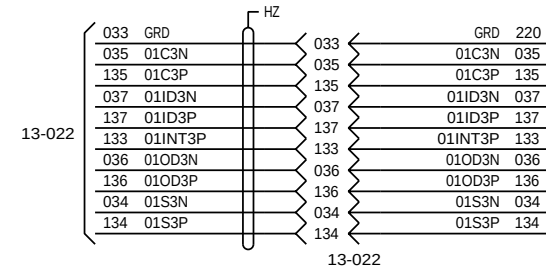
HT



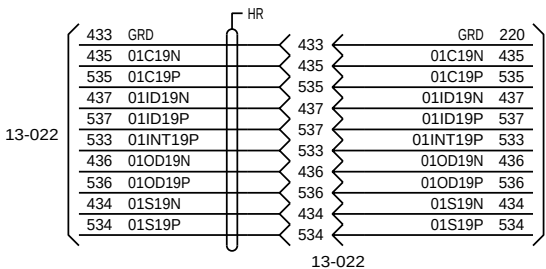
HW



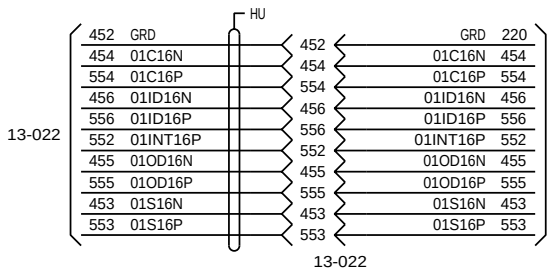
HZ



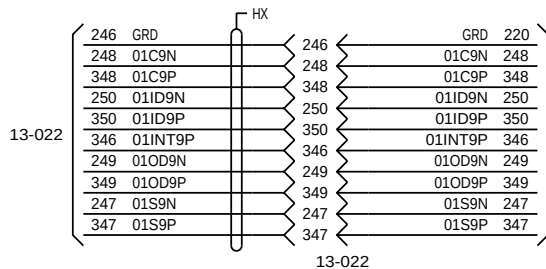
HR



HU



HX



Copyright (C) 1996 AT&T
All Rights Reserved

MODULE CONTROLLER AND
TIME SLOT INTERCHANGE UNIT

DWG SIZE
C2

ISSUE
24B

AT&T

SD-5D094-01

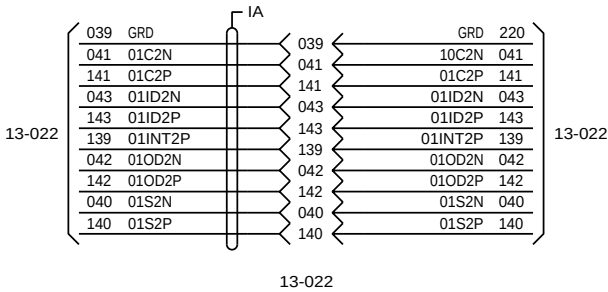
SHEET
GB22

PRINTED IN U.S.A.

