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1	1	02-02-88		

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1. THE INTENT OF THIS DRAWING IS NOT TO SHOW ALL SYSTEM CONFIGURATIONS, BUT TO SHOW ALL SYSTEM CABLING USED IN ANY POSSIBLE CONFIGURATION. THESE CABLES ARE SHOWN IN TYPICAL CONFIGURATIONS.		CATEGORY	NO.	COMMON SYSTEMS RN98 38200 MODEL 2 & 3 PROCESSOR SMALL COMPUTER SYSTEMS INTERFACE (SCSI) NEW SHIP UNIT CIRCUIT	
		EQUIPMENT DRAWING	J31029AA-1		
* SCHEMATICS OF ALL IN & UN CODED CIRCUIT PACKS ARE SHOWN ON DRAWINGS NUMBERED WITH A CPS - PREFIX FOLLOWED BY THE CODE OF THE PACK - EXAMPLE: CPS-129		CIRCUIT PACK SCHEMATIC	CPS-#	DWG SIZE	ISSUE
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MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION
A002(0,1)	6/1	HALF MEMORY ARRAY SELECT (1 OR 2)	CIORIND	4/1	READ INTERRUPT	DCDA	3/2	DFC RS232 INTERFACE PORT A DATA CARRIER DETECT	DMAR100	1/2	REQUEST FROM CHANNEL 0, DMAC1
A003(18)1	6/1	MEMORY ARRAY ROW AND COLUMN ADDRESS	CIORSRO	4/1	READ SERVICE REQUEST BIT	DCDB	3/2	DFC RS232 INTERFACE PORT B DATA CARRIER DETECT	DMAR110	5/1	REQUEST FROM CHANNEL 1, DMAC1
A019(0,1)	6/1	HALF MEMORY ARRAY SELECT (A OR B)	CIORSTO	4/1	CCIO CONTROL BUS READ STATUS BIT	DCLE00	4/1	DIO COMMAND BUS CLEAR ERROR SIGNAL FROM DMA0	DOOSN	1/2	DFC OUT-OF-SERVICE DISTRIBUTE POINT (NEGATIVE SIDE)
ADPC00	6/1	MEMORY ARRAY COLUMN ADDRESS PARITY	CIOSAKO	4/1	CCIO SERVICE REQUEST ACKNOWLEDGE BITS WRITE ADDRESS AND REGISTER BITS	DCLE10	5/1	CLEAR ERROR FROM DMAC1	DOOSP	1/2	DFC OUT-OF-SERVICE DISTRIBUTE POINT (POSITIVE SIDE)
ADPROC	6/1	MEMORY ARRAY ROW ADDRESS PARITY	CIOWCAO	4/1	CCIO CONTROL BUS WRITE ADDRESS AND REGISTER BITS	DCSTN	1/2	DFC CONVERTER START LOOP (LOW SIDE)	DP0	2/1	DFC BIC DATA PRESENT STROBE
BACERRO	3/2	DFC HOST ADAPTER STATUS REGISTER (HASR) BIT 03: BIC ACCESS ERROR	CIOWCO	4/1	CCIO CONTROL BUS WRITE DATA MAIN BIT	DCSTP	1/2	DFC CONVERTER START LOOP (HIGH SIDE)	DPASS0	3/2	DFC HASR BIT 11: DIAGNOSTICS PASSED
BICERO	3/1	DFC BIC ERROR INTERRUPT	CLRO	6/1	READ AND CLEAR OPERATION TO MAIN STORE CONTROLLER	DDB(00-31)0	4/1	DIO BUS DATA BITS 0-31	DPWCLR0	1/2	DFC POWER CLEAR
BROCS0	3/2	DFC UN294 BOARD CHIP SELECT	CLRM00	6/1	ARRAY TYPE OPTION	DDB(00-35)1	5/1	THE 36 BITS (32 DATA + 4 PARITY) OF THE DIO BUS	DP(X-2)00	6/2	HAMMING BIT PX, PY, PZ
BRDRSTO	3/2	DFC HA CPU RESET ACKNOWLEDGE	CP0	2/1	DFC BIC COMMAND PRESENT	DOB320	4/1	DIO DATA BUS PARITY BITS OVER 0-7	DR0	2/1	DFC BIC DATA REQUEST STROBE
BUSENA0	3/2	DFC HASR BIT 18: SCSI BUS A ENABLE	CPMC	1/2	DFC CURRENT PROGRAMMING (LOW SIDE) FOR CONVERTER C	DOB330	4/1	DIO DATA BUS PARITY BITS OVER 8-15	DRD00	4/1	DIAGNOSTIC/RECOVERY DATA FROM EC TO EAI (SSR0-3 OUTPUTS)
BUSENB0	3/2	DFC HASR BIT 22: SCSI BUS B ENABLE	CPMD	4/3	CURRENT PROGRAMMING (LOW SIDE) FOR CONVERTER D	DOB340	4/1	DIO DATA BUS PARITY BITS OVER 16-23	DRD10	5/1	READ DATA COMMAND FROM DMAC1
CCALMO	8/1	CPU CONVERTER ALARM	CPMG	8/1	CURRENT PROGRAMMING (LOW SIDE) FOR CONVERTER G	DOB350	4/1	DIO DATA BUS PARITY BITS OVER 24-31	DRDY00	4/2	DIO BUS RESPONSE READY BIT
CCINTLB	8/1	CPU CONVERTER INTERLOCK LINK B	CPPC	1/2	DFC CURRENT PROGRAMMING (HIGH SIDE) FOR CONVERTER C	DER0	3/1	DFC BIC ERROR SUMMARY	DRDY10	5/1	CHANNEL RDY TO DMAC1
CCINTLC	8/1	CPU CONVERTER INTERLOCK LINK C	CPPD	4/3	CURRENT PROGRAMMING (HIGH SIDE) FOR CONVERTER D	DH00(0-3)0	6/2	MODIFIED STORE DATA BYTE 0-3 PARITY	DRESPA1	3/2	DFC SCSI BUS A SCSI PROTOCOL CONTROLLER RESPONSE
CCSTN	8/1	CPU CONVERTER START LOOP (LOW SIDE)	CPPG	8/1	CURRENT PROGRAMMING (HIGH SIDE) FOR CONVERTER G	DIDLE00	4/1	DIO CONTROL BUS IDLE SIGNAL	DRESPB1	3/2	DFC SCSI BUS B SCSI PROTOCOL CONTROLLER RESPONSE
CCSTP	8/1	CPU CONVERTER START LOOP (HIGH SIDE)	CLRSTO	3/2	DFC HASR BIT 30: HOST ADAPTER RESET INDICATOR	DIDLE10	5/1	DMAC1 IDLE COMMAND TO ITS CHANNELS	DREDA1	3/1	DFC SCSI BUS A SCSI PROTOCOL CONTROLLER DATA REQUEST
CER000	4/2	CHANNEL ERROR - CHANNEL 11	DO(00-31)0	6/2	DATA BITS 0-31	DIFSENA	3/1	DFC SCSI BUS A DIFFERENTIAL SENSE			
CER010	4/3	CHANNEL ERROR - CHANNEL 12	DOABUS0	4/1	DMA 0 LESS THE STORE ADDRESS BUS	DIFSENB	3/1	DFC SCSI BUS B DIFFERENTIAL SENSE			
CER100	5/1	CHANNEL ERROR FROM CHANNEL 0, DMAC1	DOCLRO	4/1	DMA 0 REQUESTS A READ AND CLEAR OPERATION FROM MAIN STORE	DINT000	4/2	DIO INTERRUPT FROM CHANNEL 11			
CER110	5/1	CHANNEL ERROR FROM CHANNEL 1, DMAC1	DODBUS0	4/1	DMA 0 HAS THE STORE DATA BUS	DINT010	4/3	DIO INTERRUPT FROM CHANNEL 12			
CFLG1	3/1	DFC BIC COMMAND FLAG	DOSEMD	4/1	STORE COMPLETED TO DMA 0	DINT110	5/1	INTERRUPT DMAC1 FROM CHANNEL 1			
CI0AD(0-5)00	4/1	CCIO BUS ADDRESS, 3 OUT OF 6 CODE	DOSG00	4/1	DMA 0 STORE GO SIGNAL	DINTL0	1/1	DFC CONVERTER INTERLOCK LOOP			
CI0AK(0-5)00	4/1	CHANNEL AND CCIO ADDRESS ACKNOWLEDGE SIGNALS, BITS 0-5	DOHRT0	4/1	DMA 0 REQUESTS A WRITE OPERATION TO MAIN STORE	DIOAD000	4/1	DIO ADDRESS FOR CHANNEL 11			
CI0ASH0	4/1	CHANNEL 10 ALL SEEMS WELL	D1ABUS0	5/1	DMA 1 HAS THE STORE ADDRESS BUS	DIOAD010	4/1	DIO ADDRESS FOR CHANNEL 12			
CI0CERO	4/1	CHANNEL 10 ERROR	D1CLRO	5/1	DMA REQUESTS A READ AND CLEAR OPERATION FROM MAIN STORE	DIOAD100	5/1	ADDRESS OF CHANNEL 0, DMAC1			
CI0CLE0	4/1	CLEAR 10 CHANNEL ERROR	D1CBUS0	5/1	DMA 1 HAS THE STORE DATA BUS	DIOAD110	5/1	ADDRESS OF CHANNEL 1, DMAC1			
CI0D(00-31)0	4/1	CCIO BUS DATA BITS 00-31	D1SCMD	5/1	STORE COMPLETE TO DMA 1	DIOAK000	4/2	DIO ACKNOWLEDGE FOR CHANNEL 11			
CI0EAK0	4/1	CCIO CONTROL BUS ERROR ACKNOWLEDGE BIT	D1SG00	5/1	DMA 1 STORE GO SIGNAL	DIOAK010	4/3	DIO ACKNOWLEDGE FOR CHANNEL 12			
CI0IAKO	4/1	CCIO INTERRUPT ACKNOWLEDGE BIT	D1HRT0	5/1	DMA 1 REQUESTS A WRITE OPERATION TO MAIN STORE	DIOAK100	5/1	ACKNOWLEDGE FROM CHANNEL 0, DMAC1			
CI0IDLO	4/1	CCIO IDLE BIT	DASW00	4/2	DIO BUS ALL SEEMS WELL	DIOAK110	5/1	ACKNOWLEDGE FROM CHANNEL 1, DMAC1			
CI0INH0	4/1	CCIO INHIBIT BIT	DASH10	5/1	ALL SEEMS WELL TO DMAC1	DIP0	3/2	DFC HASR BIT 08: DIAGNOSTICS IN PROGRESS			
CI0MR0	4/1	CCIO CHANNEL MAINTENANCE RESPONSE	DCALMO	1/1	DFC CONVERTER ALARM	DMAR000	4/2	DMA REQUEST FROM CHANNEL 11			
CI0RD0	4/1	READ DATA CONTROL SIGNAL				DMAR010	4/3	DMA REQUEST FROM CHANNEL 12			
CI0RDY0	4/1	CCIO CHANNEL READY									

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DREQB1	3/1	DFC SCSI BUS B SCSI PROTOCOL CONTROLLER DATA REQUEST	HINA1	3/2	DFC SPC A - HA DMAC DATA TRANSFER DIRECTION	NATNA	3/1	DFC SCSI BUS A ATTENTION (NEGATIVE SIDE)	PATNA	3/1	DFC SCSI BUS A ATTENTION (POSITIVE SIDE)
DRINT00	4/1	DIO CONTROL BUS READ INTERRUPT BIT	HINB1	3/2	DFC SPC B - HA DMAC DATA TRANSFER DIRECTION	NATNB	3/1	DFC SCSI BUS B ATTENTION (NEGATIVE SIDE)	PATNB	3/1	DFC SCSI BUS B ATTENTION (POSITIVE SIDE)
DRINT10	5/1	READ INTERRUPT COMMAND FROM DMAC1	INF(00-31)	2/1	DFC BIC/DDSBS INFORMATION BUS	NBSYA	3/1	DFC SCSI BUS A BUSY (NEGATIVE SIDE)	PBSYA	3/1	DFC SCSI BUS A BUSY (POSITIVE SIDE)
DRQIPN	1/2	DFC REQUEST IN PROGRESS DISTRIBUTE POINT (NEGATIVE SIDE)	INFP(0-3)	2/1	DFC INFORMATION BUS PARITY	NBSYB	3/1	DFC SCSI BUS B BUSY (NEGATIVE SIDE)	PBSYB	3/1	DFC SCSI BUS B BUSY (POSITIVE SIDE)
DRQIPP	1/2	DFC REQUEST IN PROGRESS DISTRIBUTE POINT (POSITIVE SIDE)	INIT00	1/2	DFE INITIALIZATION LEAD (D COPY) TO COOLING UNITS	NCOA	3/1	DFC SCSI BUS A CONTROL/DATA (NEGATIVE SIDE)	PCDA	3/1	DFC SCSI BUS A CONTROL/DATA (POSITIVE SIDE)
DRSR00	4/1	DIO CONTROL BUS READ SERVICE REQUEST SIGNAL	INT000	4/1	INTERRUPT FROM CHANNEL 0	NCOB	3/1	DFC SCSI BUS B CONTROL/DATA (NEGATIVE SIDE)	PCDB	3/1	DFC SCSI BUS B CONTROL/DATA (POSITIVE SIDE)
DRSR10	5/1	READ SERVICE REQUEST REGISTER COMMAND FROM DMAC1	INT010	5/1	INTERRUPT FROM CHANNEL 1	NDB(0-7)A	3/1	DFC SCSI BUS A DATA BUS (NEGATIVE SIDE)	PDB(0-7)A	3/1	DFC SCSI BUS A DATA BUS (POSITIVE SIDE)
DRST00	4/1	DIO CONTROL BUS READ STATUS SIGNAL	INT020	5/1	INTERRUPT FROM CHANNEL 2	NDB(0-7)B	3/1	DFC SCSI BUS B DATA BUS (NEGATIVE SIDE)	PDB(0-7)B	3/1	DFC SCSI BUS B DATA BUS (POSITIVE SIDE)
DRST10	5/1	READ STATUS REGISTER COMMAND FROM DMAC1	INT030	4/1	INTERRUPT FROM CHANNEL 3	NDBPA	3/1	DFC SCSI BUS A DATA BUS PARITY (NEGATIVE SIDE)	PDBPA	3/1	DFC SCSI BUS A DATA BUS PARITY (POSITIVE SIDE)
DSCXN	1/2	DFC POWER SCAN POINT X (NEGATIVE SIDE)	INT100	4/1	INTERRUPT FROM CHANNEL 11	NDBPB	3/1	DFC SCSI BUS B DATA BUS PARITY (NEGATIVE SIDE)	PDBPB	3/1	DFC SCSI BUS B DATA BUS PARITY (POSITIVE SIDE)
DSCXP	1/2	DFC POWER SCAN POINT X (POSITIVE SIDE)	INT120	4/1	INTERRUPT FROM CHANNEL 12	NIDA	2/1	DFC SCSI BUS A INPUT/OUTPUT (NEGATIVE SIDE)	PIDA	3/1	DFC SCSI BUS A INPUT/OUTPUT (POSITIVE SIDE)
DSCXYN	1/2	DFC POWER SCAN POINT Y (NEGATIVE SIDE)	INT150	5/1	INTERRUPT FROM DMAT	NIOB	3/1	DFC SCSI BUS B INPUT/OUTPUT (NEGATIVE SIDE)	PIOB	3/1	DFC SCSI BUS B INPUT/OUTPUT (POSITIVE SIDE)
DSCYP	1/2	DFC POWER SCAN POINT Y (POSITIVE SIDE)	INT160	5/1	INTERRUPT FROM CHANNEL 16	NMSGA	3/1	DFC SCSI BUS A MESSAGE (NEGATIVE SIDE)	PMSGA	3/1	DFC SCSI BUS A MESSAGE (POSITIVE SIDE)
DTRA	3/2	DFC RS232 INTERFACE PORT A DATA TERMINAL READY	INT170	5/1	INTERRUPT FROM CHANNEL 17	NMSGB	2/1	DFC SCSI BUS B MESSAGE (NEGATIVE SIDE)	PMSGB	3/1	DFC SCSI BUS B MESSAGE (POSITIVE SIDE)
DTRB	3/2	DFC RS232 INTERFACE PORT B DATA TERMINAL READY	MA021	3/2	DFC MICROBUS ADDRESS BIT 02	NREQA	3/1	DFC SCSI BUS A REQUEST (NEGATIVE SIDE)	NREQB	3/1	DFC SCSI BUS B REQUEST (NEGATIVE SIDE)
DWCA00	4/1	DIO CONTROL BUS WRITE COMMAND AND ADDRESS REGISTER SIGNAL	MA031	3/2	DFC MICROBUS ADDRESS BIT 03	NRSTA	3/1	DFC SCSI BUS A RESET (NEGATIVE SIDE)	NRS7B	3/1	DFC SCSI BUS B RESET (NEGATIVE SIDE)
DWCA10	5/1	WRITE COMMAND/ADDR COMMAND FROM DMAC1	MA041	3/2	DFC MICROBUS ADDRESS BIT 04	NSELA	3/1	DFC SCSI BUS A SELECT (NEGATIVE SIDE)	NSELB	3/1	DFC SCSI BUS B SELECT (NEGATIVE SIDE)
DHD00	4/1	DIO CONTROL BUS WRITE DATA SIGNAL	MA051	3/2	DFC MICROBUS ADDRESS BIT 05	P5VC	1/1	DFC +5V LOGIC SUPPLY FROM CONVERTER C	P5VD	5/1	+5V LOGIC SUPPLY FROM CONVERTER D
DHD10	5/1	WRITE DATA COMMAND FROM DMAC1	MA081	3/2	DFC MICROBUS ADDRESS BIT 08	P5VDA	4/2	+5V LOGIC POWER, SEGMENT DA	P5VDB	4/1	+5V LOGIC POWER, SEGMENT DB
EADPO	6/1	PARITY BIT OVER ARRAY ADDRESS BITS 20 AND 21 FROM SELECTED ARRAY	MA091	3/2	DFC MICROBUS ADDRESS BIT 09	PA	1/2	DFC POWER ALARM CONTACT (COMBINED ALARMS)	PACKA	3/1	DFC SCSI BUS A ACKNOWLEDGE (POSITIVE SIDE)
EDTO	2/1	DFC BIC END OF TRANSFER	MA101	3/2	DFC MICROBUS ADDRESS BIT 10	PACKB	3/1	DFC SCSI BUS B ACKNOWLEDGE (POSITIVE SIDE)	PAR	1/2	DFC POWER ALARM RETURN (COMBINED ALARMS)
FE00	3/2	DFC HASR BIT 10: FAULT CAUSED BY DIAGNOSTICS	MA111	3/2	DFC MICROBUS ADDRESS BIT 11						
FFPCKH0	3/2	DFC BIC FIFO PARITY CHECK (HIGH HALFWORD)	MCLK341	3/2	DFC 14 MHZ CPU CLOCK						
FFPCKL0	3/2	DFC BIC FIFO PARITY CHECK (LOW HALFWORD)	MD(00-31)1	3/1	DFC MICROBUS DATA BITS						
FIFOES0	3/2	DFC BIC FIFO CHIP SELECT	MD50	3/2	DFC MICROBUS DATA STROBE						
FIFOER0	3/1	DFC BIC FIFO OVERFLOW/UNDERFLOW ERROR	MDTACK0	3/1	DFC MICROBUS DATA TRANSFER ACKNOWLEDGE						
HARST0	3/1	DFC HOST ADAPTER RESET	MJ	1/2	DFC MAJOR ALARM						
HD(0-7)1	3/1	DFC HA DMAC PERIPHERAL BUS	MJR	1/2	DFC MAJOR ALARM RETURN						
HDP1	3/2	DFC HA DMAC PERIPHERAL BUS PARITY	MOD001	6/1	MEMORY MODULE SELECT						
			MPB(0-3)1	3/1	DFC MICROBUS PARITY						
			MR1W0	3/2	DFC MICROBUS READ/WRITE SIGNAL						
			MYSER(A-D)0	6/1	MY STORE ERROR A-D						
			N48DFC1	1/1	-48V FOR DFC SEGMENT 1 (FUSED)						
			N48DFC2	1/2	-48V FOR DFC SEGMENT 2 (FUSED)						
			N48VCPU4	8/1	-48V FOR CPU SEGMENT 4 (FUSED)						
			NACKA	3/1	DFC SCSI BUS A ACKNOWLEDGE (NEGATIVE SIDE)						
			NACKB	3/1	DFC SCSI BUS B ACKNOWLEDGE (NEGATIVE SIDE)						

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PREQA	3/1	DFC SCSI BUS A REQUEST (POSITIVE SIDE)	SEL0(00-07)0	6/1	MEMORY ARRAY SELECT SIGNAL	TOA	3/2	DFC RS232 INTERFACE PORT A TRANSMIT DATA	11XCK00N	2/1	DFC DSCH TRANSMIT CLOCK FOR DEVICE 0-3
PREQB	3/1	DFC SCSI BUS B REQUEST (POSITIVE SIDE)	SEL0080	6/1	SELECT MSA 08	TOB	3/2	DFC RS232 INTERFACE PORT B TRANSMIT DATA	11XCK00P	2/1	DFC DSCH TRANSMIT CLOCK FOR DEVICE 0-3
PR110	3/2	DFC HASR BIT 12: HA DMAC CHANNEL 1 HIGH PRIORITY	SEL0100	6/1	SELECT MSA 10	TRMPWRA	3/1	DFC SCSI BUS A TERMINATOR POWER	20MHZ1	2/1	DFC 20 MHZ CLOCK FROM DDSBS
PRSTA	3/1	DFC SCSI BUS A RESET (POSITIVE SIDE)	SEL0110	6/1	SELECT MSA 11	TRMPWRB	3/1	DFC SCSI BUS B TERMINATOR POWER	48RCPU4	8/1	48V RETURN FOR CPU SEGMENT 4
PRSTB	3/1	DFC SCSI BUS B RESET (POSITIVE SIDE)	SEL0120	6/1	SELECT MSA 12	VLMMO	4/1	VERY LARGE MAIN MEMORY ID BIT	48RDFC1	1/1	48V RETURN FOR DFC SEGMENT 1
PSELA	3/1	DFC SCSI BUS A SELECT (POSITIVE SIDE)	SEL0130	6/1	SELECT MSA 13	WRT0	6/1	WRITE COMMAND TO STORE	48RDFC2	1/2	48V RETURN FOR DFC SEGMENT 2
PSELB	3/1	DFC SCSI BUS B SELECT (POSITIVE SIDE)	SEL0140	6/1	SELECT MSA 14	WRT000	6/1	WRITE WORD SIGNAL TO MEMORY ARRAYS	128MEN1	7/1	DISK SIZE SELECT
PHRCLRO	6/1	POWER UP CLEAR	SEL0150	6/1	SELECT MSA 15	WRT030	6/1	ADDRESS OPTION			
PHRRSTO	3/2	DFC HASR BIT 31: POWER UP RESET INDICATOR	SELCEV00	6/2	SELECT COLUMN EVEN RESPONSE FROM MEMORY ARRAY	WRH000	6/1	HAMMING WRITE SIGNALS TO MEMORY ARRAYS			
RBPAA	3/2	DFC SCSI BUS A RECEIVE BAD PARITY	SELCO000	6/2	SELECT COLUMN ODD RESPONSE FROM MEMORY ARRAY	XFER0	3/1	DFC 3B20 DMA TRANSFER REQUEST			
RBPBB	3/2	DFC SCSI BUS B RECEIVE BAD PARITY	SELREV00	6/2	SELECT ROW EVEN RESPONSE FROM MEMORY ARRAY	3BCMP0	3/1	DFC 3B20 READ/WRITE COMPLETE INTERRUPT			
RDA	3/2	DFC RS232 INTERFACE PORT A RECEIVE DATA	SELRO000	6/2	SELECT ROW ODD RESPONSE FROM MEMORY ARRAY	11CLK00N	2/1	DFC DSCH RECEIVE CLOCK FOR DEVICE 0-3			
RDB	3/2	DFC RS232 INTERFACE PORT B RECEIVE DATA	SER000	4/1	SERVICE REQUEST FROM CHANNEL 0	11CLK00P	2/1	DFC DSCH RECEIVE CLOCK FOR DEVICE 0-3			
READ01	6/1	READ SIGNAL TO MEMORY ARRAYS	SER010	5/1	SERVICE REQUEST FROM CHANNEL 1	11CLK00N	2/1	DFC DSCH RECEIVE CLOCK FOR DEVICE 0-3			
REF00	6/1	REFRESH SIGNAL TO MEMORY ARRAYS	SER020	5/1	SERVICE REQUEST FROM CHANNEL 2	11CLK00P	2/1	DFC DSCH RECEIVE CLOCK FOR DEVICE 0-3			
REMP1	3/2	DFC HASR BIT 15: ADDRESS OVERLAP INACTIVE	SER030	4/1	SERVICE REQUEST FROM CHANNEL 3	11DAH00N	2/1	DFC DSCH HIGH ORDER DATA FOR DEVICE 0-3			
SA(00-25)1	4/1	STORE ADDRESS BITS 0-25	SETUP0	3/1	DFC 3B20 DMA SETUP REQUEST	11DAH00P	2/1	DFC DSCH HIGH ORDER DATA FOR DEVICE 0-3			
SA321	4/1	STORE ADDRESS PARITY OVER SA(00-07)1	SG0(0-3)1	6/1	GO SIGNALS TO MEMORY ARRAY	11DAH00N	2/1	DFC DSCH HIGH ORDER DATA FOR DEVICE 0-3			
SA331	4/1	STORE ADDRESS PARITY OVER SA(08-15)1	SG00	6/1	STORE GO	11DAH00P	2/1	DFC DSCH HIGH ORDER DATA FOR DEVICE 0-3			
SA341	4/1	STORE ADDRESS PARITY OVER SA(16-23)1	SHALF0	4/1	STORE HALF WORD COMMAND	11DAL00N	2/1	DFC DSCH LOW ORDER DATA FOR DEVICE 0-3			
SA351	4/1	STORE ADDRESS PARITY OVER SA(24-25)1	SHDGRDA	3/1	DFC SCSI BUS A CABLE SHIELD GROUND	11DAL00P	2/1	DFC DSCH LOW ORDER DATA FOR DEVICE 0-3			
SBAERO	3/1	DFC SET BIC ACCESS ERROR	SHDGRDB	3/1	DFC SCSI BUS B CABLE SHIELD GROUND	11DAL00N	2/1	DFC DSCH LOW ORDER DATA FOR DEVICE 0-3			
SBPA0	3/2	DFC SCSI BUS A SEND BAD PARITY	SINTA1	3/1	DFC SCSI BUS A INTERRUPT	11RE000N	2/1	DFC DSCH REQUESTS FROM DEVICE 0-3			
SBPB0	3/2	DFC SCSI BUS B SEND BAD PARITY	SINTB1	3/1	DFC SCSI BUS B INTERRUPT	11RE000P	2/1	DFC DSCH REQUESTS FROM DEVICE 0-3			
SBYTE0	4/1	STORE OPERATION ON A BYTE	SMAINT0	4/1	STORE MAINTENANCE OPERATION IS ACTIVE	11RE000N	2/1	DFC DSCH REQUESTS FROM DEVICE 0-3			
SCM0	6/1	STORE ACCESS COMPLETE SIGNAL	SNTYCP1	3/1	DFC SANITY TIMER INTERRUPT PULSE	11RE000P	2/1	DFC DSCH REQUESTS FROM DEVICE 0-3			
SCMP0	4/1	STORE COMMAND BITS PARITY	SNTYER0	3/2	DFC HASR BIT 00: SANITY ERROR	11RE000N	2/1	DFC DSCH REQUESTS FROM DEVICE 0-3			
SD(00-31)1	4/1	STORE DATA BITS 0-31	SPEED00	4/2	SPEED SELECT FOR CHANNEL 11	11XCK00N	2/1	DFC DSCH TRANSMIT CLOCK FOR DEVICE 0-3			
SD321	6/1	STORE DATA PARITY OVER SD(00-07)1 (BYTE 3)	SPEED010	4/3	SPEED SELECT FOR CHANNEL 12	11XCK00P	2/1	DFC DSCH TRANSMIT CLOCK FOR DEVICE 0-3			
SD331	6/1	STORE DATA PARITY OVER SD(08-15)1 (BYTE 2)	SPERR0	3/2	DFC HASR BIT 02: SRAM PARITY ERROR						
SD341	6/1	STORE DATA PARITY OVER SD(16-23)1 (BYTE 1)	SST0	2/1	DFC BIC/DDSBS STATUS STROBE						
SD351	6/1	STORE DATA PARITY OVER SD(24-31)1 (BYTE 0)	STAZ0	1/2	DFC START 2						
			SWPER0	3/2	DFC HASR BIT 02: SRAM WRITE PROTECT ERROR						
			SWTIM0	3/1	DFC SOFTWARE TIMER 1 INTERRUPT						
			SWTIM2	3/1	DFC SOFTWARE TIMER 2 INTERRUPT						
			SYNCO	3/1	DFC BIC/DDSBS DATA SYNC						

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MAINSTORE, IO AND DFC UNIT	PAGE SIZE CZ	ISSUE 1
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APPARATUS INDEX

LEAD INDEX

APP FIGURE NO. SH NO.	EQUIP LOC	CIRCUIT PACKS	LOCATION			LOCATION			LOCATION			LOCATION			LOCATION				
			DESIG	FS/SYM	APP/FID	EDPT	DESIG	FS/SYM	CAD	DESIG	FS/SYM	CAD	DESIG	FS/SYM	CAD	DESIG	FS/SYM	CAD	
			BTR			CONNECTING CKT			CONNECTING CKT (CONT)			PRDC CONTROL FRAME CKT (CONT)			PRDC CONTROL FRAME CKT (CONT)				
04-024	1	C1	BTR1	7/1	1	04-167B1	DIDA	3/2	PDB6B	3/1	11DAL02N	4/2	107,113	CIOAK100	4/1	003,101	CIDW00	4/1	003,101
04-030	1	C1	BTR2	7/2	1	04-167B2	DIOB	3/2	PDB7A	3/1	11DAL02P	4/2	107,113	CIOAK200	4/1	003,101	CLRO	6/1	100
04-036	1	C1	BTR3	7/3	1	04-167B3	DIFSEMA	3/1	PDB7B	3/1	11DAL03M	4/2	108,114	CIOAK300	4/1	003,101	CLRM00	6/1	003,102
04-044	1	C1	BTR4	7/4	1	04-169B4	DIFSENB	3/1	PDB7C	3/1	11DAL03P	4/2	108,114	CIOAK400	4/1	003,101	CPMO	4/3	
04-080	1	C1	BTR5	7/5	1	04-169B5	DTRA	3/2	PDBP9	3/1	11REQ0N	4/2		CIOAK500	4/1	003,101	CPMG	8/1	050,051
04-088	1	C1	BTR6	7/6	1	04-169B6	DTRB	3/2	P10A	3/1	11REQ00N	2/1		CIOASH0	4/1	003,101	EPPD	4/3	
04-096	3	C2	BTR7	7/7	1	04-169B7	GRD04036	3/1	P10B	3/1	11REQ00P	2/1		CIOCCER0	4/1	003,101	EPPE	8/1	050,051
04-104	1	C1				GRD04044	3/2	PMSG	3/1	11REQ0P	4/2		CIOCLE0	4/1	003,101	DOABUS0	4/1	003,101	
04-112	1	C1	CIRCUIT PACK-CP				NACKA	3/1	PMSGB	3/1	11REQ00N	2/1		CIOD000	4/1	003,101	DOCLRO	4/1	003,101
04-120	2	C1					NACKB	3/1	PREQA	3/1	11REQ00P	2/1		CIOD010	4/1	003,101	DODBUS0	4/1	003,101
04-120	2	C1					NATNA	3/1	PREQB	3/1	11REQ01N	4/2		CIOD020	4/1	003,101	DOSCHD	4/1	003,101
04-126	2	C1					NATNB	3/1	PRSTA	3/1	11REQ01P	4/2		CIOD030	4/1	003,101	DOSG00	4/1	003,101
04-126	2	C1	DOSBS	2/1	1	04-030	NBSYA	3/1	PRSTB	3/1	11REQ02N	4/2	107,113	CIOD040	4/1	003,101	DOWRTO	4/1	003,101
04-132	2	C1	DFCPWRC	1/2	1	04-024	NBSYB	3/1	PSELA	3/1	11REQ02P	4/2	107,113	CIOD050	4/1	003,101	O1ABUS0	5/1	003,101
04-132	2	C1	DMAC	4/1	1	04-088	NCDA	3/1	PSELB	3/1	11REQ03N	4/2	108,114	CIOD060	4/1	003,101	O1CLRO	5/1	003,101
04-132	2	C1	DMAC	5/1	3	04-096	NCDB	3/1	RDA	3/2	11REQ03P	4/2	108,114	CIOD070	4/1	003,101	O1OBUS0	5/1	003,101
04-138	2	C1	DSCB	4/3	1	04-104	NDB0A	3/1	RDB	3/2	11XCK0N	4/2		CIOD080	4/1	003,101	D1SCH0	5/1	003,101
04-138	2	C1	DSCB	4/2	1	04-080	NDB0B	3/1	SHOGRDA	3/1	11XCK00N	2/1		CIOD090	4/1	003,101	D1SG00	5/1	003,101
04-144	2	C1	HA1	3/1	1	04-036	NDB0C	3/1	SHOGRDB	3/1	11XCK00P	2/1		CIOD100	4/1	003,101	D1WRTO	5/1	003,101
04-144	2	C1	HA2	3/2	1	04-044	NDB0A	3/1	TOA	3/2	11XCK0P	4/2		CIOD110	4/1	003,101	CASH10	5/1	
04-150	2	C1	MASA00	6/2	1	04-162	NDB0B	3/1	TDB	3/2	11XCK00N	2/1		CIOD120	4/1	003,101	DCLE10	5/1	
04-150	2	C1	MASA00	6/2	1	04-162	NDB0C	3/1	TRMPWRA	3/1	11XCK00P	2/1		CIOD130	4/1	003,101	DDB001	5/1	
04-156	2	C1	MASA10	6/3	2	04-156	NDB0A	3/1	TRMPWRB	3/1	11XCK01N	4/2		CIOD140	4/1	003,101	DDB011	5/1	
04-156	2	C1	MASA10	6/3	2	04-156	NDB0B	3/1			11XCK01P	4/2		CIOD150	4/1	003,101	DDB021	5/1	
04-162	1	C1	MASA20	6/4	2	04-150	NDB0C	3/1			11XCK02N	4/2	107,113	CIOD160	4/1	003,101	DDB031	5/1	
04-162	1	C1	MASA20	6/4	2	04-150	NDB0A	3/1			11XCK02P	4/2	107,113	CIOD170	4/1	003,101	DDB041	5/1	
04-162	1	C1	MASA30	6/5	2	04-144	NDB0B	3/1			11XCK03N	4/2	108,114	CIOD180	4/1	003,101	DDB051	5/1	
04-162	1	C1	MASA30	6/5	2	04-144	NDB0C	3/1			11XCK03P	4/2	108,114	CIOD190	4/1	003,101	DDB061	5/1	
			MASA40	6/6	2	04-138	NDB0A	3/1			48RCPU4	8/1	002,053	CIOD200	4/1	003,101	DDB071	5/1	
			MASA40	6/6	2	04-138	NDB0B	3/1			48RDFC1	1/1	002,053	CIOD210	4/1	003,101	DDB081	5/1	
			MASA50	6/7	2	04-132	NDB0C	3/1			48RDFC2	1/2	002,053	CIOD220	4/1	003,101	DDB091	5/1	
			MASA50	6/7	2	04-132	NDB7A	3/1			A0020	6/1	003,102	CIOD230	4/1	003,101	DDB101	5/1	
			MASA60	6/8	2	04-126	NDB7B	3/1						CIOD240	4/1	003,101	DDB111	5/1	
			MASA60	6/8	2	04-126	NDBPA	3/1						CIOD250	4/1	003,101	DDB121	5/1	
			MASA70	6/9	2	04-120	NDBPB	3/1						CIOD260	4/1	003,101	DDB131	5/1	
			MASA70	6/9	2	04-120	N10A	3/1						CIOD270	4/1	003,101	DDB141	5/1	
			MASA70	6/9	2	04-120	N10B	3/1						CIOD280	4/1	003,101	DDB151	5/1	
			MSC	6/1	1	04-112	NMSG	3/1						CIOD290	4/1	003,101	DDB161	5/1	
							NMSGB	3/1						CIOD300	4/1	003,101	DDB171	5/1	
							NREDA	3/1						CIOD310	4/1	003,101	DDB181	5/1	
							NREDB	3/1						CIOD320	4/1	003,101	DDB191	5/1	
							NRSTA	3/1						CIOD330	4/1	003,101	DDB201	5/1	
							NRSTB	3/1						CIOD340	4/1	003,101	DDB211	5/1	
							NSELA	3/1						CIOD350	4/1	003,101	DDB221	5/1	
							NSELB	3/1						CIOEACK0	4/1	003,101	DDB231	5/1	
							PACKA	3/1						CIOIAR0	4/1	003,101	DDB241	5/1	
							PACKB	3/1						CIOIDL0	4/1	003,101	DDB251	5/1	
							PATNA	3/1						CIOIWH0	4/1	003,101	DDB261	5/1	
							PATNB	3/1						CIOHRO	4/1	003,101	DDB271	5/1	
							PBSYA	3/1						CIOHRO	4/1	003,101	DDB281	5/1	
							PBSYB	3/1						CIOHRO	4/1	003,101	DDB291	5/1	
							PCDA	3/1						CIOHRO	4/1	003,101	DDB301	5/1	
							PCDB	3/1						CIOHRO	4/1	003,101	DDB311	5/1	
							PDB0A	3/1						CIOHRO	4/1	003,101	DDB321	5/1	
							PDB0B	3/1						CIOHRO	4/1	003,101	DDB331	5/1	
							PDB0C	3/1						CIOHRO	4/1	003,101	DDB341	5/1	
							PDB0A	3/1						CIOHRO	4/1	003,101			
							PDB0B	3/1						CIOHRO	4/1	003,101			
							PDB0C	3/1						CIOHRO	4/1	003,101			
							PDB0A	3/1						CIOHRO	4/1	003,101			
							PDB0B	3/1						CIOHRO	4/1	003,101			
							PDB0C	3/1						CIOHRO	4/1	003,101			
							PDB0A	3/1						CIOHRO	4/1	003,101			
							PDB0B	3/1						CIOHRO	4/1	003,101			
							PDB0C	3/1						CIOHRO	4/1	003,101			
							PDB0A	3/1						CIOHRO	4/1	003,101			
							PDB0B	3/1						CIOHRO	4/1	003,101			
							PDB0C	3/1						CIOHRO	4/1	003,101			
							PDB0A	3/1						CIOHRO	4/1	003,101			
							PDB0B	3/1						CIOHRO	4/1	003,101			
							PDB0C	3/1						CIOHRO	4/1	003,101			
							PDB0A	3/1						CIOHRO	4/1	003,101			
							PDB0B	3/1						CIOHRO	4/1	003,101			
							PDB0C	3/1						CIOHRO	4/1	003,101			

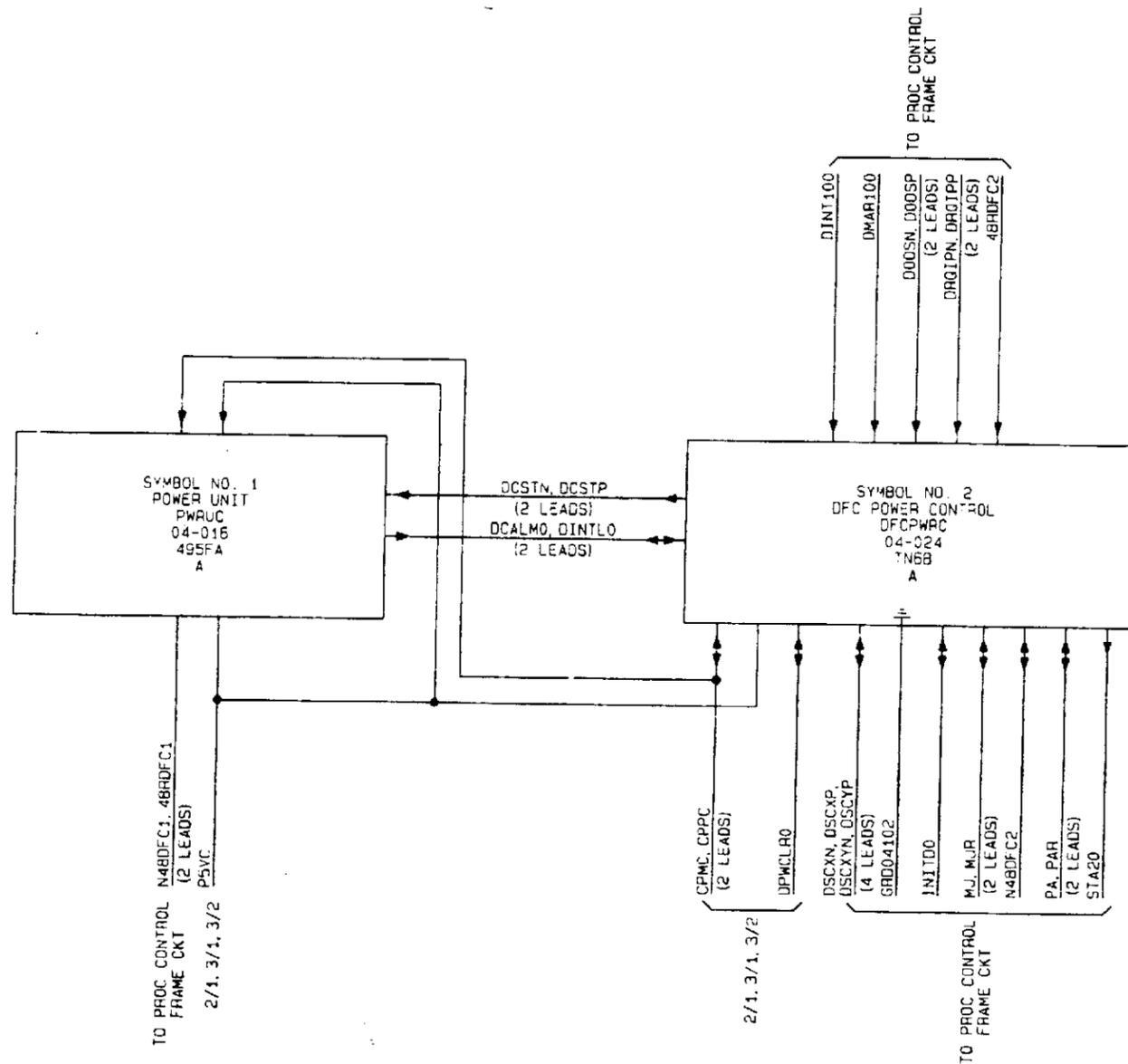
LEAD INDEX (CONT)

DESIG	LOCATION		DESIG	LOCATION		DESIG	LOCATION	
	FS/SYM	CAD		FS/SYM	CAD		FS/SYM	CAD
PROC CONTROL FRAME CKT (CONT)								
DDB351	5/1		SA071	4/1	100	SEL0130	6/1	003,102
DIDLE10	5/1		SA081	4/1	100	SEL0140	6/1	003,102
DINT100	1/2		SA091	4/1	100	SEL0150	6/1	003,102
DINT110	5/1		SA101	4/1	100	SER000	4/1	003,101
DIDAD100	5/1		SA111	4/1	100	SER010	5/1	003,101
DIDAD110	5/1		SA121	4/1	100	SER020	5/1	003,101
DIOAK100	5/1		SA131	4/1	100	SER030	4/1	003,101
DIOAK110	5/1		SA141	4/1	100	SG001	6/1	003,102
DMAR100	1/2		SA151	4/1	100	SG011	6/1	003,102
DMAR110	5/1		SA161	4/1	100	SG021	6/1	003,102
DOOSM	1/2	115,116	SA171	4/1	100	SG031	6/1	003,102
DOOSP	1/2	115,116	SA181	4/1	100	SG00	6/1	100
DRD10	5/1		SA191	4/1	100	SHALFO	4/1	100
DRDY10	5/1		SA201	4/1	100	SMAINTO	4/1	100
DRINT10	5/1		SA211	4/1	100	STA20	1/2	117
DROIPN	1/2	115,116	SA221	4/1	100	VLMMO	4/1	003,101
DRO1PP	1/2	115,116	SA231	4/1	100	WRT0	6/1	100
DRSR10	5/1		SA251	4/1	003,100	WRT000	6/1	003,102
DRST10	5/1		SA321	4/1	100	WRT030	6/1	003,102
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DSCXYN	1/2	115,116	SBYTE0	4/1	100			
DSCYP	1/2	115,116	SCM0	6/1	100			
DMCA10	5/1		SCOMP0	4/1	100			
DWD10	5/1		SD001	4/1	100			
EADPD	6/1	003,102	SD011	4/1	100			
GRD04030	2/1		SD021	4/1	100			
GRD04080	4/2	107,108	SD031	4/1	100			
GRD04096	5/1		SD041	4/1	100			
GRD04102	1/2	003	SD051	4/1	100			
GRD04120	6/9		SD061	4/1	100			
INITD0	1/2	117	SD071	4/1	100			
INT000	4/1	003,101	SD081	4/1	100			
INT010	5/1	003,101	SD091	4/1	100			
INT020	5/1	003,101	SD101	4/1	100			
INT030	4/1	003,101	SD111	4/1	100			
INT100	4/1	003,101	SD121	4/1	100			
INT110	4/1	003,101	SD131	4/1	100			
INT120	4/1	003,101	SD141	4/1	100			
INT150	5/1	003,101	SD151	4/1	100			
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MYSERAD	6/1	100	SD201	4/1	100			
MYSERB0	6/1	100	SD211	4/1	100			
MYSERC0	6/1	100	SD221	4/1	100			
MYSER00	6/1	100	SD231	4/1	100			
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N48DFC2	1/2	002,053	SD251	4/1	100			
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PSVDB	4/1		SD281	4/1	100			
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SA031	4/1	100	SEL0090	6/1	003,102			
SA041	4/1	100	SEL0100	6/1	003,102			
SA051	4/1	100	SEL0110	6/1	003,102			
SA061	4/1	100	SEL0120	6/1	003,102			

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SESI NEW SHIP UNIT		DWG SIZE C2
		ISSUE 1
AT&T	SD-3T004-01	A6

PART OF FS 1
 SCSI-DISK FILE CONTROLLER
 POWER AND CONTROL
 INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 1
 (FD SYMBOL(S) 1, 2)

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SCSI NEW SHIP UNIT

DWG SIZE
 65

ISSUE
 1

AT&T

SO-3T004-01

SHEET
 B1AA

PART OF FS 1
SCSI-DISK FILE CONTROLLER
POWER AND CONTROL

SYMBOL NO. 1 POWER UNIT							SYMBOL NO. 1 (CONT) POWER UNIT							SYMBOL NO. 1 (CONT) POWER UNIT							SYMBOL NO. 2 (CONT) DFC POWER CONTROL						
DESIG	EOPT LOC	CODE	ELEM IDENT	OPT			DESIG	EOPT LOC	CODE	ELEM IDENT	OPT			DESIG	EOPT LOC	CODE	ELEM IDENT	OPT			DESIG	EOPT LOC	CODE	ELEM IDENT	OPT		
PWRUC	04-016	495FA	A				PWRUC	04-016	495FA	A				PWRUC	04-016	495FA	A				DFCPWRC	04-024	TN68	A			
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	I	RS4	010				GRD	-E01		332																	
	I	SC	019				GRD	-E01		333				PWR	+E01		347		1/1		I	BPPN		210			
	I	RS3	109				GRD	-E01		334				PWR	+E01		348		1/1		I	INHAP10		214			
	I	+SB	118				GRD	-E01		335				PWR	+E01		349		1/1		I	INHBP10		215			
	I	+SYNC	120				GRD	-E01		336				PWR	+E01		350		1/1		I	BPPP		310			
	I	-SYNC	121				GRD	-E01		337				PWR	+E01		351		1/1		I	PAAB10		317			
	GRD	-E01	043				GRD	-E01		338				PWR	+E01		352		1/1		I	PCPRA		118		2/1, 3/1	
	GRD	-E01	143				GRD	-E01		339				PWR	+E01		353		1/1							3/2, 1/1	
	GRD	-E01	243				GRD	-E01		340				PWR	+E01		354		1/1		CPMC	IO	PCPRB		018		
CPMC	GRD	-E01	343				GRD	-E01		341				PWR	+E01		355		1/1		DCALMO	I	PAAB10		110		
CPPC	I	-CP	117		1/2		GRD	-E01		342				PWR	+E01		356		1/1		DESTN	O	STA10M		008		
	I	+CP	017		1/2		PWR	-VIN		006				I	SA		018		1/1		DESTP	O	STA10P		108		
DCALMO	O	ALM2	014		1/2		PWR	-VIN		007				I			251		1/2, 2/1		DINTLO	I	CPPI0		014		
DESTN	I	RS2	110		1/2		PWR	-VIN		008				PWR	+VIN		003		3/1, 3/2		DINT100	I			046		
DESTP	I	RS1	011		1/2		PWR	-VIN		106				PWR	+VIN		004										TO PROC CONTROL FRAME CKT
DINTLO	O	INT	112		1/2		PWR	-VIN		107				PWR	+VIN		005										
GRD04016	OT	INT	012				PWR	-VIN		108				PWR	+VIN		102				DMAR100	I			045		
	OT	ALM1	113				PWR	-VIN		206				PWR	+VIN		103			TO PROC CONTROL FRAME CKT							
	I	-S	119				PWR	-VIN		207				PWR	+VIN		104				DOSN	I	OOSN		206		
	GRD	FG	000				PWR	-VIN		208				PWR	+VIN		203				DOSP	I	OOSP		306		
	GRD	FG	001				PWR	-VIN		306				PWR	+VIN		204				DPWELRO	O	INIT00		114		
	GRD	-E01	032				PWR	-VIN		307				PWR	+VIN		205				DRQIPN	I	RO1PN		207		
	GRD	-E01	033				PWR	-VIN		308				PWR	+VIN		205				DRQIPP	I	RO1PP		307		
	GRD	-E01	034				PWR	+E01		045			TO PROC CONTROL FRAME CKT	PWR	+VIN		302				DSCXN	IO	SDXYN		209		
	GRD	-E01	035				PWR	+E01		046		1/1		PWR	+VIN		303				DSDXP	IO	SDXP		309		
	GRD	-E01	036				PWR	+E01		047		1/1		PWR	+VIN		304				DSDXYN	IO	SDXYN		208		
	GRD	-E01	037				PWR	+E01		048		1/1									DSCYP	IO	SCYP		308		
	GRD	-E01	038				PWR	+E01		049		1/1									GRD04024	I	5VAALM1		314		
	GRD	-E01	039				PWR	+E01		050		1/1		GRD	GRD							GRD	GRD		024		
	GRD	-E01	040				PWR	+E01		051		1/1		GRD	GRD							GRD	GRD		100		
	GRD	-E01	041				PWR	+E01		052		1/1		GRD	GRD							GRD	GRD		200		
	GRD	-E01	042				PWR	+E01		053		1/1		GRD	GRD							GRD	GRD		212		
	GRD	FG	100				PWR	+E01		054		1/1		GRD	GRD							GRD	GRD		224		
	GRD	FG	101				PWR	+E01		055		1/1		GRD	GRD							GRD	GRD		300		
	GRD	-E01	132				PWR	+E01		056		1/1		GRD	GRD							GRD	GRD		312		
	GRD	-E01	133				PWR	+E01		145		1/1		GRD	GRD							GRD	GRD		324		
	GRD	-E01	134				PWR	+E01		146		1/1									GRD04102	GRD			146		
	GRD	-E01	135				PWR	+E01		147		1/1									INITDO	GRD			147		
	GRD	-E01	136				PWR	+E01		148		1/1										IO	INITDO0		113		
	GRD	-E01	137				PWR	+E01		149		1/1															TO PROC CONTROL FRAME CKT
	GRD	-E01	138				PWR	+E01		150		1/1															
	GRD	-E01	139				PWR	+E01		151		1/1															
	GRD	-E01	140				PWR	+E01		152		1/1															
	GRD	-E01	141				PWR	+E01		153		1/1															
	GRD	-E01	142				PWR	+E01		154		1/1															
	GRD	FG	200				PWR	+E01		155		1/1															
	GRD	FG	201				PWR	+E01		156		1/1															
	GRD	-E01	232				PWR	+E01		245		1/1															
	GRD	-E01	233				PWR	+E01		246		1/1															
	GRD	-E01	234				PWR	+E01		247		1/1															
	GRD	-E01	235				PWR	+E01		248		1/1															
	GRD	-E01	236				PWR	+E01		249		1/1															
	GRD	-E01	237				PWR	+E01		250		1/1															
	GRD	-E01	238				PWR	+E01		252		1/1															
	GRD	-E01	239				PWR	+E01		253		1/1															
	GRD	-E01	240				PWR	+E01		254		1/1															
	GRD	-E01	241				PWR	+E01		255		1/1															
	GRD	-E01	242				PWR	+E01		256		1/1															
	GRD	FG	300				PWR	+E01		345		1/1															
	GRD	FG	301				PWR	+E01		346		1/1															

SYMBOL NO. 2
DFC POWER CONTROL

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT		
DFCPWRC	04-024	TN68	A			
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	STA400	006			
	O	STA300	007			
	O	PWRK01	016			
	O	STC00	021			
	O	TPB00	022			
	O	LMT00	117			
	O	CPALM00	201			
	O	PWRSWRMN	205			
	O	TP300	223			
	O	TP400	301			
	O	RMTST	303			
	O	PWRSWRMN	305			
	O	ROS00	313			
	O	TP200	323			
	I	PAEF10	009			
	I	PAEF10	010			
	I	PACD10	015			
	I	TPA00	023			
	I	STB100	106			
	I	PACD10	115			
	I	TP310	123			

PART OF FS 1
SYMBOL(S) 1 2
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SCSI NEW SHIP UNIT	DWG SIZE C2
AT&T	ISSUE 1
SD-3T004-01	B1CA

PART OF FS 1
SCSI-DISK FILE CONTROLLER
POWER AND CONTROL

SYMBOL NO. 2 (CONT)
DFC POWER CONTROL

DESIG	EDPT LOC	CODE	ELEM IDENT	OPT
DFCPWRC	04-024	TN68	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
MJ	IO	MJ	321	8/1 TO PROC CONTROL FRAME CKT	
MJR	IO	MJR	221	8/1 TO PROC CONTROL FRAME CKT	
N48DFC2	IO	N48VJ	003	TO PROC CONTROL FRAME CKT	
	IO	N48VJ	004		
PA	IO	PA	319	8/1 TO PROC CONTROL FRAME CKT	
PAR	IO	PAR	219	8/1 TO PROC CONTROL FRAME CKT	
P5VC	PWR	VCC	000	1/1	
	PWR	VCC	124	1/1	
	0	STA200	107	8/1 TO PROC CONTROL FRAME CKT	
48RDFC2	1	N48R	103	TO PROC CONTROL FRAME CKT	
	1	N48R	104		

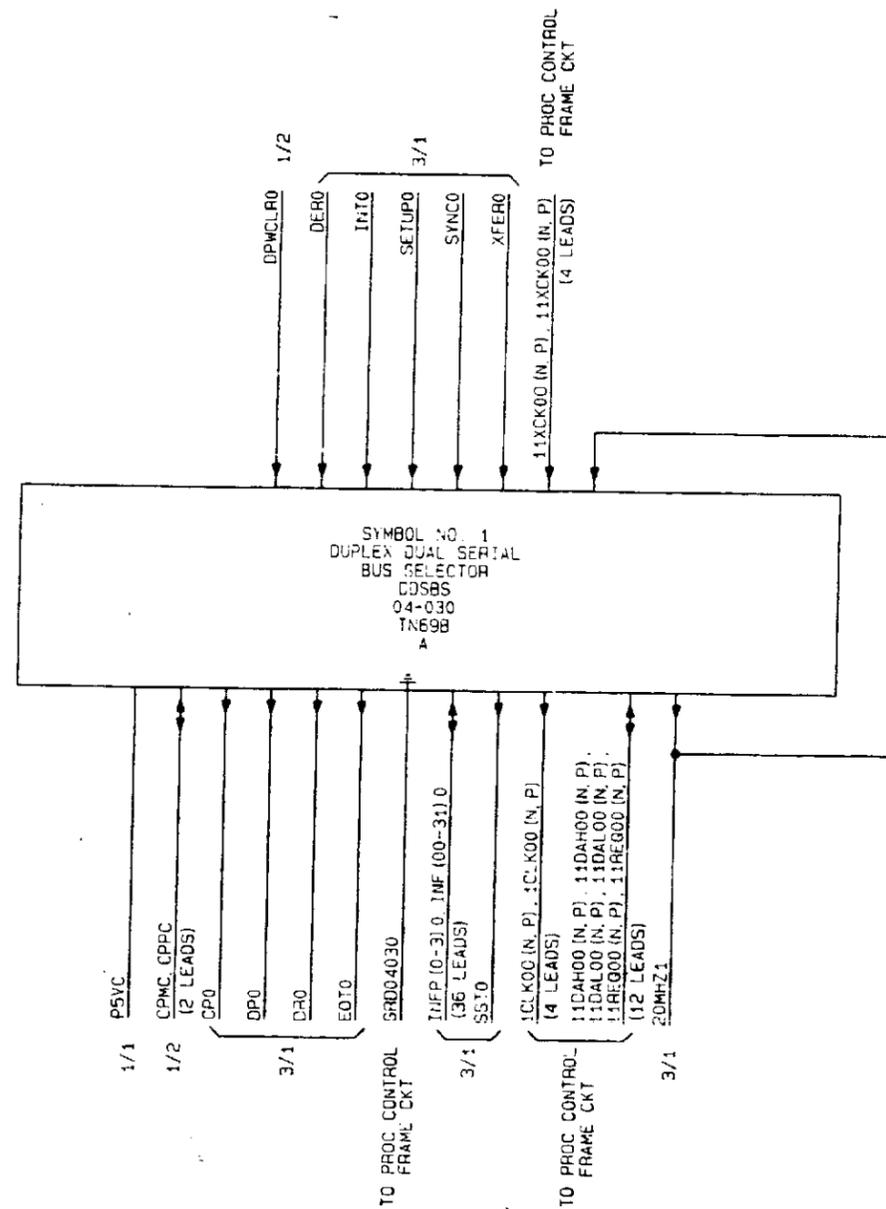
PART OF FS 1
SYMBOL(S) 2
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SCSI NEW SHIP UNIT	DWG SIZE C2	ISSUE 1
AT&T	SD-3T004-01	B1CB

0 1 2 3 4 5 6 7 8 9

A
B
C
D
E
F
G
H

PART OF FS 2
DUPLEX DUAL SERIAL BUS SELECTOR
INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 2
 I/FD SYMBOL (S) 1

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SCSI NEW SHIP UNIT

DWG SIZE 6S	ISSUE 1
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AT&T SD-3T004-01

SHEET 822A

0 1 2 3 4 5 6 7 8 9

PART OF FS 2
 DUPLEX DUAL SERIAL
 BUS SELECTOR

SYMBOL NO. 1
 DUPLEX DUAL SERIAL
 BUS SELECTOR

SYMBOL NO. 1 (CONT)
 DUPLEX DUAL SERIAL
 BUS SELECTOR

SYMBOL NO. 1 (CONT)
 DUPLEX DUAL SERIAL
 BUS SELECTOR

DESIG EOPT CODE ELEM OPT
 --- --- --- --- ---
 DOSBS 04-030 TN698 A ---

DESIG EOPT CODE ELEM OPT
 --- --- --- --- ---
 DOSBS 04-030 TN698 A ---

DESIG EOPT CODE ELEM OPT
 --- --- --- --- ---
 DOSBS 04-030 TN698 A ---

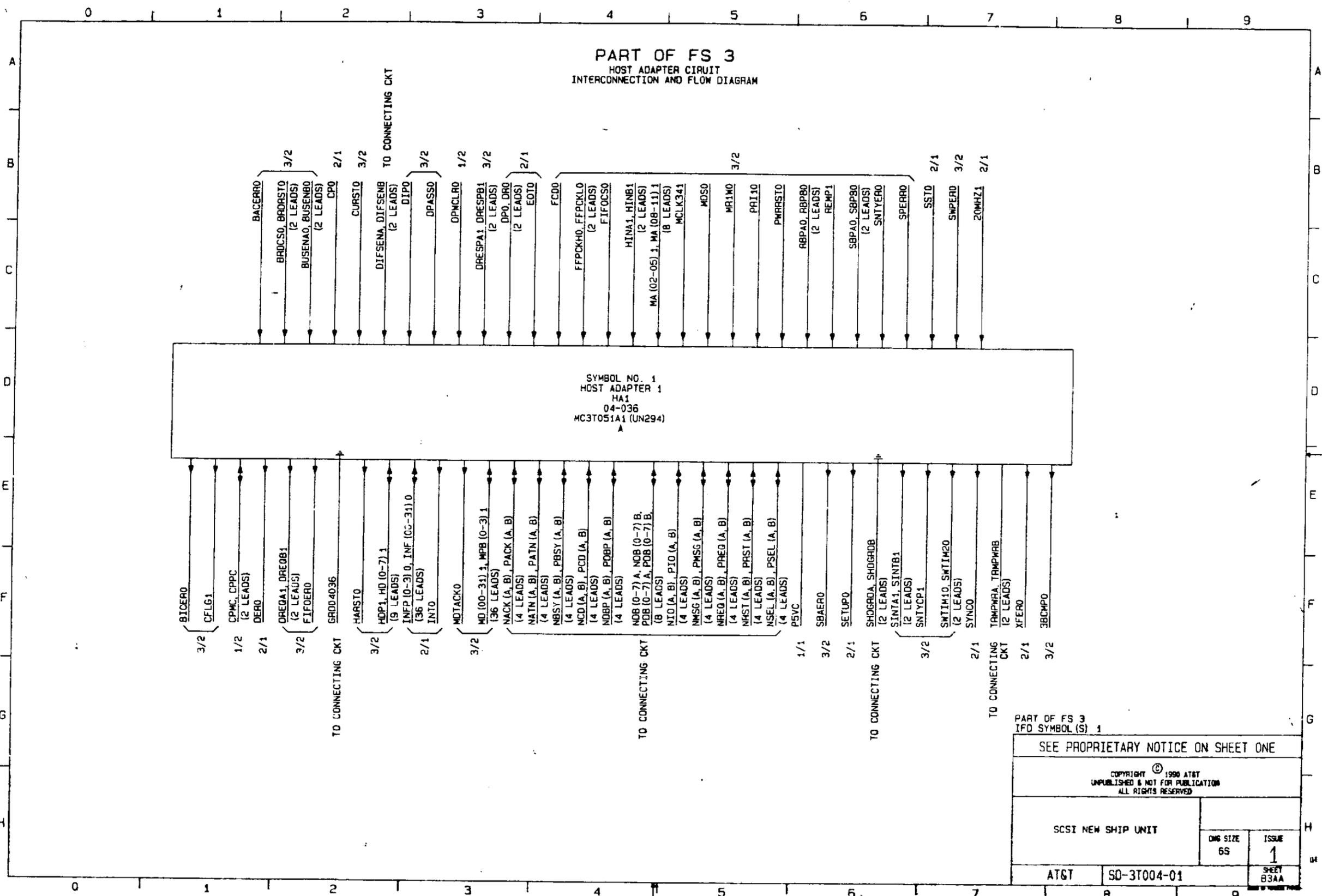
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	0	10MHZ0	016			
	1	PHRSENSE	044			
	1	INHOSC10	213			
	1	STEROC10	313			
	1	20MHZ	314			
	1	GRD	212			
	GRD	GRD	234			
	GRD	GRD	244			
CPMC	10	LIMIT0	024		1/2	
CPPC	10	LIMIT1	023		1/2	
CPD	0	CPD0	319		3/1	
DER0	1	ER10	020		3/1	
DPWCLR0	1	INIT0	344		1/2	
DPO	0	DPO0	219		3/1	
DR0	0	DR00	019		3/1	
EDT0	0	EOT00	118		3/1	
GRD04030	GRD	GRD	006			
	GRD	GRD	101			
	GRD	GRD	103			
	GRD	GRD	111			
	GRD	GRD	113			
	GRD	GRD	117			
	GRD	GRD	119			
	GRD	GRD	121			
	GRD		133		TO PROC CONTROL FRAME CKT	
	GRD	GRD	135			
	GRD	GRD	137			
	GRD	GRD	139			
	GRD	GRD	141			
	GRD	GRD	143			
	GRD	GRD	145			
	GRD	GRD	147			
	GRD	GRD	149			
	GRD	GRD	151			
	GRD	GRD	153			
	GRD	GRD	155			
	GRD	GRD	200			
	GRD	GRD	202			
	GRD	GRD	204			
	GRD	GRD	206			
	GRD	GRD	214			
	GRD	GRD	216			
	GRD	GRD	218			
	GRD	GRD	220			
	GRD	GRD	222			
	GRD	GRD	224			
	GRD	GRD	232			
	GRD	GRD	236			
	GRD	GRD	238			
	GRD	GRD	240			
	GRD	GRD	242			
	GRD	GRD	246			
	GRD	GRD	248			
	GRD	GRD	250			
	GRD	GRD	252			
	GRD	GRD	254			
	GRD	GRD	317			
	GRD	GRD	324			
	GRD	GRD	332			
	GRD	GRD	356			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
INF00	10	INF080	354		3/1	
INF10	10	INF180	154		3/1	
INF20	10	INF280	342		3/1	
INF30	10	INF380	142		3/1	
INF000	10	INF080	134		3/1	
INF010	10	INF0180	135		3/1	
INF020	10	INF0280	136		3/1	
INF030	10	INF0380	037		3/1	
INF040	10	INF0480	138		3/1	
INF050	10	INF0580	039		3/1	
INF060	10	INF0680	140		3/1	
INF070	10	INF0780	041		3/1	
INF080	10	INF0880	334		3/1	
INF090	10	INF0980	235		3/1	
INF100	10	INF1080	336		3/1	
INF110	10	INF1180	237		3/1	
INF120	10	INF1280	338		3/1	
INF130	10	INF1380	239		3/1	
INF140	10	INF1480	340		3/1	
INF150	10	INF1580	241		3/1	
INF160	10	INF1680	146		3/1	
INF170	10	INF1780	047		3/1	
INF180	10	INF1880	148		3/1	
INF190	10	INF1980	049		3/1	
INF200	10	INF2080	150		3/1	
INF210	10	INF2180	051		3/1	
INF220	10	INF2280	152		3/1	
INF230	10	INF2380	053		3/1	
INF240	10	INF2480	346		3/1	
INF250	10	INF2580	247		3/1	
INF260	10	INF2680	348		3/1	
INF270	10	INF2780	249		3/1	
INF280	10	INF2880	350		3/1	
INF290	10	INF2980	251		3/1	
INF300	10	INF3080	352		3/1	
INF310	10	INF3180	253		3/1	
INT0	1	INT10	321		3/1	
PSVC	PMR	VCC	000		1/1	
	PMR	VCC	001		1/1	
	PMR	VCC	032		1/1	
	PMR	VCC	115		1/1	
	PMR	VCC	124		1/1	
	PMR	VCC	132		1/1	
	PMR	VCC	156		1/1	
SETUP0	1	SETUP10	022		3/1	
SST0	0	SST00	318		3/1	
SYNCO	1	SYN10	221		3/1	
XFER0	1	XFER10	021		3/1	
11CLK00N	0	CLK10N	207		TO PROC CONTROL FRAME CKT	
11CLK00P	0	CLK10P	306		TO PROC CONTROL FRAME CKT	
11CLK00N	0	CLK00N	007		TO PROC CONTROL FRAME CKT	
11CLK00P	0	CLK00P	106		TO PROC CONTROL FRAME CKT	
11DAH00N	10	DAH18N	210		TO PROC CONTROL FRAME CKT	
11DAH00P	10	DAH18P	309		TO PROC CONTROL FRAME CKT	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
11DAH00N	10	DAH08N	010		TO PROC CONTROL FRAME CKT	
11DAH00P	10	DAH08P	109		TO PROC CONTROL FRAME CKT	
11DAL00N	10	DAL18N	209		TO PROC CONTROL FRAME CKT	
11DAL00P	10	DAL18P	308		TO PROC CONTROL FRAME CKT	
11DAL00N	10	DAL08N	009		TO PROC CONTROL FRAME CKT	
11DAL00P	10	DAL08P	108		TO PROC CONTROL FRAME CKT	
11REQ00N	10	REQ18N	211		TO PROC CONTROL FRAME CKT	
11REQ00P	10	REQ18P	310		TO PROC CONTROL FRAME CKT	
11REQ00N	10	REQ08N	011		TO PROC CONTROL FRAME CKT	
11REQ00P	10	REQ08P	110		TO PROC CONTROL FRAME CKT	
11XCK00N	1	XCLK11N	208		TO PROC CONTROL FRAME CKT	
11XCK00P	1	XCLK11P	307		TO PROC CONTROL FRAME CKT	
11XCK00N	1	XCLK01N	008		TO PROC CONTROL FRAME CKT	
11XCK00P	1	XCLK01P	107		TO PROC CONTROL FRAME CKT	
20MHZ1	0	20MHZ0	316		3/1	
	1	SPEED1	116		2/1	

PART OF FS 2
 SYMBOL(S) 1
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SCSI NEW SHIP UNIT		DWG SIZE 12
		ISSUE 1
AT&T	SD-3T004-01	B2CA



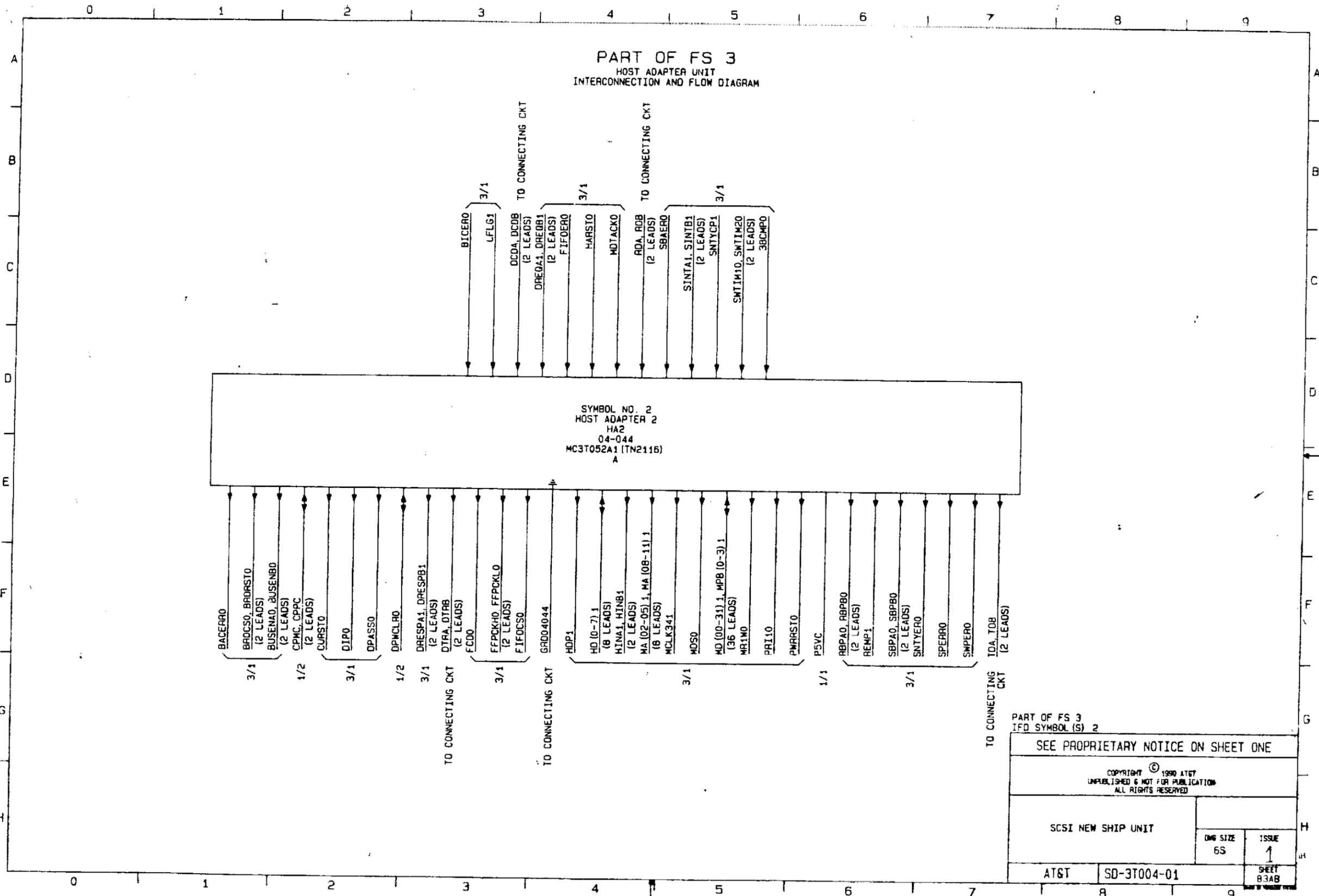
PART OF FS 3
IFO SYMBOL(S) 1

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SCSI NEW SHIP UNIT

DWG SIZE 6S	ISSUE 1
AT&T	SD-3T004-01
SHEET 83AA	



PART OF FS 3
HOST ADAPTER UNIT
INTERCONNECTION AND FLOW DIAGRAM

SYMBOL NO. 2
HOST ADAPTER 2
HA2
04-044
MC3T052A1 (TN2116)
A

PART OF FS 3
IFD SYMBOL (S) 2

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SCSI NEW SHIP UNIT

ONE SIZE 6S	ISSUE 1
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AT&T SD-3T004-01

SHEET 83AB

PART OF FS 3
HOST ADAPTER UNIT

SYMBOL NO. 1
HOST ADAPTER 1 (UN294)

SYMBOL NO. 1 (CONT)
HOST ADAPTER 1 (UN294)

SYMBOL NO. 1 (CONT)
HOST ADAPTER 1 (UN294)

SYMBOL NO. 1 (CONT)
HOST ADAPTER 1 (UN294)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT		
HA1	04-036	MC3T051A1(UN294)	A		HA1	04-036	MC3T051A1(UN294)	A		HA1	04-036	MC3T051A1(UN294)	A		HA1	04-036	MC3T051A1(UN294)	A			
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	
NC	I	MYADD011	145				GRD	GRD	415			INF240	I	INF2480	546						
	I	MYADD111	146				GRD	GRD	424			INF250	I	INF2580	547						
	I	MYADD211	147				GRD	GRD	432			INF260	I	INF2680	548						
	I	MYADD311	148				GRD	GRD	435			INF270	I	INF2780	549						
	I	BIDA01	246				GRD	GRD	439			INF280	I	INF2880	550						
	I	BIDA11	247				GRD	GRD	444			INF290	I	INF2980	551						
	I	BIDA21	248				GRD	GRD	451			INF300	I	INF3080	552						
	I	BIDB01	346				GRD	GRD	456			INF310	I	INF3180	553						
	I	BIDB11	347				GRD	GRD	500			INT0	O	INT00	537						
	I	BIDB21	348				GRD	GRD	510			MA021	I	MA021	043						
BACERRO	I	BAERR10	242		3/2		GRD	GRD	511			MA031	I	MA031	044						
BICERO	O	BICER00	134		3/2		GRD	GRD	513			MA041	I	MA041	045						
BRDCSO	I	BRDCS0	142		3/2		GRD	GRD	515			MA051	I	MA051	046						
BRDRSTO	I	BRDRST0	342		3/2		GRD	GRD	524			MA081	I	MA081	047						
BUSENAO	I	BUSENA0	150		3/2		GRD	GRD	532			MA091	I	MA091	048						
BUSENBO	I	BUSENBO	149		3/2		GRD	GRD	534			MA101	I	MA101	049						
CFLG1	O	CFLG01	136		3/2		GRD	GRD	538			MA111	I	MA111	050						
CPMC	I	LIMIT0	123		1/2		GRD	GRD	540			MCLK341	I	MCLK341	001						
CPPC	I	LIMIT1	122		1/2		GRD	GRD	550			MDS0	I	MDS0	155						
CPO	I	CP10	536		2/1		GRD	GRD	556			MDTACK0	O	MDTACK0	042						
CURST0	I	CURST10	252		3/2		HARST0	O	HARST00	245		MD001	I	MD001	003						
DERO	O	ER00	234		2/1		HDP1	I	HDP1	041		MD011	I	MD011	004						
DIFSENA	I	DFSENA1	410		TO CONNECTING CKT		HD01	I	HD01	033		MD021	I	MD021	005						
DIFSENB	I	DFSENB1	210		TO CONNECTING CKT		HD11	I	HD11	034		MD031	I	MD031	006						
DIP0	I	DIP10	243		3/2		HD21	I	HD21	035		MD041	I	MD041	007						
OPASS0	I	OPASS10	249		3/2		HD31	I	HD31	036		MD051	I	MD051	008						
DPWCLRO	I	PWRCLR10	544		1/2		HD41	I	HD41	037		MD061	I	MD061	010						
DPO	O	DP10	334		2/1		HD51	I	HD51	038		MD071	I	MD071	011						
DREDA1	I	DREDA1	052		3/2		HD61	I	HD61	039		MD081	I	MD081	013						
DREDB1	O	DREDB1	053		3/2		HD71	I	HD71	040		MD091	I	MD091	014						
DRESPA1	I	DRESPA1	054		3/2		HINA1	I	HINA1	255		MD101	I	MD101	015						
DRESPB1	I	DRESPB1	055		3/2		HINB1	I	HINB1	355		MD111	I	MD111	017						
DRO	I	DRO10	233		2/1		INFP00	I	INFP080	554		MD121	I	MD121	018						
EOT0	I	EOT10	333		2/1		INFP10	I	INFP180	455		MD131	I	MD131	019						
FCDO	I	FCDO10	244		3/2		INFP20	I	INFP280	542		MD141	I	MD141	021						
FFPCKHO	I	FFPCKH10	354		3/2		INFP30	I	INFP380	443		MD151	I	MD151	022						
FFPCKLO	I	FFPCKL10	353		3/2		INF000	I	INF0080	344		MD161	I	MD161	102						
FIFOLSO	I	FIFOLSO10	144		3/2		INF010	I	INF0180	343		MD171	I	MD171	103						
FIFOERO	O	FIFOERO0	133		3/2		INF020	I	INF0280	341		MD181	I	MD181	104						
GRD04036	GRD	GRD	002				INF030	I	INF0380	337		MD191	I	MD191	105						
	GRD	GRD	020				INF040	I	INF0480	238		MD201	I	MD201	106						
	GRD	GRD	101				INF050	I	INF0580	338		MD211	I	MD211	107						
	GRD	GRD	115				INF060	I	INF0680	340		MD221	I	MD221	109						
	GRD	GRD	143				INF070	I	INF0780	442		MD231	I	MD231	110						
	GRD	GRD	211				INF080	I	INF0880	434		MD241	I	MD241	112						
	GRD	GRD	213				INF090	I	INF0980	339		MD251	I	MD251	113						
	GRD	GRD	215				INF100	I	INF1080	436		MD261	I	MD261	114						
	GRD	GRD	224				INF110	I	INF1180	437		MD271	I	MD271	116						
	GRD	GRD	237				INF120	I	INF1280	438		MD281	I	MD281	117						
	GRD	GRD	254				INF130	I	INF1380	539		MD291	I	MD291	118						
	GRD	GRD	300				INF140	I	INF1480	440		MD301	I	MD301	119						
	GRD	GRD	310				INF150	I	INF1580	541		MD311	I	MD311	120						
	GRD	GRD	311				INF160	I	INF1680	445		MPB01	I	MPB01	121						
	GRD	GRD	313				INF170	I	INF1780	446		MPB11	I	MPB11	111						
	GRD	GRD	315				INF180	I	INF1880	447		MPB21	I	MPB21	023						
	GRD	GRD	324				INF190	I	INF1980	351		MPB31	I	MPB31	012						
	GRD	GRD	332				INF200	I	INF2080	352		MR1W0	I	MR1W0	349						
	GRD	GRD	356				INF210	I	INF2180	448		NACKA	I	NACKAN	517						
	GRD	GRD	411				INF220	I	INF2280	452		NACKB	I	NACKBN	317						
	GRD	GRD	413				INF230	I	INF2380	555		NATNA	I	NATNAN	514						

PART OF FS 3
SYMBOL(S) 1

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SESI NEW SHIP UNIT		DWG SIZE C2
AT&T		ISSUE 1
SD-3T004-01		B3CA

PART OF FS 3
HOST ADAPTER UNIT

SYMBOL NO. 1 (CONT)
HOST ADAPTER 1 (UN294)

SYMBOL NO. 1 (CONT)
HOST ADAPTER 1 (UN294)

SYMBOL NO. 2 (CONT)
HOST ADAPTER 2 (TN2116)

SYMBOL NO. 2 (CONT)
HOST ADAPTER 2 (TN2116)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
HA1	04-036	MC3T051A1(UN294)	A	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
HA1	04-036	MC3T051A1(UN294)	A	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
HA2	04-044	MC3T052A1(TN2116)	A	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
HA2	04-044	MC3T052A1(TN2116)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
PDB3B	IO	SDB3P	204		TO CONNECTING CKT	
PDB4A	IO	SDA4P	405		TO CONNECTING CKT	
PDB4B	IO	SDB4P	205		TO CONNECTING CKT	
PDB5A	IO	SDA5P	406		TO CONNECTING CKT	
PDB5B	IO	SDB5P	206		TO CONNECTING CKT	
PDB6A	IO	SDA6P	407		TO CONNECTING CKT	
PDB6B	IO	SDB6P	207		TO CONNECTING CKT	
PDB7A	IO	SDA7P	408		TO CONNECTING CKT	
PDB7B	IO	SDB7P	208		TO CONNECTING CKT	
P10A	IO	IOAP	423		TO CONNECTING CKT	
P10B	IO	IOBP	223		TO CONNECTING CKT	
PMSGA	IO	MSGAP	419		TO CONNECTING CKT	
PMSGB	IO	MSGBP	219		TO CONNECTING CKT	
PREQA	IO	REQAP	422		TO CONNECTING CKT	
PREQB	IO	REQBP	222		TO CONNECTING CKT	
PR110	I	PR110	250		3/2	
PRSTA	IO	RSTAP	418		TO CONNECTING CKT	
PRSTB	IO	RSTBP	218		TO CONNECTING CKT	
PSELA	IO	SELAP	420		TO CONNECTING CKT	
PSELB	IO	SELBP	220		TO CONNECTING CKT	
PWRST0	I	PWRST0	233		3/2	
PSVC	PWR	VCC	000		1/1	
	PWR	VCC	009		1/1	
	PWR	VCC	016		1/1	
	PWR	VCC	024		1/1	
	PWR	VCC	032		1/1	
	PWR	VCC	051		1/1	
	PWR	VCC	056		1/1	
	PWR	VCC	100		1/1	
	PWR	VCC	108		1/1	
	PWR	VCC	124		1/1	
	PWR	VCC	132		1/1	
	PWR	VCC	156		1/1	
	PWR	VCC	232		1/1	
	PWR	VCC	256		1/1	
	PWR	VCC	336		1/1	
	PWR	VCC	345		1/1	
	PWR	VCC	433		1/1	
	PWR	VCC	441		1/1	
	PWR	VCC	449		1/1	
	PWR	VCC	543		1/1	
	PWR	VCC	545		1/1	
	PWR	VCC	553		1/1	
RBP40	I	RBP40	154		3/2	
RBP80	I	RBP80	153		3/2	
REMP1	I	REMP1	251		3/2	
SBAERO	O	SBAERO	350		3/2	
SBP40	I	SBP40	152		3/2	
SBP80	I	SBP80	151		3/2	
SETUP0	O	SETUP0	236		2/1	
SHDGRDA	GRD	GRD	400		TO CONNECTING CKT	
SHDGRDB	GRD	GRD	200		TO CONNECTING CKT	
SINTA1	O	SINTA1	137		3/2	
SINTB1	O	SINTB1	138		3/2	
SNTYCP1	O	SNTYCP1	141		3/2	
SNTYER0	I	SNTYER0	239		3/2	
SPERR0	I	SPERR0	241		3/2	
SST0	I	SST0	535		2/1	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
SWPER0	I	SWPER10	240		3/2	
SWTM10	O	SWTM10	135		3/2	
SWTM20	O	SWTM20	139		3/2	
SYNCO	O	SYNCO	335		2/1	
TRMPHRA	PWR	TRMPHRA	412		TO CONNECTING CKT	
	PWR	TRMPHRA	112		TO CONNECTING CKT	
TRMPHRB	PWR	TRMPHRB	212		TO CONNECTING CKT	
	PWR	TRMPHRB	312		TO CONNECTING CKT	
XFER0	O	XFER00	235		2/1	
Z0MHZ1	I	Z0MHZ1	533		2/1	
ZBCMP0	O	ZBCMP00	140		3/2	