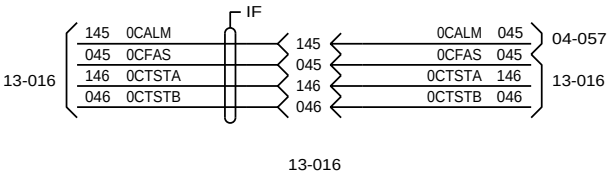
CAD 1

UNIT SYMBOL

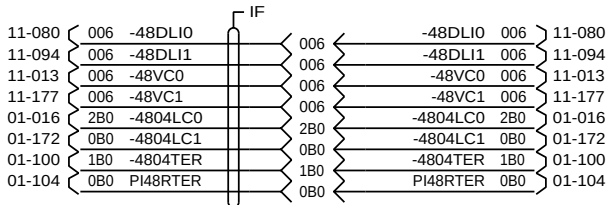
IA



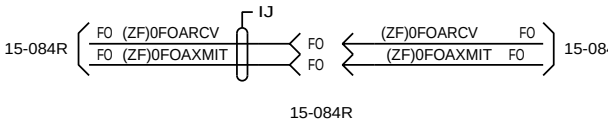
ID



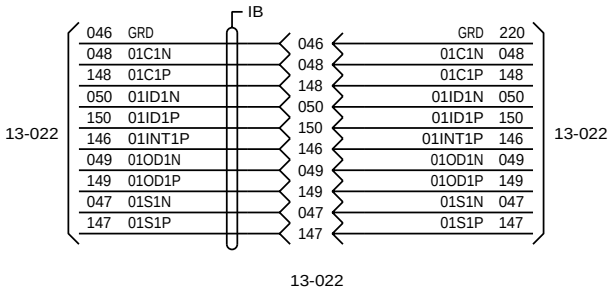
IF



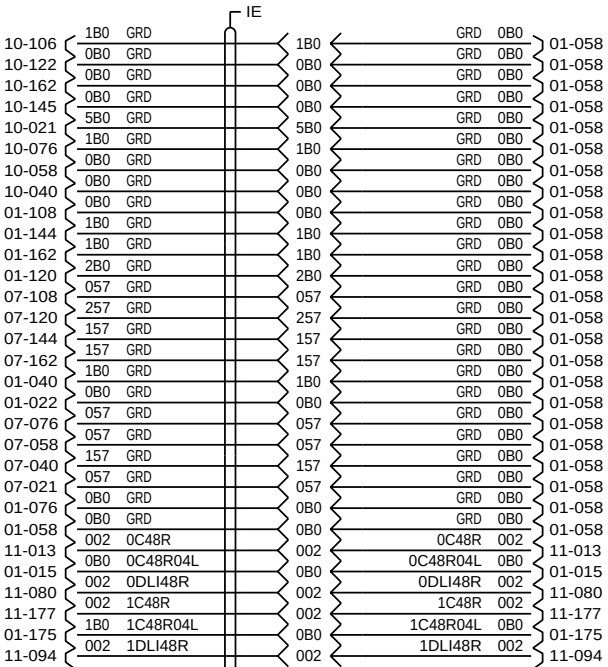
IJ



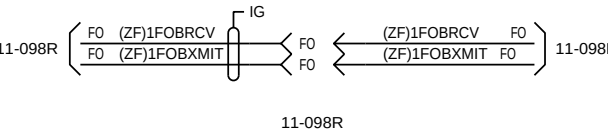
IB



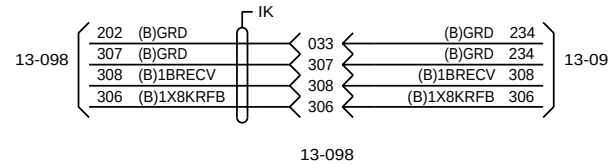
IE



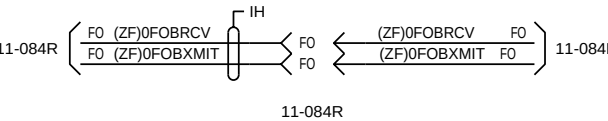
IG



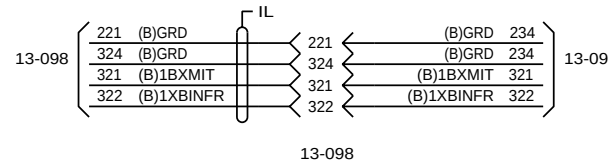
IK



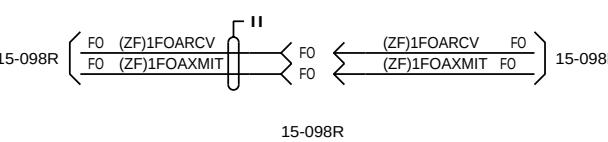
IH



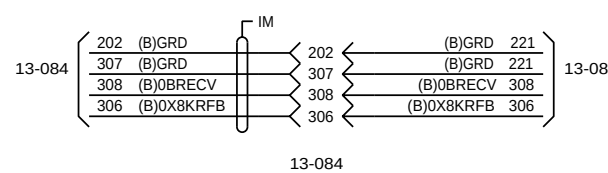
IL



II



IM



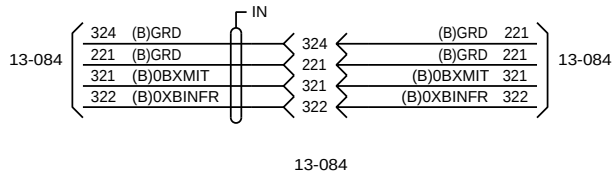
Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
	SHEET	GB23

PRINTED IN U.S.A.