SYMBOL NO. 2
HOST ADAPTER 2 (TN2116)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
HA2	04-044	MC3T052A1(TN2116)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	PWRDIS00	036			
	O	PWRDIS10	037			
	I	OVRTMP00	034			
	I	OVRTMP10	035			
BACERRO	O	BAERRO	142		3/1	
BICERO	I	BICERO	334		3/1	
BROCS0	O	BROSEL0	242		3/1	
BRDRST0	O	BRDRST0	042		3/1	
BUSENA0	O	BUSENA0	350		3/1	
BUSENB0	O	BUSENB0	249		3/1	
CFLG1	I	CFLG1	336		3/1	
CPMC	IO	LIMIT0	123		1/2	
CPPC	IO	LIMIT1	122		1/2	
CLURST0	O	CLURST0	052		3/1	
DCDA	I	DCDA	102		TO CONNECTING CKT	
DCDB	I	DCDB	109		TO CONNECTING CKT	
DIP0	O	DIP00	143		3/1	
DPASS0	O	DPASS00	049		3/1	
DPWLR0	IO	DPWLR0	344		1/2	
DREQA1	I	DREQA1	152		3/1	
DREQB1	I	DREQB1	253		3/1	
DRESPA1	O	DRESPA1	254		3/1	
DRESPB1	O	DRESPB1	255		3/1	
DTRA	O	DTRA	003		TO CONNECTING CKT	
DTRB	O	DTRB	008		TO CONNECTING CKT	
FCD0	O	FCD00	044		3/1	
FFPCKH0	O	FFPCKH0	154		3/1	
FFPCKL0	O	FFPCKL0	153		3/1	
FIF0CS0	O	FIF0CS0	345		3/1	
FIF0ER0	I	FIF0ER0	333		3/1	
GRD0404	GRD	GRD	000			
	GRD	GRD	002			
	GRD	GRD	009			
	GRD	GRD	011			
	GRD	GRD	014			
	GRD	GRD	039			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	101			
	GRD	GRD	103			
	GRD	GRD	138			
	GRD	GRD	110		TO CONNECTING CKT	
	GRD	GRD	140		TO CONNECTING CKT	
	GRD	GRD	150		TO CONNECTING CKT	
	GRD	GRD	200			
	GRD	GRD	201			
	GRD	GRD	218			
	GRD	GRD	220			
	GRD	GRD	224			
	GRD	GRD	232			
	GRD	GRD	238			
	GRD	GRD	244			
	GRD	GRD	246			
	GRD	GRD	251			
	GRD	GRD	256			
	GRD	GRD	300			
	GRD	GRD	302			
	GRD	GRD	315			
	GRD	GRD	323			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
HARST0	I	HARST0	324		3/1	
HDP1	O	HDP1	141		3/1	
HD01	IO	HD01	233		3/1	
HD11	IO	HD11	234		3/1	
HD21	IO	HD21	135		3/1	
HD31	IO	HD31	236		3/1	
HD41	IO	HD41	237		3/1	
HD51	IO	HD51	138		3/1	
HD61	IO	HD61	239		3/1	
HD71	IO	HD71	240		3/1	
HINA1	O	HINA1	055		3/1	
HINB1	O	HINB1	155		3/1	
MA021	O	MA021	243		3/1	
MA031	O	MA031	144		3/1	
MA041	O	MA041	245		3/1	
MA051	O	MA051	146		3/1	
MA081	O	MA081	247		3/1	
MA091	O	MA091	348		3/1	
MA101	O	MA101	149		3/1	
MA111	O	MA111	250		3/1	
MCLK341	O	MCLK341	301		3/1	
MS0	O	MS0	355		3/1	
MDTACK0	I	MDTACK0	342		3/1	
MD001	IO	MD001	203		3/1	
MD011	IO	MD011	204		3/1	
MD021	IO	MD021	205		3/1	
MD031	IO	MD031	206		3/1	
MD041	IO	MD041	207		3/1	
MD051	IO	MD051	208		3/1	
MD061	IO	MD061	210		3/1	
MD071	IO	MD071	211		3/1	
MD081	IO	MD081	213		3/1	
MD091	IO	MD091	114		3/1	
MD101	IO	MD101	215		3/1	
MD111	IO	MD111	117		3/1	
MD121	IO	MD121	118		3/1	
MD131	IO	MD131	119		3/1	
MD141	IO	MD141	221		3/1	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
MD151	IO	MD151	222		3/1	
MD161	IO	MD161	202		3/1	
MD171	IO	MD171	303		3/1	
MD181	IO	MD181	304		3/1	
MD191	IO	MD191	305		3/1	
MD201	IO	MD201	306		3/1	
MD211	IO	MD211	307		3/1	
MD221	IO	MD221	309		3/1	
MD231	IO	MD231	310		3/1	
MD241	IO	MD241	312		3/1	
MD251	IO	MD251	313		3/1	
MD261	IO	MD261	314		3/1	
MD271	IO	MD271	316		3/1	
MD281	IO	MD281	217		3/1	
MD291	IO	MD291	318		3/1	
MD301	IO	MD301	219		3/1	
MD311	IO	MD311	320		3/1	
MPB01	IO	MPB01	321		3/1	
MPB11	IO	MPB11	311		3/1	
MPB21	IO	MPB21	223		3/1	
MPB31	IO	MPB31	112		3/1	
MR1W0	O	MR1W0	148		3/1	
PR110	O	PR110	050		3/1	
PWRST00	O	PWRST00	053		3/1	
PSVC	PWR	VCC	018		1/1	
	PWR	VCC	023		1/1	
	PWR	VCC	024		1/1	
	PWR	VCC	032		1/1	
	PWR	VCC	033		1/1	
	PWR	VCC	045		1/1	
	PWR	VCC	056		1/1	
	PWR	VCC	113		1/1	
	PWR	VCC	121		1/1	
	PWR	VCC	124		1/1	
	PWR	VCC	132		1/1	
	PWR	VCC	133		1/1	
	PWR	VCC	137		1/1	
	PWR	VCC	156		1/1	
	PWR	VCC	209		1/1	
	PWR	VCC	212		1/1	
	PWR	VCC	214		1/1	
	PWR	VCC	235		1/1	
	PWR	VCC	308		1/1	
	PWR	VCC	319		1/1	
	PWR	VCC	343		1/1	
RBP40	PWR	VCC	349		1/1	
RBP80	O	RBP40	354		3/1	
	O	RBP80	353		3/1	
RDA	I	RDA	001		TO CONNECTING CKT	
RDB	I	RDB	010		TO CONNECTING CKT	

PART OF FS 3
HOST ADAPTER UNIT

SYMBOL NO. 2 (CONT)
HOST ADAPTER 2 (TN2116)

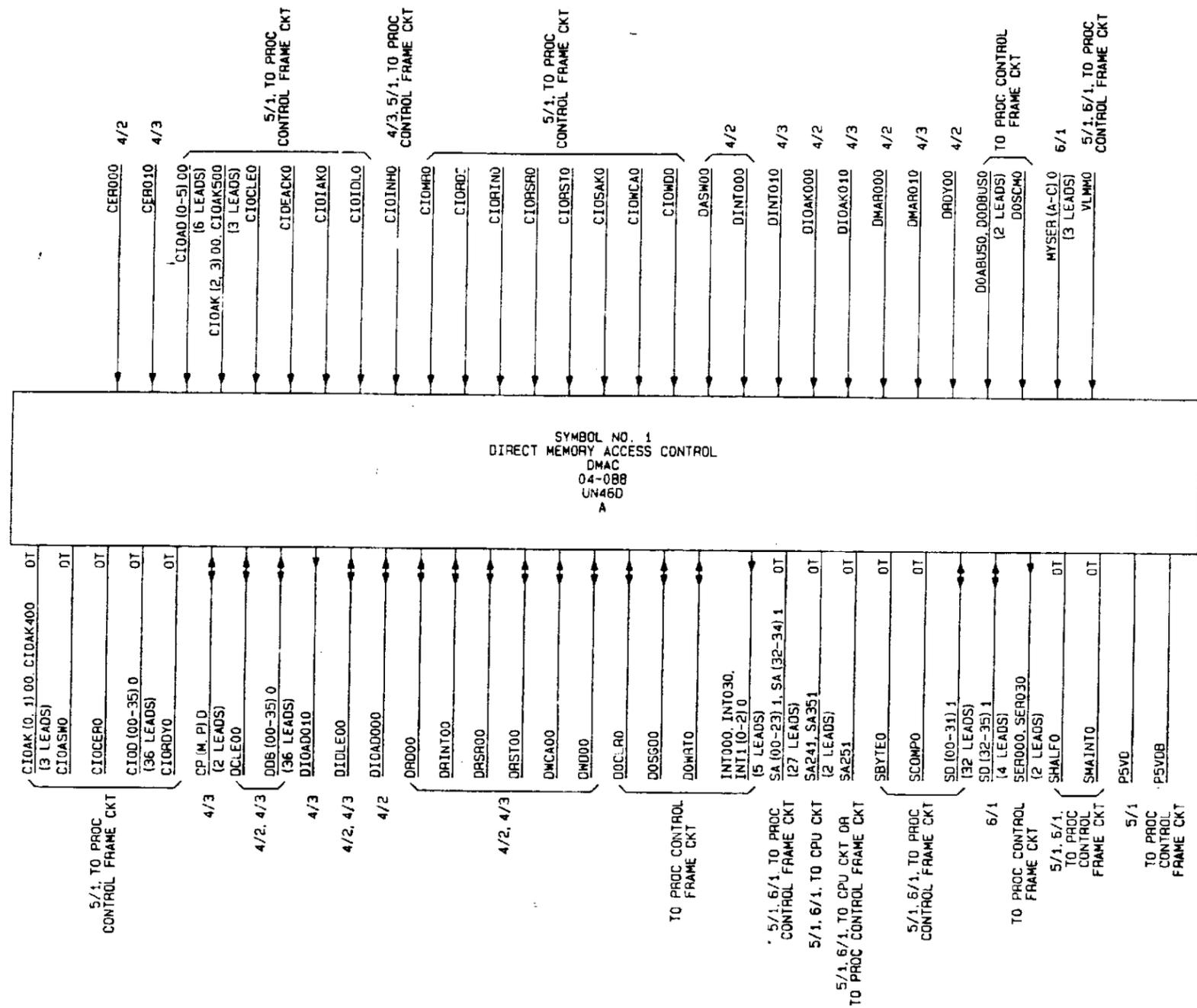
DESIG	EDPT LDC	CODE	ELEM IDENT	OPT
HAZ	04-044	MC3T052A1(TN2116)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
REMP1	0	REMP1	051	3/1	
SBAER0	1	BAERRO	151	3/1	
SBPAD	0	SBPAD	252	3/1	
SBP80	0	SBP80	351	3/1	
SINTA1	1	SINTA1	337	3/1	
SINTB1	1	SINTB1	338	3/1	
SNTYCP1	1	SNTYCP1	241	3/1	
SNTYER0	0	SNTYER0	139	3/1	
SPER0	0	SPER0	041	3/1	
SWPER0	0	SWPER0	040	3/1	
SWTM10	1	SWTM10	335	3/1	
SWTM20	1	SWTM20	339	3/1	
TDA	0	TDA	100	TO CONNECTING CKT	
TDB	0	TDB	111	TO CONNECTING CKT	
3BCHPO	1	3BRCHPO	340	3/1	

PART OF FS 3
SYMBOL(S) 2
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SCSI NEW SHIP UNIT		DWG SIZE 12
		ISSUE 1
AT&T	SD-3T004-01	B3CC

PART OF FS 4
DMA CONTROLLER 0
INTERCONNECTION AND FLOW DIAGRAM



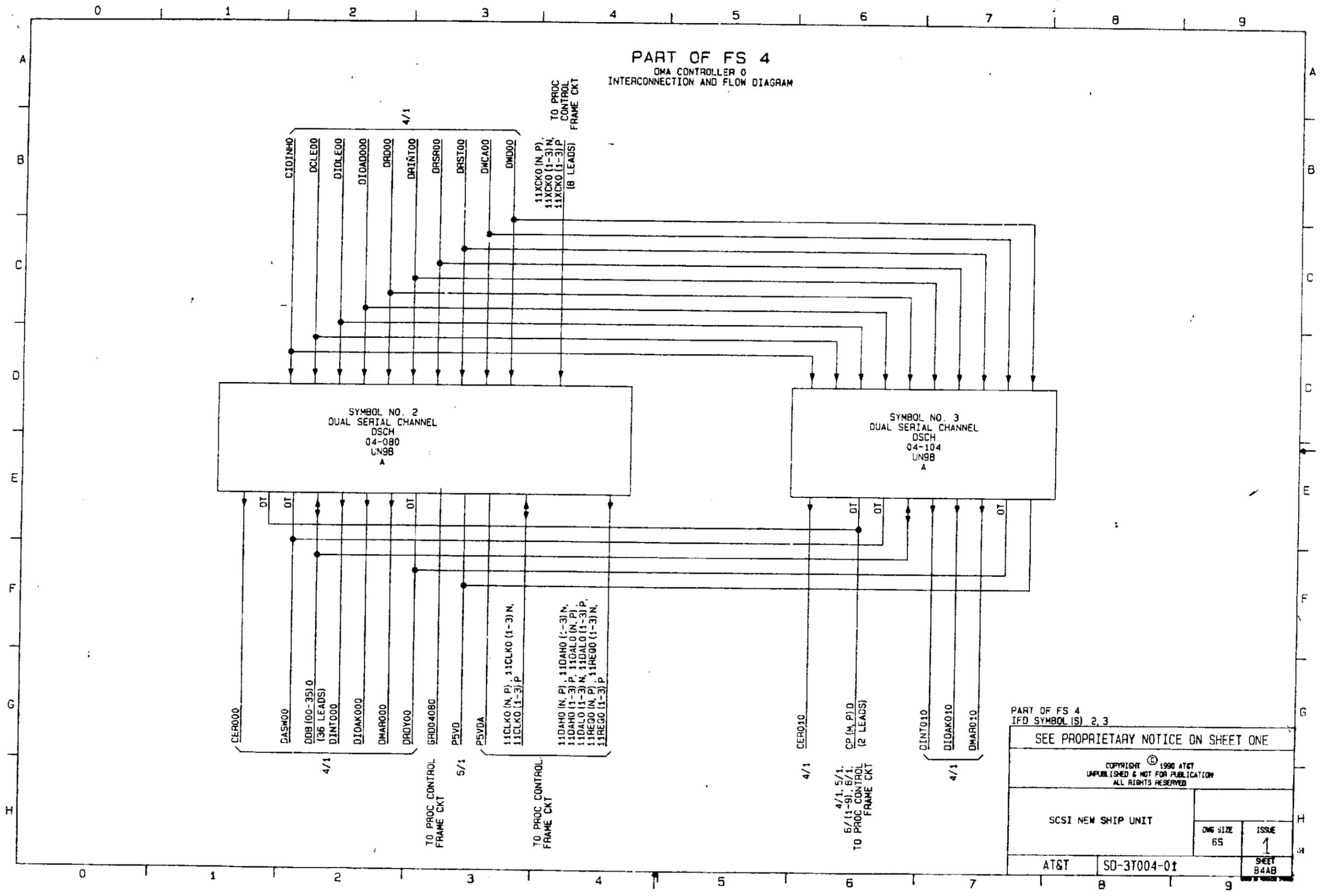
PART OF FS 4
IFO SYMBOL (S) 1

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SCSI NEW SHIP UNIT

DWG SIZE 6S	ISSUE 1
AT&T	SD-3T004-01
SHEET BAAA	



PART OF FS 4
DMA CONTROLLER 0
INTERCONNECTION AND FLOW DIAGRAM

SYMBOL NO. 2
DUAL SERIAL CHANNEL
DSCH
04-080
UN9B
A

SYMBOL NO. 3
DUAL SERIAL CHANNEL
DSCH
04-104
UN9B
A

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

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SCSI NEW SHIP UNIT

DRG SIZE	ISSUE
65	1

AT&T	SD-3T004-01	SHEET	B4AB
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PART OF FS 4
DMA CONTROLLER D

SYMBOL NO. 1 DIRECT MEMORY ACCESS CONTROL							SYMBOL NO. 1 (CONT) DIRECT MEMORY ACCESS CONTROL							SYMBOL NO. 1 (CONT) DIRECT MEMORY ACCESS CONTROL							SYMBOL NO. 1 (CONT) DIRECT MEMORY ACCESS CONTROL											
DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT							
DMAC	04-088	UN460	A				DMAC	04-088	UN460	A				DMAC	04-088	UN460	A				DMAC	04-088	UN460	A								
LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE					
NC	0	CLOCK01	255									FRAME CKT		C10D280	OT	DB280	210		5/1							DBB020	10	DBB0280	434		4/2,4/3	
	I	ROMAD01	244				C10D050	OT	DB050	404		5/1							TO PROC CONTROL							DBB030	10	DBB0380	435		4/2,4/3	
	I	ROMAD11	246									FRAME CKT		C10D290	OT	DB290	009		5/1							DBB040	10	DBB0480	233		4/2,4/3	
	I	ROMAD21	247				C10D060	OT	DB060	405		5/1							TO PROC CONTROL							DBB050	10	DBB0580	436		4/2,4/3	
	I	ROMAD31	248									FRAME CKT		C10D300	OT	DB300	010		5/1							DBB060	10	DBB0680	437		4/2,4/3	
	I	ROMAD41	249				C10D070	OT	DB070	202		5/1							TO PROC CONTROL							DBB070	10	DBB0780	234		4/2,4/3	
	I	ROMAD51	250									FRAME CKT		C10D310	OT	DB310	211		5/1							DBB080	10	DBB0880	033		4/2,4/3	
	I	ROMAD61	251				C10D080	OT	DB080	001		5/1							TO PROC CONTROL							DBB090	10	DBB0980	235		4/2,4/3	
	I	ROMAD71	252									FRAME CKT		C10D320	OT	DB320	400		5/1							DBB100	10	DBB1080	034		4/2,4/3	
	I	ROMAD81	253				C10D090	OT	DB090	203		5/1							TO PROC CONTROL							DBB110	10	DBB1180	035		4/2,4/3	
	I	CER010	534		4/2							FRAME CKT		C10D330	OT	DB330	000		5/1							DBB120	10	DBB1280	236		4/2,4/3	
CER000	I	CER110	540		4/3		C10D100	OT	DB100	002		5/1							TO PROC CONTROL							DBB130	10	DBB1380	036		4/2,4/3	
C10AD000	I	C10AD00	506		5/1							FRAME CKT		C10D340	OT	DB340	411		5/1							DBB140	10	DBB1480	037		4/2,4/3	
C10AD100	I	C10AD10	507		5/1		C10D110	OT	DB110	003		5/1							TO PROC CONTROL							DBB150	10	DBB1580	237		4/2,4/3	
C10AD200	I	C10AD20	508		5/1							FRAME CKT		C10D350	OT	DB350	011		5/1							DBB160	10	DBB1680	438		4/2,4/3	
C10AD300	I	C10AD30	509		5/1		C10D120	OT	DB120	012		5/1							TO PROC CONTROL							DBB170	10	DBB1780	238		4/2,4/3	
C10AD400	I	C10AD40	510		5/1							FRAME CKT		C10D360	OT	DB360	012		5/1							DBB180	10	DBB1880	439		4/2,4/3	
C10AD500	I	C10AD50	511		5/1		C10D130	OT	DB130	004		5/1							TO PROC CONTROL							DBB190	10	DBB1980	440		4/2,4/3	
C10AK000	OT	CAK000	500		5/1							FRAME CKT		C10D370	OT	DB370	013		5/1							DBB200	10	DBB2080	239		4/2,4/3	
C10AK100	OT	CAK100	501		5/1		C10D140	OT	DB140	005		5/1							TO PROC CONTROL							DBB210	10	DBB2180	441		4/2,4/3	
C10AK200	I		502		5/1							FRAME CKT		C10D380	OT	DB380	014		5/1							DBB220	10	DBB2280	442		4/2,4/3	
C10AK300	I		503		5/1		C10D150	OT	DB150	205		5/1							TO PROC CONTROL							DBB230	10	DBB2380	240		4/2,4/3	
C10AK400	OT	CAK200	504		5/1							FRAME CKT		C10D160	OT	DB160	406		5/1							DBB240	10	DBB2480	038		4/2,4/3	
C10AK500	I		505		5/1		C10D170	OT	DB170	206		5/1							TO PROC CONTROL							DBB250	10	DBB2580	241		4/2,4/3	
C10ASW0	OT	CASW00	024		5/1							FRAME CKT		C10D180	OT	DB180	407		5/1							DBB260	10	DBB2680	039		4/2,4/3	
C10CER0	OT	CER000	023		5/1		C10D190	OT	DB190	408		5/1							TO PROC CONTROL							DBB270	10	DBB2780	040		4/2,4/3	
C10CLE0	I	CCL010	524		5/1							FRAME CKT		C10D200	OT	DB200	207		5/1							DBB280	10	DBB2880	242		4/2,4/3	
C10D000	OT	DB0080	401		5/1		C10D210	OT	DB210	409		5/1							TO PROC CONTROL							DBB290	10	DBB2980	041		4/2,4/3	
C10D010	OT	DB0180	200		5/1							FRAME CKT		C10D220	OT	DB220	410		5/1							DBB300	10	DBB3080	042		4/2,4/3	
C10D020	OT	DB0280	402		5/1		C10D230	OT	DB230	208		5/1							TO PROC CONTROL							DBB310	10	DBB3180	243		4/2,4/3	
C10D030	OT	DB0380	403		5/1							FRAME CKT		C10D240	OT	DB240	006		5/1							DBB320	10	DBB3280	432		4/2,4/3	
C10D040	OT	DB0480	201		5/1		C10D250	OT	DB250	209		5/1							TO PROC CONTROL							DBB330	10	DBB3380	032		4/2,4/3	
					TO PROC CONTROL							FRAME CKT		C10D260	OT	DB260	007		5/1							DBB340	10	DBB3480	443		4/2,4/3	
					TO PROC CONTROL		C10D270	OT	DB270	008		5/1							TO PROC CONTROL							DBB350	10	DBB3580	043		4/2,4/3	
					TO PROC CONTROL							FRAME CKT							TO PROC CONTROL							D1DLE00	10	D1DLE00	554		4/2,4/3	
					TO PROC CONTROL							FRAME CKT							TO PROC CONTROL							D1INT000	I	D1INT010	444		4/2	
					TO PROC CONTROL							FRAME CKT							TO PROC CONTROL							D1INT010	I	D1INT010	544		4/3	
					TO PROC CONTROL							FRAME CKT							TO PROC CONTROL							D1LOAD000	I	D1LOAD000	542		4/2	
					TO PROC CONTROL							FRAME CKT							TO PROC CONTROL							D1LOAD010	O	D1LOAD100	543		4/3	
					TO PROC CONTROL							FRAME CKT							TO PROC CONTROL							D1OAK000	I	DAK010	536		4/2	
					TO PROC CONTROL							FRAME CKT							TO PROC CONTROL							D1OAK010	I	DAK110	537		4/3	
					TO PROC CONTROL							FRAME CKT							TO PROC CONTROL							DMAR000	I	DMAR010	550		4/2	
					TO PROC CONTROL							FRAME CKT							TO PROC CONTROL							DMAR010	I	DMAR110	553		4/3	
					TO PROC CONTROL							FRAME CKT							TO PROC CONTROL							DRDY000	I	DRDY010	053		4/2	
					TO PROC CONTROL							FRAME CKT							TO PROC CONTROL							DRD000	10	DRD000	049		4/2,4/3	
					TO PROC CONTROL							FRAME CKT							TO PROC CONTROL							DRINT000	10	DRINT000	047		4/2,4/3	
					TO PROC CONTROL							FRAME CKT							TO PROC CONTROL							DRS000	10	DRS000	552		4/2,4/3	
					TO PROC CONTROL							FRAME CKT							TO PROC CONTROL							DRST000	10	DRST000	048		4/2,4/3	
					TO PROC CONTROL							FRAME CKT							TO PROC CONTROL							DWCA000	10	DWCA000	050		4/2,4/3	
					TO PROC CONTROL							FRAME CKT							TO PROC CONTROL							DW000	10	DW000	045		4/2,4/3	
					TO PROC CONTROL							FRAME CKT							TO PROC CONTROL													
					TO PROC CONTROL							FRAME CKT							TO PROC CONTROL													
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					TO PROC CONTROL							FRAME CKT							TO PROC CONTROL								</					

PART OF FS 4
DMA CONTROLLER 0

SYMBOL NO. 1 (CONT)

DIRECT MEMORY ACCESS CONTROL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DMAC	04-088	UN460	A	

SYMBOL NO. 1 (CONT)

DIRECT MEMORY ACCESS CONTROL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DMAC	04-088	UN460	A	

SYMBOL NO. 1 (CONT)

DIRECT MEMORY ACCESS CONTROL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DMAC	04-088	UN460	A	

SYMBOL NO. 1 (CONT)

DIRECT MEMORY ACCESS CONTROL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DMAC	04-088	UN460	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
DOABUS0	I	DABUS10	151		TO PROC CONTROL FRAME CKT		INT120	O	DMINT00	412		TO PROC CONTROL FRAME CKT		SA121	OT	SA1201	346		5/1 6/1 TO PROC CONTROL FRAME CKT		SD001	IO	SD0081	414		6/1 TO PROC CONTROL FRAME CKT	
DOCLR0	IO	DCLR00	150		TO PROC CONTROL FRAME CKT		MYSERAO	I	MYSERAO	153		6/1		SA131	OT	SA1301	347		5/1 6/1 TO PROC CONTROL FRAME CKT		SD011	IO	SD0181	415		5/1,6/1 TO PROC CONTROL FRAME CKT	
DODBUS0	I	DDBUS10	121		TO PROC CONTROL FRAME CKT		MYSERBO	I	MYSERB10	155		6/1		SA141	OT	SA1401	348		5/1 6/1 TO PROC CONTROL FRAME CKT		SD021	IO	SD0281	416		5/1,6/1 TO PROC CONTROL FRAME CKT	
DOSCM0	I	DSCM10	152		TO PROC CONTROL FRAME CKT		MYSERCO	I	MYSERC10	123		6/1		SA151	OT	SA1501	349		5/1 6/1 TO PROC CONTROL FRAME CKT		SD031	IO	SD0381	417		5/1,6/1 TO PROC CONTROL FRAME CKT	
DOSG00	IO	DSTG000	122		TO PROC CONTROL FRAME CKT		P5VD	PWR	VCC	100		5/1		SA161	OT	SA1601	350		5/1 6/1 TO PROC CONTROL FRAME CKT		SD041	IO	SD0481	418		5/1,6/1 TO PROC CONTROL FRAME CKT	
DOWRTO	IO	DWRTO0	149		TO PROC CONTROL FRAME CKT		P5VDB	PWR	VCC	100		5/1		SA171	OT	SA1701	351		5/1 6/1 TO PROC CONTROL FRAME CKT		SD051	IO	SD0581	419		5/1,6/1 TO PROC CONTROL FRAME CKT	
GRD04088	I	DMA010	044				PWR	VCC	111				SA181	OT	SA1801	352		5/1 6/1 TO PROC CONTROL FRAME CKT		SD061	IO	SD0681	420		5/1,6/1 TO PROC CONTROL FRAME CKT		
	I	MPCEND	254				PWR	VCC	124				SA191	OT	SA1901	353		5/1 6/1 TO PROC CONTROL FRAME CKT		SD071	IO	SD0781	421		5/1,6/1 TO PROC CONTROL FRAME CKT		
	GRD	GRD	101				PWR	VCC	124				SA201	OT	SA2001	354		5/1 6/1 TO PROC CONTROL FRAME CKT		SD081	IO	SD0881	422		5/1,6/1 TO PROC CONTROL FRAME CKT		
	GRD	GRD	102				PWR	VCC	132				SA211	OT	SA2101	355		5/1 6/1 TO PROC CONTROL FRAME CKT		SD091	IO	SD0981	423		5/1,6/1 TO PROC CONTROL FRAME CKT		
	GRD	GRD	103				PWR	VCC	143				SA221	OT	SA2201	144		5/1 6/1 TO PROC CONTROL FRAME CKT		SD101	IO	SD1081	314		5/1,6/1 TO PROC CONTROL FRAME CKT		
	GRD	GRD	104				PWR	VCC	156				SA231	OT	SA2301	145		5/1 6/1 TO PROC CONTROL FRAME CKT		SD111	IO	SD1181	315		5/1,6/1 TO PROC CONTROL FRAME CKT		
	GRD	GRD	105				PWR	VCC	224				SA241	OT	SA2401	547		5/1 6/1 TO PROC CONTROL FRAME CKT		SD121	IO	SD1281	316		5/1,6/1 TO PROC CONTROL FRAME CKT		
	GRD	GRD	106				PWR	VCC	256				SA251	OT	SA2501	548		5/1 6/1 TO CPU CKT		SD131	IO	SD1381	317		5/1,6/1 TO PROC CONTROL FRAME CKT		
	GRD	GRD	107				PWR	VCC	300				SA321	OT	SA3201	148		5/1 6/1 TO CPU CKT OR TO PROC CONTROL FRAME CKT		SD141	IO	SD1481	318		5/1,6/1 TO PROC CONTROL FRAME CKT		
	GRD	GRD	108				PWR	VCC	311				SA331	OT	SA3301	147		5/1 6/1 TO PROC CONTROL FRAME CKT		SD151	IO	SD1581	319		5/1,6/1 TO PROC CONTROL FRAME CKT		
	GRD	GRD	109				PWR	VCC	324				SA341	OT	SA3401	146		5/1 6/1 TO PROC CONTROL FRAME CKT		SD161	IO	SD1681	320		5/1,6/1 TO PROC CONTROL FRAME CKT		
	GRD	GRD	110				PWR	VCC	332				SA351	OT	SA3501	052		5/1 6/1 TO CPU CKT		SD171	IO	SD1781	321		5/1,6/1 TO PROC CONTROL FRAME CKT		
	GRD	GRD	133				PWR	VCC	343				SBYTE0	OT	SBYTE00	213		5/1 6/1 TO PROC CONTROL FRAME CKT		SD181	IO	SD1881	322		5/1,6/1 TO PROC CONTROL FRAME CKT		
	GRD	GRD	134				PWR	VCC	356				SCOMP0	OT	SCOMP00	154		5/1 6/1 TO PROC CONTROL FRAME CKT									
	GRD	GRD	135				SA001	OT	SA0001	445		5/1 6/1 TO PROC CONTROL FRAME CKT															
	GRD	GRD	136				SA011	OT	SA0101	446		5/1 6/1 TO PROC CONTROL FRAME CKT															
	GRD	GRD	137				SA021	OT	SA0201	447		5/1 6/1 TO PROC CONTROL FRAME CKT															
	GRD	GRD	138				SA031	OT	SA0301	448		5/1 6/1 TO PROC CONTROL FRAME CKT															
	GRD	GRD	139				SA041	OT	SA0401	449		5/1 6/1 TO PROC CONTROL FRAME CKT															
	GRD	GRD	140				SA051	OT	SA0501	450		5/1 6/1 TO PROC CONTROL FRAME CKT															
	GRD	GRD	141				SA061	OT	SA0601	451		5/1 6/1 TO PROC CONTROL FRAME CKT															
	GRD	GRD	142				SA071	OT	SA0701	452		5/1 6/1 TO PROC CONTROL FRAME CKT															
	GRD	GRD	301				SA081	OT	SA0801	453		5/1 6/1 TO PROC CONTROL FRAME CKT															
	GRD	GRD	302				SA091	OT	SA0901	454		5/1 6/1 TO PROC CONTROL FRAME CKT															
	GRD	GRD	303				SA101	OT	SA1001	455		5/1 6/1 TO PROC CONTROL FRAME CKT															
	GRD	GRD	304				SA111	OT	SA1101	345		5/1 6/1 TO PROC CONTROL FRAME CKT															
	GRD	GRD	305																								
	GRD	GRD	306																								
	GRD	GRD	307																								
	GRD	GRD	308																								
	GRD	GRD	309																								
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	GRD	GRD	337																								
	GRD	GRD	338																								
	GRD	GRD	339																								
	GRD	GRD	340																								
INT000	O				TO PROC CONTROL FRAME CKT																						
INT030	O		521		TO PROC CONTROL FRAME CKT																						
INT100	O	DMINT00	512		TO PROC CONTROL FRAME CKT																						
INT110	O	CHOINT00	312		TO PROC CONTROL FRAME CKT																						

PART OF FS 4
SYMBOL(S) 1
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SCSI NEW SHIP UNIT	DWG SIZE A
AT&T	ISSUE 1
SD-3T004-01	B4CB

PART OF FS 4
DMA CONTROLLER 0

SYMBOL NO. 2 (CONT) DUAL SERIAL CHANNEL							SYMBOL NO. 2 (CONT) DUAL SERIAL CHANNEL							SYMBOL NO. 2 (CONT) DUAL SERIAL CHANNEL							SYMBOL NO. 3 (CONT) DUAL SERIAL CHANNEL																				
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT			DESIG	EQPT LOC	CODE	ELEM IDENT	OPT				DESIG	EQPT LOC	CODE	ELEM IDENT	OPT				DESIG	EQPT LOC	CODE	ELEM IDENT	OPT														
DSCH	04-080	UN9B	A				DSCH	04-080	UN9B	A					DSCH	04-080	UN9B	A					DSCH	04-104	UN9B	A															
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE							
DB220	IO	DB22B0	410		4/1			GRD	GRD	313				11DAL03P	IO	DAL03BP	347			FRAME CKT			0	CLK030M	246																
DB230	IO	DB23B0	208		4/1			GRD	GRD	343												0	CLK020M	252																	
DB240	IO	DB24B0	006		4/1			GRD	GRD	350												0	CLK150M	314																	
DB250	IO	DB25B0	209		4/1			GRD	GRD	356												0	CLK140M	320																	
DB260	IO	DB26B0	007		4/1			GRD	GRD	424												0	CLK090P	332																	
DB270	IO	DB27B0	008		4/1			GRD	GRD	432												0	CLK080P	338																	
DB280	IO	DB28B0	210		4/1			GRD	GRD	445												0	CLK030P	345																	
DB290	IO	DB29B0	009		4/1			GRD	GRD	543												0	CLK020P	351																	
DB300	IO	DB30B0	010		4/1			GRD	GRD	556												0	CLK150P	413																	
DB310	IO	DB31B0	211		4/1			PSVD	PWR	VLC	044		5/1									0	CLK140P	419																	
DB320	IO	DB32B0	400		4/1			PSVDA	PWR	VCC	044											0	CLK110M	433																	
DB330	IO	DB33B0	000		4/1				PWR	VCC	100											0	CLK100M	439																	
DB340	IO	DB34B0	411		4/1				PWR	VCC	111											0	CLK050M	446																	
DB350	IO	DB35B0	011		4/1				PWR	VCC	144											0	CLK040M	452																	
D1DL000	I	ADAT0	506		4/1				PWR	VCC	244											0	AKB00	501																	
D1INT000	O	INT00	514		4/1				PWR	VCC	300											0	AKC00	503																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	311											0	10MHZ0	517																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	344											0	CLK110P	532																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	444											0	CLK100P	538																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	544											0	CLK050P	545																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	515											0	CLK040P	551																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	EACK10	014																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	XCK071M	034																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	DAL07BM	035																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	DAH07BM	036																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	REQ07BM	037																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	XCK061M	040																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	DAL06BM	041																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	DAH06BM	042																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	REQ06BM	043																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	XCK011M	047																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	DAL01BM	048																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	DAH01BM	049																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	REQ01BM	050																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	XCK001M	053																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	DAL00BM	054																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	DAH00BM	055																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	REQ00BM	056																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	XCK131M	115																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	DAL13BM	116																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	DAH13BM	117																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	REQ13BM	118																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	XCK121M	121																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	DAL12BM	122																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	DAH12BM	123																	
D1OAK000	I	ADAT0	506		4/1				PWR	VCC	516											I	REQ12BM	124																	
D1OAK000	I	ADAT0	506		4/1																																				

PART OF FS 4
DMA CONTROLLER 0

SYMBOL NO. 3 (CONT)
DUAL SERIAL CHANNEL

DESIG	EOPT	CODE	ELEM	OPT	DESIG	EOPT	CODE	ELEM	OPT	DESIG	EOPT	CODE	ELEM	OPT	DESIG	EOPT	CODE	ELEM	OPT					
DSCH	04-104	UN98	A		DSCH	04-104	UN98	A		DSCH	04-104	UN98	A		DSCH	04-104	UN98	A						
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	
I	XCK061P	139				I	DAL02BP	353					GRD	GRD	451									
I	DAL06BP	140				I	DAH02BP	354					GRD	GRD	537									
I	DAH06BP	141				I	REQ02BP	355					GRD	GRD	550									
I	REQ06BP	142				I	PROGDMA	412					DER010	0	CHEROO	023								
I	XCK011P	146				I	XCK151P	414					I	INH10	019									
I	DAL01BP	147				I	DAL15BP	415					I	PCPRA	511									
I	DAH01BP	148				I	DAH15BP	416					I											
I	REQ01BP	149				I	REQ15BP	417					I											
I	XCK001P	152				I	XCK141P	420					I											
I	DAL00BP	153				I	DAL14BP	421					I											
I	DAH00BP	154				I	DAH14BP	422					I											
I	REQ00BP	155				I	REQ14BP	423					I											
I	XCK131P	214				I	XCK111N	434					I											
I	DAL13BP	215				I	DAL11BN	435					I											
I	DAH13BP	216				I	DAH11BN	436					I											
I	REQ13BP	217				I	REQ11BN	437					I											
I	XCK121P	220				I	XCK101N	440					I											
I	DAL12BP	221				I	DAL10BN	441					I											
I	DAH12BP	222				I	DAH10BN	442					I											
I	REQ12BP	223				I	REQ10BN	443					I											
I	XCK091N	234				I	XCK051N	447					I											
I	DAL09BN	235				I	DAL05BN	448					I											
I	DAH09BN	236				I	DAH05BN	449					I											
I	REQ09BN	237				I	REQ05BN	450					I											
I	XCK081N	240				I	XCK041N	453					I											
I	DAL08BN	241				I	DAL04BN	454					I											
I	DAH08BN	242				I	DAH04BN	455					I											
I	REQ08BN	243				I	REQ04BN	456					I											
I	XCK031N	247				I	SRACK10	519					I											
I	DAL03BN	248				I	TACK10	523					I											
I	DAH03BN	249				I	XCK111P	533					I											
I	REQ03BN	250				I	DAL11BP	534					I											
I	XCK021N	253				I	DAH11BP	535					I											
I	DAL02BN	254				I	REQ11BP	536					I											
I	DAH02BN	255				I	XCK101P	539					I											
I	REQ02BN	256				I	DAL10BP	540					I											
I	INITFF	312				I	DAH10BP	541					I											
I	XCK151N	315				I	REQ10BP	542					I											
I	DAL15BN	316				I	XCK051P	546					I											
I	DAH15BN	317				I	DAL05BP	547					I											
I	REQ15BN	318				I	DAH05BP	548					I											
I	XCK141N	321				I	REQ05BP	549					I											
I	DAL14BN	322				I	XCK041P	552					I											
I	DAH14BN	323				I	DAL04BP	553					I											
I	REQ14BN	324				I	DAH04BP	554					I											
I	XCK091P	333				I	REQ04BP	555					I											
I	DAL09BP	334				GRD	GRD	038					I											
I	DAH09BP	335				GRD	GRD	051					I											
I	REQ09BP	336				GRD	GRD	119					I											
I	XCK081P	339				GRD	GRD	137					I											
I	DAL08BP	340				GRD	GRD	150					I											
I	DAH08BP	341				GRD	GRD	218					I											
I	REQ08BP	342				GRD	GRD	238					I											
I	XCK031P	346				GRD	GRD	251					I											
I	DAL03BP	347				GRD	GRD	319					I											
I	DAH03BP	348				GRD	GRD	337					I											
I	REQ03BP	349				GRD	GRD	350					I											
I	XCK021P	352				GRD	GRD	356					I											
						GRD	GRD	418					I											
						GRD	GRD	438					I											

PART OF FS 4
SYMBOL(S) 3
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AT&T SD-3T004-01 B4CE

DWG SIZE 12 ISSUE 1

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PART OF FS 4
DMA CONTROLLER 0

SYMBOL NO. 3 (CONT)
DUAL SERIAL CHANNEL

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DSCH	04-104	UN98	A	

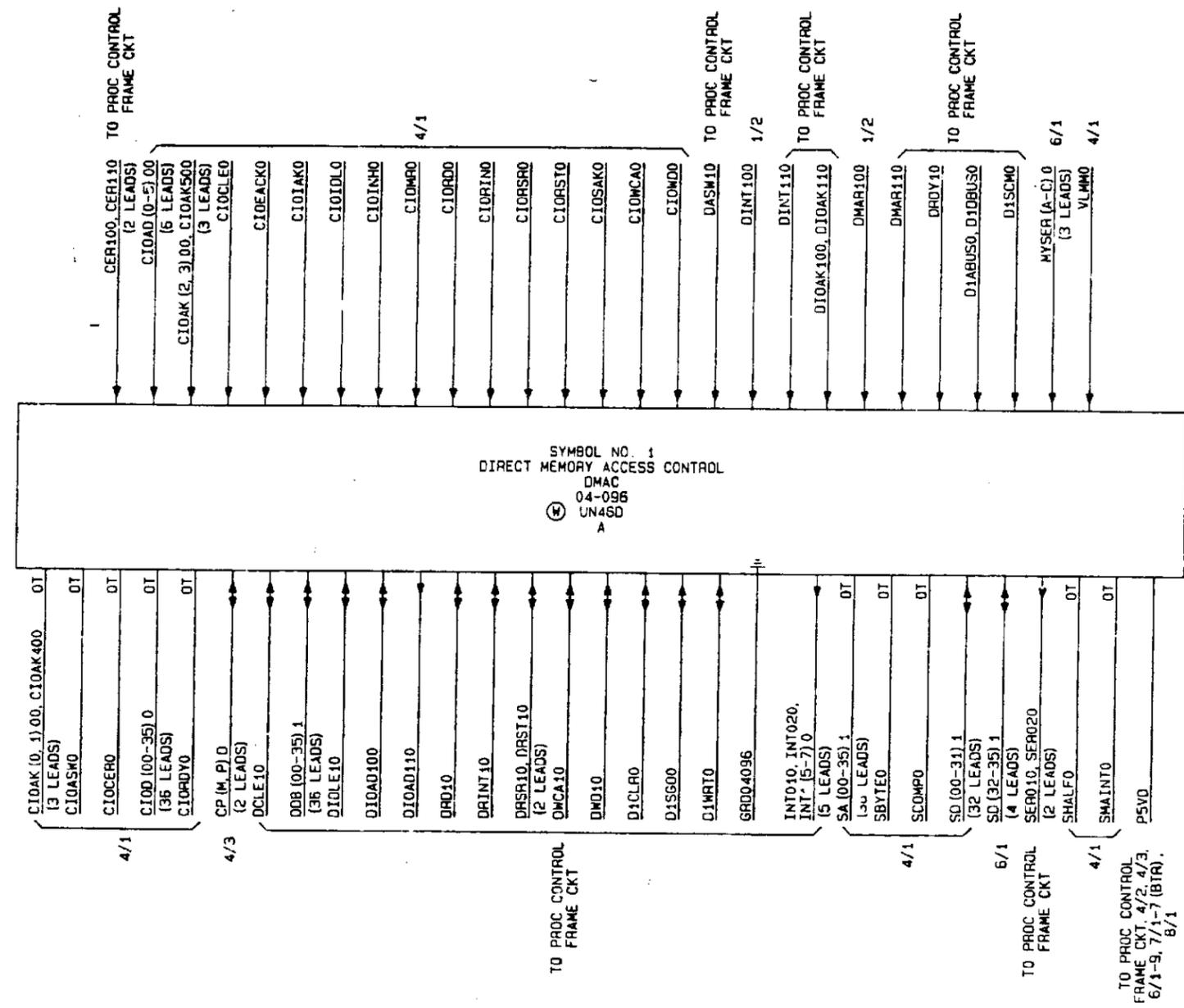
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	PWR	VCC	244		5/1	
	PWR	VCC	300		5/1	
	PWR	VCC	311		5/1	
	PWR	VCC	344		5/1	
	PWR	VCC	444		5/1	
	PWR	VCC	544		5/1	
SPEED010	0	ZOMHZO	515			
	I	SPEEDI	516			

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SYMBOL(S) 3

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SCSI NEW SHIP UNIT	DWG SIZE	ISSUE
	02	1
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PART OF FS 5
DMA CONTROLLER 1
INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 5
IFD SYMBOL (S) 1

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SHEET BSAA	

PART OF FS 5
DMA CONTROLLER 1

SYMBOL NO. 1 DIRECT MEMORY ACCESS CONTROL							SYMBOL NO. 1 (CONT)							SYMBOL NO. 1 (CONT)							SYMBOL NO. 1 (CONT)							
DESIG	EOP	LOC	CODE	ELEM	OPT		DESIG	EOP	LOC	CODE	ELEM	OPT		DESIG	EOP	LOC	CODE	ELEM	OPT		DESIG	EOP	LOC	CODE	ELEM	OPT		
DMAC	04-096	UN460		A	(W)		DMAC	04-096	UN460		A	(W)		DMAC	04-096	UN460		A	(W)		DMAC	04-096	UN460		A	(W)		
LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.	TERM.	DESTINATION	NOTE	
NC	0	CLOCK01	255				C100230	0T	DB2380	208		4/1		DOB171	10	DOB1780	238				DWCA10	10	DWCAD0	050				
	1	DMA010	044				C100240	0T	DB2480	006		4/1									DWD10	10	DWD00	045				
	1		244				C100250	0T	DB2580	209		4/1		DOB181	10	DOB1880	439				G1ABUS0	1	DABUS10	151				
	1	ROMAD01	245				C100260	0T	DB2680	007		4/1		DOB191	10	DOB1980	440				D1CLR0	10	DCLR00	150				
	1	ROMAD11	246				C100270	0T	DB2780	008		4/1		DOB201	10	DOB2080	239				D1DBUS0	1	DOBUS10	121				
	1	ROMAD21	247				C100280	0T	DB2880	210		4/1		DOB211	10	DOB2180	441				D1SCM0	1	DSCM10	152				
	1	ROMAD31	248				C100290	0T	DB2980	009		4/1		DOB221	10	DOB2280	442				D1SG00	10	DSTG000	122				
	1	ROMAD41	249				C100300	0T	DB3080	010		4/1		DOB231	10	DOB2380	240				D1WRT0	10	DWRT00	149				
	1	ROMAD51	250				C100310	0T	DB3180	211		4/1		DOB241	10	DOB2480	038				GRD04096	1	MPCEN0	254				
	1	ROMAD61	251				C100320	0T	DB3280	400		4/1		DOB251	10	DOB2580	241											
	1	ROMAD71	252				C100330	0T	DB3380	000		4/1		DOB261	10	DOB2680	039					GRD	GRD		101			
	1	ROMAD81	253				C100340	0T	DB3480	411		4/1		DOB271	10	DOB2780	040					GRD	GRD		102			
CER100	1		054		TO PROC CONTROL FRAME CKT		C100350	0T	DB3580	011		4/1		DOB281	10	DOB2880	242					GRD	GRD		104			
	1	CER010	534				C10EACK0	1	CEACK10	014		4/1		DOB291	10	DOB2980	041					GRD	GRD		105			
	1		055				C10IAK0	1	CIACK10	523		4/1		DOB301	10	DOB3080	042					GRD	GRD		106			
	1	CER110	540		TO PROC CONTROL FRAME CKT		C10IDL0	1	CIDLE10	522		4/1		DOB311	10	DOB3180	243					GRD	GRD		107			
C10AD000	1	C10AD00	506				C10INH0	1		019		4/1		DOB321	10	DOB3280	432					GRD	GRD		108			
C10AD100	1		507					1		051		4/1		DOB331	10	DOB3380	032					GRD	GRD		109			
C10AD200	1	C10AD20	508				C10MR0	1		022		4/1		DOB341	10	DOB3480	443					GRD	GRD		110			
C10AD300	1	C10AD30	509				C10RDY0	0T	CRDY00	021		4/1		DOB351	10	DOB3580	043					GRD	GRD		113			
C10AD400	1	C10AD40	510				C10RDO	1	CRD10	017		4/1		DOB361	10	DOB3680	032					GRD	GRD		114			
C10AD500	1	C10AD50	511				C10RND0	1	CRINT10	015		4/1		DOB371	10	DOB3780	032					GRD	GRD		115			
C10AK000	0T	CAK000	500				C10RSR0	1	CRSR10	520		4/1		DOB381	10	DOB3880	042					GRD	GRD		118			
C10AK100	0T	CAK100	501				C10RST0	1	CRST10	016		4/1		DOB391	10	DOB3980	042					GRD	GRD		119			
C10AK200	1		502				C10SAK0	1		519		4/1		DOB401	10	DOB4080	243					GRD	GRD		120			
C10AK300	1		503				C10WEA0	1	CWCA10	018		4/1		DOB411	10	DOB4180	432					GRD	GRD		121			
C10AK400	0T	CAK200	504				C10WDO	1	CWD10	013		4/1		DOB421	10	DOB4280	432					GRD	GRD		122			
C10AK500	1		505				CPMD	10	PCPRB	413		4/3		DOB431	10	DOB4380	032					GRD	GRD		123			
C10ASH0	0T	CASH00	024				CPPD	10	PCPRA	313		4/3		DOB441	10	DOB4480	032					GRD	GRD		124			
C10CERO	0T	CER00	023				DASH10	1	DASH10	056				DOB451	10	DOB4580	443					GRD	GRD		125			
C10CLE0	1	CLE10	524											DOB461	10	DOB4680	443					GRD	GRD		126			
C10D000	0T	DB0080	401				DCLE10	10	DCLE00	556				DOB471	10	DOB4780	043					GRD	GRD		127			
C10D010	0T	DB0180	200				DOB001	10	DOB0080	433				DOB481	10	DOB4880	043					GRD	GRD		128			
C10D020	0T	DB0280	402				DOB011	10	DOB0180	232				DOB491	10	DOB4980	043					GRD	GRD		129			
C10D030	0T	DB0380	403				DOB021	10	DOB0280	434				DOB501	10	DOB5080	436					GRD	GRD		130			
C10D040	0T	DB0480	201				DOB031	10	DOB0380	435				DOB511	10	DOB5180	437					GRD	GRD		131			
C10D050	0T	DB0580	404				DOB041	10	DOB0480	233				DOB521	10	DOB5280	437					GRD	GRD		132			
C10D060	0T	DB0680	405				DOB051	10	DOB0580	436				DOB531	10	DOB5380	437					GRD	GRD		133			
C10D070	0T	DB0780	202				DOB061	10	DOB0680	437				DOB541	10	DOB5480	437					GRD	GRD		134			
C10D080	0T	DB0880	001				DOB071	10	DOB0780	234				DOB551	10	DOB5580	437					GRD	GRD		135			
C10D090	0T	DB0980	203				DOB081	10	DOB0880	033				DOB561	10	DOB5680	437					GRD	GRD		136			
C10D100	0T	DB1080	002				DOB091	10	DOB0980	235				DOB571	10	DOB5780	234					GRD	GRD		137			
C10D110	0T	DB1180	003				DOB101	10	DOB1080	034				DOB581	10	DOB5880	437					GRD	GRD		138			
C10D120	0T	DB1280	204				DOB111	10	DOB1180	035				DOB591	10	DOB5980	235					GRD	GRD		139			
C10D130	0T	DB1380	004				DOB121	10	DOB1280	236				DOB601	10	DOB6080	437					GRD	GRD		140			
C10D140	0T	DB1480	005				DOB131	10	DOB1380	036				DOB611	10	DOB6180	437					GRD	GRD		141			
C10D150	0T	DB1580	205				DOB141	10	DOB1480	037				DOB621	10	DOB6280	437					GRD	GRD		142			
	0T	C10DMA00	212				DOB151	10	DOB1580	237				DOB631	10	DOB6380	437					GRD	GRD		143			
C10D160	0T	DB1680	406				DOB161	10	DOB1680	438				DOB641	10	DOB6480	438					GRD	GRD		144			
C10D170	0T	C10CH100	112											DOB651	10	DOB6580	438					GRD	GRD		145			
C10D180	0T	DB1780	206											DOB661	10	DOB6680	438					GRD	GRD		146			
C10D190	0T	DB1880	407											DOB671	10	DOB6780	234					GRD	GRD		147			
	0T	DB1980	408											DOB681	10	DOB6880	033					GRD	GRD		148			
C10D200	0T	DB2080	207											DOB691	10	DOB6980	235					GRD	GRD		149			
C10D210	0T	DB2180	409																									

PART OF FS 5
DMA CONTROLLER 1

SYMBOL NO. 1 (CONT)

DIRECT MEMORY
ACCESS CONTROL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DMAC	04-096	UN460	A	(W)

SYMBOL NO. 1 (CONT)

DIRECT MEMORY
ACCESS CONTROL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DMAC	04-096	UN460	A	(W)

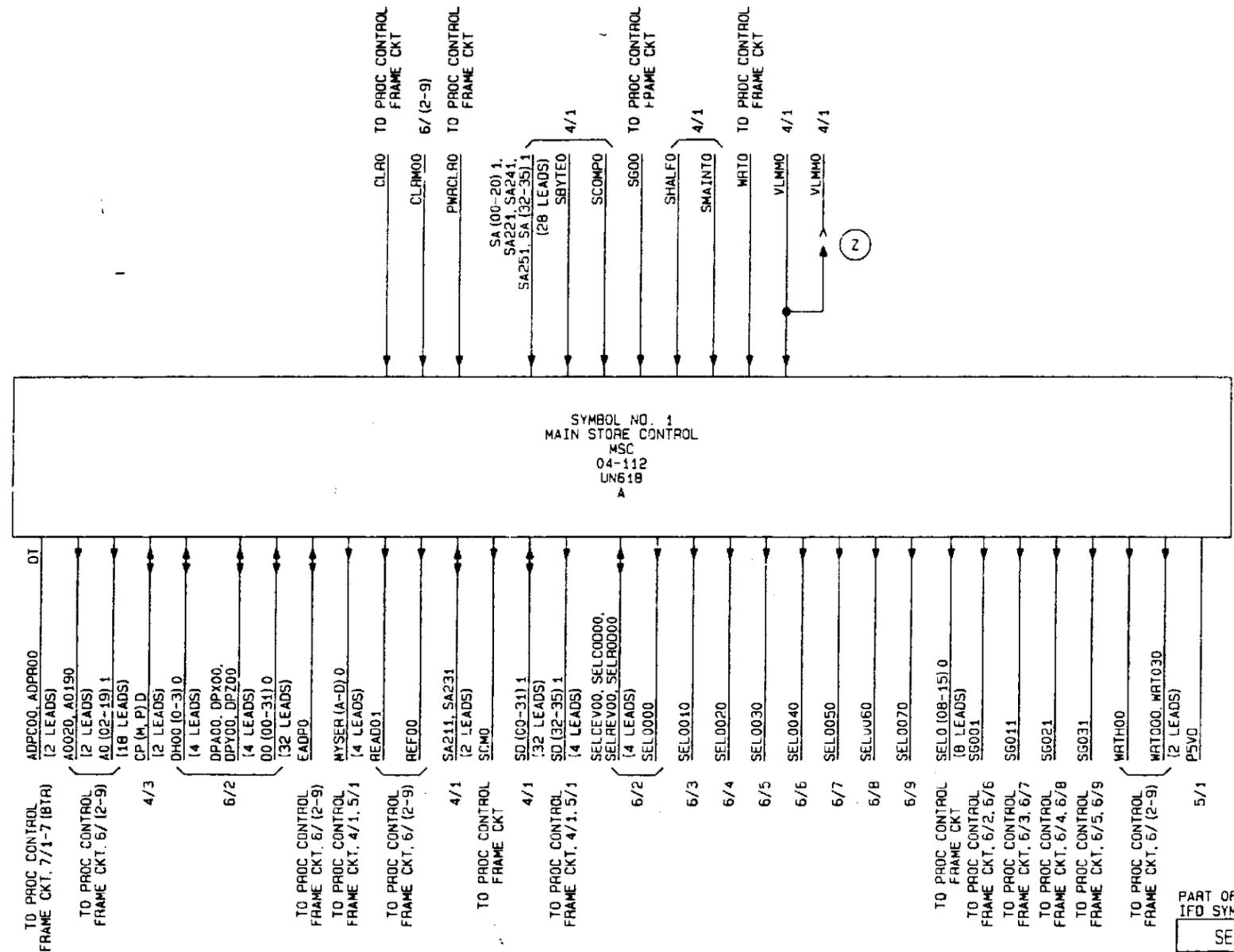
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	337		
	GRD	GRD	338		
	GRD	GRD	339		
	GRD	GRD	340		
	GRD	GRD	341		
INT010	D	GRD	342		
			514		
INT020	D		521		TO PROC CONTROL FRAME CKT
INT150	D	DMINT00	512		TO PROC CONTROL FRAME CKT
INT160	D	CHOINT00	312		TO PROC CONTROL FRAME CKT
INT170	D	CHINT00	412		TO PROC CONTROL FRAME CKT
MYSERAO	I	MYSERAI0	153	6/1	
MYSERBO	I	MYSERBI0	155	6/1	
MYSERCO	I	MYSERCI0	123	6/1	
PSVD	PWR	VCC	100	5/1	
	PWR	VCC	111	5/1	
	PWR	VCC	124	5/1	
	PWR	VCC	132	5/1	
	PWR	VCC	143	5/1	
	PWR	VCC	156	5/1	
	PWR	VCC	224	5/1	
	PWR	VCC	256	5/1	
	PWR	VCC	300	5/1	
	PWR	VCC	311	5/1	
	PWR	VCC	332	5/1	
	PWR	VCC	343	5/1	
	PWR	VCC	356	5/1	
	PWR	VCC	424	5/1	
	PWR	VCC	456	5/1	
	PWR	VCC	324	4/1, 4/2	
				4/3, 6/1	
				6/2, 6/3	
				6/4, 6/5	
				6/6, 6/7	
				6/8, 6/9	
				8/1	
				11/1-7(BTR)	
				TO PROC CONTROL FRAME CKT	
SA001	OT	SA0001	445	4/1	
SA011	OT	SA0101	446	4/1	
SA021	OT	SA0201	447	4/1	
SA031	OT	SA0301	448	4/1	
SA041	OT	SA0401	449	4/1	
SA051	OT	SA0501	450	4/1	
SA061	OT	SA0601	451	4/1	
SA071	OT	SA0701	452	4/1	
SA081	OT	SA0801	453	4/1	
SA091	OT	SA0901	454	4/1	
SA101	OT	SA1001	455	4/1	
SA111	OT	SA1101	345	4/1	
SA121	OT	SA1201	346	4/1	
SA131	OT	SA1301	347	4/1	
SA141	OT	SA1401	348	4/1	
SA151	OT	SA1501	349	4/1	
SA161	OT	SA1601	350	4/1	
SA171	OT	SA1701	351	4/1	
SA181	OT	SA1801	352	4/1	
SA191	OT	SA1901	353	4/1	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
SA201	OT	SA2001	354	4/1	
SA211	OT	SA2101	355	4/1	
SA221	OT	SA2201	144	4/1	
SA231	OT	SA2301	145	4/1	
SA241	OT	SA2401	5-7	4/1	
SA251	OT	SA2501	548	4/1	
SA321	OT	SA3201	148	4/1	
SA331	OT	SA3301	147	4/1	
SA341	OT	SA3401	146	4/1	
SA351	OT	SA3501	052	4/1	
SBYTE0	OT	SBYTE00	213	4/1	
SCOMP0	OT	SCOMP00	154	4/1	
SD001	IO	SD00B1	414	4/1	
SD011	IO	SD01B1	415	4/1	
SD021	IO	SD02B1	416	4/1	
SD031	IO	SD03B1	417	4/1	
SD041	IO	SD04B1	418	4/1	
SD051	IO	SD05B1	419	4/1	
SD061	IO	SD06B1	420	4/1	
SD071	IO	SD07B1	421	4/1	
SD081	IO	SD08B1	422	4/1	
SD091	IO	SD09B1	423	4/1	
SD101	IO	SD10B1	314	4/1	
SD111	IO	SD11B1	315	4/1	
SD121	IO	SD12B1	316	4/1	
SD131	IO	SD13B1	317	4/1	
SD141	IO	SD14B1	318	4/1	
SD151	IO	SD15B1	319	4/1	
SD161	IO	SD16B1	320	4/1	
SD171	IO	SD17B1	321	4/1	
SD181	IO	SD18B1	322	4/1	
SD191	IO	SD19B1	323	4/1	
SD201	IO	SD20B1	214	4/1	
SD211	IO	SD21B1	215	4/1	
SD221	IO	SD22B1	216	4/1	
SD231	IO	SD23B1	217	4/1	
SD241	IO	SD24B1	218	4/1	
SD251	IO	SD25B1	219	4/1	
SD261	IO	SD26B1	220	4/1	
SD271	IO	SD27B1	221	4/1	
SD281	IO	SD28B1	222	4/1	
SD291	IO	SD29B1	223	4/1	
SD301	IO	SD30B1	114	4/1	
SD311	IO	SD31B1	115	4/1	
SD321	IO	SD32B1	116	6/1	
SD331	IO	SD33B1	117	6/1	
SD341	IO	SD34B1	118	6/1	
SD351	IO	SD35B1	119	6/1	
SER010	O		513		TO PROC CONTROL FRAME CKT
SER020	O		518		TO PROC CONTROL FRAME CKT
SHALF0	OT	SHALF00	113		4/1
SMINT0	OT	SMINT00	120	4/1	
VLMPO	I	F61310	344	4/1	

PART OF FS 5
SYMBOL(S) 1
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SCSI NEW SHIP UNIT	DWG SIZE C	ISSUE 1
AT&T	SD-3T004-01	B5CB

PART OF FS 6
MAIN STORE
INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 6
IFD SYMBOL (S) 1

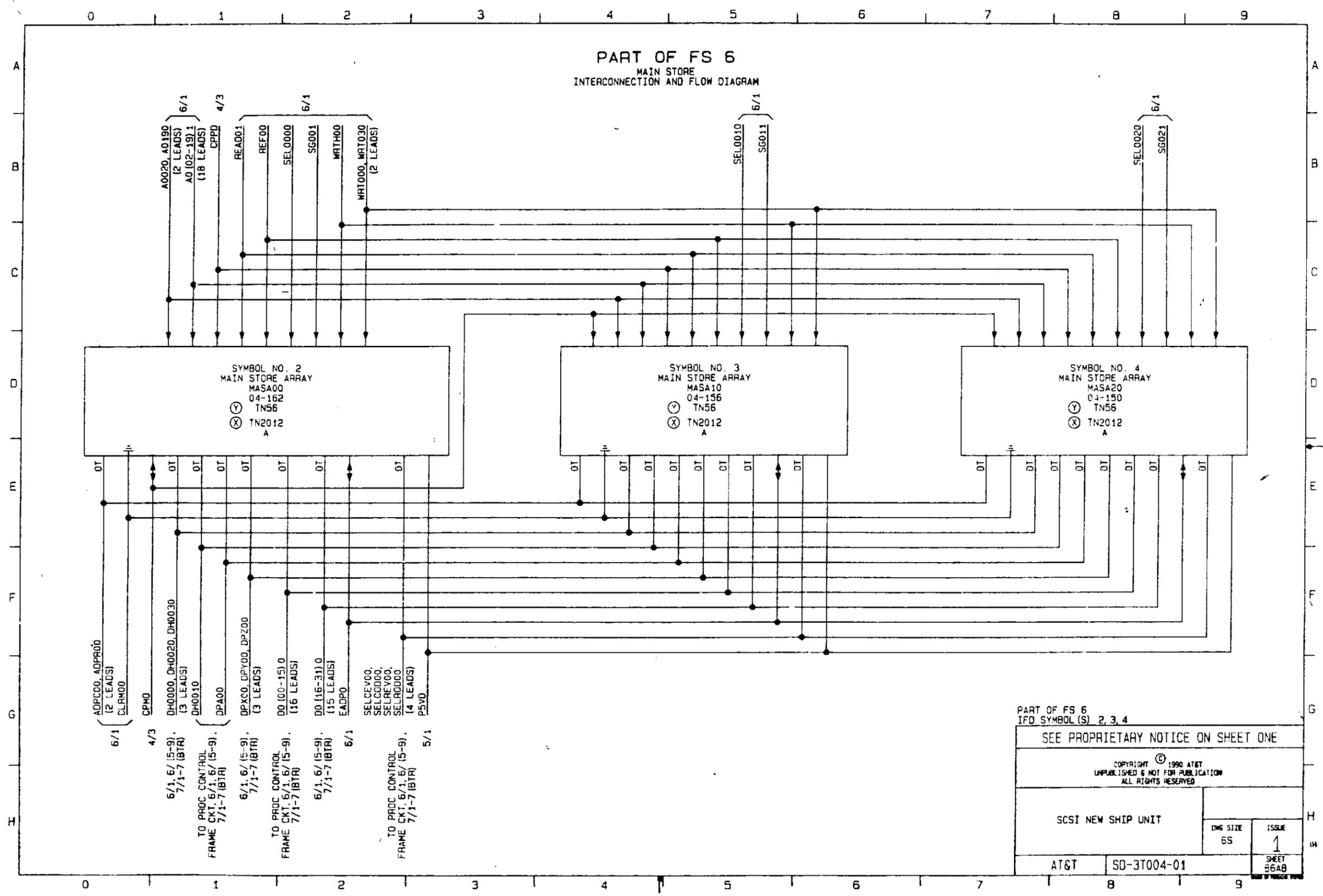
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SCSI NEW SHIP UNIT

DWG SIZE 6S	ISSUE 1
AT&T	SD-3T004-01
SHEET 86AA	

PART OF FS 6
 MAIN STORE
 INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 6
 IFO SYMBOL (S) 2, 3, 4

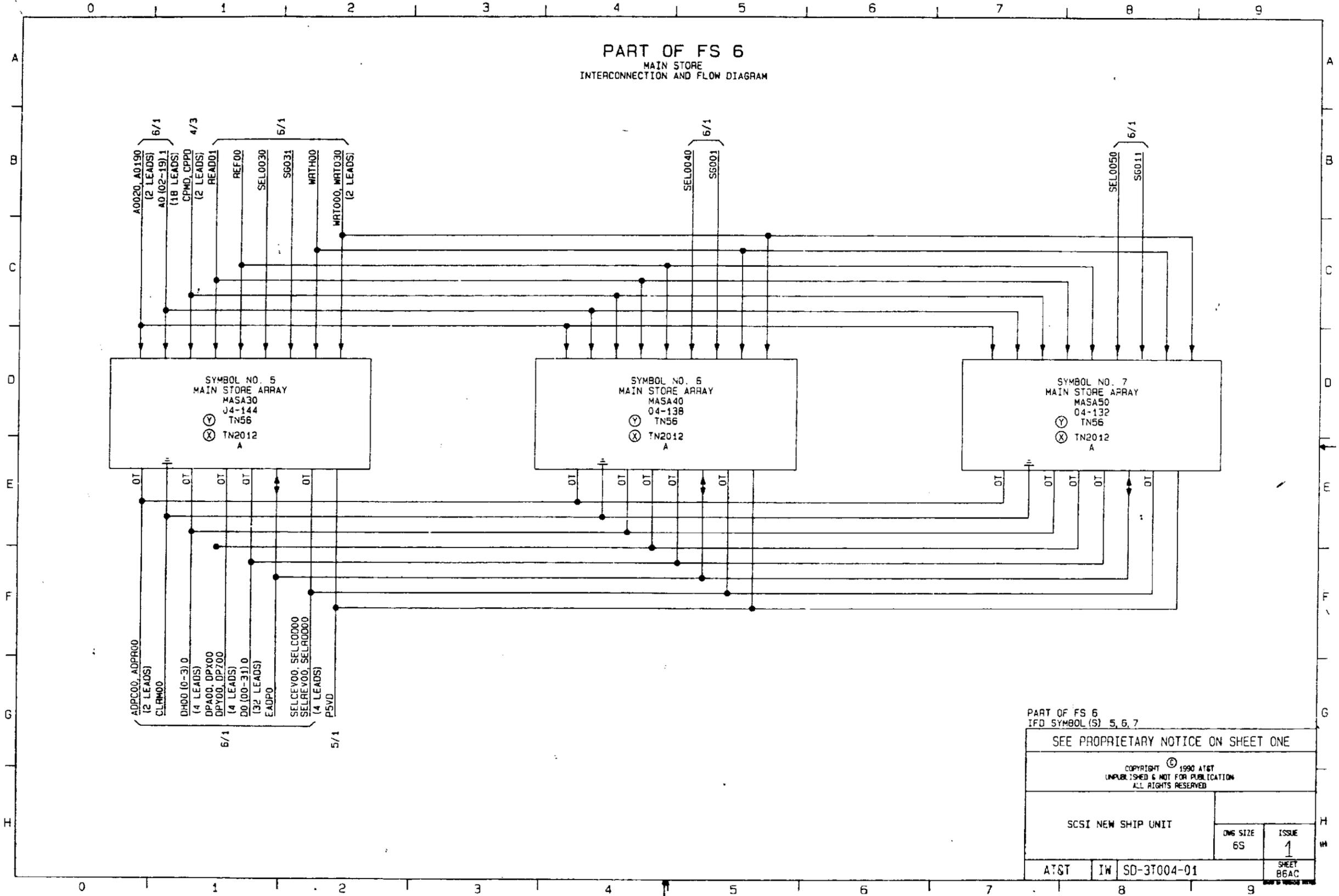
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SCSI NEW SHIP UNIT

DWG SIZE 6S	ISSUE 1
AT&T	SD-3T004-01
SHEET 86A8	

PART OF FS 6
 MAIN STORE
 INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 6
 I/FD SYMBOL(S) 5, 6, 7

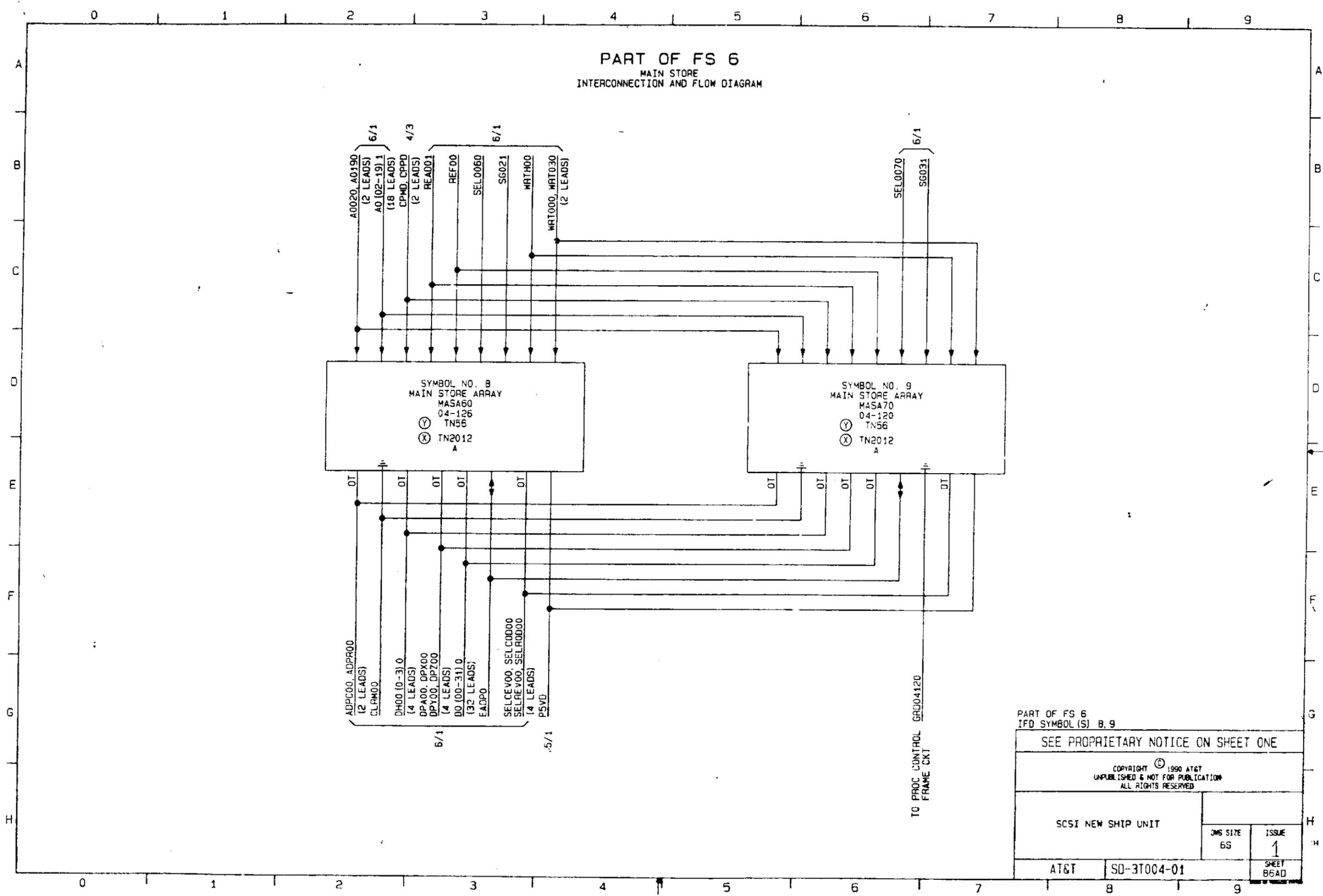
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SCSI NEW SHIP UNIT

OWG SIZE 6S	ISSUE 1
AT&T	IW SD-3T004-01
SHEET B6AC	

PART OF FS 6
 MAIN STORE
 INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 6
 IFD SYMBOL(S) 8.9

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SCSI NEW SHIP UNIT

QMS SIZE	ISSUE
6S	1
AT&T	SD-3T004-01
	SHEET 66AD

PART OF FS 6
MAIN STORE

SYMBOL NO. 1
MAIN STORE CONTROL

SYMBOL NO. 1 (CONT)
MAIN STORE CONTROL

SYMBOL NO. 1 (CONT)
MAIN STORE CONTROL

SYMBOL NO. 1 (CONT)
MAIN STORE CONTROL

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	
MSC	04-112	UN618	A		MSC	04-112	UN618	A		MSC	04-112	UN618	A		MSC	04-112	UN618	A		
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	0		104				A0111	0	A1101	434		6/2,6/3		DPA00	10	DPAB0	311		6/2	
	0		253									6/4,6/5		DPX00	10	DPXB0	318		6/2	
	1		102									6/6,6/7		DPY00	10	DPYB0	342		6/2	
ADPC00	0T	APC10	203		6/2,6/3		A0121	0	A1201	435		6/2,6/3		DPZ00	10	DPZB0	341		6/2	
					6/4,6/5							6/4,6/5		D0000	10	D00B0	445		6/2	
					6/6,6/7							6/6,6/7		D0010	10	D01B0	447		6/2	
					6/8,6/9							6/8,6/9		D0020	10	D02B0	450		6/2	
					11/1-7(BTR)		A0131	0	A1301	437		6/2,6/3		D0030	10	D03B0	452		6/2	
ADPR00	0T	APR10	207		6/2,6/3							6/4,6/5		D0040	10	D04B0	402		6/2	
					6/4,6/5							6/6,6/7		D0050	10	D05B0	404		6/2	
					6/8,6/9							6/8,6/9		D0060	10	D06B0	407		6/2	
					11/1-7(BTR)							6/8,6/9		D0070	10	D07B0	410		6/2	
A0020	0	A0200	333		TO PROC CONTROL		A0141	0	A1401	438		6/2,6/3		D0080	10	D08B0	446		6/2	
					FRAME CKT							6/4,6/5		D0090	10	D09B0	448		6/2	
					6/2,6/3							6/6,6/7		D0100	10	D10B0	451		6/2	
					6/4,6/5							6/8,6/9		D0110	10	D11B0	454		6/2	
					6/6,6/7		A0151	0	A1501	440		6/2,6/3		D0120	10	D12B0	403		6/2	
					6/8,6/9							6/4,6/5		D0130	10	D13B0	406		6/2	
					11/1-7(BTR)							6/6,6/7		D0140	10	D14B0	408		6/2	
A0021	0	A0201	334		TO PROC CONTROL							6/8,6/9		D0150	10	D15B0	411		6/2	
					FRAME CKT							6/8,6/9		D0160	10	D16B0	346		6/2	
					6/2,6/3							6/8,6/9		D0170	10	D17B0	349		6/2	
					6/4,6/5		A0161	0	A1601	423		6/2,6/3		D0180	10	D18B0	352		6/2	
					6/6,6/7							6/4,6/5		D0190	10	D19B0	354		6/2	
					6/8,6/9							6/6,6/7		D0200	10	D20B0	301		6/2	
					11/1-7(BTR)							6/8,6/9		D0210	10	D21B0	303		6/2	
A0031	0	A0301	441		TO PROC CONTROL							6/8,6/9		D0220	10	D22B0	306		6/2	
					FRAME CKT							6/8,6/9		D0230	10	D23B0	309		6/2	
					6/2,6/3		A0171	0	A1701	416		6/2,6/3		D0240	10	D24B0	348		6/2	
					6/4,6/5							6/4,6/5		D0250	10	D25B0	350		6/2	
					6/6,6/7							6/6,6/7		D0260	10	D26B0	353		6/2	
					6/8,6/9							6/8,6/9		D0270	10	D27B0	355		6/2	
					11/1-7(BTR)		A0181	0	A1801	415		6/2,6/3		D0280	10	D28B0	302		6/2	
A0041	0	A0401	442		TO PROC CONTROL							6/4,6/5		D0290	10	D29B0	305		6/2	
					FRAME CKT							6/6,6/7		D0300	10	D30B0	308		6/2	
					6/2,6/3							6/8,6/9		D0310	10	D31B0	310		6/2	
					6/4,6/5							6/8,6/9		EADP0	10	EADP10	205		6/2,6/3	
					6/6,6/7							6/8,6/9							6/4,6/5	
					6/8,6/9							6/8,6/9							6/6,6/7	
					11/1-7(BTR)							6/8,6/9							6/8,6/9	
					TO PROC CONTROL		A0191	0	A1901	337		6/2,6/3							TO PROC CONTROL	
					FRAME CKT							6/4,6/5							FRAME CKT	
					6/2,6/3							6/6,6/7							6/8,6/9	
					6/4,6/5							6/8,6/9							11/1-7(BTR)	
					6/6,6/7							6/8,6/9							TO PROC CONTROL	
					6/8,6/9							6/8,6/9							FRAME CKT	
					11/1-7(BTR)							6/8,6/9							6/8,6/9	
					TO PROC CONTROL							6/8,6/9							6/8,6/9	
					FRAME CKT							6/8,6/9							6/8,6/9	
					6/2,6/3							6/8,6/9							6/8,6/9	
					6/4,6/5							6/8,6/9							6/8,6/9	
					6/6,6/7							6/8,6/9							6/8,6/9	
					6/8,6/9							6/8,6/9							6/8,6/9	
					11/1-7(BTR)							6/8,6/9							6/8,6/9	
					TO PROC CONTROL							6/8,6/9							6/8,6/9	
					FRAME CKT							6/8,6/9							6/8,6/9	
					6/2,6/3							6/8,6/9							6/8,6/9	
					6/4,6/5							6/8,6/9							6/8,6/9	
					6/6,6/7							6/8,6/9							6/8,6/9	
					6/8,6/9							6/8,6/9							6/8,6/9	
					11/1-7(BTR)							6/8,6/9							6/8,6/9	
					TO PROC CONTROL							6/8,6/9							6/8,6/9	
					FRAME CKT							6/8,6/9							6/8,6/9	
					6/2,6/3							6/8,6/9							6/8,6/9	
					6/4,6/5							6/8,6/9							6/8,6/9	
					6/6,6/7							6/8,6/9							6/8,6/9	
					6/8,6/9							6/8,6/9							6/8,6/9	
					11/1-7(BTR)							6/8,6/9							6/8,6/9	
					TO PROC CONTROL							6/8,6/9							6/8,6/9	
					FRAME CKT							6/8,6/9							6/8,6/9	
					6/2,6/3							6/8,6/9							6/8,6/9	
					6/4,6/5							6/8,6/9							6/8,6/9	
					6/6,6/7							6/8,6/9							6/8,6/9	
					6/8,6/9							6/8,6/9							6/8,6/9	
					11/1-7(BTR)							6/8,6/9							6/8,6/9	
					TO PROC CONTROL							6/8,6/9							6/8,6/9	
					FRAME CKT							6/8,6/9							6/8,6/9	
					6/2,6/3							6/8,6/9							6/8,6/9	
					6/4,6/5							6/8,6/9							6/8,6/9	
					6/6,6/7							6/8,6/9							6/8,6/9	
					6/8,6/9															