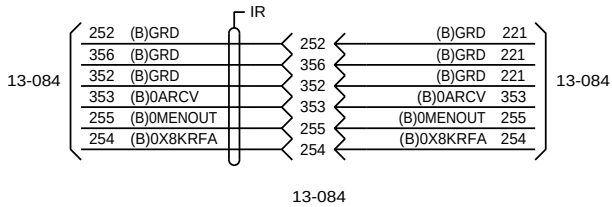
CAD 1

UNIT SYMBOL

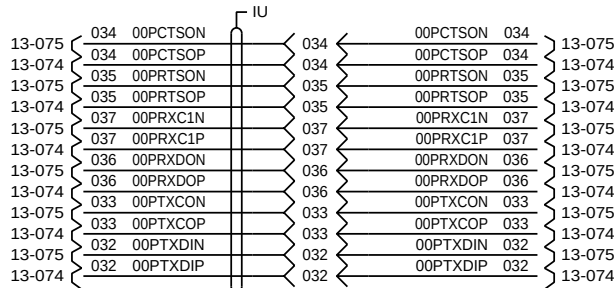
IN



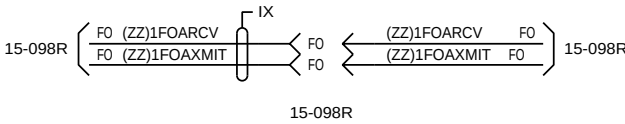
IR



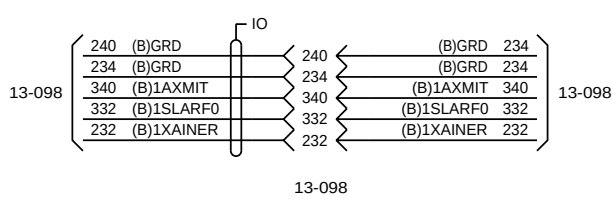
IU



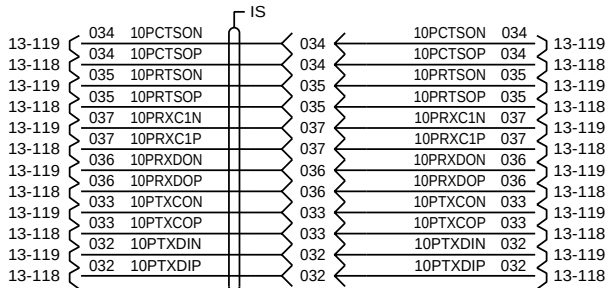
IX



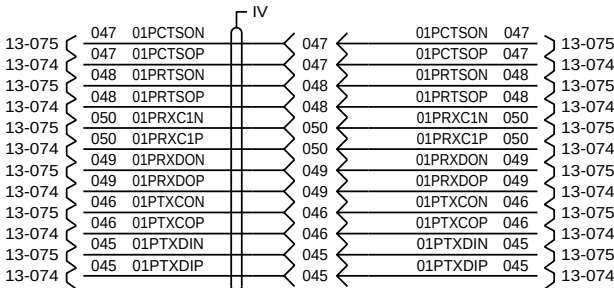
IO



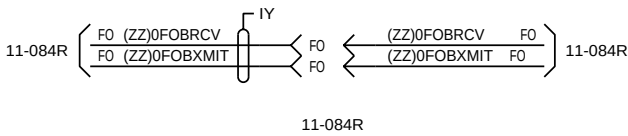
IS



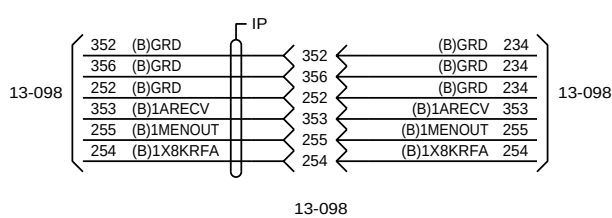
IV



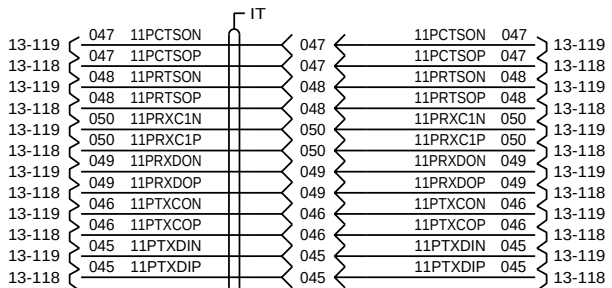
IY



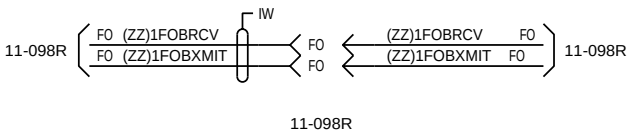
IP



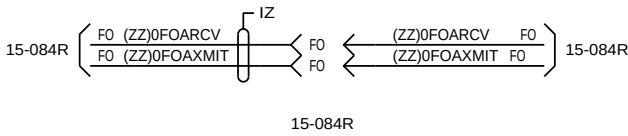
IT



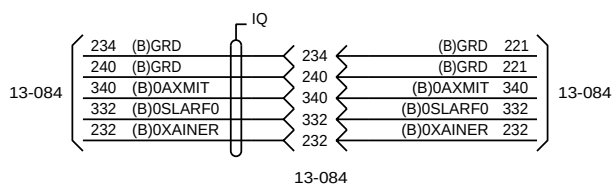
IW



IZ



IQ



Copyright (C) 1996 AT&T
All Rights Reserved

MODULE CONTROLLER AND
TIME SLOT INTERCHANGE UNIT

DWG SIZE
C2

ISSUE
24B

AT&T

SD-5D094-01

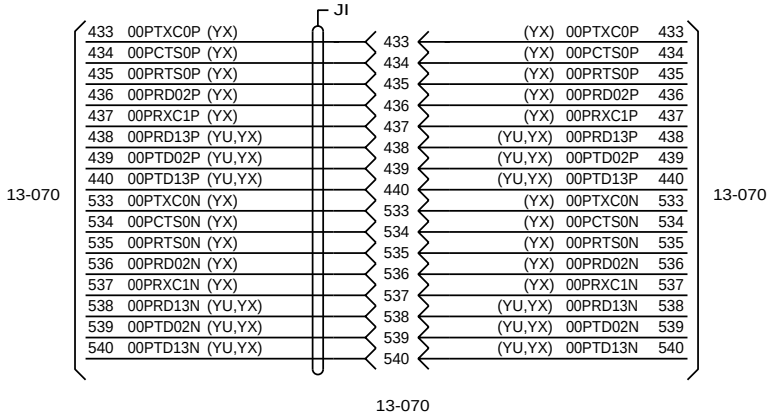
SHEET
GB24

PRINTED IN U.S.A.