PART OF FS 6
MAIN STORE

SYMBOL NO. 1 (CONT)
MAIN STORE CONTROL

SYMBOL NO. 1 (CONT)
MAIN STORE CONTROL

SYMBOL NO. 1 (CONT)
MAIN STORE CONTROL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT				
MSC	04-112	UN618	A		MSC	04-112	UN618	A		MSC	04-112	UN618	A					
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	
	GRD	GRD	456			SA221	I	SA2211	521	4/1		SEL0030	0	SEL0300	217	6/5		
	GRD	GRD	524			SA231	I	SA2311	522	4/1		SEL0040	0	SEL0400	120	6/6		
	GRD	GRD	556			SA241	I	SA2411	015	4/1		SEL0050	0	SEL0500	219	6/7		
MODD01	I		249			SA251	I	SA2511	546	4/1		SEL0060	0	SEL0600	122	6/8		
MYSERAO	IO	SERAO0	542	4/1, 5/1	TO PROC CONTROL FRAME CKT	SA321	I	SAP311	541	4/1		SEL0070	0	SEL0700	223	6/9	TO PROC CONTROL FRAME CKT	
MYSERBO	0	SERB00	042	4/1, 5/1	TO PROC CONTROL FRAME CKT	SA331	I	SAP211	041	4/1		SEL0080	0	SEL0800	134			
MYSERCO	0	SERCO0	055	4/1, 5/1	TO PROC CONTROL FRAME CKT	SA341	I	SAP111	523	4/1		SEL0090	0	SEL0900	233		TO PROC CONTROL FRAME CKT	
MYSERDO	0	SERDO0	046	4/1, 5/1	TO PROC CONTROL FRAME CKT	SA351	I	SAP011	023	4/1		SEL0100	0	SEL1000	136		TO PROC CONTROL FRAME CKT	
PHRCLRO	I	PHRCLR10	514	4/1, 5/1	TO PROC CONTROL FRAME CKT	SBYTE0	I	SBYTE10	020	4/1		SEL0110	0	SEL1100	235		TO PROC CONTROL FRAME CKT	
P5VD	PHR	VCC	000	5/1		SCM0	0	SCM00	016		TO PROC CONTROL FRAME CKT	SEL0120	0	SEL1200	138		TO PROC CONTROL FRAME CKT	
	PHR	VCC	024	5/1		SCOMP0	I	SCOMP10	022	4/1		SEL0130	0	SEL1300	237		TO PROC CONTROL FRAME CKT	
	PHR	VCC	032	5/1		SD001	IO	SD0081	547	4/1		SEL0140	0	SEL1400	140		TO PROC CONTROL FRAME CKT	
	PHR	VCC	056	5/1		SD011	IO	SD0181	549	4/1		SEL0150	0	SEL1500	241		TO PROC CONTROL FRAME CKT	
	PHR	VCC	100	5/1		SD021	IO	SD0281	551	4/1		SG00	I	SG00	014		TO PROC CONTROL FRAME CKT	
	PHR	VCC	124	5/1		SD031	IO	SD0381	553	4/1		SG001	0	G001	112		6/2, 6/6 TO PROC CONTROL FRAME CKT	
	PHR	VCC	132	5/1		SD041	IO	SD0481	501	4/1		SG011	0	G101	211		6/3, 6/7 TO PROC CONTROL FRAME CKT	
	PHR	VCC	156	5/1		SD051	IO	SD0581	503	4/1		SG021	0	G201	114		6/4, 6/8 TO PROC CONTROL FRAME CKT	
	PHR	VCC	200	5/1		SD061	IO	SD0681	505	4/1		SG031	0	G301	213		6/5, 6/9 TO PROC CONTROL FRAME CKT	
	PHR	VCC	224	5/1		SD071	IO	SD0781	507	4/1		SHALF0	I	SHALF10	019		4/1	
	PHR	VCC	232	5/1		SD081	IO	SD0881	047	4/1		SHANT0	I	SHANT10	021		4/1	
	PHR	VCC	256	5/1		SD091	IO	SD0981	049	4/1		VLM0	I	VLM0PT10	209		4/1	
READ01	0	READ01	324	6/2, 6/3		SD101	IO	SD1081	051	4/1		WRTH00	GRD	GRD	210	(2)	4/1	
				6/4, 6/5		SD111	IO	SD1181	053	4/1							6/2, 6/3	
				6/6, 6/7		SD121	IO	SD1281	001	4/1							6/4, 6/5	
				6/8, 6/9		SD131	IO	SD1381	003	4/1							6/6, 6/7	
				TO PROC CONTROL		SD141	IO	SD1481	005	4/1							6/8, 6/9	
				FRAME CKT		SD151	IO	SD1581	007	4/1							TO PROC CONTROL	
REF00	0	REF00	422	6/2, 6/3		SD161	IO	SD1681	548	4/1							FRAME CKT	
				6/4, 6/5		SD171	IO	SD1781	550	4/1								
				6/6, 6/7		SD181	IO	SD1881	552	4/1								
				6/8, 6/9		SD191	IO	SD1981	554	4/1								
				TO PROC CONTROL		SD201	IO	SD2081	502	4/1								
				FRAME CKT		SD211	IO	SD2181	504	4/1								
				6/2, 6/3		SD221	IO	SD2281	506	4/1								
				6/4, 6/5		SD231	IO	SD2381	508	4/1								
				6/6, 6/7		SD241	IO	SD2481	048	4/1								
				6/8, 6/9		SD251	IO	SD2581	050	4/1								
				TO PROC CONTROL		SD261	IO	SD2681	052	4/1								
				FRAME CKT		SD271	IO	SD2781	054	4/1								
SA001	I	SA0011	533	4/1		SD281	IO	SD2881	002	4/1								
SA011	I	SA0111	534	4/1		SD291	IO	SD2981	004	4/1								
SA021	I	SA0211	535	4/1		SD301	IO	SD3081	006	4/1								
SA031	I	SA0311	536	4/1		SD311	IO	SD3181	008	4/1								
SA041	I	SA0411	537	4/1		SD321	0	SDP381	509									
SA051	I	SA0511	538	4/1		SD331	0	SOP281	009									
SA061	I	SA0611	539	4/1		SD341	0	SDP181	510									
SA071	I	SA0711	540	4/1		SD351	0	SDP081	010									
SA081	I	SA0811	033	4/1		SELCEV00	IO	SELCEV10	323	6/2								
SA091	I	SA0911	034	4/1		SELCOD00	IO	SELCOD10	321	6/2								
SA101	I	SA1011	035	4/1		SELREV00	IO	SELREV10	320	6/2								
SA111	I	SA1111	036	4/1		SELROD00	IO	SELROD10	319	6/2								
SA121	I	SA1211	037	4/1		SEL0000	0	SEL0000	116	6/2								
SA131	I	SA1311	038	4/1		SEL0010	0	SEL0100	215	6/3								
SA141	I	SA1411	039	4/1		SEL0020	0	SEL0200	118	6/4								
SA151	I	SA1511	040	4/1														
SA161	I	SA1611	515	4/1														
SA171	I	SA1711	516	4/1														
SA181	I	SA1811	517	4/1														
SA191	I	SA1911	518	4/1														
SA201	I	SA2011	519	4/1														
SA211	IO	SA2111	520	4/1														

PART OF FS 6
SYMBOL(S) 1
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SCSI NEW SHIP UNIT

AT&T SD-3T004-01 B6CB

DWG SIZE 2x1 ISSUE 1

PART OF FS 6
MAIN STORE

SYMBOL NO. 2
MAIN STORE ARRAY

SYMBOL NO. 2 (CONT)
MAIN STORE ARRAY

SYMBOL NO. 2 (CONT)
MAIN STORE ARRAY

SYMBOL NO. 2 (CONT)
MAIN STORE ARRAY

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT		
MASA00	04-162	TN56	A	(Y)	MASA00	04-162	TN56	A	(Y)	MASA00	04-162	TN56	A	(Y)	MASA00	04-162	TN56	A	(Y)		
MASA00	04-162	TN2012	A	(X)	MASA00	04-162	TN2012	A	(X)	MASA00	04-162	TN2012	A	(X)	MASA00	04-162	TN2012	A	(X)		
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	
NC	O	LTSTACKO	108																		
	O	TESTOO	253																		
	(X)O	GRD	355																		
	(X)I	OHLFTO	106																		
	I	LTESTO	110																		
	I	CASENO	134																		
	I	EXTINGO	136																		
	I	LEDONO	138																		
	I	PCURSPR	144																		
	I	PSSENSE	148																		
ADPC00	OT	ADPEOO	114		6/1																
ADPR00	OT	ADPRDO	215		6/1																
A0020	I	A0210	233		6/1																
A0021	I	A0211	235		6/1																
A0031	I	A0311	339		6/1																
A0041	I	A0411	241		6/1																
A0051	I	A0511	341		6/1																
A0061	I	A0611	342		6/1																
A0071	I	A0711	317		6/1																
A0081	I	A0811	318		6/1																
A0091	I	A0911	219		6/1																
A0101	I	A1011	332		6/1																
A0111	I	A1111	333		6/1																
A0121	I	A1211	335		6/1																
A0131	I	A1311	336		6/1																
A0141	I	A1411	237		6/1																
A0151	I	A1511	338		6/1																
A0161	I	A1611	217		6/1																
A0171	I	A1711	213		6/1																
A0181	I	A1811	209		6/1																
A0190	(Y)I	BSEL10	019		6/1																
	(X)I	A2110																			
A0191	I	A1911	037		6/1																
CLRM00	(Y)GRD	GRD	321		6/1																
	(X)IO	A4MSELOT																			
CPMD	IO	PCURAPR	243		4/3																
CPPD	I	NCLURPR	146		4/3																
DH0000	OT	DH00B0	014		6/3,6/4																
					6/5,6/6																
					6/7,6/8																
					6/9																
					6/1																
					11/1-7(BTR)																
DH0010	OT	DH01B0	314		6/3,6/4																
					6/5,6/6																
					6/7,6/8																
					6/9																
					6/1																
					11/1-7(BTR)																
DH0020	OT	DH02B0	039		6/3,6/4																
					6/5,6/6																
					6/7,6/8																
					6/9																
					6/1																
					11/1-7(BTR)																
DH0030	OT	DH03B0	042		6/3,6/4																
					6/5,6/6																
					6/7,6/8																
					6/9																
					6/1																
					11/1-7(BTR)																
DPA00	OT	DPA0B0	313		6/3,6/4																
					6/5,6/6																
					6/7,6/8																
					6/9																
					6/1																
					11/1-7(BTR)																
					6/3,6/4																
					6/5,6/6																
					6/7,6/8																
					6/9																
					6/1																
					11/1-7(BTR)																
					6/3,6/4																
					6/5,6/6																
					6/7,6/8																
					6/9																
					6/1																
					11/1-7(BTR)																
					6/3,6/4																
					6/5,6/6																
					6/7,6/8																
					6/9																
					6/1																
					11/1-7(BTR)																
					6/3,6/4																
					6/5,6/6																
					6/7,6/8																
					6/9																

PART OF FS 6
MAIN STORE

SYMBOL NO. 2 (CONT)
MAIN STORE ARRAY

SYMBOL NO. 2 (CONT)
MAIN STORE ARRAY

SYMBOL NO. 2 (CONT)
MAIN STORE ARRAY

SYMBOL NO. 3 (CONT)
MAIN STORE ARRAY

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MASAO0	04-162	TN56	A	(Y)
MASAO0	04-162	TN2012	A	(X)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MASAO0	04-162	TN56	A	(Y)
MASAO0	04-162	TN2012	A	(X)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MASAO0	04-162	TN56	A	(Y)
MASAO0	04-162	TN2012	A	(X)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MASA10	04-156	TN56	A	(Y)
MASA10	04-156	TN2012	A	(X)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
D0280	I	02880	003	6/7,6/8 6/9 6/1 11/1-7(BTR)	
D0290	I	02980	006	6/3,6/4 6/5,6/6 6/7,6/8 6/9 6/1 11/1-7(BTR)	
D0300	I	03080	009	6/3,6/4 6/5,6/6 6/7,6/8 6/9 6/1 11/1-7(BTR)	
D0310	I	03180	012	6/3,6/4 6/5,6/6 6/7,6/8 6/9 6/1 11/1-7(BTR)	
EADP0	(Y)ID (X)ID	EADP00 CASENO	112	6/1	
GRD04162	I	EXTINGO	135		
	I	EXTINGO	137		
	GRD	GRD	004		
	GRD	GRD	007		
	GRD	GRD	010		
	GRD	GRD	013		
	GRD	GRD	016		
	GRD	GRD	018		
	GRD	GRD	020		
	GRD	GRD	022		
	GRD	GRD	023		
	GRD	GRD	034		
	GRD	GRD	036		
	GRD	GRD	038		
	GRD	GRD	041		
	GRD	GRD	044		
	GRD	GRD	047		
	GRD	GRD	050		
	GRD	GRD	053		
	GRD	GRD	056		
	GRD	GRD	103		
	GRD	GRD	105		
	GRD	GRD	107		
	GRD	GRD	109		
	GRD	GRD	111		
	GRD	GRD	113		
	GRD	GRD	115		
	GRD	GRD	117		
	GRD	GRD	119		
	GRD	GRD	121		
	GRD	GRD	123		
	GRD	GRD	133		
	GRD	GRD	139		
	GRD	GRD	141		
	GRD	GRD	143		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	145		
	GRD	GRD	147		
	GRD	GRD	149		
	GRD	GRD	151		
	GRD	GRD	153		
	GRD	GRD	155		
	GRD	GRD	200		
	GRD	GRD	202		
	GRD	GRD	204		
	GRD	GRD	206		
	GRD	GRD	208		
	GRD	GRD	210		
	GRD	GRD	212		
	GRD	GRD	214		
	GRD	GRD	216		
	GRD	GRD	218		
	GRD	GRD	220		
	GRD	GRD	221		
	GRD	GRD	222		
	GRD	GRD	232		
	GRD	GRD	234		
	GRD	GRD	236		
	GRD	GRD	238		
	GRD	GRD	240		
	GRD	GRD	242		
	GRD	GRD	244		
	GRD	GRD	246		
	GRD	GRD	248		
	GRD	GRD	250		
	GRD	GRD	252		
	GRD	GRD	254		
	GRD	GRD	303		
	GRD	GRD	306		
	GRD	GRD	309		
	GRD	GRD	312		
	GRD	GRD	315		
	GRD	GRD	316		
	GRD	GRD	319		
	GRD	GRD	322		
	GRD	GRD	323		
	GRD	GRD	324		
	GRD	GRD	334		
	GRD	GRD	337		
	GRD	GRD	340		
	GRD	GRD	343		
	GRD	GRD	346		
	GRD	GRD	349		
	GRD	GRD	352		
PSVD	GRD	GRD	356		
	PHR	VCC	000	5/1	
	PHR	VCC	001	5/1	
	PHR	VCC	100	5/1	
	PHR	VCC	101	5/1	
	PHR	VCC	102	5/1	
	PHR	VCC	201	5/1	
	PHR	VCC	300	5/1	
	PHR	VCC	024	6/1	
READ01	I	READ11	024		
REF00	I	REF10	320	6/1	
SELCEV00	OT	SELCEB00	116	6/3,6/4 6/5,6/6 6/7,6/8 6/9	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
SELCO000	OT	SELCA00	118	6/1 11/1-7(BTR) TO PROC CONTROL FRAME CKT	
	I			6/3,6/4 6/5,6/6 6/7,6/8 6/9 6/1 11/1-7(BTR) TO PROC CONTROL FRAME CKT	
SELREV00	OT	SELR000	120	6/3,6/4 6/5,6/6 6/7,6/8 6/9 6/1 11/1-7(BTR) TO PROC CONTROL FRAME CKT	
SELRO000	OT	SELRA00	122	6/3,6/4 6/5,6/6 6/7,6/8 6/9 6/1 11/1-7(BTR) TO PROC CONTROL FRAME CKT	
SELDO000	I	SEL10	033	6/1 6/1 6/1	
SG001	I	GO11	223	6/1	
WRTH00	I	WRTH10	021	6/1	
WRT000	I	WRT010	035	6/1	
WRT030	I	A2011	017	6/1	

SYMBOL NO. 3
MAIN STORE ARRAY

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MASA10	04-156	TN56	A	(Y)
MASA10	04-156	TN2012	A	(X)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
NC	0	LTSTACK0	108		
	0	TEST00	253		
	(X)0	GRD	355		
	(X)1	DHLF10	106		
	I	LTEST0	110		
	I	CASENO	134		
	I	EXTINGO	136		
	I	LEDONO	138		
	I	PCURSPR	144		
	I	P5SENSE	148		
	I	PCURAPR	243		
ADPC00	OT	ADPC00	114	6/1	
ADPRO0	OT	ADPRO0	215	6/1	
A0020	I	A0210	233	6/1	
A0021	I	A0211	235	6/1	
A0031	I	A0311	339	6/1	
A0041	I	A0411	241	6/1	
A0051	I	A0511	341	6/1	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
A0061	I	A0611	342	6/1	
A0071	I	A0711	317	6/1	
A0081	I	A0811	318	6/1	
A0091	I	A0911	219	6/1	
A0101	I	A1011	332	6/1	
A0111	I	A1111	333	6/1	
A0121	I	A1211	335	6/1	
A0131	I	A1311	336	6/1	
A0141	I	A1411	237	6/1	
A0151	I	A1511	338	6/1	
A0161	I	A1611	217	6/1	
A0171	I	A1711	213	6/1	
A0181	I	A1811	209	6/1	
A0190	(Y)I	BSEL10	019	6/1	
	(X)I	A2110			
A0191	I	A1911	037	6/1	
CLRM00	(Y)GRD	GRD	321	6/1	
	(X)10	A4MSEL01			
CPMD	I	PCURSPR	144	4/3	
CPPD	I	NCURPR	146	4/3	
DH0000	OT	DH0080	014	6/2	
DH0010	OT	DH0180	314	6/2	
DH0020	OT	DH0280	039	6/2	
DH0030	OT	DH0380	042	6/2	
DP400	OT	DP480	313	6/2	
DPX00	OT	DPX80	015	6/2	
DPY00	OT	DPY80	040	6/2	
DPZ00	OT	DPZ80	043	6/2	
D0000	OT	D0080	344	6/2	
D0010	OT	D0180	347	6/2	
D0020	OT	D0280	350	6/2	
D0030	OT	D0380	353	6/2	
D0040	OT	D0480	301	6/2	
D0050	OT	D0580	304	6/2	
D0060	OT	D0680	307	6/2	
D0070	OT	D0780	310	6/2	
D0080	OT	D0880	345	6/2	
D0090	OT	D0980	348	6/2	
D0100	OT	D1080	351	6/2	
D0110	OT	D1180	354	6/2	
D0120	OT	D1280	302	6/2	
D0130	OT	D1380	305	6/2	
D0140	OT	D1480	308	6/2	
D0150	OT	D1580	311	6/2	
D0160	OT	D1680	045	6/2	
D0170	OT	D1780	048	6/2	
D0180	OT	D1880	051	6/2	
D0190	OT	D1980	054	6/2	
D0200	OT	D2080	002	6/2	
D0210	OT	D2180	005	6/2	

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SYMBOL(S) 2 3
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PART OF FS 6
MAIN STORE

SYMBOL NO. 3 (CONT)
MAIN STORE ARRAY

SYMBOL NO. 3 (CONT)
MAIN STORE ARRAY

SYMBOL NO. 4
MAIN STORE ARRAY

SYMBOL NO. 4 (CONT)
MAIN STORE ARRAY

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA10	04-156	TN56	A	(Y)
MASA10	04-156	TN2012	A	(X)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA10	04-156	TN56	A	(Y)
MASA10	04-156	TN2012	A	(X)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASAZ0	04-150	TN56	A	(Y)
MASAZ0	04-150	TN2012	A	(X)

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASAZ0	04-150	TN56	A	(Y)
MASAZ0	04-150	TN2012	A	(X)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
D0220	OT	D22B0	008		6/2	
D0230	OT	D23B0	011		6/2	
D0240	OT	D24B0	046		6/2	
D0250	OT	D25B0	049		6/2	
D0260	OT	D26B0	052		6/2	
D0270	OT	D27B0	055		6/2	
D0280	OT	D28B0	003		6/2	
D0290	OT	D29B0	006		6/2	
D0300	OT	D30B0	009		6/2	
D0310	OT	D31B0	012		6/2	
EADP0	(Y) I	EADP00	112		6/1	
GRD04156	(X) I	EADP00	135			
	I	EXTINGO	137			
	GRD	GRD	004			
	GRD	GRD	007			
	GRD	GRD	010			
	GRD	GRD	013			
	GRD	GRD	016			
	GRD	GRD	018			
	GRD	GRD	020			
	GRD	GRD	022			
	GRD	GRD	023			
	GRD	GRD	034			
	GRD	GRD	036			
	GRD	GRD	038			
	GRD	GRD	041			
	GRD	GRD	044			
	GRD	GRD	047			
	GRD	GRD	050			
	GRD	GRD	053			
	GRD	GRD	056			
	GRD	GRD	103			
	GRD	GRD	105			
	GRD	GRD	107			
	GRD	GRD	109			
	GRD	GRD	111			
	GRD	GRD	113			
	GRD	GRD	115			
	GRD	GRD	117			
	GRD	GRD	119			
	GRD	GRD	121			
	GRD	GRD	123			
	GRD	GRD	133			
	GRD	GRD	139			
	GRD	GRD	141			
	GRD	GRD	143			
	GRD	GRD	145			
	GRD	GRD	147			
	GRD	GRD	149			
	GRD	GRD	151			
	GRD	GRD	153			
	GRD	GRD	155			
	GRD	GRD	200			
	GRD	GRD	202			
	GRD	GRD	204			
	GRD	GRD	206			
	GRD	GRD	208			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	210			
	GRD	GRD	212			
	GRD	GRD	214			
	GRD	GRD	216			
	GRD	GRD	218			
	GRD	GRD	220			
	GRD	GRD	221			
	GRD	GRD	222			
	GRD	GRD	232			
	GRD	GRD	234			
	GRD	GRD	236			
	GRD	GRD	238			
	GRD	GRD	240			
	GRD	GRD	242			
	GRD	GRD	244			
	GRD	GRD	246			
	GRD	GRD	248			
	GRD	GRD	250			
	GRD	GRD	252			
	GRD	GRD	254			
	GRD	GRD	303			
	GRD	GRD	306			
	GRD	GRD	309			
	GRD	GRD	312			
	GRD	GRD	315			
	GRD	GRD	316			
	GRD	GRD	319			
	GRD	GRD	322			
	GRD	GRD	323			
	GRD	GRD	324			
	GRD	GRD	334			
	GRD	GRD	337			
	GRD	GRD	340			
	GRD	GRD	343			
	GRD	GRD	346			
	GRD	GRD	349			
	GRD	GRD	352			
	GRD	GRD	356			
	GRD	GRD	000			5/1
	PWR	VCC	001			5/1
	PWR	VCC	100			5/1
	PWR	VCC	101			5/1
	PWR	VCC	102			5/1
	PWR	VCC	201			5/1
	PWR	VCC	300			5/1
	I	READ11	024			6/1
	I	REF10	320			6/1
	OT	SELCA00	118			6/2
	OT	SELCB00	116			6/2
	OT	SELCAD0	122			6/2
	OT	SELCB00	120			6/2
	I	SEL10	033			6/1
	I	CO11	223			6/1
	I	WRTH10	021			6/1
	I	WRT010	035			6/1
	I	A2011	017			6/1

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	LTSTACKO	108			
	O	TEST00	253			
	(X) O	GRD	355			
	(X) I	OHLF10	106			
	I	LTEST0	110			
	I	CASENO	134			
	I	EXTINGO	136			
	I	LEDDO	138			
	I	PCLRSR	144			
	I	P5SENSE	148			
	I	PCLRAPR	243			
	OT	ADPC00	114			6/1
	OT	ADPRO0	215			6/1
	I	A0210	233			6/1
	I	A0211	235			6/1
	I	A0311	339			6/1
	I	A0411	241			6/1
	I	A0511	341			6/1
	I	A0611	342			6/1
	I	A0711	317			6/1
	I	A0811	318			6/1
	I	A0911	219			6/1
	I	A1011	332			6/1
	I	A1111	333			6/1
	I	A1211	335			6/1
	I	A1311	336			6/1
	I	A1411	237			6/1
	I	A1511	338			6/1
	I	A1611	217			6/1
	I	A1711	213			6/1
	I	A1811	209			6/1
	(Y) I	BSEL10	019			6/1
	(X) I	A2110	037			6/1
	I	A1911	037			6/1
	(Y) GRD	GRD	321			6/1
	(X) I	A4MSELD1	144			4/3
	I	PCLRSR	144			4/3
	I	NCLRPR	146			4/3
	OT	JH080	014			6/2
	OT	JH0180	314			6/2
	OT	DH0280	039			6/2
	OT	DH0380	042			6/2
	OT	DPAB0	313			6/2
	OT	DPXB0	015			6/2
	OT	DPY80	040			6/2
	OT	DPZ80	043			6/2
	OT	D0080	344			6/2
	OT	D0180	347			6/2
	OT	D0280	350			6/2
	OT	D0380	353			6/2
	OT	D0480	301			6/2
	OT	D0580	304			6/2
	OT	D0680	307			6/2
	OT	D0780	310			6/2
	OT	D0880	345			6/2
	OT	D0980	348			6/2
	OT	D1080	351			6/2
	OT	D1180	354			6/2
	OT	D1280	302			6/2

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
D0130	OT	D13B0	305		6/2	
D0140	OT	D14B0	308		6/2	
D0150	OT	D15B0	311		6/2	
D0160	OT	D16B0	045		6/2	
D0170	OT	D17B0	048		6/2	
D0180	OT	D18B0	051		6/2	
D0190	OT	D19B0	054		6/2	
D0200	OT	D20B0	002		6/2	
D0210	OT	D21B0	005		6/2	
D0220	OT	D22B0	008		6/2	
D0230	OT	D23B0	011		6/2	
D0240	OT	D24B0	046		6/2	
D0250	OT	D25B0	049		6/2	
D0260	OT	D26B0	052		6/2	
D0270	OT	D27B0	055		6/2	
D0280	OT	D28B0	003		6/2	
D0290	OT	D29B0	006		6/2	
D0300	OT	D30B0	009		6/2	
D0310	OT	D31B0	012		6/2	
EADP0	(Y) I	EADP00	112		6/1	
GRD04150	(X) I	EADP00	135			
	I	EXTINGO	137			
	GRD	GRD	004			
	GRD	GRD	007			
	GRD	GRD	010			
	GRD	GRD	013			
	GRD	GRD	016			
	GRD	GRD	018			
	GRD	GRD	020			
	GRD	GRD	022			
	GRD	GRD	023			
	GRD	GRD	034			
	GRD	GRD	036			
	GRD	GRD	038			
	GRD	GRD	041			
	GRD	GRD	044			
	GRD	GRD	047			
	GRD	GRD	050			
	GRD	GRD	053			
	GRD	GRD	056			
	GRD	GRD	103			
	GRD	GRD	105			
	GRD	GRD	107			
	GRD	GRD	109			
	GRD	GRD	111			
	GRD	GRD	113			
	GRD	GRD	115			
	GRD	GRD	117			

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PART OF FS 6
MAIN STORE

SYMBOL NO. 4 (CONT)
MAIN STORE ARRAY

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MASA20	04-150	TN56	A	(Y)
MASA20	04-150	TN2012	A	(X)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	119			
	GRD	GRD	121			
	GRD	GRD	123			
	GRD	GRD	133			
	GRD	GRD	139			
	GRD	GRD	141			
	GRD	GRD	143			
	GRD	GRD	145			
	GRD	GRD	147			
	GRD	GRD	149			
	GRD	GRD	151			
	GRD	GRD	153			
	GRD	GRD	155			
	GRD	GRD	200			
	GRD	GRD	202			
	GRD	GRD	204			
	GRD	GRD	206			
	GRD	GRD	208			
	GRD	GRD	210			
	GRD	GRD	212			
	GRD	GRD	214			
	GRD	GRD	216			
	GRD	GRD	218			
	GRD	GRD	220			
	GRD	GRD	221			
	GRD	GRD	222			
	GRD	GRD	232			
	GRD	GRD	234			
	GRD	GRD	236			
	GRD	GRD	238			
	GRD	GRD	240			
	GRD	GRD	242			
	GRD	GRD	244			
	GRD	GRD	246			
	GRD	GRD	248			
	GRD	GRD	250			
	GRD	GRD	252			
	GRD	GRD	254			
	GRD	GRD	303			
	GRD	GRD	306			
	GRD	GRD	309			
	GRD	GRD	312			
	GRD	GRD	315			
	GRD	GRD	316			
	GRD	GRD	319			
	GRD	GRD	322			
	GRD	GRD	323			
	GRD	GRD	324			
	GRD	GRD	334			
	GRD	GRD	337			
	GRD	GRD	340			
	GRD	GRD	343			
	GRD	GRD	346			
	GRD	GRD	349			
P5VD	GRD	GRD	352			
	GRD	GRD	356			
	PWR	VCC	000		5/1	
	PWR	VCC	001		5/1	
	PWR	VCC	100		5/1	
	PWR	VCC	101		5/1	

SYMBOL NO. 4 (CONT)
MAIN STORE ARRAY

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MASA20	04-150	TN56	A	(Y)
MASA20	04-150	TN2012	A	(X)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	PWR	VCC	102		5/1	
	PWR	VCC	201		5/1	
	PWR	VCC	300		5/1	
READ01	I	READ11	024		6/1	
REF00	I	REF10	220		6/1	
SELCEV00	OT	SELCA00	118		6/2	
SELCO000	OT	SELCO00	116		6/2	
SELREVO0	OT	SELRA00	122		6/2	
SELRO000	OT	SELRO00	120		6/2	
SEL0020	I	SEL10	033		6/1	
SG021	I	GO11	223		6/1	
WRTH00	I	WRTH10	021		6/1	
WRT000	I	WRT010	035		6/1	
WRT030	I	A2011	017		6/1	

SYMBOL NO. 5
MAIN STORE ARRAY

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MASA30	04-144	TN56	A	(Y)
MASA30	04-144	TN2012	A	(X)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	0	LTSTACK0	108			
	0	TEST00	253			
	(X)0	GRD	355			
	(X)1	OH1F10	106			
	I	LTEST0	110			
	I	EASEN0	134			
	I	EXTING0	136			
	I	LEDDN0	138			
	I	PCURSPR	144			
	I	PSENSE	148			
	I	PCURAPR	243			
ADPE00	OT	ADPE00	114		6/1	
ADPR00	OT	ADPR00	215		6/1	
A0020	I	A0210	233		6/1	
A0021	I	A0211	235		6/1	
A0031	I	A0311	339		6/1	
A0041	I	A0411	241		6/1	
A0051	I	A0511	341		6/1	
A0061	I	A0611	342		6/1	
A0071	I	A0711	317		6/1	
A0081	I	A0811	318		6/1	
A0091	I	A0911	219		6/1	
A0101	I	A1011	332		6/1	
A0111	I	A1111	333		6/1	
A0121	I	A1211	335		6/1	
A0131	I	A1311	336		6/1	
A0141	I	A1411	237		6/1	
A0151	I	A1511	338		6/1	
A0161	I	A1611	217		6/1	
A0171	I	A1711	213		6/1	

SYMBOL NO. 5 (CONT)
MAIN STORE ARRAY

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MASA30	04-144	TN56	A	(Y)
MASA30	04-144	TN2012	A	(X)

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
A0181	I	A1811	209		6/1	
A0190	(Y)1	BSEL10	019		6/1	
	(X)1	A2110				
A0191	I	A1911	037		6/1	
CLRM00	(Y)GRD	GRD	321		6/1	
	(X)10	A4MSEL01				
CPMD	I	PCURSPR	144		4/3	
CPPD	I	NCLRPR	146		4/3	
DH0000	OT	DH0080	014		6/2	
DH0010	OT	DH0180	314		6/2	
DH0020	OT	DH0280	039		6/2	
DH0030	OT	DH0380	042		6/2	
DPAD0	OT	DPAD0	313		6/2	
DPX00	OT	DPX80	015		6/2	
DPY00	OT	DPY80	040		6/2	
DPZ00	OT	DPZ80	043		6/2	
D0000	OT	D0080	344		6/2	
D0010	OT	D0180	347		6/2	
D0020	OT	D0280	350		6/2	
D0030	OT	D0380	353		6/2	
D0040	OT	D0480	301		6/2	
D0050	OT	D0580	304		6/2	
D0060	OT	D0680	307		6/2	
D0070	OT	D0780	310		6/2	
D0080	OT	D0880	345		6/2	
D0090	OT	D0980	348		6/2	
D0100	OT	D1080	351		6/2	
D0110	OT	D1180	354		6/2	
D0120	OT	D1280	302		6/2	
D0130	OT	D1380	305		6/2	
D0140	OT	D1480	308		6/2	
D0150	OT	D1580	311		6/2	
D0160	OT	D1680	045		6/2	
D0170	OT	D1780	048		6/2	
D0180	OT	D1880	051		6/2	
D0190	OT	D1980	054		6/2	
D0200	OT	D2080	002		6/2	
D0210	OT	D2180	005		6/2	
D0220	OT	D2280	008		6/2	
D0230	OT	D2380	011		6/2	
D0240	OT	D2480	046		6/2	
D0250	OT	D2580	049		6/2	
D0260	OT	D2680	052		6/2	
D0270	OT	D2780	055		6/2	
D0280	OT	D2880	003		6/2	
D0290	OT	D2980	006		6/2	
D0300	OT	D3080	009		6/2	
D0310	OT	D3180	012		6/2	
EADP0	(Y)10		112		6/1	
	(X)0	EADP00				
GRD04144	I	EASEN0	135			
	I	EXTING0	137			
	GRD	GRD	004			
	GRD	GRD	007			
	GRD	GRD	010			
	GRD	GRD	013			
	GRD	GRD	016			
	GRD	GRD	018			
	GRD	GRD	020			
	GRD	GRD	022			

SYMBOL NO. 5 (CONT)
MAIN STORE ARRAY

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MASA30	04-144	TN56	A	(Y)
MASA30	04-144	TN2012	A	(X)

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

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PART OF FS 6
MAIN STORE

SYMBOL NO. 5 (CONT)
MAIN STORE ARRAY

SYMBOL NO. 6
MAIN STORE ARRAY

SYMBOL NO. 6 (CONT)
MAIN STORE ARRAY

SYMBOL NO. 6 (CONT)
MAIN STORE ARRAY

SYMBOL NO. 5 (CONT)						SYMBOL NO. 6						SYMBOL NO. 6 (CONT)						SYMBOL NO. 6 (CONT)									
MAIN STORE ARRAY						MAIN STORE ARRAY						MAIN STORE ARRAY						MAIN STORE ARRAY									
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT		DESIG	EQPT LOC	CODE	ELEM IDENT	OPT		DESIG	EQPT LOC	CODE	ELEM IDENT	OPT		DESIG	EQPT LOC	CODE	ELEM IDENT	OPT					
MASA30	04-144	TN56	A	(Y)		MASA40	04-138	TN56	A	(Y)		MASA40	04-138	TN56	A	(Y)		MASA40	04-138	TN56	A	(Y)					
MASA30	04-144	TN2012	A	(X)		MASA40	04-138	TN2012	A	(X)		MASA40	04-138	TN2012	A	(X)		MASA40	04-138	TN2012	A	(X)					
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	242				NC	O	LTSTACKO	108				D0130	OT	D1380	305		6/2			GRD	GRD	149			
	GRD	GRD	244					O	TEST00	253				D0140	OT	D1480	303		6/2			GRD	GRD	151			
	GRD	GRD	246				(X)O	GRD	355					D0150	OT	D1580	311		6/2			GRD	GRD	153			
	GRD	GRD	248				(X)I	DMLF10	106					D0160	OT	D1680	045		6/2			GRD	GRD	155			
	GRD	GRD	250				I	LTESTO	110					D0170	OT	D1780	048		6/2			GRD	GRD	200			
	GRD	GRD	252				I	CASENO	134					D0180	OT	D1880	051		6/2			GRD	GRD	202			
	GRD	GRD	254				I	EXTINGO	136					D0190	OT	D1980	054		6/2			GRD	GRD	204			
	GRD	GRD	256				I	LEDORO	138					D0200	OT	D2080	002		6/2			GRD	GRD	206			
	GRD	GRD	258				I	PCURSPR	144					D0210	OT	D2180	005		6/2			GRD	GRD	208			
	GRD	GRD	306				I	PSSENSE	148					D0220	OT	D2280	008		6/2			GRD	GRD	210			
	GRD	GRD	309				I	PCURAPR	243					D0230	OT	D2380	011		6/2			GRD	GRD	212			
	GRD	GRD	312				ADPC00	OT	ADPC00	114		6/1		D0240	OT	D2480	046		6/2			GRD	GRD	214			
	GRD	GRD	315				ADPR00	OT	ADPR00	215		6/1		D0250	OT	D2580	049		6/2			GRD	GRD	216			
	GRD	GRD	316				A0020	I	A0210	233		6/1		D0260	OT	D2680	052		6/2			GRD	GRD	218			
	GRD	GRD	319				A0021	I	A0211	235		6/1		D0270	OT	D2780	055		6/2			GRD	GRD	220			
	GRD	GRD	322				A0031	I	A0311	339		6/1		D0280	OT	D2880	003		6/2			GRD	GRD	221			
	GRD	GRD	323				A0041	I	A0411	241		6/1		D0290	OT	D2980	006		6/2			GRD	GRD	222			
	GRD	GRD	324				A0051	I	A0511	341		6/1		D0300	OT	D3080	009		6/2			GRD	GRD	232			
	GRD	GRD	334				A0061	I	A0611	342		6/1		D0310	OT	D3180	012		6/2			GRD	GRD	234			
	GRD	GRD	337				A0071	I	A0711	317		6/1		EADP0	(Y)IO		112		6/1			GRD	GRD	236			
	GRD	GRD	340				A0081	I	A0811	318		6/1		(X)O	EADP00							GRD	GRD	238			
	GRD	GRD	343				A0091	I	A0911	219		6/1		GRD04138	I	CASENO	135					GRD	GRD	240			
	GRD	GRD	346				A0101	I	A1011	332		6/1		I	EXTINGO		137					GRD	GRD	242			
	GRD	GRD	349				A0111	I	A1111	333		6/1		GRD	GRD		004					GRD	GRD	244			
	GRD	GRD	352				A0121	I	A1211	335		6/1		GRD	GRD		007					GRD	GRD	246			
	GRD	GRD	356				A0131	I	A1311	336		6/1		GRD	GRD		010					GRD	GRD	248			
PSVD	PWR	VCC	000		5/1		A0141	I	A1411	237		6/1		GRD	GRD		013					GRD	GRD	250			
	PWR	VCC	100		5/1		A0151	I	A1511	338		6/1		GRD	GRD		016					GRD	GRD	252			
	PWR	VCC	101		5/1		A0161	I	A1611	217		6/1		GRD	GRD		018					GRD	GRD	254			
	PWR	VCC	102		5/1		A0171	I	A1711	213		6/1		GRD	GRD		020					GRD	GRD	303			
	PWR	VCC	201		5/1		A0181	I	A1811	209		6/1		GRD	GRD		022					GRD	GRD	306			
	PWR	VCC	300		5/1		A0190	(Y)I	BSEL10	019		6/1		GRD	GRD		023					GRD	GRD	309			
READ01	I	READ11	024		6/1		(X)I	A2110				6/1		GRD	GRD		024					GRD	GRD	312			
REF00	I	REF10	320		6/1		A0191	I	A1911	037		6/1		GRD	GRD		036					GRD	GRD	315			
SELCEV00	OT	SELCEB00	116		6/2		CL9H00	(Y)GRD	GRD	321		6/1		GRD	GRD		038					GRD	GRD	316			
SELCO000	OT	SELCA00	118		6/2		(X)O	A4MSEL01		144		4/3		GRD	GRD		041					GRD	GRD	319			
SELRE000	OT	SELRB00	120		6/2		CPMD	I	PCURSPR	144		4/3		GRD	GRD		044					GRD	GRD	322			
SELRO000	OT	SELRA00	122		6/2		CPPD	I	NCURPR	146		4/3		GRD	GRD		047					GRD	GRD	323			
SEL0030	I	SEL10	033		6/1		DH0000	OT	DH0080	014		6/2		GRD	GRD		050					GRD	GRD	324			
SG031	I	G011	223		6/1		DH0010	OT	DH0180	314		6/2		GRD	GRD		053					GRD	GRD	334			
WRTH00	I	WRTH10	021		6/1		DH0020	OT	DH0280	039		6/2		GRD	GRD		056					GRD	GRD	337			
WRT000	I	WRT010	035		6/1		DH0030	OT	DH0380	042		6/2		GRD	GRD		103					GRD	GRD	340			
WRT030	I	A2011	017		6/1		DPA00	OT	DPAB0	313		6/2		GRD	GRD		105					GRD	GRD	343			
							DPX00	OT	DPXB0	015		6/2		GRD	GRD		107					GRD	GRD	346			
							DPY00	OT	DPY80	040		6/2		GRD	GRD		109					GRD	GRD	349			
							DPZ00	OT	DPZ80	043		6/2		GRD	GRD		111					GRD	GRD	352			
							D0000	OT	D0080	344		6/2		GRD	GRD		113					GRD	GRD	356			
							D0010	OT	D0180	347		6/2		GRD	GRD		115				PSVD	PWR	VCC	000		5/1	
							D0020	OT	D0280	350		6/2		GRD	GRD		117										
							D0030	OT	D0380	353		6/2		GRD	GRD		119										
							D0040	OT	D0480	301		6/2		GRD	GRD		121										
							D0050	OT	D0580	304		6/2		GRD	GRD		123										
							D0060	OT	D0680	307		6/2		GRD	GRD		133										
							D0070	OT	D0780	310		6/2		GRD	GRD		139										
							D0080	OT	D0880	345		6/2		GRD	GRD		141										
							D0090	OT	D0980	348		6/2		GRD	GRD		143										
							D0100	OT	D1080	351		6/2		GRD	GRD		145										
							D0110	OT	D1180	354		6/2		GRD	GRD		147										
							D0120	OT	D1280	302		6/2															

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SYMBOL(S) 5 6
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DWG SIZE 1

AT&T

PART OF FS 6
MAIN STORE

SYMBOL NO. 6 (CONT)
MAIN STORE ARRAY

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA40	04-138	TN56	A	(Y)
MASA40	04-138	TN2012	A	(X)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	PHR	VCC	100	5/1	
	PHR	VCC	101	5/1	
	PHR	VCC	102	5/1	
	PHR	VCC	201	5/1	
	PHR	VCC	300	5/1	
READ01	I	READ11	024	6/1	
REF00	I	REF10	320	6/1	
SELCEV00	OT	SELCA00	118	6/2	
SELCD000	OT	SELCB00	116	6/2	
SELREV00	OT	SELRA00	122	6/2	
SELROD00	OT	SELRB00	120	6/2	
SEL0040	I	SEL10	033	6/1	
SG001	I	GO11	223	6/1	
WRTH00	I	WRTH10	021	6/1	
WRT000	I	WRT010	035	6/1	
WRT030	I	AZ011	017	6/1	

SYMBOL NO. 7
MAIN STORE ARRAY

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA50	04-132	TN56	A	(Y)
MASA50	04-132	TN2012	A	(X)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
NC	O	LTSTACK0	108		
	D	TEST00	233		
	(X)O	GRD	355		
	(X)I	OHLF10	106		
	I	LTEST0	110		
	I	CASENO	134		
	I	EXTINGO	136		
	I	LEDOND	138		
	I	PCURSPR	144		
	I	PSENSE	148		
	I	PCURAPR	243		
ADPC00	OT	ADPC00	114	6/1	
ADPR00	OT	ADPR00	215	6/1	
A0020	I	A0210	233	6/1	
A0021	I	A0211	235	6/1	
A0031	I	A0311	339	6/1	
A0041	I	A0411	241	6/1	
A0051	I	A0511	341	6/1	
A0061	I	A0611	342	6/1	
A0071	I	A0711	317	6/1	
A0081	I	A0811	318	6/1	
A0091	I	A0911	219	6/1	
A0101	I	A1011	332	6/1	
A0111	I	A1111	333	6/1	
A0121	I	A1211	335	6/1	
A0131	I	A1311	336	6/1	
A0141	I	A1411	237	6/1	