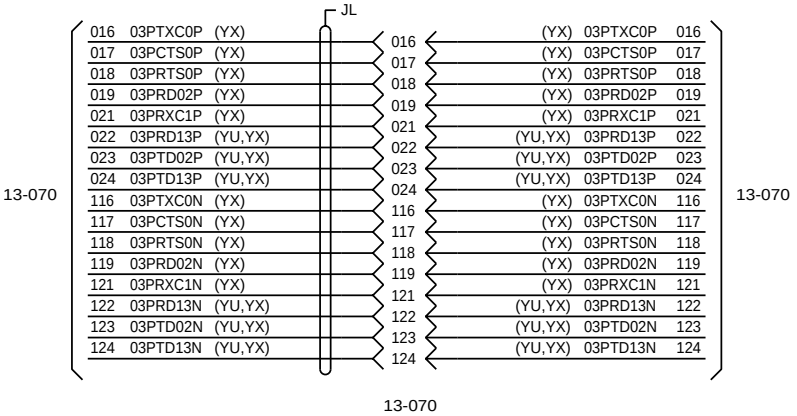
CAD 1

UNIT SYMBOL

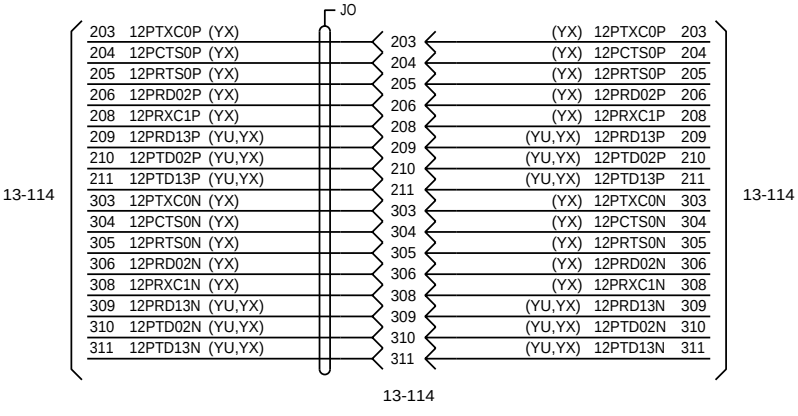
J1



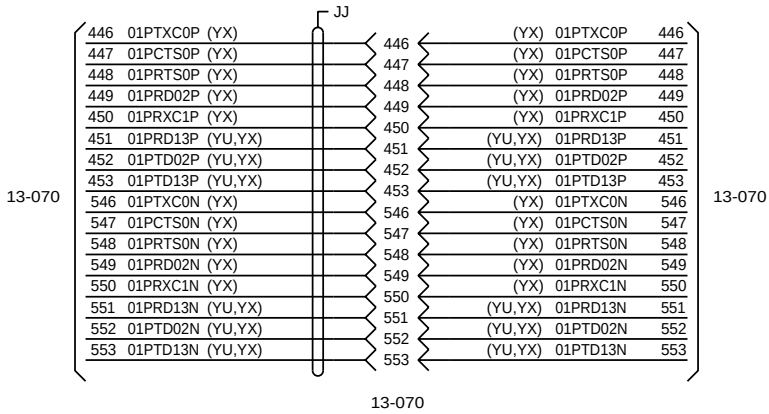
JL



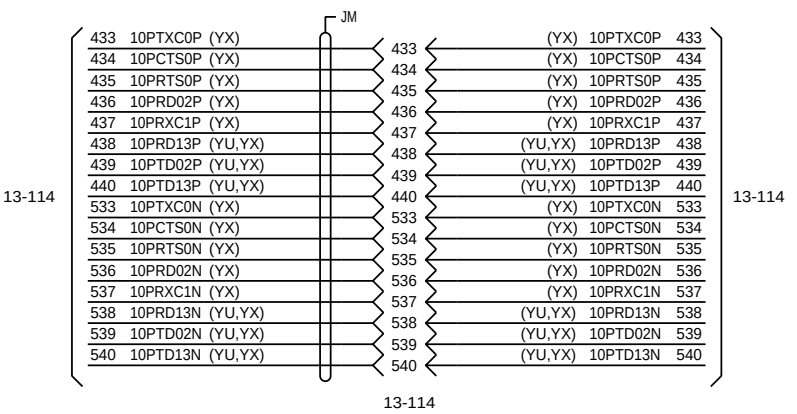
JO



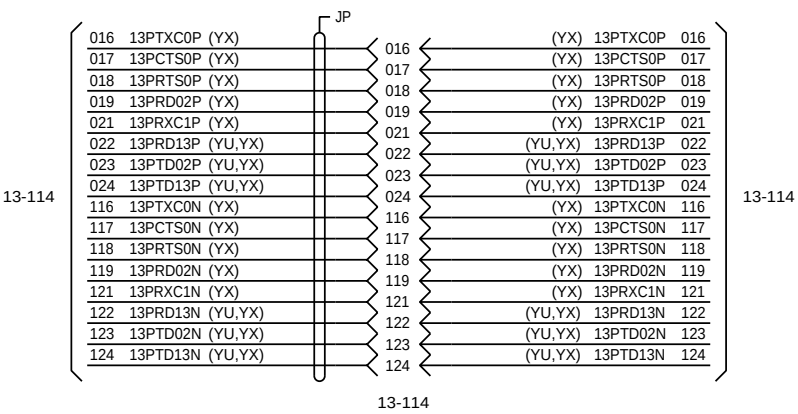
JJ



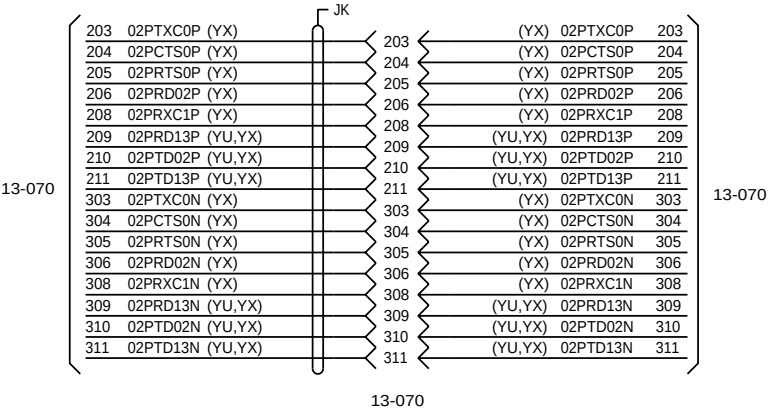
JM



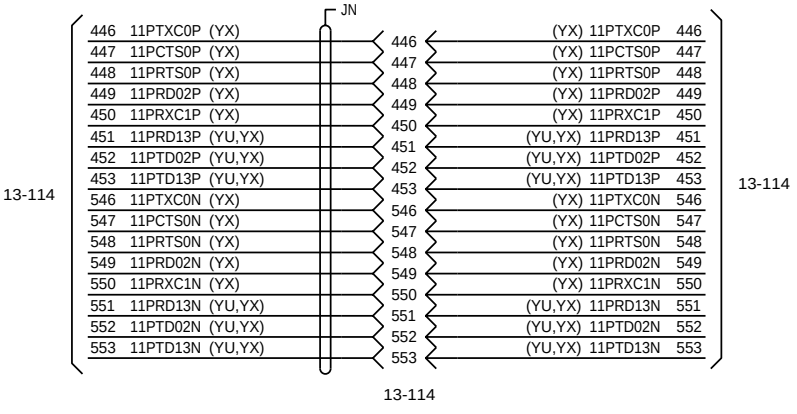
JP



JK



JN



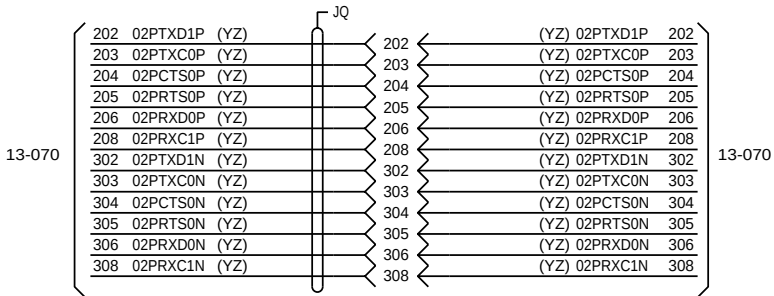
Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
		SHEET GB25

PRINTED IN U.S.A.