SYMBOL NO. 7 (CONT)
MAIN STORE ARRAY

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA50	04-132	TN56	A	(Y)
MASA50	04-132	TN2012	A	(X)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
A0151	I	A1511	338	6/1	
A0161	I	A1611	237	6/1	
A0171	I	A1711	213	6/1	
A0181	I	A1811	209	6/1	
A0190	(Y)I	BSEL10	019	6/1	
	(X)I	AZ110			
A0191	I	A1911	037	6/1	
CLRM00	(Y)GRD	GRD	321	6/1	
	(X)O	A4MSEL01			
CPMD	I	PCURSPR	144	4/3	
CPPD	I	PCURPR	146	4/3	
DH0000	OT	DH00B0	014	6/2	
DH0010	OT	DH01B0	314	6/2	
DH0020	OT	DH02B0	039	6/2	
DH0030	OT	DH03B0	042	6/2	
DPA00	OT	DPAB0	313	6/2	
DPX00	OT	DPXB0	015	6/2	
DPY00	OT	DPYB0	040	6/2	
DP200	OT	DP2B0	043	6/2	
D0000	OT	D00B0	344	6/2	
D0010	OT	D01B0	347	6/2	
D0020	OT	D02B0	350	6/2	
D0030	OT	D03B0	353	6/2	
D0040	OT	D04B0	301	6/2	
D0050	OT	D05B0	304	6/2	
D0060	OT	D06B0	307	6/2	
D0070	OT	D07B0	310	6/2	
D0080	OT	D08B0	345	6/2	
D0090	OT	D09B0	348	6/2	
D0100	OT	D10B0	351	6/2	
D0110	OT	D11B0	354	6/2	
D0120	OT	D12B0	302	6/2	
D0130	OT	D13B0	305	6/2	
D0140	OT	D14B0	308	6/2	
D0150	OT	D15B0	311	6/2	
D0160	OT	D16B0	045	6/2	
D0170	OT	D17B0	048	6/2	
D0180	OT	D18B0	051	6/2	
D0190	OT	D19B0	054	6/2	
D0200	OT	D20B0	002	6/2	
D0210	OT	D21B0	005	6/2	
D0220	OT	D22B0	008	6/2	
D0230	OT	D23B0	011	6/2	
D0240	OT	D24B0	046	6/2	
D0250	OT	D25B0	049	6/2	
D0260	OT	D26B0	052	6/2	
D0270	OT	D27B0	055	6/2	
D0280	OT	D28B0	003	6/2	
D0290	OT	D29B0	006	6/2	
D0300	OT	D30B0	009	6/2	
D0310	OT	D31B0	012	6/2	
EADP0	(Y)O	EADP00	112	6/1	
	(X)O	EASENO	135		
GRD04132	I	EXTINGO	137		
	GRD	GRD	004		
	GRD	GRD	007		
	GRD	GRD	010		
	GRD	GRD	013		
	GRD	GRD	016		

SYMBOL NO. 7 (CONT)
MAIN STORE ARRAY

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA50	04-132	TN56	A	(Y)
MASA50	04-132	TN2012	A	(X)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	018		
	GRD	GRD	020		
	GRD	GRD	322		
	GRD	GRD	023		
	GRD	GRD	034		
	GRD	GRD	036		
	GRD	GRD	038		
	GRD	GRD	041		
	GRD	GRD	044		
	GRD	GRD	047		
	GRD	GRD	050		
	GRD	GRD	053		
	GRD	GRD	056		
	GRD	GRD	103		
	GRD	GRD	105		
	GRD	GRD	107		
	GRD	GRD	109		
	GRD	GRD	111		
	GRD	GRD	113		
	GRD	GRD	115		
	GRD	GRD	117		
	GRD	GRD	119		
	GRD	GRD	121		
	GRD	GRD	123		
	GRD	GRD	133		
	GRD	GRD	139		
	GRD	GRD	141		
	GRD	GRD	143		
	GRD	GRD	145		
	GRD	GRD	147		
	GRD	GRD	149		
	GRD	GRD	151		
	GRD	GRD	153		
	GRD	GRD	155		
	GRD	GRD	200		
	GRD	GRD	202		
	GRD	GRD	204		
	GRD	GRD	206		
	GRD	GRD	208		
	GRD	GRD	210		
	GRD	GRD	212		
	GRD	GRD	214		
	GRD	GRD	216		
	GRD	GRD	218		
	GRD	GRD	220		
	GRD	GRD	221		
	GRD	GRD	222		
	GRD	GRD	232		
	GRD	GRD	234		
	GRD	GRD	236		
	GRD	GRD	238		
	GRD	GRD	240		
	GRD	GRD	242		
	GRD	GRD	244		
	GRD	GRD	246		
	GRD	GRD	248		
	GRD	GRD	250		
	GRD	GRD	252		
	GRD	GRD	254		
	GRD	GRD	303		

SYMBOL NO. 7 (CONT)
MAIN STORE ARRAY

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASA50	04-132	TN56	A	(Y)
MASA50	04-132	TN2012	A	(X)

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	306		
	GRD	GRD	309		
	GRD	GRD	312		
	GRD	GRD	315		
	GRD	GRD	316		
	GRD	GRD	319		
	GRD	GRD	322		
	GRD	GRD	323		
	GRD	GRD	324		
	GRD	GRD	334		
	GRD	GRD	337		
	GRD	GRD	340		
	GRD	GRD	343		
	GRD	GRD	346		
	GRD	GRD	349		
PSVD	PHR	VCC	000	5/1	
	PHR	VCC	001	5/1	
	PHR	VCC	100	5/1	
	PHR	VCC	101	5/1	
	PHR	VCC	102	5/1	
	PHR	VCC	201	5/1	
	PHR	VCC	300	5/1	
READ01	I	READ11	024	6/1	
REF00	I	REF10	320	6/1	
SELCEV00	OT	SELCB00	116	6/2	
SELCD000	OT	SELCA00	118	6/2	
SELREV00	OT	SELRB00	120	6/2	
SELROD000	OT	SELRA00	122	6/2	
SEL0050	I	SEL10	033	6/1	
SG011	I	GO11	223	6/1	
WRTH00	I	WRTH10	021	6/1	
WRT000	I	WRT010	035	6/1	
WRT030	I	AZ011	017	6/1	

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PART OF FS 6
MAIN STORE

SYMBOL NO. 8 MAIN STORE ARRAY							SYMBOL NO. 8 (CONT) MAIN STORE ARRAY							SYMBOL NO. 8 (CONT) MAIN STORE ARRAY							SYMBOL NO. 8 (CONT) MAIN STORE ARRAY						
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	FUNC	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	FUNC	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	FUNC	DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	FUNC
MASA60	04-126	TN56	A	(Y)			MASA60	04-126	TN56	A	(Y)			MASA60	04-126	TN56	A	(Y)			MASA60	04-126	TN56	A	(Y)		
MASA60	04-126	TN2012	A	(X)			MASA60	04-126	TN2012	A	(X)			MASA60	04-126	TN2012	A	(X)			MASA60	04-126	TN2012	A	(X)		
TERM.	TERM. OPT	DESTINATION	NOTE	TERM.	TERM. OPT	DESTINATION	TERM.	TERM. OPT	DESTINATION	NOTE	TERM.	TERM. OPT	DESTINATION	TERM.	TERM. OPT	DESTINATION	NOTE	TERM.	TERM. OPT	DESTINATION	TERM.	TERM. OPT	DESTINATION	NOTE	TERM.	TERM. OPT	DESTINATION

PART OF FS 6
MAIN STORE

SYMBOL NO. 9
MAIN STORE ARRAY

SYMBOL NO. 9 (CONT)
MAIN STORE ARRAY

SYMBOL NO. 9 (CONT)
MAIN STORE ARRAY

SYMBOL NO. 9 (CONT)
MAIN STORE ARRAY

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MASA70	04-120	TN56	A	(Y)
MASA70	04-120	TN2012	A	(X)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MASA70	04-120	TN56	A	(Y)
MASA70	04-120	TN2012	A	(X)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MASA70	04-120	TN56	A	(Y)
MASA70	04-120	TN2012	A	(X)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MASA70	04-120	TN56	A	(Y)
MASA70	04-120	TN2012	A	(X)

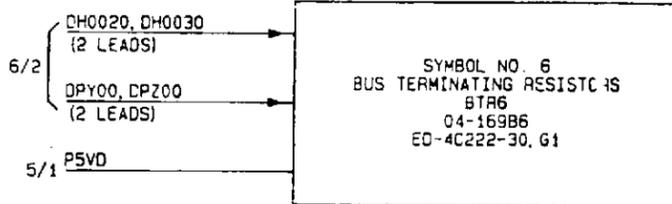
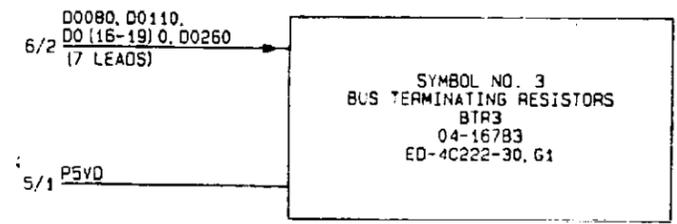
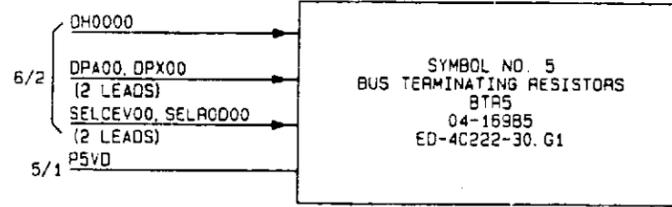
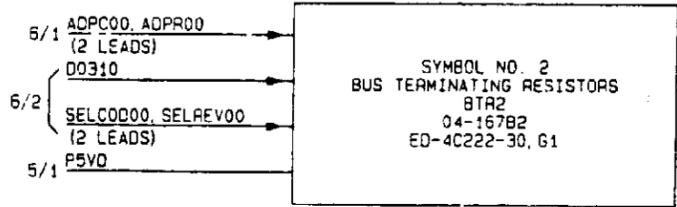
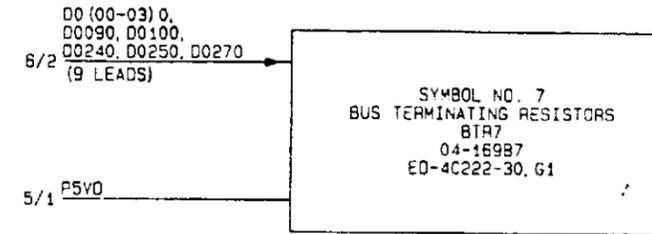
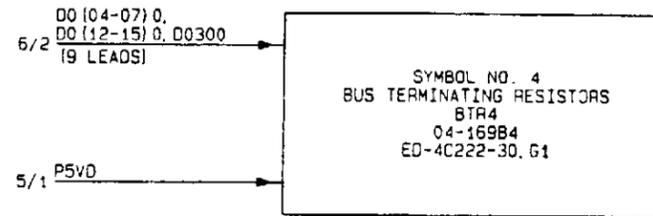
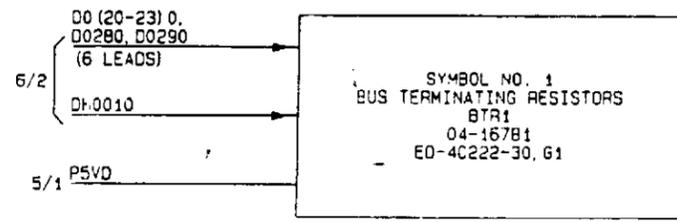
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	0	LTSTACK0	108			
	0	TEST00	253			
	(X)0	GRD	355			
	(X)1	DHLF10	106			
	1	LTST00	110			
	1	CASENO	134			
	1	EXTINGO	136			
	1	LEDO00	138			
	1	PCURSPR	144			
ADPC00	1	PSSENSE	148			
	1	PCURAPR	243			
	OT	ADPC00	114		6/1	
ADPR00	DT	ADPR00	215		6/1	
A0020	1	A0210	233		6/1	
A0021	1	A0211	235		6/1	
A0031	1	A0311	339		6/1	
A0041	1	A0411	241		6/1	
A0051	1	A0511	341		6/1	
A0061	1	A0611	342		6/1	
A0071	1	A0711	317		6/1	
A0081	1	A0811	318		6/1	
A0091	1	A0911	219		6/1	
A0101	1	A1011	332		6/1	
A0111	1	A1111	333		6/1	
A0121	1	A1211	335		6/1	
A0131	1	A1311	336		6/1	
A0141	1	A1411	237		6/1	
A0151	1	A1511	338		6/1	
A0161	1	A1611	217		6/1	
A0171	1	A1711	213		6/1	
A0181	1	A1811	209		6/1	
A0190	(Y)1	BSEL10	019		6/1	
A0191	(X)1	A2110			6/1	
	1	A1911	037		6/1	
ELRM00	(Y)GRD	GRD	321		6/1	
	(X)10	A4MSEL01				
CPMD	1	PCURSPR	144		4/3	
CPPD	1	NCLURPR	146		4/3	
DH0000	OT	DH00B0	014		6/2	
DH0010	OT	DH01B0	314		6/2	
DH0020	OT	DH02B0	039		6/2	
DH0030	OT	DH03B0	042		6/2	
DPA00	OT	DPAB0	313		6/2	
DPX00	OT	DPXB0	015		6/2	
DPY00	OT	DPYB0	040		6/2	
DPZ00	OT	DPZB0	043		6/2	
D0000	OT	D00B0	344		6/2	
D0010	OT	D01B0	347		6/2	
D0020	OT	D02B0	350		6/2	
D0030	OT	D03B0	353		6/2	
D0040	OT	D04B0	301		6/2	
D0050	OT	D05B0	304		6/2	
D0060	OT	D06B0	307		6/2	
D0070	OT	D07B0	310		6/2	
D0080	OT	D08B0	345		6/2	
D0090	OT	D09B0	348		6/2	
D0100	OT	D10B0	351		6/2	
D0110	OT	D11B0	354		6/2	
D0120	OT	D12B0	302		6/2	
D0130	OT	D13B0	305		6/2	
D0140	OT	D14B0	308		6/2	
D0150	OT	D15B0	311		6/2	
D0160	OT	D16B0	045		6/2	
D0170	OT	D17B0	048		6/2	
D0180	OT	D18B0	051		6/2	
D0190	OT	D19B0	054		6/2	
D0200	OT	D20B0	002		6/2	
D0210	OT	D21B0	005		6/2	
D0220	OT	D22B0	008		6/2	
D0230	OT	D23B0	011		6/2	
D0240	OT	D24B0	046		6/2	
D0250	OT	D25B0	049		6/2	
D0260	OT	D26B0	052		6/2	
D0270	OT	D27B0	055		6/2	
D0280	OT	D28B0	003		6/2	
D0290	OT	D29B0	006		6/2	
D0300	OT	D30B0	009		6/2	
D0310	OT	D31B0	012		6/2	
EADPO	(Y)10	EADPO0	112		6/1	
	(X)0	EADPO0				
GRD04120	1	CASENO	135			
	1	EXTINGO	137			
	GRD	GRD	004			
	GRD	GRD	007			
	GRD	GRD	010			
	GRD	GRD	013			
	GRD	GRD	016			
	GRD	GRD	018			
	GRD	GRD	020			
	GRD	GRD	022			
	GRD	GRD	023			
	GRD	GRD	034			
	GRD	GRD	036			
	GRD	GRD	038			
	GRD	GRD	041			
	GRD	GRD	044			
	GRD	GRD	047			
	GRD	GRD	050			
	GRD	GRD	053			
	GRD	GRD	056			
	GRD	GRD	103			
	GRD	GRD	105			
	GRD	GRD	107			
	GRD	GRD	109			
	GRD	GRD	111			
	GRD	GRD	113			
	GRD	GRD	115			
	GRD	GRD	117			
	GRD	GRD	119			
	GRD	GRD	121			
	GRD	GRD	123			
	GRD	GRD	133			
	GRD	GRD	139			
	GRD	GRD	141			
	GRD	GRD	143			
	GRD	GRD	145			
	GRD	GRD	147			
PSVD		PWR	VCC	000	5/1	
		PWR	VCC	001	5/1	
		PWR	VCC	100	5/1	
		PWR	VCC	101	5/1	
		PWR	VCC	102	5/1	
		PWR	VCC	201	5/1	
		PWR	VCC	300	5/1	
READ01	1	READ11	024		6/1	
REF00	1	REF10	320		6/1	
SELLEV00	OT	SELCA00	118		6/2	
SELCD000	OT	SELCB00	116		6/2	
SELREV00	OT	SELRA00	122		6/2	
SELROD00	OT	SELRB00	120		6/2	
SEL0070	1	SEL10	033		6/1	
SG031	1	GO11	223		6/1	
WRTH00	1	WRTH10	021		6/1	
WRT000	1	WRT010	035		6/1	
WRT030	1	A2011	017		6/1	

TO PROC CONTROL
FRAME CKT

PART OF FS 6
SYMBOL(S) 9
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SCSI NEW SHIP UNIT		DWG SIZE C2
AT&T		ISSUE 1
SD-3T004-01		B6CK

PART OF FS 7
 BUS TERMINATING RESISTORS
 INTERCONNECTION AND FLOW DIAGRAM



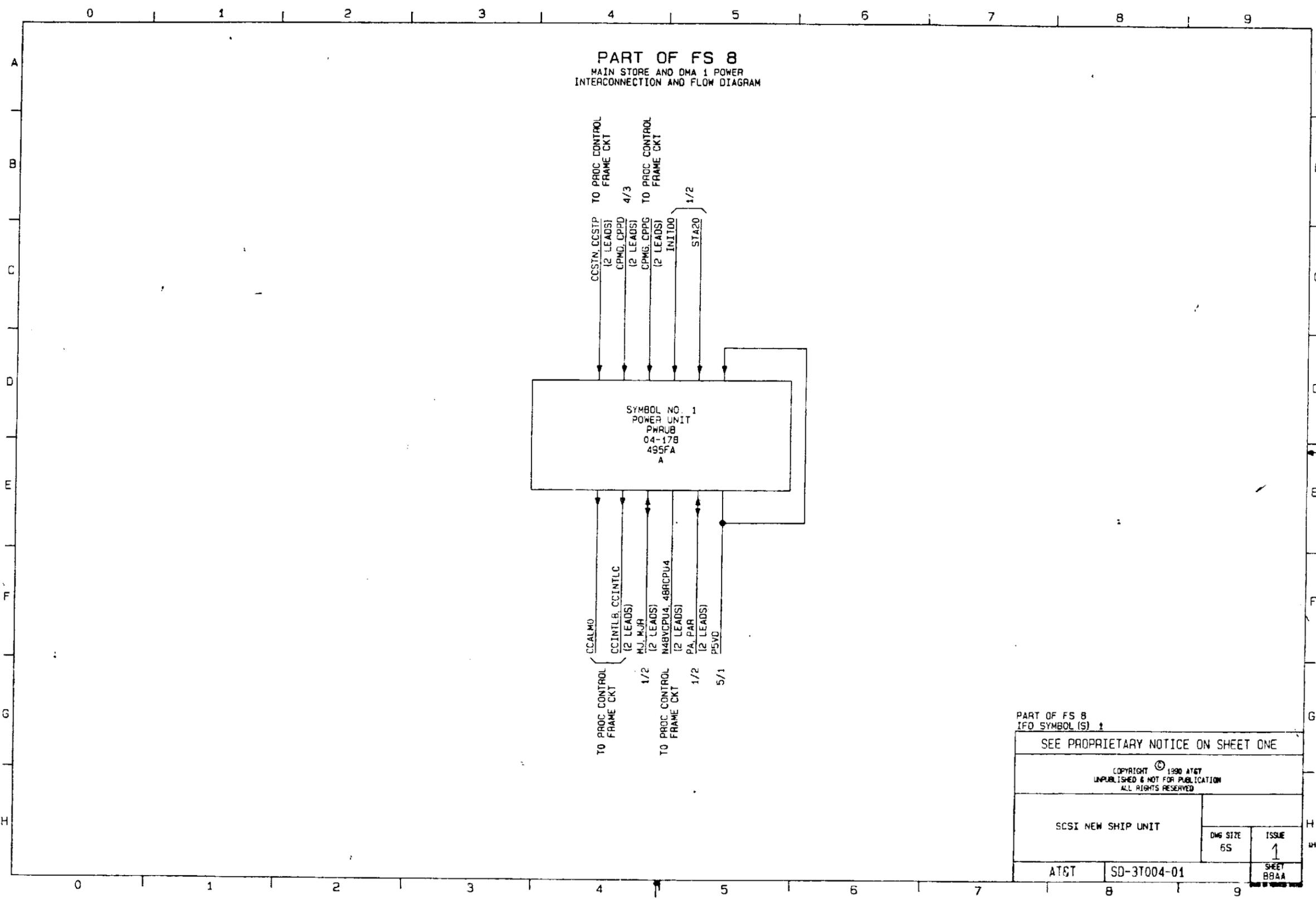
PART OF FS 7
 IFD SYMBOL(S) 1-7

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SCSI NEW SHIP UNIT

DWG SIZE 65	ISSUE 1
AT&T	SD-3T004-01
SHEET 87AA	



PART OF FS 8
IFD SYMBOL (S) 1

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SCSI NEW SHIP UNIT

DWG SIZE 6S	ISSUE 1
AT&T	SD-3T004-01
SHEET 88AA	

PART OF FS 8
MAIN STORE AND DMA 1 POWER

SYMBOL NO. 1 POWER UNIT							SYMBOL NO. 1 (CONT) POWER UNIT							SYMBOL NO. 1 (CONT) POWER UNIT									
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT			DESIG	EQPT LOC	CODE	ELEM IDENT	OPT				DESIG	EQPT LOC	CODE	ELEM IDENT	OPT				
PWRUB	04-178	495FA	A				PWRUB	04-178	495FA	A					PWRUB	04-178	495FA	A					
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE			
NC	I	RS4	010					GRD	-E01	140					PWR	+E01	147			5/1			
	I	SC	019					GRD	-E01	141					PWR	+E01	148			5/1			
	I	RS3	109					GRD	-E01	142					PWR	+E01	149			5/1			
	I	+SB	118					GRD	FG	200					PWR	+E01	150			5/1			
	I	+SYNC	120					GRD	FG	201					PWR	+E01	151			5/1			
	I	-SYNC	121					GRD	-E01	232					PWR	+E01	152			5/1			
	GRD	-E01	043					GRD	-E01	233					PWR	+E01	153			5/1			
	GRD	-E01	143					GRD	-E01	234					PWR	+E01	154			5/1			
	GRD	-E01	243					GRD	-E01	235					PWR	+E01	155			5/1			
CCALMO	GRD	-E01	343					GRD	-E01	236					PWR	+E01	156			5/1			
	O	ALMZ	014		TO PROC CONTROL FRAME CKT			GRD	-E01	237					PWR	+E01	245			5/1			
	I		214					GRD	-E01	238					PWR	+E01	246			5/1			
CCINTLB	O	INT	112		TO PROC CONTROL FRAME CKT			GRD	-E01	239					PWR	+E01	247			5/1			
	I		213					GRD	-E01	240					PWR	+E01	248			5/1			
CCINTLC	O	INT	012		TO PROC CONTROL FRAME CKT			GRD	-E01	241					PWR	+E01	249			5/1			
	I		213					GRD	-E01	242					PWR	+E01	250			5/1			
	I		012					GRD	FG	300					PWR	+E01	251			5/1			
	I		314		TO PROC CONTROL FRAME CKT			GRD	FG	301					PWR	+E01	252			5/1			
CCSTN	I	RS2	013					GRD	-E01	332					PWR	+E01	253			5/1			
	I		110					GRD	-E01	333					PWR	+E01	254			5/1			
	I		114					GRD	-E01	334					PWR	+E01	255			5/1			
	I		314		TO PROC CONTROL FRAME CKT			GRD	-E01	335					PWR	+E01	256			5/1			
CCSTP	I	RS1	011		TO PROC CONTROL FRAME CKT			GRD	-E01	336					PWR	+E01	345			5/1			
	I		016					GRD	-E01	337					PWR	+E01	346			5/1			
	I		216					GRD	-E01	338					PWR	+E01	347			5/1			
CPND	I	-CP	117		4/3			GRD	-E01	339					PWR	+E01	348			5/1			
CPNG	I		021					GRD	-E01	340					PWR	+E01	349			5/1			
	I		221		TO PROC CONTROL FRAME CKT			GRD	-E01	341					PWR	+E01	350			5/1			
CPPD	I	+CP	017		4/3		INITDO	I		311		1/2			PWR	+E01	351			5/1			
CPPG	I		020				MJ	IO		310		1/2			PWR	+E01	353			5/1			
	I		220		TO PROC CONTROL FRAME CKT		MJR	IO		210		1/2			PWR	+E01	354			5/1			
GRD04178	OT	ALM1	012				N48VCPU4	PWR	-VIN	006					PWR	+E01	355			5/1			
	OT		113					PWR	-VIN	007					PWR	+E01	356			5/1			
	I	-S	119					PWR	-VIN	008				STA20	I	SA	018			5/1			
	GRD	FG	000					PWR	-VIN	107					I		211			1/2			
	GRD	FG	001					PWR	-VIN	108				48RCPU4	PWR	+VIN	003						
	GRD	-E01	032					PWR	-VIN	108					PWR	+VIN	004						
	GRD	-E01	033					PWR	-VIN	207					PWR	+VIN	005						
	GRD	-E01	034					PWR	-VIN	208					PWR	+VIN	102						
	GRD	-E01	035					PWR	-VIN	306					PWR	+VIN	103						
	GRD	-E01	036					PWR	-VIN	307					PWR	+VIN	104						
	GRD	-E01	037					PWR	-VIN	308					PWR	+VIN	203						
	GRD	-E01	038				PA	IO		309		1/2	TO PROC CONTROL FRAME CKT		PWR	+VIN	204						
	GRD	-E01	039					PWR	+E01	045		5/1			PWR	+VIN	205						
	GRD	-E01	040				PAR	PWR	+E01	046		5/1			PWR	+VIN	302						
	GRD	-E01	041				PSVD	PWR	+E01	047		5/1			PWR	+VIN	303						
	GRD	-E01	042					PWR	+E01	048		5/1			PWR	+VIN	304						
	GRD	FG	100					PWR	+E01	049		5/1											
	GRD	FG	101					PWR	+E01	050		5/1											
	GRD	-E01	132					PWR	+E01	051		5/1											
	GRD	-E01	133					PWR	+E01	052		5/1											
	GRD	-E01	134					PWR	+E01	053		5/1											
	GRD	-E01	135					PWR	+E01	054		5/1											
	GRD	-E01	136					PWR	+E01	055		5/1											
	GRD	-E01	137					PWR	+E01	056		5/1											
	GRD	-E01	138					PWR	+E01	145		5/1											
	GRD	-E01	139					PWR	+E01	146		5/1											

PART OF FS 8
SYMBOL(S) 1
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SCSI NEW SHIP UNIT		DWG SIZE 12
AT&T		ISSUE 1
SD-3T004-01		B8CA

APP FIG. 1

CIRCUIT PACK		04-024		04-030		04-036		04-044		04-080		04-088		04-104		04-112		04-162		04-162		EQPT LOC		
DESIG	DFCPWRC	DESIG	DFCPWRC	DESIG	DFCPWRC	DESIG	DFCPWRC	DESIG	DFCPWRC	DESIG	DFCPWRC	DESIG	DFCPWRC	DESIG	DFCPWRC	DESIG	DFCPWRC	DESIG	DFCPWRC	DESIG	DFCPWRC	DESIG	DFCPWRC	DESIG
CODE	TN68	CODE	TN68	CODE	TN68	CODE	TN68	CODE	TN68	CODE	TN68	CODE	TN68	CODE	TN68	CODE	TN68	CODE	TN68	CODE	TN68	CODE	TN68	CODE
OPTION		OPTION		OPTION		OPTION		OPTION		OPTION		OPTION		OPTION		OPTION		OPTION		OPTION		OPTION		OPTION
ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT
A	1/2			2/1		3/1		3/2		4/2		4/1		4/3		6/1		6/2		6/2		6/2		A

BTR

OPTION	DESIG	FS/SYM	CODE
BTR1	7/1	ED-4C222-30,G1	
BTR2	7/2	ED-4C222-30,G1	
BTR3	7/3	ED-4C222-30,G1	
BTR4	7/4	ED-4C222-30,G1	
BTR5	7/5	ED-4C222-30,G1	
BTR6	7/6	ED-4C222-30,G1	
BTR7	7/7	ED-4C222-30,G1	

PWR CONV

OPTION	DESIG	FS/SYM	CODE
PWRUB	8/1	495FA	
PWRUC	1/1	495FA	

APP FIG. 2

CIRCUIT PACK		04-120		04-120		04-126		04-126		04-132		04-132		04-138		04-138		04-144		04-144		04-150		04-150		04-156		EQPT LOC			
DESIG	MASA70	DESIG	MASA70	DESIG	MASA70	DESIG	MASA70	DESIG	MASA70	DESIG	MASA70	DESIG	MASA70	DESIG	MASA70	DESIG	MASA70	DESIG	MASA70	DESIG	MASA70	DESIG	MASA70	DESIG	MASA70	DESIG	MASA70	DESIG	MASA70	DESIG	
CODE	TN2012	CODE	TN2012	CODE	TN2012	CODE	TN2012	CODE	TN2012	CODE	TN2012	CODE	TN2012	CODE	TN2012	CODE	TN2012	CODE	TN2012	CODE	TN2012	CODE	TN2012	CODE	TN2012	CODE	TN2012	CODE	TN2012	CODE	
OPTION	X	OPTION	Y	OPTION	X	OPTION	Y	OPTION	X	OPTION	Y	OPTION	X	OPTION	Y	OPTION	X	OPTION	Y	OPTION	X	OPTION	Y	OPTION	X	OPTION	Y	OPTION	X		
ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT	ELEM IDENT	CKT		
A	6/9			6/9		6/8		6/8		6/7		6/7		6/6		6/6		6/5		6/5		6/4		6/4		6/4		6/4		6/3	A

CIRCUIT PACK

EQPT LOC	DESIG	CODE	OPTION	ELEM IDENT	CKT	EQPT LOC	DESIG	CODE	OPTION	ELEM IDENT	CKT
04-156	MASA10	TN56	Y			04-156	MASA10	TN56	Y		
A					6/3	A					

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SCSI NEW SHIP UNIT		DWG SIZE C2
AT&T		ISSUE 1
SD-3T004-01		C1

APP FIG. 3

CIRCUIT PACK

EOPT LOC	04-096	EOPT LOC	
DESIG	DMAC	DESIG	
CODE	UN46D	CODE	
OPTION	M	OPTION	
ELEM IDENT		ELEM IDENT	

CKT	DESIG	FS/SYM	CKT
A		5/1	A

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SCSI NEW SHIP UNIT	DWG SIZE C2	ISSUE 1
AT&T	SD-3T004-01	C2

0 1 2 3 4 5 6 7 8 9

A
B
C
D
E
F
G
H

CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
<u>BATTERY SYMBOL</u>		<u>VOLTAGE RANGE</u>	

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SCSI NEW SHIP UNIT		DWG SIZE 6S	ISSUE 1
AT&T	SD-3T004-01	SHEET 01	

0 1 2 3 4 5 6 7 8 9

A
B
C
D
E
F
G
H

INFORMATION NOTES:

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

302.

FEATURE OR OPTION	PROVIDE		
	APP FIG.	APP OR WRG	QUANTITY
MAINSTORE, IO, SCSI-DFC UNIT ARRANGED FOR 8 POSITIONS OF 2 MEGABYTE (MB) OR 4 MEGABYTE (MB) OF MAINSTORE MEMORY (MSM), SCSI-DFC, DMACO, CHANNEL 11 & 12, EQUIPPED WITH 1ST 2MB (TN56) MEMORY PACK POS. 04-162, MEMORY CONTROLLER (UN618)	1	Y	1 PER CKT
WIRING FOR VLMM CAPABILITY	1	Z	1 PER CKT
1ST 4MB MAINSTORE MEMORY (TN2012) POS. 04-162	1	X OMIT Y	1 PER CKT
DIRECT MEMORY ACCESS 1 (UN460) POS. 04-096	3	W	1 PER CKT

303.

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

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SCSI NEW SHTP UNIT

DWG SIZE
6S

ISSUE
1

AT&T

SD-3T004-01

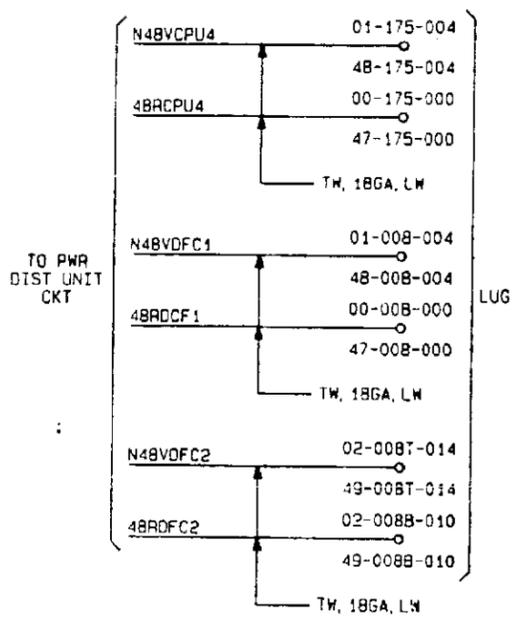
SHEET
02

INFORMATION NOTES:
304. UNIT ARRANGEMENTS

495FA	TN6B	TN69B	MC3T051A1 (UN294)	MC3T052A1 (TN2116)	UN9B	UN460	UN460 (NOTE 305)	UN9B	UN61B	TN56 Y OR TN2012 X							TN56 Y OR TN2012 X	495FA	
(PWRUC)	(DFCPWRC)	(DDSBS)	(HA1)	(HA2)	(DSCH)	(DMAC)	(DMAC)	(DSCH)	(MSC)	(MASA07)	(MASA06)	(MASA05)	(MASA04)	(MASA03)	(MASA02)	(MASA01)	(MASA00)	(PWRUB)	
PWR		DDSBS	HOST ADAPTER		DMAC0		DMAC1	DMAC0	MAIN STORE										PWR
1	2	1	1	2	4	4	5	4										8	
1					2	1	1	3	1	9	8	7	6	5	4	3	2	1	
0:6	024	030	036	044	080	098	096	104	112	120	126	132	138	144	150	156	162	178	

- ← FDESIG
- ← FS TITLE
- ← FS NO.
- ← SYMBOL NO.
- ← APP FIG.
- ← CP EGL

305. OPTIONAL APPARATUS (CIRCUIT PACKS) SUCH AS 2MB TN56, 4MB TN2012, DMAC 1 UN460 ARE PROVIDED ON SYSTEM DRAWINGS.
306. -48V PWR DIST. FOR 3B20D MODEL 3.



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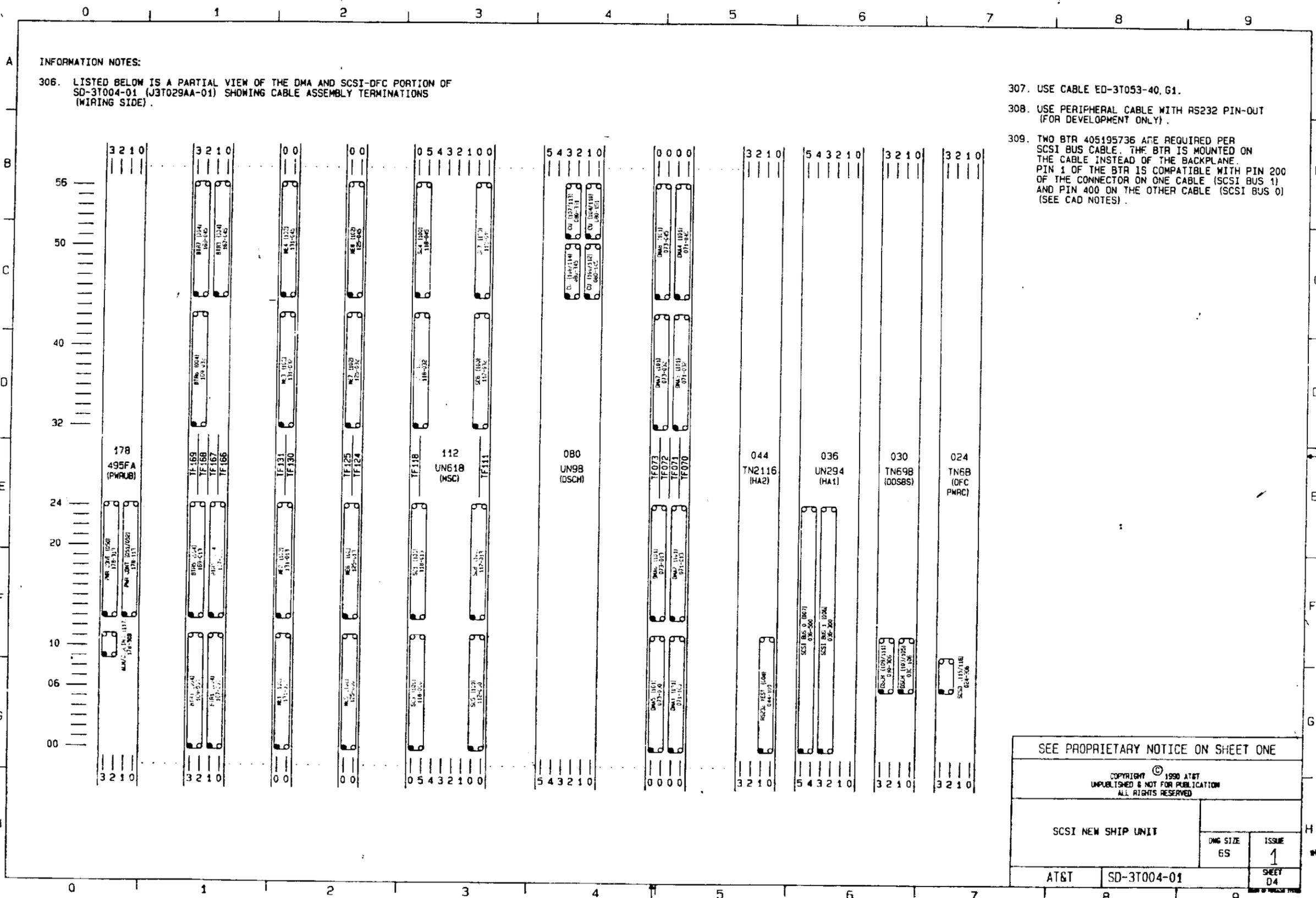
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SCSI NEW SHIP UNIT

DWG SIZE	ISSUE
6S	1

AT&T SD-3T004-01

SHEET 03



INFORMATION NOTES:

306. LISTED BELOW IS A PARTIAL VIEW OF THE DMA AND SCSI-DFC PORTION OF SD-3T004-01 (J3T029AA-01) SHOWING CABLE ASSEMBLY TERMINATIONS (WIRING SIDE).

- 307. USE CABLE ED-3T053-40, G1.
- 308. USE PERIPHERAL CABLE WITH RS232 PIN-OUT (FOR DEVELOPMENT ONLY).
- 309. TWO BTR 405195736 ARE REQUIRED PER SCSI BUS CABLE. THE BTR IS MOUNTED ON THE CABLE INSTEAD OF THE BACKPLANE. PIN 1 OF THE BTR IS COMPATIBLE WITH PIN 200 OF THE CONNECTOR ON ONE CABLE (SCSI BUS 1) AND PIN 400 ON THE OTHER CABLE (SCSI BUS 0) (SEE CAD NOTES).

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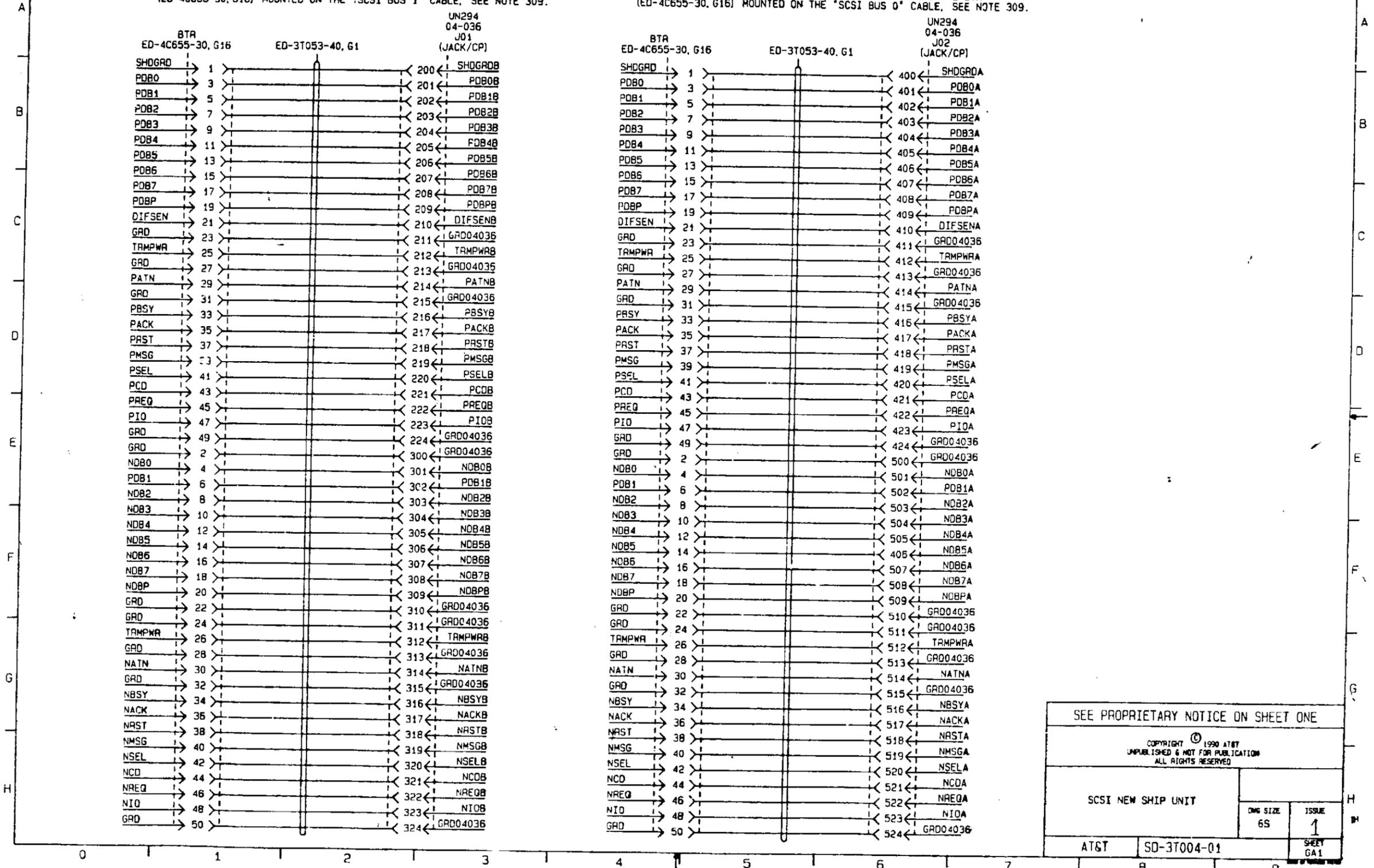
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SCSI NEW SHIP UNIT		DWG SIZE	ISSUE
		6S	1
AT&T	SD-3T004-01	SHEET 04	

NOTES:

2. THE FOLLOWING IS A GRAPHICAL REPRESENTATION SHOWING THE BTR (ED-4C655-30, G16) MOUNTED ON THE 'SCSI BUS 1' CABLE, SEE NOTE 309.

3. THE FOLLOWING IS A GRAPHICAL REPRESENTATION SHOWING THE BTR (ED-4C655-30, G16) MOUNTED ON THE 'SCSI BUS 0' CABLE, SEE NOTE 309.



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SCSI NEW SHIP UNIT

DWG SIZE 6S	ISSUE 1
AT&T	SD-3T004-01
SHEET GA1	

NOTES:

1. CAD REPRESENTS LEADS FROM BAYS 0&1 OF SD-4C127-01 FOR 3B200 MODEL 3 AS FOLLOWS:

CAD	UNIT EOL	CABINET EOL
050-052,117	04-178	(0,1)51-178
100	04-111	(0,1)51-111
100	04-112	(0,1)51-112
100	04-118	(0,1)51-118
101	04-070	(0,1)51-070
101	04-071	(0,1)51-071
101	04-072	(0,1)51-072
101	04-073	(0,1)51-073
102	04-124	(0,1)51-124
102	04-125	(0,1)51-125
102	04-130	(0,1)51-130
102	04-131	(0,1)51-131
103,109	04-030	051-030
104,106-108	04-080	051-080
105,111	04-030	151-030
110,112-114	04-080	151-080
115	04-024	051-024
116	04-024	151-024

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SCSI NEW SHIP UNIT		DWG SIZE C2
		ISSUE 1
AT&T	SD-3T004-01	GB1

CAD 1

UNIT SYMBOL

ELEMENT IDENTIFIER						ELEMENT IDENTIFIER (CONT)						ELEMENT IDENTIFIER (CONT)						ELEMENT IDENTIFIER (CONT)															
A						A						A						B															
STORE CONTROL						STORE CONTROL						STORE CONTROL						CC-DMA															
TERM.	MODIFIER	FUNC	ACCESS	FS	LOC	TERM.	MODIFIER	FUNC	ACCESS	FS	LOC	TERM.	MODIFIER	FUNC	ACCESS	FS	LOC	TERM.	MODIFIER	FUNC	ACCESS	FS	LOC	TERM.	MODIFIER	FUNC	ACCESS	FS	LOC				
			TERM.	TERM.	FS/SYM	NOTE			TERM.	TERM.	FS/SYM	NOTE			TERM.	TERM.	FS/SYM	NOTE			TERM.	TERM.	FS/SYM	NOTE			TERM.	TERM.	FS/SYM	NOTE			
CLRO	I		04-112-018	04-112-018	6/1		GRD04118		04-118-019				SD111	IO	04-112-053	04-088-315	4/1		C100090	O	04-071-009	04-088-203	4/1										
GRD04111			04-111-055				GRD04118		04-118-018				SD121	IO	04-112-001	04-088-316	4/1		C100100	O	04-071-015	04-088-212	4/1										
GRD04111			04-111-054				GRD04118		04-118-017				SD131	IO	04-112-003	04-088-317	4/1		C100110	O	04-071-016	04-088-203	4/1										
GRD04111			04-111-053				GRD04118		04-118-016				SD141	IO	04-112-005	04-088-318	4/1		C100120	O	04-071-011	04-088-204	4/1										
GRD04111			04-111-052				GRD04118		04-118-015				SD151	IO	04-112-007	04-088-319	4/1		C100130	O	04-071-017	04-088-004	4/1										
GRD04111			04-111-051				GRD04118		04-118-014				SD161	IO	04-112-008	04-088-320	4/1		C100140	O	04-071-018	04-088-005	4/1										
GRD04111			04-111-050				GRD04118		04-118-013				SD171	IO	04-112-050	04-088-321	4/1		C100150	O	04-071-013	04-088-205	4/1										
GRD04111			04-111-049				GRD04118		04-118-012				SD181	IO	04-112-052	04-088-322	4/1		C100160	O	04-073-006	04-088-406	4/1										
GRD04111			04-111-048				GRD04118		04-118-010				SD191	IO	04-112-054	04-088-323	4/1		C100170	O	04-073-007	04-088-206	4/1										
GRD04111			04-111-047				GRD04118		04-118-009				SD201	IO	04-112-002	04-088-214	4/1		C100180	O	04-073-009	04-088-407	4/1										
GRD04111			04-111-046				GRD04118		04-118-008				SD211	IO	04-112-004	04-088-215	4/1		C100190	O	04-073-008	04-088-408	4/1										
GRD04111			04-111-042				GRD04118		04-118-007				SD221	IO	04-112-006	04-088-216	4/1		C100200	O	04-073-011	04-088-207	4/1										
GRD04111			04-111-041				GRD04118		04-118-006				SD231	IO	04-112-008	04-088-217	4/1		C100210	O	04-073-010	04-088-409	4/1										
GRD04111			04-111-040				GRD04118		04-118-005				SD241	IO	04-112-048	04-088-218	4/1		C100220	O	04-073-014	04-088-410	4/1										
GRD04111			04-111-039				GRD04118		04-118-004				SD251	IO	04-112-050	04-088-219	4/1		C100230	O	04-073-013	04-088-208	4/1										
GRD04111			04-111-038				GRD04118		04-118-003				SD261	IO	04-112-052	04-088-220	4/1		C100240	O	04-073-015	04-088-006	4/1										
GRD04111			04-111-037				GRD04118		04-118-002				SD271	IO	04-112-054	04-088-221	4/1		C100250	O	04-073-016	04-088-209	4/1										
GRD04111			04-111-036				GRD04118		04-118-001				SD281	IO	04-112-002	04-088-222	4/1		C100260	O	04-073-017	04-088-007	4/1										
GRD04111			04-111-035				MYSERAO	O	04-112-542	04-112-542	6/1		SD291	IO	04-112-004	04-088-223	4/1		C100270	O	04-073-018	04-088-008	4/1										
GRD04111			04-111-034				MYSERBO	O	04-112-042	04-112-042	6/1		SD301	IO	04-112-006	04-088-114	4/1		C100280	O	04-073-019	04-088-210	4/1										
GRD04111			04-111-033				MYSERCO	D	04-112-055	04-112-055	6/1		SD311	IO	04-112-008	04-088-115	4/1		C100290	O	04-073-020	04-088-009	4/1										
GRD04111			04-111-023				MYSERDO	O	04-112-046	04-112-046	6/1		SD321	O	04-112-500	04-112-509	6/1		C100300	O	04-073-021	04-088-010	4/1										
GRD04111			04-111-022				PHRELR0	I	04-112-514	04-112-514	6/1		SD331	O	04-112-009	04-112-009	6/1		C100310	O	04-073-022	04-088-211	4/1										
GRD04111			04-111-021				SA001	O	04-112-533	04-088-445	4/1		SD341	O	04-112-510	04-112-510	6/1		C100320	O	04-071-001	04-088-400	4/1										
GRD04111			04-111-020				SA011	O	04-112-534	04-088-446	4/1		SD351	O	04-112-010	04-112-010	6/1		C100330	O	04-071-000	04-088-000	4/1										
GRD04111			04-111-019				SA021	O	04-112-535	04-088-447	4/1		SG00	I	04-112-014	04-112-014	6/1		C100340	O	04-073-024	04-088-411	4/1										
GRD04111			04-111-018				SA031	O	04-112-536	04-088-448	4/1		SHALFO	O	04-112-019	04-088-113	4/1		C100350	O	04-073-023	04-088-011	4/1										
GRD04111			04-111-017				SA041	O	04-112-537	04-088-449	4/1		SMAINT0	O	04-112-021	04-088-120	4/1		C100360	I	04-071-034	04-088-014	4/1										
GRD04111			04-111-016				SA051	O	04-112-538	04-088-450	4/1		WRT0	I	04-112-017	04-112-017	6/1		C100370	I	04-071-042	04-088-523	4/1										
GRD04111			04-111-015				SA061	O	04-112-539	04-088-451	4/1								C100380	I	04-071-041	04-088-522	4/1										
GRD04111			04-111-014				SA071	O	04-112-540	04-088-452	4/1								C100390	I	04-071-040	04-088-019	4/1										
GRD04111			04-111-010				SA081	O	04-112-033	04-088-453	4/1								C100400	I	04-073-032	04-088-022	4/1										
GRD04111			04-111-009				SA091	O	04-112-034	04-088-454	4/1								C100410	O	04-073-033	04-088-021	4/1										
GRD04111			04-111-008				SA101	O	04-112-035	04-088-455	4/1								C100420	I	04-071-037	04-088-017	4/1										
GRD04111			04-111-007				SA111	O	04-112-036	04-088-345	4/1								C100430	I	04-071-035	04-088-015	4/1										
GRD04111			04-111-006				SA121	O	04-112-037	04-088-346	4/1								C100440	I	04-071-039	04-088-520	4/1										
GRD04111			04-111-005				SA131	O	04-112-038	04-088-347	4/1								C100450	I	04-071-036	04-088-016	4/1										
GRD04111			04-111-004				SA141	O	04-112-039	04-088-348	4/1								C100460	I	04-071-032	04-088-519	4/1										
GRD04111			04-111-003				SA151	O	04-112-040	04-088-349	4/1								C100470	I	04-071-038	04-088-018	4/1										
GRD04111			04-111-002				SA161	O	04-112-515	04-088-350	4/1								C100480	I	04-071-033	04-088-013	4/1										
GRD04111			04-111-001				SA171	O	04-112-516	04-088-351	4/1								C100490	I	04-071-031	04-088-151	4/1										
GRD04118			04-118-055				SA181	O	04-112-517	04-088-352	4/1								C100500	I	04-071-030	04-088-150	4/1										

CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER (CONT)

ELEMENT IDENTIFIER (CONT)

A
B
C
D
E
F
G
H

B				
CC-DMA				
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM NOTE
GRD04070		04-070-051		
GRD04070		04-070-050		
GRD04070		04-070-049		
GRD04070		04-070-048		
GRD04070		04-070-047		
GRD04070		04-070-046		
GRD04070		04-070-045		
GRD04070		04-070-043		
GRD04070		04-070-042		
GRD04070		04-070-041		
GRD04070		04-070-040		
GRD04070		04-070-039		
GRD04070		04-070-038		
GRD04070		04-070-037		
GRD04070		04-070-036		
GRD04070		04-070-035		
GRD04070		04-070-034		
GRD04070		04-070-033		
GRD04070		04-070-032		
GRD04070		04-070-024		
GRD04070		04-070-023		
GRD04070		04-070-022		
GRD04070		04-070-021		
GRD04070		04-070-020		
GRD04070		04-070-019		
GRD04070		04-070-018		
GRD04070		04-070-017		
GRD04070		04-070-016		
GRD04070		04-070-015		
GRD04070		04-070-014		
GRD04070		04-070-013		
GRD04070		04-070-011		
GRD04070		04-070-010		
GRD04070		04-070-009		
GRD04070		04-070-008		
GRD04070		04-070-007		
GRD04070		04-070-006		
GRD04070		04-070-005		
GRD04070		04-070-004		
GRD04070		04-070-003		
GRD04070		04-070-002		
GRD04070		04-070-001		
GRD04070		04-070-000		
GRD04072		04-072-056		
GRD04072		04-072-055		
GRD04072		04-072-054		
GRD04072		04-072-053		
GRD04072		04-072-052		
GRD04072		04-072-051		
GRD04072		04-072-050		
GRD04072		04-072-049		
GRD04072		04-072-048		
GRD04072		04-072-047		
GRD04072		04-072-046		
GRD04072		04-072-045		
GRD04072		04-072-043		
GRD04072		04-072-042		
GRD04072		04-072-041		
GRD04072		04-072-040		
GRD04072		04-072-039		
GRD04072		04-072-038		
GRD04072		04-072-037		
GRD04072		04-072-036		
GRD04072		04-072-035		
GRD04072		04-072-034		

B				
CC-DMA				
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM NOTE
GRD04072		04-072-033		
GRD04072		04-072-032		
CRD04072		04-072-024		
GRD04072		04-072-023		
GRD04072		04-072-022		
GRD04072		04-072-021		
GRD04072		04-072-020		
GRD04072		04-072-019		
GRD04072		04-072-018		
GRD04072		04-072-017		
GRD04072		04-072-016		
GRD04072		04-072-015		
GRD04072		04-072-014		
GRD04072		04-072-013		
GRD04072		04-072-011		
GRD04072		04-072-010		
GRD04072		04-072-009		
GRD04072		04-072-008		
GRD04072		04-072-007		
GRD04072		04-072-006		
CRD04072		04-072-005		
GRD04072		04-072-004		
GRD04072		04-072-003		
CRD04072		04-072-002		
GRD04072		04-072-001		
GRD04072		04-072-000		
INT000	0	04-073-050	04-088-514	4/1
INT010	0	04-073-052	04-096-514	5/1
INT020	0	04-073-054	04-096-521	5/1
INT030	0	04-071-045	04-088-521	4/1
INT100	0	04-071-047	04-088-512	4/1
INT110	0	04-073-049	04-088-312	4/1
INT120	0	04-071-048	04-088-412	4/1
INT150	0	04-071-049	04-096-512	5/1
INT160	0	04-071-050	04-096-312	5/1
INT170	0	04-071-051	04-096-412	5/1
SA251	0	04-071-056	04-088-548	4/1
SER000	0	04-073-051	04-088-513	4/1
SER010	0	04-073-053	04-096-513	5/1
SFR020	0	04-073-055	04-096-518	5/1
SER030	0	04-071-046	04-088-518	4/1
VLM00	1	04-071-055	04-088-344	4/1

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SCSI NEW SHIP UNIT		DWG SIZE C2
		ISSUE 1
AT&T	SD-3T004-01	GB3

CAD 1
UNIT SYMBOL

ELEMENT IDENTIFIER C MEMORY EXTENSION						ELEMENT IDENTIFIER (CONT) C MEMORY EXTENSION						ELEMENT IDENTIFIER (CONT) C MEMORY EXTENSION						ELEMENT IDENTIFIER D DFC						
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	
ADPC00	0	04-125-042 04-125-021 04-125-016	04-112-203	6/1		EADP0	10	04-125-009	04-112-205	6/1		GRD04130		04-130-041					GRD04030	G	04-030-111	04-030-133	2/1	
ADPR00	0	04-131-014	04-112-207	6/1		GRD04124		04-124-056	04-112-205	6/1		GRD04130		04-130-040					GRD04030	G	04-030-311	04-030-133	2/1	
A0020	0	04-131-034	04-112-333	6/1		GRD04124		04-124-055				GRD04130		04-130-039					GRD04030	G	04-030-206	04-030-133	2/1	
A0021	0	04-131-035	04-112-334	6/1		GRD04124		04-124-054				GRD04130		04-130-038					GRD04030	G	04-030-006	04-030-133	2/1	
A0031	0	04-131-040	04-112-441	6/1		GRD04124		04-124-053				GRD04130		04-130-037					11CLK00N	0	04-030-207	04-030-207	2/1	
A0041	0	04-131-042	04-112-442	6/1		GRD04124		04-124-052				GRD04130		04-130-036					11CLK00P	0	04-030-306	04-030-306	2/1	
A0051	0	04-131-041	04-112-443	6/1		GRD04124		04-124-051				GRD04130		04-130-035					11CLK00N	0	04-030-007	04-030-007	2/1	
A0061	0	04-131-043	04-112-444	6/1		GRD04124		04-124-050				GRD04130		04-130-034					11CLK00P	0	04-030-106	04-030-106	2/1	
A0071	0	04-131-015	04-112-417	6/1		GRD04124		04-124-049				GRD04130		04-130-033					11DAH00N	10	04-030-210	04-030-210	2/1	
A0081	0	04-131-017	04-112-420	6/1		GRD04124		04-124-048				GRD04130		04-130-032					11DAH00P	10	04-030-309	04-030-309	2/1	
A0091	0	04-131-018	04-112-421	6/1		GRD04124		04-124-047				GRD04130		04-130-024					11DAH00N	10	04-030-010	04-030-010	2/1	
A0101	0	04-131-032	04-112-433	6/1		GRD04124		04-124-046				GRD04130		04-130-023					11DAH00P	10	04-030-109	04-030-109	2/1	
A0111	0	04-131-033	04-112-434	6/1		GRD04124		04-124-045				GRD04130		04-130-022					11DAL00N	10	04-030-209	04-030-209	2/1	
A0121	0	04-131-036	04-112-435	6/1		GRD04124		04-124-044				GRD04130		04-130-021					11DAL00P	10	04-030-308	04-030-308	2/1	
A0131	0	04-131-037	04-112-437	6/1		GRD04124		04-124-043				GRD04130		04-130-020					11DAL00N	10	04-030-009	04-030-009	2/1	
A0141	0	04-131-038	04-112-438	6/1		GRD04124		04-124-042				GRD04130		04-130-019					11DAL00P	10	04-030-108	04-030-108	2/1	
A0151	0	04-131-039	04-112-440	6/1		GRD04124		04-124-041				GRD04130		04-130-018					11REG00N	10	04-030-211	04-030-211	2/1	
A0161	0	04-131-016	04-112-423	6/1		GRD04124		04-124-040				GRD04130		04-130-017					11REG00P	10	04-030-310	04-030-310	2/1	
A0171	0	04-125-011	04-112-416	6/1		GRD04124		04-124-039				GRD04130		04-130-016					11REQ00N	10	04-030-011	04-030-011	2/1	
A0181	0	04-131-009	04-112-415	6/1		GRD04124		04-124-038				GRD04130		04-130-015					11REQ00P	10	04-030-110	04-030-110	2/1	
A0190	0	04-125-020	04-112-314	6/1		GRD04124		04-124-037				GRD04130		04-130-014					11XCK00N	1	04-030-208	04-030-208	2/1	
A0191	0	04-125-043	04-112-337	6/1		GRD04124		04-124-036				GRD04130		04-130-013					11XCK00P	1	04-030-307	04-030-307	2/1	
CLRM00	I	04-131-020	04-112-123	6/1		GRD04124		04-124-035				GRD04130		04-130-011					11XCK00N	1	04-030-008	04-030-008	2/1	
DH0000	0	04-125-017	04-162-014	6/2		GRD04124		04-124-034				GRD04130		04-130-010					11XCK00P	1	04-030-107	04-030-107	2/1	
DH0010	0	04-131-013	04-162-314	6/2		GRD04124		04-124-033				GRD04130		04-130-009										
DH0020	0	04-125-045	04-162-039	6/2		GRD04124		04-124-032				GRD04130		04-130-008										
DH0030	0	04-125-047	04-162-042	6/2		GRD04124		04-124-024				GRD04130		04-130-007										
DPA00	0	04-125-010	04-162-313	6/2		GRD04124		04-124-023				GRD04130		04-130-006										
DPX00	0	04-125-018	04-162-015	6/2		GRD04124		04-124-022				GRD04130		04-130-005										
DPY00	0	04-125-046	04-162-040	6/2		GRD04124		04-124-021				GRD04130		04-130-004										
DPZ00	0	04-125-048	04-162-043	6/2		GRD04124		04-124-020				GRD04130		04-130-003										
D0000	0	04-131-045	04-162-344	6/2		GRD04124		04-124-019				GRD04130		04-130-002										
D0010	0	04-131-047	04-162-347	6/2		GRD04124		04-124-018				GRD04130		04-130-001										
D0020	0	04-131-050	04-162-350	6/2		GRD04124		04-124-017				GRD04130		04-130-000										
D0030	0	04-131-053	04-162-353	6/2		GRD04124		04-124-016				READ01	0	04-125-022	04-112-324	6/1								
D0040	0	04-131-001	04-162-301	6/2		GRD04124		04-124-015				REF00	0	04-131-019	04-112-422	6/1								
D0050	0	04-131-004	04-162-304	6/2		GRD04124		04-124-014																
D0060	0	04-131-007	04-162-307	6/2		GRD04124		04-124-013				SELCEV00	0	04-131-024	04-162-116	6/2								
D0070	0	04-131-010	04-162-310	6/2		GRD04124		04-124-011				SELCDD00	0	04-131-022	04-162-118	6/2								
D0080	0	04-131-046	04-162-345	6/2		GRD04124		04-124-010				SELREV00	0	04-131-023	04-162-120	6/2								
D0090	0	04-131-048	04-162-348	6/2		GRD04124		04-124-009				SELRDD00	0	04-131-021	04-162-122	6/2								
D0100	0	04-131-051	04-162-351	6/2		GRD04124		04-124-008				SEL0080	0	04-125-035	04-112-134	6/1								
D0110	0	04-131-054	04-162-354	6/2		GRD04124		04-124-007				SEL0090	0	04-125-034	04-112-233	6/1								
D0120	0	04-131-002	04-162-302	6/2		GRD04124		04-124-006				SEL0100	0	04-125-037	04-112-136	6/1								
D0130	0	04-131-005	04-162-305	6/2		GRD04124		04-124-005				SEL0110	0	04-125-036	04-112-235	6/1								
D0140	0	04-131-008	04-162-308	6/2		GRD04124		04-124-004				SEL0120	0	04-125-039	04-112-138	6/1								
D0150	0	04-131-011	04-162-311	6/2		GRD04124		04-124-003				SEL0130	0	04-125-038	04-112-237	6/1								
D0160	0	04-125-049	04-162-045	6/2		GRD04124		04-124-002				SEL0140	0	04-125-040	04-112-140	6/1								
D0170	0	04-125-051	04-162-048	6/2		GRD04124		04-124-001				SEL0150	0	04-125-041	04-112-241	6/1								
D0180	0	04-125-053	04-162-051	6/2		GRD04130		04-124-000				SG001	0	04-125-033	04-112-112	6/1								
D0190	0	04-125-055	04-162-054	6/2		GRD04130		04-130-056				SG011	0	04-125-032	04-112-211	6/1								
D0200	0	04-125-002	04-162-002	6/2		GRD04130		04-130-055				SG021	0	04-125-024	04-112-114	6/1								
D0210	0	04-125-005	04-162-005	6/2		GRD04130		04-130-054				SG031	0	04-125-023	04-112-213	6/1								
D0220	0	04-125-008	04-162-008	6/2		GRD04130		04-130-053				WRT030	0	04-125-019	04-112-313	6/1								
D0230	0	04-125-014	04-162-011	6/2		GRD04130		04-130-052																
D0240	0	04-125-050	04-162-046	6/2		GRD04130		04-130-051																
D0250	0	04-125-052	04-162-049	6/2		GRD04130		04-130-050																
D0260	0	04-125-054	04-162-052	6/2		GRD04130		04-130-049																
D0270	0	04-125-056	04-162-055	6/2		GRD04130		04-130-048																
D0280	0	04-125-003	04-162-003	6/2		GRD04130		04-130-047																
D0290	0	04-125-006	04-162-006	6/2		GR																		

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UNIT SYMBOL

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ELEMENT IDENTIFIER E					
CONTROL UNIT					
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD04080	G	04-080-045	04-080-108	4/2	
GRD04080	G	04-080-350	04-080-108	4/2	
GRD04080	G	04-080-251	04-080-108	4/2	
GRD04080	G	04-080-150	04-080-108	4/2	
GRD04080	G	04-080-051	04-080-108	4/2	
GRD04080	G	04-080-356	04-080-108	4/2	
GRD04080	G	04-080-245	04-080-108	4/2	
GRD04080	G	04-080-156	04-080-108	4/2	
11CLK0N	O	04-080-052	04-080-108	4/2	
11CLK0P	O	04-080-151	04-080-151	4/2	
11CLK01N	O	04-080-046	04-080-046	4/2	
11CLK01P	O	04-080-145	04-080-145	4/2	
11CLK02N	O	04-080-252	04-080-252	4/2	
11CLK02P	O	04-080-351	04-080-351	4/2	
11CLK03N	O	04-080-246	04-080-246	4/2	
11CLK03P	O	04-080-345	04-080-345	4/2	
11DAH0N	IO	04-080-053	04-080-053	4/2	
11DAH0P	IO	04-080-154	04-080-154	4/2	
11DAH01N	IO	04-080-049	04-080-049	4/2	
11DAH01P	IO	04-080-148	04-080-148	4/2	
11DAH02N	IO	04-080-255	04-080-255	4/2	
11DAH02P	IO	04-080-354	04-080-354	4/2	
11DAH03N	IO	04-080-249	04-080-249	4/2	
11DAH03P	IO	04-080-348	04-080-348	4/2	
11DAL0N	IO	04-080-054	04-080-054	4/2	
11DAL0P	IO	04-080-153	04-080-153	4/2	
11DAL01N	IO	04-080-048	04-080-048	4/2	
11DAL01P	IO	04-080-147	04-080-147	4/2	
11DAL02N	IO	04-080-254	04-080-254	4/2	
11DAL02P	IO	04-080-353	04-080-353	4/2	
11DAL03N	IO	04-080-248	04-080-248	4/2	
11DAL03P	IO	04-080-347	04-080-347	4/2	
11REQ0N	IO	04-080-056	04-080-056	4/2	
11REQ0P	IO	04-080-155	04-080-155	4/2	
11REQ01N	IO	04-080-050	04-080-050	4/2	
11REQ01P	IO	04-080-149	04-080-149	4/2	
11REQ02N	IO	04-080-256	04-080-256	4/2	
11REQ02P	IO	04-080-355	04-080-355	4/2	
11REQ03N	IO	04-080-250	04-080-250	4/2	
11REQ03P	IO	04-080-349	04-080-349	4/2	
11XCK0N	I	04-080-053	04-080-053	4/2	
11XCK0P	I	04-080-152	04-080-152	4/2	
11XCK01N	I	04-080-047	04-080-047	4/2	
11XCK01P	I	04-080-146	04-080-146	4/2	
11XCK02N	I	04-080-253	04-080-253	4/2	
11XCK02P	I	04-080-352	04-080-352	4/2	
11XCK03N	I	04-080-247	04-080-247	4/2	
11XCK03P	I	04-080-346	04-080-346	4/2	

ELEMENT IDENTIFIER F					
POWER AND POWER CONTROL					
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
CCALMO	O	04-178-214	04-178-014	8/1	
CCALMO	O	04-178-014	04-178-014	8/1	
CCINTLB	O	04-178-213	04-178-112	8/1	
CCINTLC	O	04-178-013	04-178-012	8/1	
CCSTM	I	04-178-314	04-178-314	8/1	
CCSTM	I	04-178-114	04-178-314	8/1	
CCSTP	I	04-178-216	04-178-016	8/1	
CCSTP	I	04-178-016	04-178-016	8/1	
CPMD	O	04-096-413	04-104-511	4/3	
CPMG	I	04-178-221	04-178-221	8/1	
CPMG	I	04-178-021	04-178-221	8/1	
CPPD	O	04-096-313	04-104-020	4/3	
EPPG	I	04-178-220	04-178-220	8/1	
EPPG	I	04-178-020	04-178-220	8/1	
INITDO	IO	04-178-311	04-024-113	1/2	
MJ	IO	04-178-310	04-024-321	1/2	
MJR	IO	04-178-210	04-024-221	1/2	
N48DFC1	P	01-008-004	04-016-308	1/1	
N48DFC2	IO	02-008T-014	04-024-004	1/2	
N48VCPU4	P	01-175-004	04-178-308	8/1	
PA	IO	04-178-309	04-024-319	1/2	
PAR	IO	04-178-209	04-024-219	1/2	
STAZO	O	04-178-211	04-024-107	1/2	
48RCPU4	P	00-175-000	04-178-104	8/1	
48RDFC1	P	00-008-000	04-016-103	1/1	
48RDFC2	I	02-008B-010	04-024-103	1/2	

ELEMENT IDENTIFIER G					
CHANNEL 1					
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
C10AD000	I	04-096-506	04-088-506	4/1	
C10AD100	I	04-096-507	04-088-507	4/1	
C10AD200	I	04-096-508	04-088-508	4/1	
C10AD300	I	04-096-509	04-088-509	4/1	
C10AD400	I	04-096-510	04-088-510	4/1	
C10AD500	I	04-096-511	04-088-511	4/1	
C10AK000	O	04-096-500	04-088-500	4/1	
C10AK100	O	04-096-501	04-088-501	4/1	
C10AK200	I	04-096-502	04-088-502	4/1	
C10AK300	I	04-096-503	04-088-503	4/1	
C10AK400	O	04-096-504	04-088-504	4/1	
C10AK500	I	04-096-505	04-088-505	4/1	
C10ASH0	D	04-096-024	04-088-024	4/1	
C10CERO	O	04-096-023	04-088-023	4/1	
C10CLE0	I	04-096-524	04-088-524	4/1	
C10D000	D	04-096-401	04-088-401	4/1	
C10D010	D	04-096-200	04-088-200	4/1	
C10D020	D	04-096-402	04-088-402	4/1	
C10D030	O	04-096-403	04-088-403	4/1	
C10D040	D	04-096-201	04-088-201	4/1	
C10D050	O	04-096-404	04-088-404	4/1	
C10D060	D	04-096-405	04-088-405	4/1	
C10D070	D	04-096-202	04-088-202	4/1	
C10D080	D	04-096-001	04-088-001	4/1	
C10D090	D	04-096-203	04-088-203	4/1	
C10D100	D	04-096-002	04-088-212	4/1	
C10D110	D	04-096-003	04-088-003	4/1	

ELEMENT IDENTIFIER (CONT) G					
CHANNEL 1					
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
C10D120	D	04-096-204	04-088-204	4/1	
C10D130	D	04-096-004	04-088-004	4/1	
C10D140	D	04-096-005	04-088-005	4/1	
C10D150	O	04-096-205	04-088-205	4/1	
C10D160	O	04-096-406	04-088-406	4/1	
C10D170	O	04-096-206	04-088-206	4/1	
C10D180	O	04-096-407	04-088-407	4/1	
C10D190	O	04-096-408	04-088-408	4/1	
C10D200	D	04-096-207	04-088-207	4/1	
C10D210	D	04-096-409	04-088-409	4/1	
C10D220	O	04-096-410	04-088-410	4/1	
C10D230	O	04-096-208	04-088-208	4/1	
C10D240	D	04-096-006	04-088-006	4/1	
C10D250	D	04-096-209	04-088-209	4/1	
C10D260	O	04-096-007	04-088-007	4/1	
C10D270	D	04-096-008	04-088-008	4/1	
C10D280	D	04-096-210	04-088-210	4/1	
C10D290	D	04-096-009	04-088-009	4/1	
C10D300	D	04-096-010	04-088-010	4/1	
C10D310	O	04-096-211	04-088-211	4/1	
C10D320	O	04-096-400	04-088-400	4/1	
C10D330	D	04-096-003	04-088-000	4/1	
C10D340	D	04-096-411	04-088-411	4/1	
C10D350	D	04-096-011	04-088-011	4/1	
C10EACK0	I	04-096-014	04-088-014	4/1	
C10EAK0	I	04-096-523	04-088-523	4/1	
C10EOL0	I	04-096-522	04-088-522	4/1	
C10INHO	I	04-096-019	04-088-019	4/1	
C10IMRO	I	04-096-022	04-088-022	4/1	
C10ORDY0	O	04-096-021	04-088-021	4/1	
C10ORD0	I	04-096-017	04-088-017	4/1	
C10OR10	I	04-096-015	04-088-015	4/1	
C10ORSRO	I	04-096-520	04-088-520	4/1	
C10ORST0	I	04-096-016	04-088-016	4/1	
C10SAX0	I	04-096-519	04-088-519	4/1	
C10WCA0	I	04-096-018	04-088-018	4/1	
C10WDO	I	04-096-013	04-088-013	4/1	
GRD04095		04-095-023			
GRD04095		04-095-022			
GRD04095		04-095-021			
GRD04095		04-095-020			
GRD04095		04-095-019			
GRD04095		04-095-018			
GRD04095		04-095-017			
GRD04095		04-095-016			
GRD04095		04-095-015			
GRD04095		04-095-014			
GRD04095		04-095-010			
GRD04095		04-095-009			
GRD04095		04-095-008			
GRD04095		04-095-007			
GRD04095		04-095-006			
GRD04095		04-095-005			
GRD04095		04-095-004			
GRD04095		04-095-003			
GRD04095		04-095-002			
GRD04095		04-095-001			
GRD04096	G	04-096-310	04-096-136	5/1	
GRD04096	G	04-096-309	04-096-136	5/1	
GRD04096	G	04-096-308	04-096-136	5/1	
GRD04096	G	04-096-307	04-096-136	5/1	
GRD04096	G	04-096-306	04-096-136	5/1	
GRD04096	G	04-096-305	04-096-136	5/1	
GRD04096	G	04-096-304	04-096-136	5/1	
GRD04096	G	04-096-303	04-096-136	5/1	

ELEMENT IDENTIFIER (CONT) G					
CHANNEL 1					
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
GRD04096	G	04-096-302	04-096-136	5/1	
GRD04096	G	04-096-301	04-096-136	5/1	
GRD04096	G	04-096-110	04-096-136	5/1	
GRD04096	G	04-096-109	04-096-136	5/1	
GRD04096	G	04-096-108	04-096-136	5/1	
GRD04096	G	04-096-107	04-096-136	5/1	
GRD04096	G	04-096-106	04-096-136	5/1	
GRD04096	G	04-096-105	04-096-136	5/1	
GRD04096	G	04-096-104	04-096-136	5/1	
GRD04096	G	04-096-103	04-096-136	5/1	
GRD04096	G	04-096-102	04-096-136	5/1	
GRD04096	G	04-096-101	04-096-136	5/1	
GRD04102	G	04-102-023	04-024-146	1/2	
GRD04102	G	04-102-022	04-024-146	1/2	
GRD04102	G	04-102-021	04-024-146	1/2	
GRD04102	G	04-102-020	04-024-146	1/2	
GRD04102	G	04-102-019	04-024-146	1/2	
GRD04102	G	04-102-018	04-024-146	1/2	
GRD04102	G	04-102-017	04-024-146	1/2	
GRD04102	G	04-102-016	04-024-146	1/2	
GRD04102	G	04-102-015	04-024-146	1/2	

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UNIT SYMBOL

ELEMENT IDENTIFIER I						ELEMENT IDENTIFIER (CONT) I						ELEMENT IDENTIFIER J					
DMAC1-DIO BUS						DMAC1-DIO BUS						DMAC1-DIO BUS					
TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE	TERM. MODIFIER	FUNC	ACCESS TERM.	FS TERM.	LOC FS/SYM	NOTE
CER100	I	04-096-054	04-096-054	5/1		GRD04095		04-095-042				DINT100	I	04-024-046	04-024-046	1/2	
CER110	I	04-096-055	04-096-540	5/1		GRD04095		04-095-041				DMAR100	I	04-024-045	04-024-045	1/2	
CIOINH0	I	04-096-051	04-088-019	4/1		GRD04095		04-095-040				GRD04102	G	04-024-146	04-024-146	1/2	
DASH10	I	04-096-056	04-096-056	5/1		GRD04095		04-095-039				GRD04102	G	04-024-147	04-024-146	1/2	
DELE10	IO	04-096-536	04-096-536	5/1		GRD04095		04-095-038									
DOB001	IO	04-096-433	04-096-433	5/1		GRD04095		04-095-037									
DOB011	IO	04-096-232	04-096-232	5/1		GRD04095		04-095-036									
DOB021	IO	04-096-434	04-096-434	5/1		GRD04095		04-095-035									
DOB031	IO	04-096-435	04-096-435	5/1		GRD04095		04-095-034									
DOB041	IO	04-096-233	04-096-233	5/1		GRD04095		04-095-033									
DOB051	IO	04-096-436	04-096-436	5/1		GRD04096	G	04-096-342	04-096-136	5/1							
DOB061	IO	04-096-437	04-096-437	5/1		GRD04096	G	04-096-341	04-096-136	5/1							
DOB071	IO	04-096-234	04-096-234	5/1		GRD04096	G	04-096-340	04-096-136	5/1							
DOB081	IO	04-096-033	04-096-033	5/1		GRD04096	G	04-096-339	04-096-136	5/1							
DOB091	IO	04-096-235	04-096-235	5/1		GRD04096	G	04-096-338	04-096-136	5/1							
DOB101	IO	04-096-034	04-096-034	5/1		GRD04096	G	04-096-337	04-096-136	5/1							
DOB111	IO	04-096-035	04-096-035	5/1		GRD04096	G	04-096-336	04-096-136	5/1							
DOB121	IO	04-096-236	04-096-236	5/1		GRD04096	G	04-096-335	04-096-136	5/1							
DOB131	IO	04-096-036	04-096-036	5/1		GRD04096	G	04-096-334	04-096-136	5/1							
DOB141	IO	04-096-037	04-096-037	5/1		GRD04096	G	04-096-333	04-096-136	5/1							
DOB151	IO	04-096-237	04-096-237	5/1		GRD04096	G	04-096-142	04-096-136	5/1							
DOB161	IO	04-096-438	04-096-438	5/1		GRD04096	G	04-096-141	04-096-136	5/1							
DOB171	IO	04-096-238	04-096-238	5/1		GRD04096	G	04-096-140	04-096-136	5/1							
DOB181	IO	04-096-439	04-096-439	5/1		GRD04096	G	04-096-139	04-096-136	5/1							
DOB191	IO	04-096-440	04-096-440	5/1		GRD04096	G	04-096-138	04-096-136	5/1							
DOB201	IO	04-096-239	04-096-239	5/1		GRD04096	G	04-096-137	04-096-136	5/1							
DOB211	IO	04-096-441	04-096-441	5/1		GRD04096	G	04-096-136	04-096-136	5/1							
DOB221	IO	04-096-442	04-096-442	5/1		GRD04096	G	04-096-135	04-096-136	5/1							
DOB231	IO	04-096-240	04-096-240	5/1		GRD04096	G	04-096-134	04-096-136	5/1							
DOB241	IO	04-096-038	04-096-038	5/1		GRD04096	G	04-096-133	04-096-136	5/1							
DOB251	IO	04-096-241	04-096-241	5/1		GRD04102	G	04-102-055	04-024-146	1/2							
DOB261	IO	04-096-039	04-096-039	5/1		GRD04102	G	04-102-054	04-024-146	1/2							
DOB271	IO	04-096-040	04-096-040	5/1		GRD04102	G	04-102-053	04-024-146	1/2							
DOB281	IO	04-096-242	04-096-242	5/1		GRD04102	G	04-102-052	04-024-146	1/2							
DOB291	IO	04-096-041	04-096-041	5/1		GRD04102	G	04-102-051	04-024-146	1/2							
DOB301	IO	04-096-042	04-096-042	5/1		GRD04102	G	04-102-050	04-024-146	1/2							
DOB311	IO	04-096-243	04-096-243	5/1		GRD04102	G	04-102-049	04-024-146	1/2							
DOB321	IO	04-096-432	04-096-432	5/1		GRD04102	G	04-102-048	04-024-146	1/2							
DOB331	IO	04-096-032	04-096-032	5/1		GRD04102	G	04-102-047	04-024-146	1/2							
DOB341	IO	04-096-443	04-096-443	5/1		GRD04102	G	04-102-046	04-024-146	1/2							
DOB351	IO	04-096-043	04-096-043	5/1		GRD04102	G	04-102-042	04-024-146	1/2							
DIDLE10	IO	04-096-554	04-096-554	5/1		GRD04102	G	04-102-041	04-024-146	1/2							
DINT110	I	04-096-546	04-096-544	5/1		GRD04102	G	04-102-040	04-024-146	1/2							
DIDAD100	IO	04-096-542	04-096-542	5/1		GRD04102	G	04-102-039	04-024-146	1/2							
DIDAD110	O	04-096-541	04-096-543	5/1		GRD04102	G	04-102-038	04-024-146	1/2							
DIOAK100	I	04-096-536	04-096-536	5/1		GRD04102	G	04-102-037	04-024-146	1/2							
DIOAK110	I	04-096-537	04-096-537	5/1		GRD04102	G	04-102-036	04-024-146	1/2							
DMAR110	I	04-096-545	04-096-553	5/1		GRD04102	G	04-102-035	04-024-146	1/2							
DRDY10	I	04-096-053	04-096-053	5/1		GRD04102	G	04-102-034	04-024-146	1/2							
DRD10	IO	04-096-049	04-096-049	5/1		GRD04102	G	04-102-033	04-024-146	1/2							
DRINT10	IO	04-096-047	04-096-047	5/1													
DRSR10	IO	04-096-552	04-096-552	5/1													
DRST10	IO	04-096-048	04-096-048	5/1													
DWCA10	IO	04-096-050	04-096-050	5/1													
DWD10	IO	04-096-045	04-096-045	5/1													
GRD04095		04-095-055															
GRD04095		04-095-054															
GRD04095		04-095-053															
GRD04095		04-095-052															
GRD04095		04-095-051															
GRD04095		04-095-050															
GRD04095		04-095-049															
GRD04095		04-095-048															
GRD04095		04-095-047															
GRD04095		04-095-046															