CAD 1

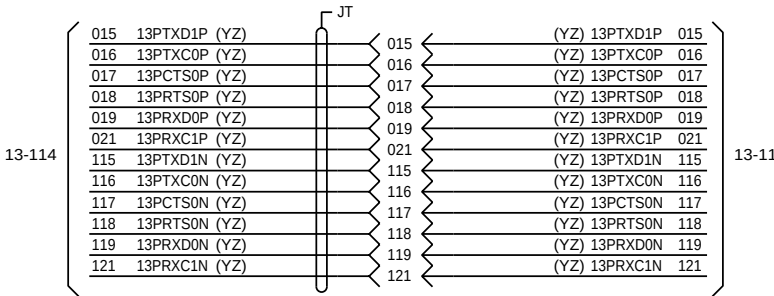
UNIT SYMBOL

JQ



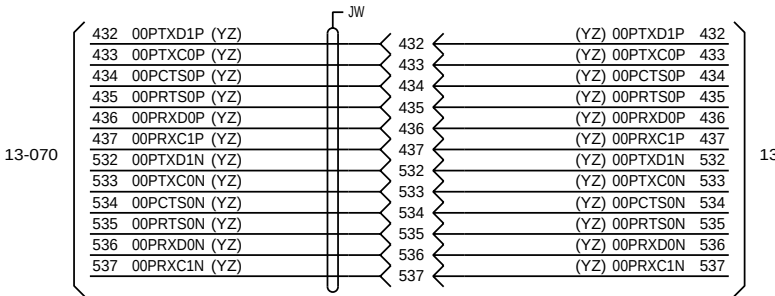
13-070

JT



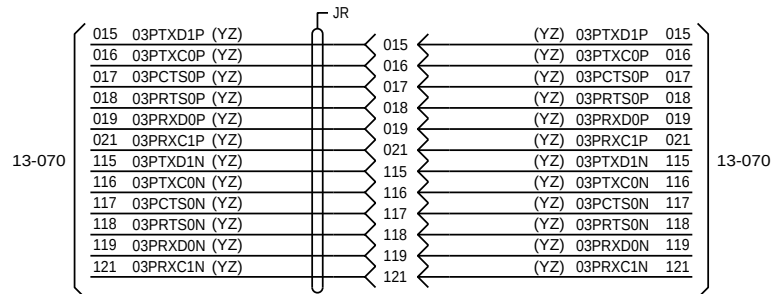
13-114

JW



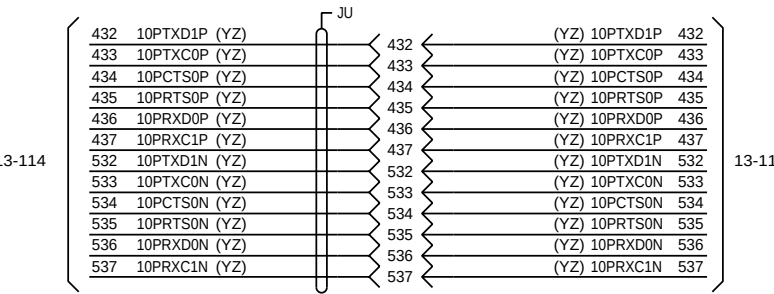
13-070

JR



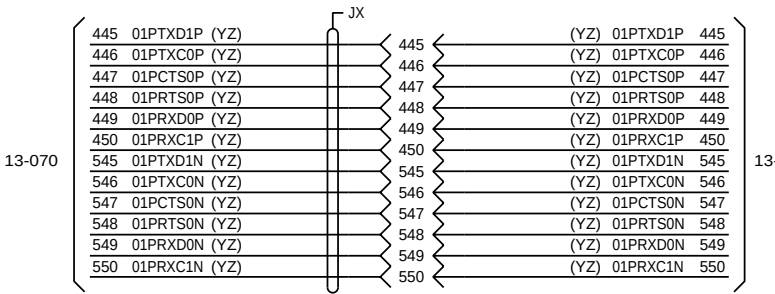
13-070

JU



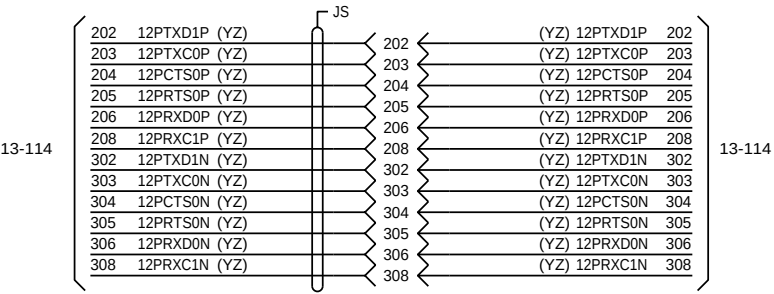
13-114

JX



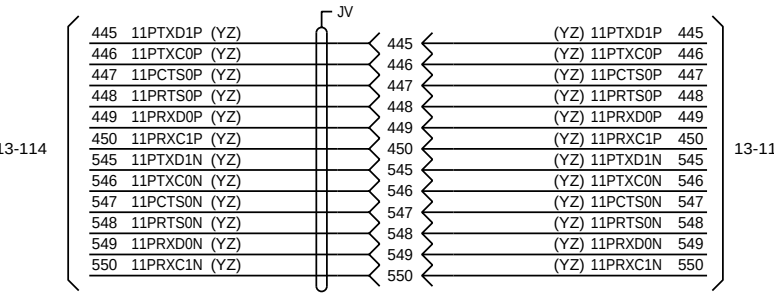
13-070

JS



13-114

JV



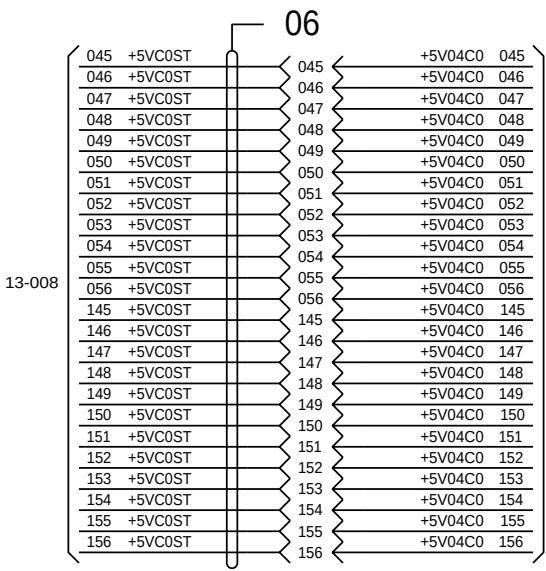
13-114

Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
	SHEET	GB26

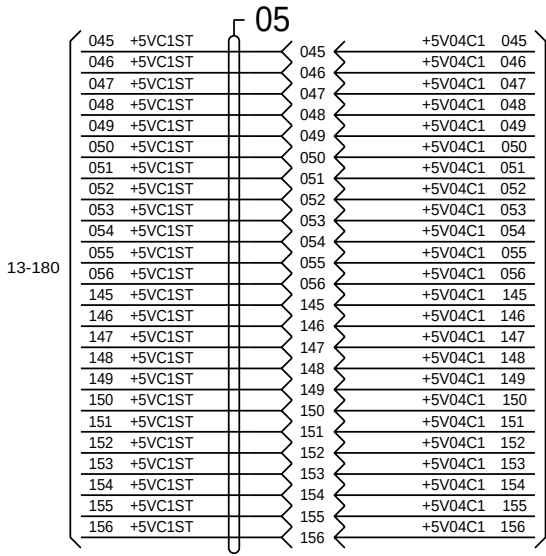
PRINTED IN U.S.A.

CAD 2

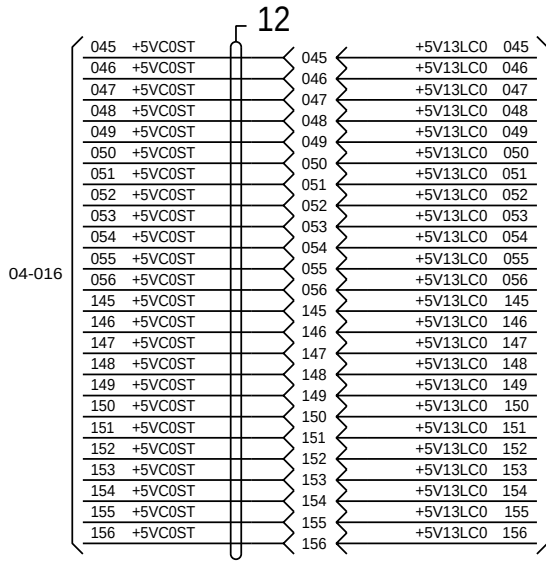
COST REDUCED POWER CABLES



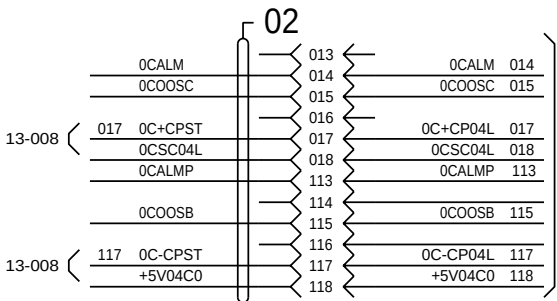
04-016 JACK / CP



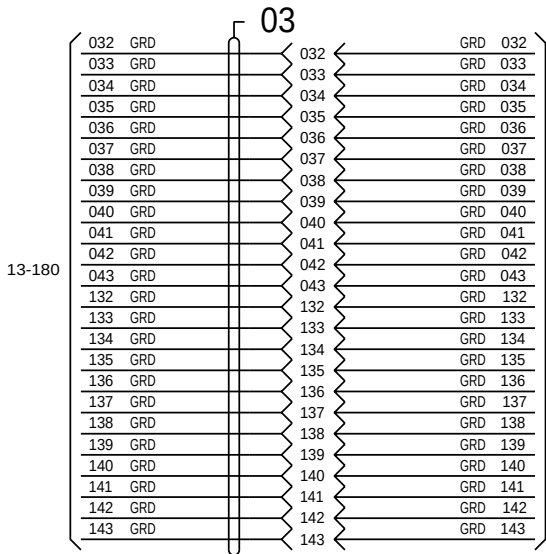
04-178 JACK / CP



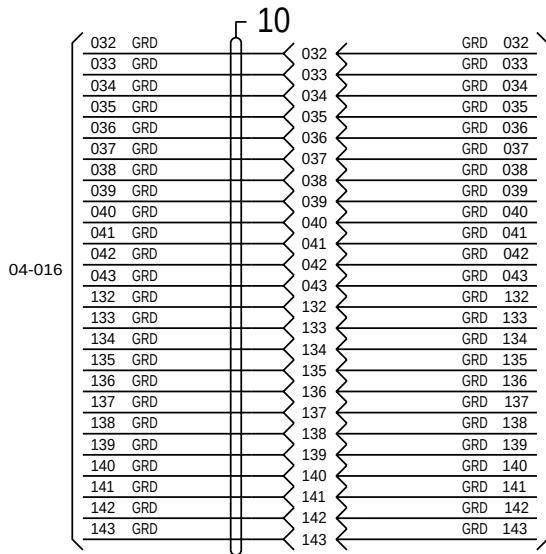
13-008 JACK / CP



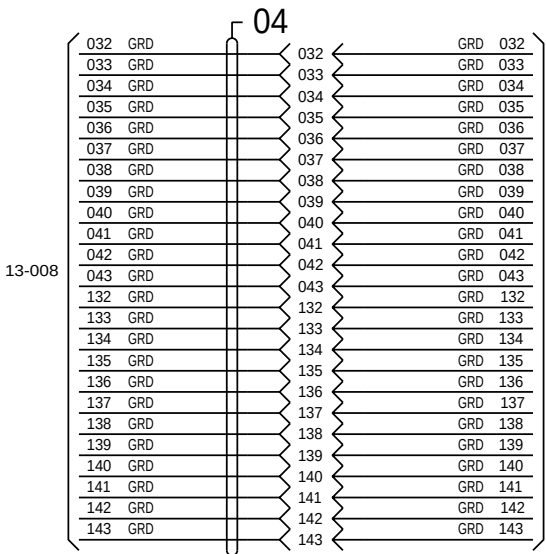
04-016 JACK / CP



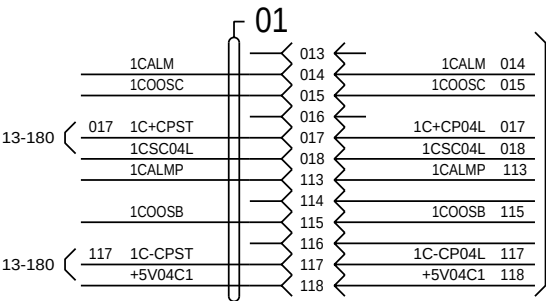
04-178 JACK / CP



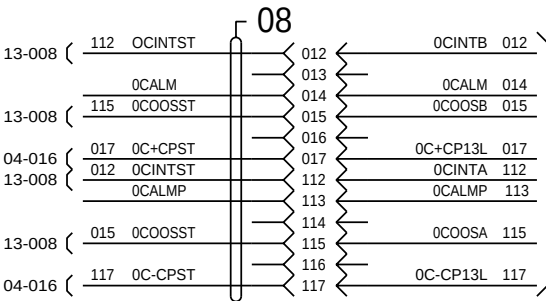
13-008 JACK / CP



04-016 JACK / CP



04-178



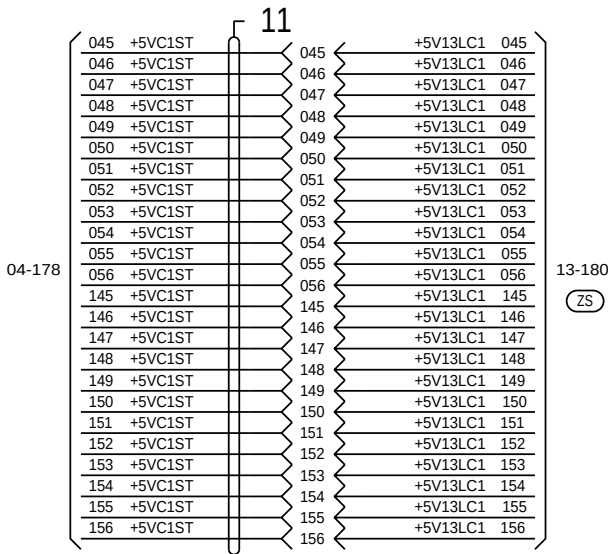
13-008 JACK - CP

Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
	SHEET	GB27

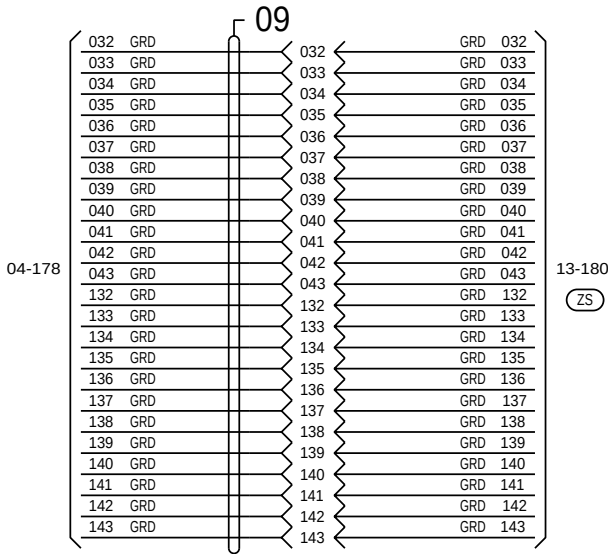
PRINTED IN U.S.A.

CAD 2

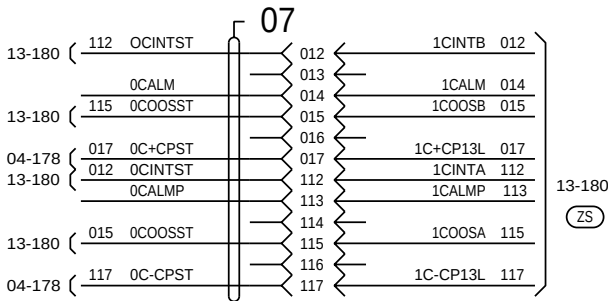
(CONT'D)



13-180 JACK / CP



13-180 JACK / CP



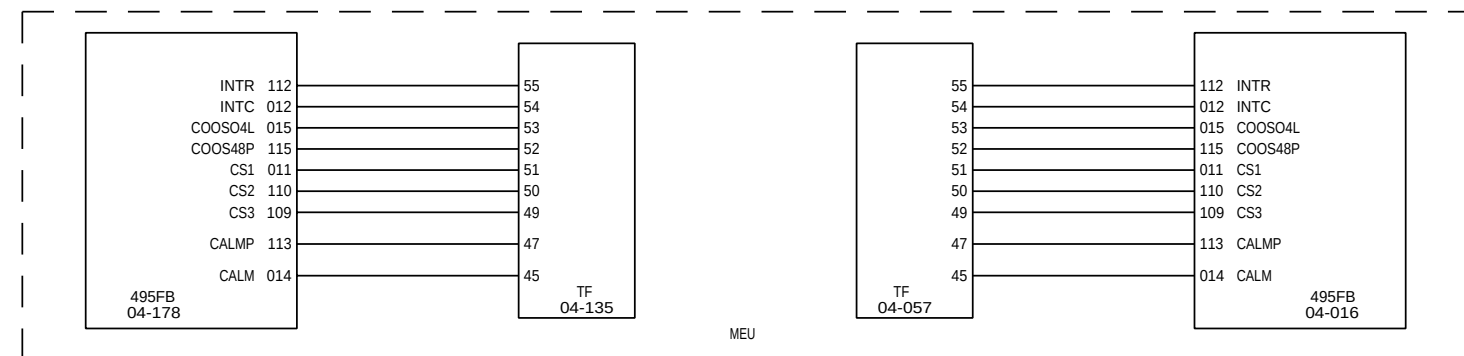
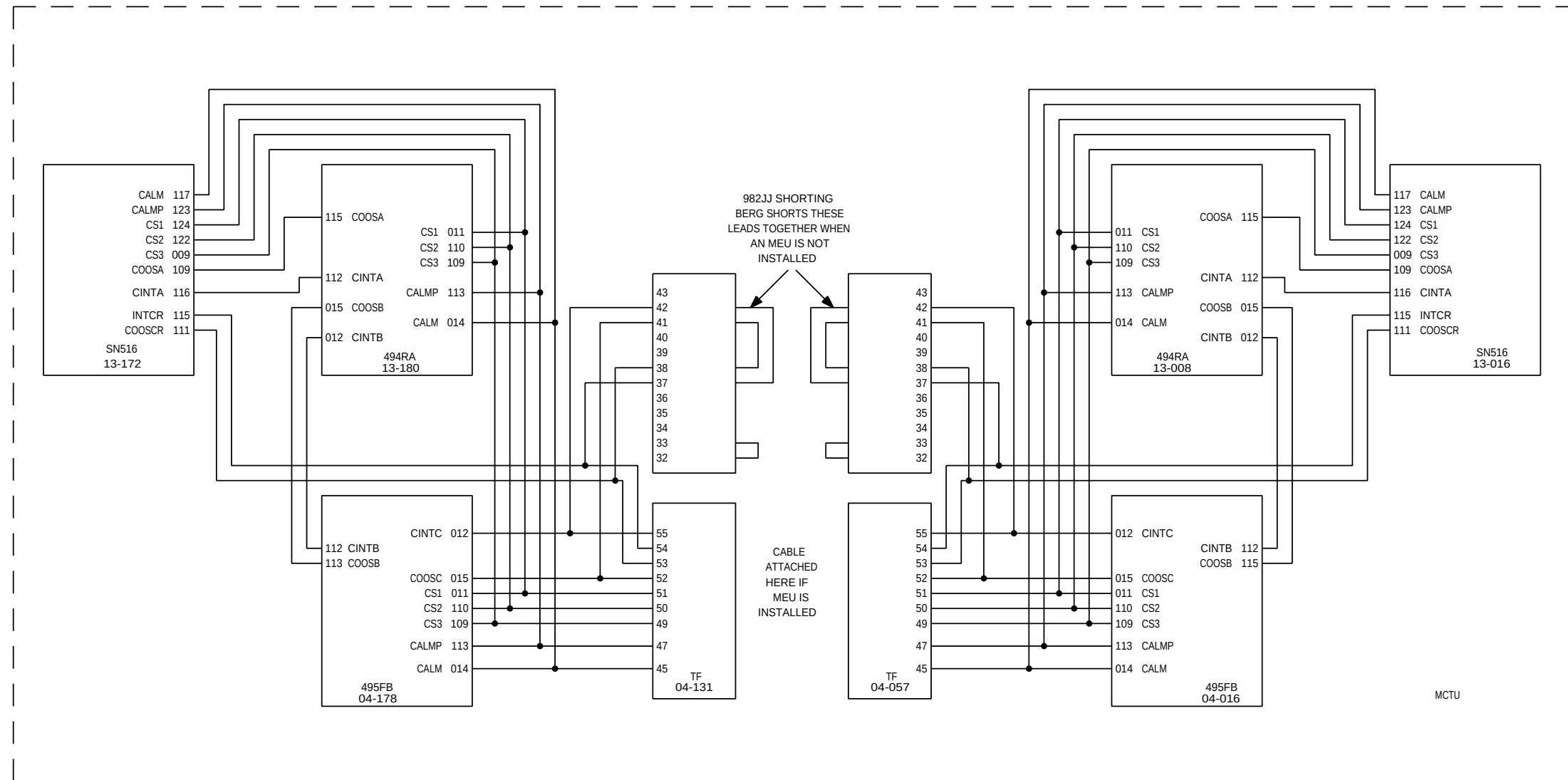
13-180 JACK - CP

Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT	DWG SIZE	ISSUE
	C2	24B
AT&T	SD-5D094-01	
	SHEET	GB28

PRINTED IN U.S.A.

BD 1

CONTROL AND DISPLAY
CONVERTER BLOCK DIAGRAM



Copyright (C) 1996 AT&T All Rights Reserved		
MODULE CONTROLLER AND TIME SLOT INTERCHANGE UNIT		DWG SIZE
		C2
AT&T		ISSUE
		24B
SD-5D094-01		SHEET H1

PRINTED IN U.S.A