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		ISSUE 1
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CAD 002 POWER AND GROUND LUGS										CAD 003 (CONT'D)										CAD 003 (CONT'D)										
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
.....LUG1										.....TF01										.....TF03										
TO PROC CONTROL 48RDFC1 FRAME CKT										TO PROC CONTROL 48RDFC1 FRAME CKT										TO PROC CONTROL 48RDFC1 FRAME CKT										
000	48RDFC1			04-016	CP		103			043	GRD04070				043	GRD04070				012	GRD04072									
.....LUG2										TO PROC CONTROL 48RDFC2 FRAME CKT										TO PROC CONTROL 48RDFC2 FRAME CKT										
004	N48DFC1			04-016	CP		308			044	GRD04070				044	GRD04070				013	GRD04072									
.....LUG3										TO PROC CONTROL 48RDFC2 FRAME CKT										TO PROC CONTROL 48RDFC2 FRAME CKT										
000	48RDFC1			04-016	CP		104			045	GRD04070				045	GRD04070				014	GRD04072									
.....LUG4										TO PROC CONTROL 48RDFC2 FRAME CKT										TO PROC CONTROL 48RDFC2 FRAME CKT										
004	N48VCPU4			04-178	CP		308			046	GRD04070				046	GRD04070				015	GRD04072									
.....LUG5										TO PROC CONTROL 48RDFC2 FRAME CKT										TO PROC CONTROL 48RDFC2 FRAME CKT										
010	48RDFC2			04-024	CP		103			047	GRD04070				047	GRD04070				016	GRD04072									
.....LUG6										TO PROC CONTROL 48RDFC2 FRAME CKT										TO PROC CONTROL 48RDFC2 FRAME CKT										
014	N48DFC2			04-024	CP		004			048	GRD04070				048	GRD04070				017	GRD04072									
CAD 003 TERMINAL FIELDS										TO PROC CONTROL 48RDFC2 FRAME CKT										TO PROC CONTROL 48RDFC2 FRAME CKT										
.....TF01										TO PROC CONTROL 48RDFC2 FRAME CKT										TO PROC CONTROL 48RDFC2 FRAME CKT										
000	GRD04070									000	C100330				000	C100330	04-088	CP		000	GRD04072									
001	GRD04070									001	C100320				001	C100320	04-088	CP		400	GRD04072									
002	GRD04070									002	C100010				002	C100010	04-088	CP		200	GRD04072									
003	GRD04070									003	C100040				003	C100040	04-088	CP		201	GRD04072									
004	GRD04070									004	C100000				004	C100000	04-088	CP		401	GRD04072									
005	GRD04070									005	C100020				005	C100020	04-088	CP		402	GRD04072									
006	GRD04070									006	C100030				006	C100030	04-088	CP		403	GRD04072									
007	GRD04070									007	C100070				007	C100070	04-088	CP		202	GRD04072									
008	GRD04070									008	C100050				008	C100050	04-088	CP		404	GRD04072									
009	GRD04070									009	C100090				009	C100090	04-088	CP		203	GRD04072									
010	GRD04070									010	C100060				010	C100060	04-088	CP		405	GRD04072									
011	GRD04070									011	C100120				011	C100120	04-088	CP		204	GRD04072									
012	GRD04070									012	C100150				012	C100150	04-088	CP		205	GRD04072									
013	GRD04070									013	C100080				013	C100080	04-088	CP		001	GRD04072									
014	GRD04070									014	C100100				014	C100100	04-088	CP		212	GRD04072									
015	GRD04070									015	C100110				015	C100110	04-088	CP		003	GRD04072									
016	GRD04070									016	C100130				016	C100130	04-088	CP		004	GRD04072									
017	GRD04070									017	C100140				017	C100140	04-088	CP		005	GRD04072									
018	GRD04070									018	C10AD000				018	C10AD000	04-088	CP		506	GRD04072									
019	GRD04070									019	C10AD100				019	C10AD100	04-088	CP		507	GRD04072									
020	GRD04070									020	C10AD200				020	C10AD200	04-088	CP		508	GRD04072									
021	GRD04070									021	C10AD300				021	C10AD300	04-088	CP		509	GRD04072									
022	GRD04070									022	C10AD400				022	C10AD400	04-088	CP		510	GRD04072									
023	GRD04070									023	C10AD500				023	C10AD500	04-088	CP		511	GRD04072									
024	GRD04070									024	C10SAKO				024	C10SAKO	04-088	CP		519	GRD04072									
025	GRD04070									025	C10MDO				025	C10MDO	04-088	CP		013	GRD04072									
026	GRD04070									026	C10EACKO				026	C10EACKO	04-088	CP		014	GRD04072									
027	GRD04070									027	C10RINO				027	C10RINO	04-088	CP		015	GRD04072									
028	GRD04070									028	C10RSTO				028	C10RSTO	04-088	CP		016	GRD04072									
029	GRD04070									029	C10RDO				029	C10RDO	04-088	CP		017	GRD04072									
030	GRD04070									030	C10WCAO				030	C10WCAO	04-088	CP		018	GRD04072									
031	GRD04070									031	C10RSRO				031	C10RSRO	04-088	CP		520	GRD04072									
032	GRD04070									032	C10INHO				032	C10INHO	04-088	CP		019	GRD04072									
033	GRD04070									033	C10IDL0				033	C10IDL0	04-088	CP		522	GRD04072									
034	GRD04070									034	C10IAKO				034	C10IAKO	04-088	CP		523	GRD04072									
035	GRD04070									035	C10CLE0				035	C10CLE0	04-088	CP		524	GRD04072									
036	GRD04070									036	INT030				036	INT030	04-088	CP		521	GRD04072									
037	GRD04070									037	SER030				037	SER030	04-088	CP		518	GRD04072									
038	GRD04070									038	INT100				038	INT100	04-088	CP		512	GRD04072									
039	GRD04070									039	INT120				039	INT120	04-088	CP		412	GRD04072									
040	GRD04070									040	INT150				040	INT150	04-096	CP		512	GRD04072									
041	GRD04070									041	INT160				041	INT160	04-096	CP		512	GRD04072									
042	GRD04070									042	INT170				042	INT170	04-096	CP		412	GRD04072									
.....TF02										TO PROC CONTROL VLMHO FRAME CKT										TO PROC CONTROL VLMHO FRAME CKT										
043	GRD04070									043	VLMHO				043	VLMHO	04-088	CP		344	GRD04072									
044	GRD04070									044	SAZ51				044	SAZ51	04-088	CP		548	GRD04072									
.....TF03										TO PROC CONTROL VLMHO FRAME CKT										TO PROC CONTROL VLMHO FRAME CKT										
045	GRD04070									045	GRD04072				045	GRD04072					012									

CAD 003 (CONT'D)										CAD 003 (CONT'D)										CAD 004 (CONT'D)									
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.....TF12									TF14									BTR2(B)									
TO PROC CONTROL D0040										GRD04166										GRD04166									
FRAME DKT D0120										044										019									
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CAD 004 (CONT'D)										CAD 004 (CONT'D)										CAD 007										
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
.....BTR5(A).....										.....BTR7(B).....										.....J02.....									
TO BTR	DPA00			013	DPA00	04-162	CP		313		GRD04168			050	GRD04168					TO CONNECTING	SHDGRDA	CA		400	SHDGRDA	04-036	CP	400		
	DH0000			014	DH0000	04-162	CP		014		GRD04168			051	GRD04168					CKT	PDB0A	CA		401	PDB0A	04-036	CP	401		
	DPX00			015	DPX00	04-162	CP		015		GRD04168			052	GRD04168						PDB1A	CA		402	PDB1A	04-036	CP	402		
	SELCEV00			016	SELCEV00	04-162	CP		116		GRD04168			053	GRD04168						PDB2A	CA		403	PDB2A	04-036	CP	403		
				017							GRD04168			054	GRD04168						PDB3A	CA		404	PDB3A	04-036	CP	404		
				018							GRD04168			055	GRD04168						PDB4A	CA		405	PDB4A	04-036	CP	405		
				019							GRD04168			056	PSVD	04-096	CP	324			PDB5A	CA		406	PDB5A	04-036	CP	406		
				020																	PDB6A	CA		407	PDB6A	04-036	CP	407		
TO BTR	SELRO000			022	SELRO000	04-162	CP		122												PDB7A	CA		408	PDB7A	04-036	CP	408		
				023																	PDBPA	CA		409	PDBPA	04-036	CP	409		
				024																	DIFSENA	CA		410	DIFSENA	04-036	CP	410		
.....BTR5(B).....										CAD 006										.....(NOTE 306).....									
TO BTR	PSVD			013	PSVD	04-096	CP		324	DFC 0 - SCSI BUS 1																				
	GRD04168			014	GRD04168					.....J01.....																			
	GRD04168			015	GRD04168					TO CONNECTING										SHDGRDB										
	GRD04168			016	GRD04168					CKT										PDB0B										
	GRD04168			017	GRD04168															PDB1B										
	GRD04168			018	GRD04168															PDB2B										
	GRD04168			019	GRD04168															PDB3B										
	GRD04168			020	GRD04168															PDB4B										
	GRD04168			021	GRD04168															PDB5B										
	GRD04168			022	GRD04168															PDB6B										
	GRD04168			023	GRD04168															PDB7B										
	PSVD			024	PSVD	04-096	CP		324											PDBPB										
.....BTR6(A).....										TO CONNECTION										FROM CONNECTION										
				032						.....J01.....										.....(NOTE 306).....									
				033						TO CONNECTING										SHDGRDB										
				034						CKT										PDB0B										
				035																PDB1B										
				036																PDB2B										
				037																PDB3B										
				038																PDB4B										
				039																PDB5B										
TO BTR	DH0020			039	DH0020	04-162	CP		039											PDB6B										
	DPY00			040	DPY00	04-162	CP		040											PDB7B										
				041																PDBPB										
TO BTR	DH0030			042	DH0030	04-162	CP		042											DIFSENB										
	DP200			043	DP200	04-162	CP		043											GRD04036										
.....BTR6(B).....										TO CONNECTION										FROM CONNECTION										
TO BTR	PSVD			032	PSVD	04-096	CP		324	.....J01.....										.....(NOTE 306).....									
	GRD04168			033	GRD04168					TO CONNECTING										SHDGRDB										
	GRD04168			034	GRD04168					CKT										PDB0B										
	GRD04168			035	GRD04168															PDB1B										
	GRD04168			036	GRD04168															PDB2B										
	GRD04168			037	GRD04168															PDB3B										
	GRD04168			038	GRD04168															PDB4B										
	GRD04168			039	GRD04168															PDB5B										
	GRD04168			040	GRD04168															PDB6B										
	GRD04168			041	GRD04168															PDB7B										
	GRD04168			042	GRD04168															PDBPB										
	PSVD			043	PSVD	04-096	CP		324											GRD04036										
.....BTR7(A).....										TO CONNECTION										FROM CONNECTION										
TO BTR	D0000			045	D0000	04-162	CP		344	.....J01.....										.....(NOTE 306).....									
	D0240			046	D0240	04-162	CP		046	TO CONNECTING										SHDGRDB										
	D0010			047	D0010	04-162	CP		047	CKT										PDB0B										
	D0090			048	D0090	04-162	CP		048											PDB1B										
	D0250			049	D0250	04-162	CP		049											PDB2B										
	D0020			050	D0020	04-162	CP		050											PDB3B										
	D0100			051	D0100	04-162	CP		051											PDB4B										
				052																PDB5B										
TO BTR	D0030			053	D0030	04-162	CP		053											PDB6B										
				054																PDB7B										
TO BTR	D0270			055	D0270	04-162	CP		055											PDBPB										
				056																GRD04036										
.....BTR7(B).....										TO CONNECTION										FROM CONNECTION										
TO BTR	PSVD			045	PSVD	04-096	CP		324	.....J01.....										.....(NOTE 306).....									
	GRD04168			046	GRD04168					TO CONNECTING										SHDGRDB										
	GRD04168			047	GRD04168					CKT										PDB0B										
	GRD04168			048	GRD04168															PDB1B										
	GRD04168			049	GRD04168															PDB2B										

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AT&T SD-3T004-01

DWG SIZE 12 ISSUE 1

GB11

PRINTED IN U.S.A.

CAD 008

DFC 0 - RS232 TEST INTERFACE

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....J03				04-044 JACK/CP (NOTE 307).....					
TO CONNECTING	GRD04044	CA	000	GRD04044	04-044	CP	110		
DKT	RDA	CA	001	RDA	04-044	CP	001		
	GRD04044	CA	002	GRD04044	04-044	CP	110		
	DTRA	CA	003	DTRA	04-044	CP	003		
	NC		004						
	NC		005						
	NC		006						
	NC		007						
TO CONNECTING	DTRB	CA	008	DTRB	04-044	CP	008		
DKT	GRD04044	CA	009	GRD04044	04-044	CP	110		
	RDB	CA	010	RDB	04-044	CP	010		
	GRD04044	CA	011	GRD04044	04-044	CP	110		
	TDA	CA	100	TDA	04-044	CP	100		
	GRD04044	CA	101	GRD04044	04-044	CP	110		
	DCDA	CA	102	DCDA	04-044	CP	102		
	GRD04044	CA	103	GRD04044	04-044	CP	110		
	NC		104						
	NC		105						
	NC		106						
	NC		107						
TO CONNECTING	GRD04044	CA	108	GRD04044	04-044	CP	110		
DKT	DCDB	CA	109	DCDB	04-044	CP	109		
	GRD04044	CA	110	GRD04044	04-044	CP	110		
	TDB	CA	111	TDB	04-044	CP	111		

CAD 051

PHR CONT. CABLE FOR 38200 MODEL 3

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....J05				04-178 JACK/CP (982AE, NOTE 1).....					
TO IOP BASIC	CCINTLC	CA78	013	CCINTLC	04-178	CP	012		
UNIT DKT	CCALMO	CA78	014	CCALMO	04-178	CP	014		
	SPARE	CA78	015						
	CCSTP	CA78	016	CCSTP	04-178	CP	016		
	SPARE	CA78	017						
	SPARE	CA78	018						
	SPARE	CA78	019						
	CPPG	CA78	020	CPPG	04-178	CP	220		
	CPMG	CA78	021	CPMG	04-178	CP	221		
	SPARE	CA78	022						
	SPARE	CA78	023						
	SPARE	CA78	024						
	SPARE	CA78	113						
	CCSTN	CA78	114	CCSTN	04-178	CP	314		
	SPARE	CA78	115						
	SPARE	CA78	116						
	SPARE	CA78	117						
	SPARE	CA78	118						
	SPARE	CA78	119						
	SPARE	CA78	120						
	SPARE	CA78	121						
	SPARE	CA78	122						
	SPARE	CA78	123						
	SPARE	CA78	124						

CAD 053

-48V PHR DIST. FOR 38200 MODEL 3

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....				01-008 (NOTE 313).....					
TO PHR DIST	N48DFC1	LW	004	N48DFC1	04-016	CP	308		
UNIT DKT									
.....				00-008 (NOTE 313).....					
TO PHR DIST	48RDFC1	LW	000	48RDFC1	04-016	CP	103		
UNIT DKT									
.....				02-008T (NOTE 313).....					
TO PHR DIST	N48DFC2	LW	014	N48DFC2	04-024	CP	004		
UNIT DKT									
.....				02-008B (NOTE 313).....					
TO PHR DIST	48RDFC2	LW	010	48RDFC2	04-024	CP	103		
UNIT DKT									
.....				01-175 (NOTE 313).....					
TO PHR DIST	N48VCPU4	LW	004	N48VCPU4	04-178	CP	308		
UNIT DKT									
.....				00-175 (NOTE 313).....					
TO PHR DIST	48RCPU4	LW	000	48RCPU4	04-178	CP	104		
UNIT DKT									

CAD 050

PHR CONT. CABLE FOR 38200 MODEL 3

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....J04				04-178 JACK/CP (982AE, NOTE 1).....					
TO CPU DKT	CCINTLB	CA77	213	CCINTLB	04-178	CP	112		
	CCALMO	CA77	214	CCALMO	04-178	CP	014		
	SPARE	CA77	215						
	CCSTP	CA77	216	CCSTP	04-178	CP	016		
	SPARE	CA77	217						
	SPARE	CA77	218						
	SPARE	CA77	219						
	CPPG	CA77	220	CPPG	04-178	CP	220		
	CPMG	CA77	221	CPMG	04-178	CP	221		
	SPARE	CA77	222						
	SPARE	CA77	223						
	SPARE	CA77	224						
	SPARE	CA77	313						
	CCSTN	CA77	314	CCSTN	04-178	CP	314		
	SPARE	CA77	315						
	SPARE	CA77	316						
	SPARE	CA77	317						
	SPARE	CA77	318						
	SPARE	CA77	319						
	SPARE	CA77	320						
	SPARE	CA77	321						
	SPARE	CA77	322						
	SPARE	CA77	323						
	SPARE	CA77	324						

CAD 052

PHR CONT. CABLE FOR 38200 MODEL 3

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....J06				04-178 JACK/CP (982AE, NOTE 1).....					
TO MS/IOP	CCINTLC	CA79	013	CCINTLC	04-178	CP	012		
GROWTH UNIT	CCALMO	CA79	014	CCALMO	04-178	CP	014		
DKT	SPARE	CA79	015						
	CCSTP	CA79	016	CCSTP	04-178	CP	016		
	SPARE	CA79	017						
	SPARE	CA79	018						
	SPARE	CA79	019						
	CPPG	CA79	020	CPPG	04-178	CP	220		
	CPMG	CA79	021	CPMG	04-178	CP	221		
	SPARE	CA79	022						
	SPARE	CA79	023						
	SPARE	CA79	024						
	SPARE	CA79	113						
	CCSTN	CA79	114	CCSTN	04-178	CP	314		
	SPARE	CA79	115						
	SPARE	CA79	116						
	SPARE	CA79	117						
	SPARE	CA79	118						
	SPARE	CA79	119						
	SPARE	CA79	120						
	SPARE	CA79	121						
	SPARE	CA79	122						
	SPARE	CA79	123						
	SPARE	CA79	124						

CAD 100

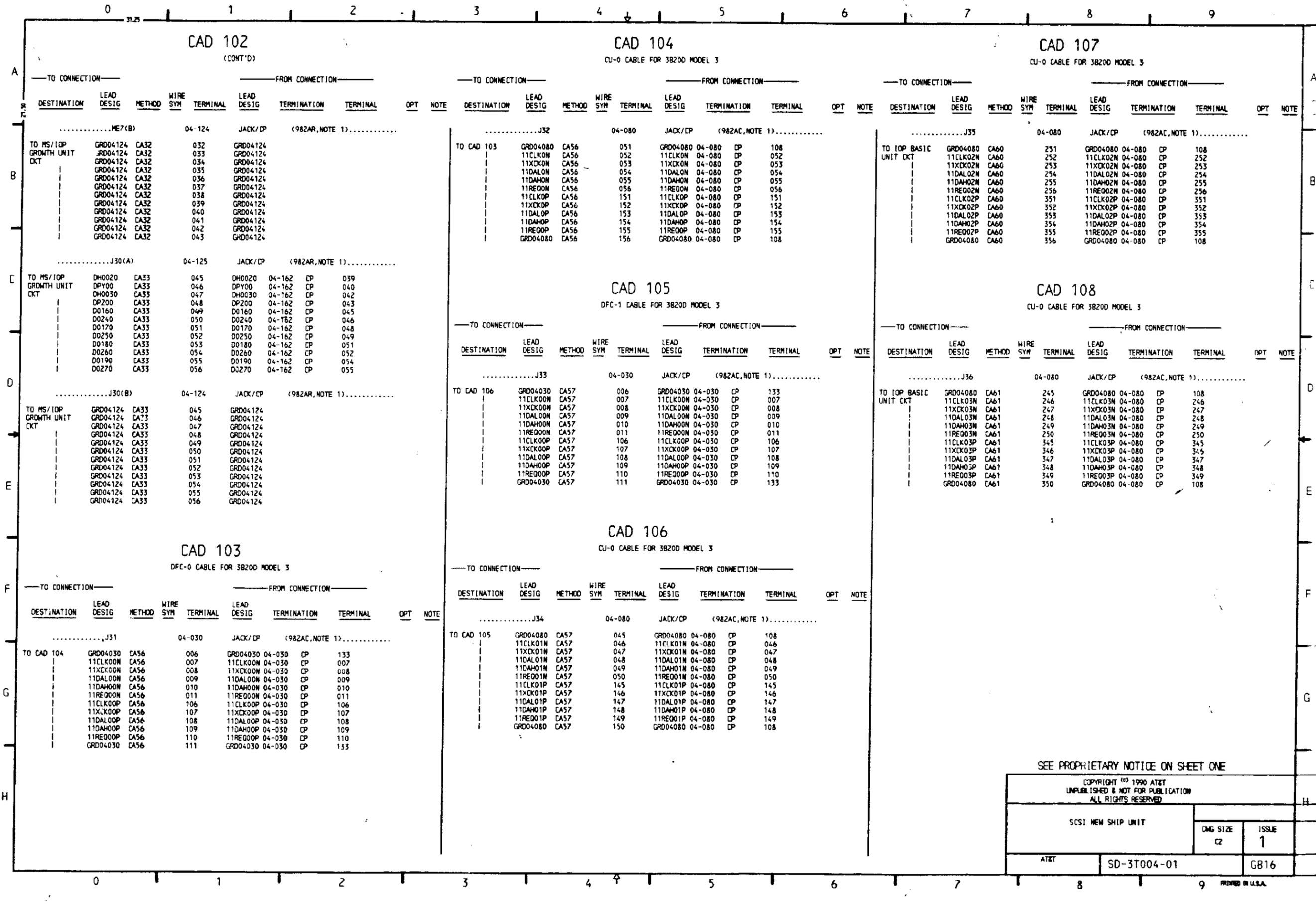
STORE CONTROL CABLES FOR 38200 MODEL 3

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....J07(A)				04-112 JACK/CP (982BA, NOTE 1).....					
TO CPU DKT	PHRCLR0	CA10	513	PHRCLR0	04-112	CP	514		
	SA161	CA10	514	SA161	04-088	CP	350		
	SA171	CA10	515	SA171	04-088	CP	351		
	SA181	CA10	516	SA181	04-088	CP	352		
	SA191	CA10	517	SA191	04-088	CP	353		
	SA201	CA10	518	SA201	04-088	CP	354		
	SA211	CA10	519	SA211	04-088	CP	355		
	SA221	CA10	520	SA221	04-088	CP	144		
	SA231	CA10	521	SA231	04-088	CP	145		
	SA341	CA10	522	SA341	04-088	CP	146		
			523						
			524						

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CAD 100 (CONT'D)										CAD 100 (CONT'D)										CAD 100 (CONT'D)										
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
.....J07(B).....										.....SC4(A).....										.....SC6(B).....									
TO CPU DKT										TO CPU DKT										TO CPU DKT										
GRD04118	CA10			013	GRD04118	(982BA,NOTE 1)				SD171	CA13			550	SD171	04-088	CP	321			GRD04111	CA15			041	GRD04111	(982AW,NOTE 1)			
GRD04118	CA10			014	GRD04118					SD021	CA13			551	SD021	04-088	CP	416			GRD04111	CA15			042	GRD04111				
GRD04118	CA10			016	GRD04118					SD181	CA13			552	SD181	04-088	CP	322			GRD04111	CA15			043	GRD04111				
GRD04118	CA10			017	GRD04118					SD031	CA13			553	SD031	04-088	CP	417												
GRD04118	CA10			018	GRD04118					SD191	CA13			554	SD191	04-088	CP	323												
GRD04118	CA10			019	GRD04118					SCR311	CA13			555	SPARE															
GRD04118	CA10			020	GRD04118									556																
GRD04118	CA10			021	GRD04118																									
GRD04118	CA10			022	GRD04118																									
GRD04118	CA10			023	GRD04118																									
GRD04118	CA10			024	GRD04118																									
.....SE2(A).....										.....SC4(B).....										.....SC7(A).....									
TO CPU DKT										TO CPU DKT										TO CPU DKT										
SA001	CA11			532	SA001	04-088	CP	445		GRD04118	CA13			045	GRD04118	(982BB,NOTE 1)				MYSERD0	CA16			045	MYSERD0	04-112	CP	046		
SA011	CA11			533	SA011	04-088	CP	446		GRD04118	CA13			046	GRD04118					SD081	CA16			046	SD081	04-088	CP	422		
SA021	CA11			534	SA021	04-088	CP	447		GRD04118	CA13			047	GRD04118					SD241	CA16			048	SD241	04-088	CP	218		
SA031	CA11			535	SA031	04-088	CP	448		GRD04118	CA13			048	GRD04118					SD091	CA16			049	SD091	04-088	CP	423		
SA041	CA11			536	SA041	04-088	CP	449		GRD04118	CA13			049	GRD04118					SD251	CA16			050	SD251	04-088	CP	219		
SA051	CA11			537	SA051	04-088	CP	450		GRD04118	CA13			050	GRD04118					SD101	CA16			051	SD101	04-088	CP	314		
SA061	CA11			538	SA061	04-088	CP	451		GRD04118	CA13			051	GRD04118					SD261	CA16			052	SD261	04-088	CP	220		
SA071	CA11			539	SA071	04-088	CP	452		GRD04118	CA13			052	GRD04118					SD111	CA16			053	SD111	04-088	CP	315		
SA071	CA11			540	SA071	04-088	CP	452		GRD04118	CA13			053	GRD04118					SD271	CA16			054	SD271	04-088	CP	221		
SA321	CA11			541	SA321	04-088	CP	148		GRD04118	CA13			054	GRD04118					MYSERCO	CA16			055	MYSERCO	04-112	CP	055		
MYSERAO	CA11			542	MYSERAO	04-112	CP	542		GRD04118	CA13			055	GRD04118									056						
				543										056																
.....SC2(B).....										.....SC5(A).....										.....SC7(B).....									
TO CPU DKT										TO CPU DKT										TO CPU DKT										
GRD04118	CA11			032	GRD04118	(982BA,NOTE 1)				SD121	CA14			000	SD121	04-088	CP	316			GRD04111	CA16			045	GRD04111	(982AY,NOTE 1)			
GRD04118	CA11			033	GRD04118					SD281	CA14			001	SD281	04-088	CP	222			GRD04111	CA16			046	GRD04111				
GRD04118	CA11			034	GRD04118					SD131	CA14			002	SD131	04-088	CP	317			GRD04111	CA16			047	GRD04111				
GRD04118	CA11			035	GRD04118					SD291	CA14			003	SD291	04-088	CP	223			GRD04111	CA16			048	GRD04111				
GRD04118	CA11			036	GRD04118					SD141	CA14			004	SD141	04-088	CP	223			GRD04111	CA16			049	GRD04111				
GRD04118	CA11			037	GRD04118					SD301	CA14			005	SD301	04-088	CP	318			GRD04111	CA16			050	GRD04111				
GRD04118	CA11			038	GRD04118					SD151	CA14			006	SD151	04-088	CP	114			GRD04111	CA16			051	GRD04111				
GRD04118	CA11			039	GRD04118					SD311	CA14			007	SD311	04-088	CP	319			GRD04111	CA16			052	GRD04111				
GRD04118	CA11			040	GRD04118					SD331	CA14			008	SD331	04-088	CP	115			GRD04111	CA16			053	GRD04111				
GRD04118	CA11			041	GRD04118					SD351	CA14			009	SD351	04-112	CP	009			GRD04111	CA16			054	GRD04111				
GRD04118	CA11			042	GRD04118									010				010			GRD04111	CA16			055	GRD04111				
GRD04118	CA11			043	GRD04118									011				011			GRD04111	CA16			056	GRD04111				
.....SC3(A).....										.....SC5(B).....										.....SC8(A).....									
TO CPU DKT										TO CPU DKT										TO CPU DKT										
SD041	CA12			500	SD041	04-088	CP	418		GRD04111	CA14			000	GRD04111	(982AW,NOTE 1)				SG00	CA17			013	SG00	04-112	CP	014		
SD201	CA12			501	SD201	04-088	CP	214		GRD04111	CA14			001	GRD04111					SA241	CA17			015	SA241	04-088	CP	547		
SD051	CA12			502	SD051	04-088	CP	419		GRD04111	CA14			002	GRD04111					SCM0	CA17			016	SCM0	04-112	CP	016		
SD211	CA12			503	SD211	04-088	CP	215		GRD04111	CA14			003	GRD04111					WRT0	CA17			017	WRT0	04-112	CP	017		
SD061	CA12			504	SD061	04-088	CP	420		GRD04111	CA14			004	GRD04111					CLR0	CA17			018	CLR0	04-112	CP	018		
SD221	CA12			505	SD221	04-088	CP	216		GRD04111	CA14			005	GRD04111					SHALFO	CA17			019	SHALFO	04-088	CP	113		
SD071	CA12			506	SD071	04-088	CP	421		GRD04111	CA14			006	GRD04111					SBYTE0	CA17			020	SBYTE0	04-088	CP	213		
SD231	CA12			507	SD231	04-088	CP	217		GRD04111	CA14			007	GRD04111					SMAINT0	CA17			021	SMAINT0	04-088	CP	120		
SD321	CA12			508	SD321	04-088	CP	509		GRD04111	CA14			008	GRD04111					SCOMP0	CA17			022	SCOMP0	04-088	CP	154		
SD341	CA12			509	SD341	04-112	CP	510		GRD04111	CA14			009	GRD04111					SA351	CA17			023	SA351	04-088	CP	052		
				510						GRD04111	CA14			010	GRD04111									024						
				511										011																
.....SC3(B).....										.....SC6(A).....										.....SC8(B).....									
TO CPU DKT										TO CPU DKT										TO CPU DKT										
GRD04118	CA12			050	GRD04118	(982BA,NOTE 1)				SA081	CA15			032	SA081	04-088	CP	453			GRD04111	CA17			013	GRD04111	(982AW,NOTE 1)			
GRD04118	CA12			051	GRD04118					SA091	CA15			033	SA091	04-088	CP	454			GRD04111	CA17			014	GRD04111				
GRD04118	CA12			052	GRD04118					SA101	CA15			034	SA101	04-088	CP	455			GRD04111	CA17			015	GRD04111				
GRD04118	CA12			053	GRD04118					SA111	CA15			035	SA111	04-088	CP	345			GRD04111	CA17			016	GRD04111				
GRD04118	CA12			054	GRD04118					SA121	CA15			036	SA121	04-088	CP	346			GRD04111	CA17			017	GRD04111				
GRD04118	CA12			055	GRD04118					SA131	CA15			037	SA131	04-088	CP	347			GRD04111	CA17			018	GRD04111				
GRD04118	CA12			056	GRD04118					SA141	CA15			038	SA141	04-088	CP	348			GRD04111	CA17			019	GRD04111				
GRD04118	CA12			057	GRD04118					SA151	CA15			039	SA151	04-088	CP	349			GRD04111	CA17			020	GRD04111				
GRD04118	CA12			058	GRD04118					SA331	CA15			040	SA331	04-088	CP	147			GRD04111	CA17			021	GRD041				



CAD 102
(CONT'D)

CAD 104
CU-0 CABLE FOR 38200 MODEL 3

CAD 107
CU-0 CABLE FOR 38200 MODEL 3

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	OPT NOTE
.....ME7(B)				04-124	JACK/CP	(982AR,NOTE 1)	
TO MS/LOP GROWTH UNIT CKT	GRD04124 CA32		032	GRD04124			
	GRD04124 CA32		033	GRD04124			
	GRD04124 CA32		034	GRD04124			
	GRD04124 CA32		035	GRD04124			
	GRD04124 CA32		036	GRD04124			
	GRD04124 CA32		037	GRD04124			
	GRD04124 CA32		038	GRD04124			
	GRD04124 CA32		039	GRD04124			
	GRD04124 CA32		040	GRD04124			
	GRD04124 CA32		041	GRD04124			
	GRD04124 CA32		042	GRD04124			
	GRD04124 CA32		043	GRD04124			
.....J30(A)				04-125	JACK/CP	(982AR,NOTE 1)	
TO MS/LOP GROWTH UNIT CKT	DH0020 CA33		045	DH0020	04-162	CP	039
	DPY00 CA33		046	DPY00	04-162	CP	040
	DH0030 CA33		047	DH0030	04-162	CP	042
	DP200 CA33		048	DP200	04-162	CP	043
	D0160 CA33		049	D0160	04-162	CP	045
	D0240 CA33		050	D0240	04-162	CP	046
	D0170 CA33		051	D0170	04-162	CP	048
	D0250 CA33		052	D0250	04-162	CP	049
	D0180 CA33		053	D0180	04-162	CP	051
	D0260 CA33		054	D0260	04-162	CP	052
	D0190 CA33		055	D0190	04-162	CP	054
	D0270 CA33		056	D0270	04-162	CP	055
.....J30(B)				04-124	JACK/CP	(982AR,NOTE 1)	
TO MS/LOP GROWTH UNIT CKT	GRD04124 CA33		045	GRD04124			
	GRD04124 CA33		046	GRD04124			
	GRD04124 CA33		047	GRD04124			
	GRD04124 CA33		048	GRD04124			
	GRD04124 CA33		049	GRD04124			
	GRD04124 CA33		050	GRD04124			
	GRD04124 CA33		051	GRD04124			
	GRD04124 CA33		052	GRD04124			
	GRD04124 CA33		053	GRD04124			
	GRD04124 CA33		054	GRD04124			
	GRD04124 CA33		055	GRD04124			
	GRD04124 CA33		056	GRD04124			

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	OPT NOTE
.....J32				04-080	JACK/CP	(982AC,NOTE 1)	
TO CAD 103	GRD04080 CA56		051	GRD04080	04-080	CP	108
	11CLK0N CA56		052	11CLK0N	04-080	CP	052
	11XCK0N CA56		053	11XCK0N	04-080	CP	053
	11DAL0N CA56		054	11DAL0N	04-080	CP	054
	11DAH0N CA56		055	11DAH0N	04-080	CP	055
	11REQ0N CA56		056	11REQ0N	04-080	CP	056
	11CLK0P CA56		151	11CLK0P	04-080	CP	151
	11XCK0P CA56		152	11XCK0P	04-080	CP	152
	11DAL0P CA56		153	11DAL0P	04-080	CP	153
	11DAH0P CA56		154	11DAH0P	04-080	CP	154
	11REQ0P CA56		155	11REQ0P	04-080	CP	155
	GRD04080 CA56		156	GRD04080	04-080	CP	108

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	OPT NOTE
.....J35				04-080	JACK/CP	(982AC,NOTE 1)	
TO TOP BASIC UNIT CKT	GRD04080 CA60		251	GRD04080	04-080	CP	108
	11CLK02N CA60		252	11CLK02N	04-080	CP	252
	11XCK02N CA60		253	11XCK02N	04-080	CP	253
	11DAL02N CA60		254	11DAL02N	04-080	CP	254
	11DAH02N CA60		255	11DAH02N	04-080	CP	255
	11REQ02N CA60		256	11REQ02N	04-080	CP	256
	11CLK02P CA60		351	11CLK02P	04-080	CP	351
	11XCK02P CA60		352	11XCK02P	04-080	CP	352
	11DAL02P CA60		353	11DAL02P	04-080	CP	353
	11DAH02P CA60		354	11DAH02P	04-080	CP	354
	11REQ02P CA60		355	11REQ02P	04-080	CP	355
	GRD04080 CA60		356	GRD04080	04-080	CP	108

CAD 105
DFC-1 CABLE FOR 38200 MODEL 3

CAD 108
CU-0 CABLE FOR 38200 MODEL 3

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	OPT NOTE
.....J33				04-030	JACK/CP	(982AC,NOTE 1)	
TO CAD 106	GRD04030 CA57		006	GRD04030	04-030	CP	133
	11CLK00N CA57		007	11CLK00N	04-030	CP	007
	11XCK00N CA57		008	11XCK00N	04-030	CP	008
	11DAL00N CA57		009	11DAL00N	04-030	CP	009
	11DAH00N CA57		010	11DAH00N	04-030	CP	010
	11REQ00N CA57		011	11REQ00N	04-030	CP	011
	11CLK00P CA57		106	11CLK00P	04-030	CP	106
	11XCK00P CA57		107	11XCK00P	04-030	CP	107
	11DAL00P CA57		108	11DAL00P	04-030	CP	108
	11DAH00P CA57		109	11DAH00P	04-030	CP	109
	11REQ00P CA57		110	11REQ00P	04-030	CP	110
	GRD04030 CA57		111	GRD04030	04-030	CP	133

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	OPT NOTE
.....J36				04-080	JACK/CP	(982AC,NOTE 1)	
TO TOP BASIC UNIT CKT	GRD04080 CA61		245	GRD04080	04-080	CP	108
	11CLK03N CA61		246	11CLK03N	04-080	CP	246
	11XCK03N CA61		247	11XCK03N	04-080	CP	247
	11DAL03N CA61		248	11DAL03N	04-080	CP	248
	11DAH03N CA61		249	11DAH03N	04-080	CP	249
	11REQ03N CA61		250	11REQ03N	04-080	CP	250
	11CLK03P CA61		345	11CLK03P	04-080	CP	345
	11XCK03P CA61		346	11XCK03P	04-080	CP	346
	11DAL03P CA61		347	11DAL03P	04-080	CP	347
	11DAH03P CA61		348	11DAH03P	04-080	CP	348
	11REQ03P CA61		349	11REQ03P	04-080	CP	349
	GRD04080 CA61		350	GRD04080	04-080	CP	108

CAD 103
DFC-0 CABLE FOR 38200 MODEL 3

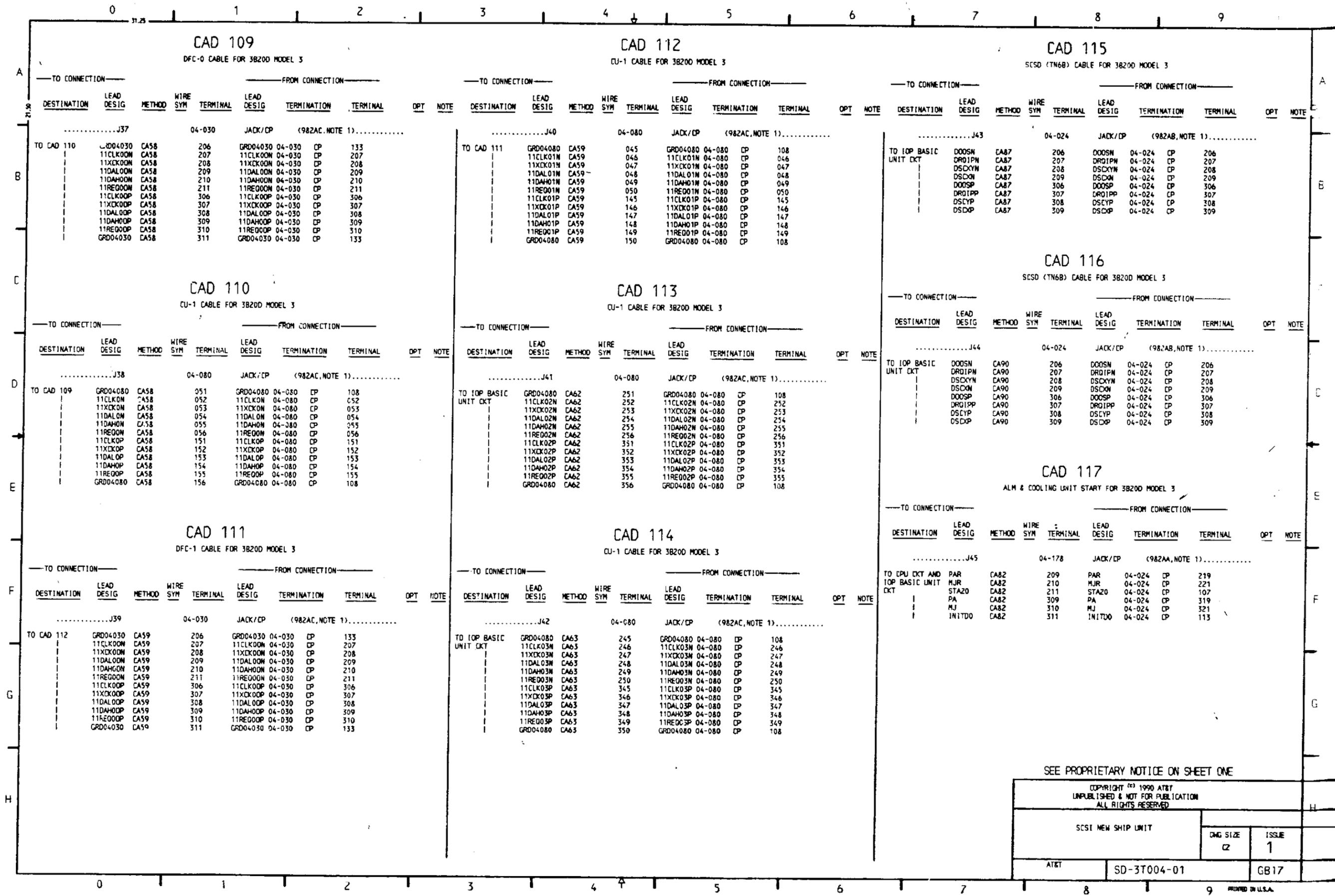
CAD 106
CU-0 CABLE FOR 38200 MODEL 3

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	OPT NOTE
.....J31				04-030	JACK/CP	(982AC,NOTE 1)	
TO CAD 104	GRD04030 CA56		006	GRD04030	04-030	CP	133
	11CLK00N CA56		007	11CLK00N	04-030	CP	007
	11XCK00N CA56		008	11XCK00N	04-030	CP	008
	11DAL00N CA56		009	11DAL00N	04-030	CP	009
	11DAH00N CA56		010	11DAH00N	04-030	CP	010
	11REQ00N CA56		011	11REQ00N	04-030	CP	011
	11CLK00P CA56		106	11CLK00P	04-030	CP	106
	11XCK00P CA56		107	11XCK00P	04-030	CP	107
	11DAL00P CA56		108	11DAL00P	04-030	CP	108
	11DAH00P CA56		109	11DAH00P	04-030	CP	109
	11REQ00P CA56		110	11REQ00P	04-030	CP	110
	GRD04030 CA56		111	GRD04030	04-030	CP	133

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	OPT NOTE
.....J34				04-080	JACK/CP	(982AC,NOTE 1)	
TO CAD 105	GRD04080 CA57		045	GRD04080	04-080	CP	108
	11CLK01N CA57		046	11CLK01N	04-080	CP	046
	11XCK01N CA57		047	11XCK01N	04-080	CP	047
	11DAL01N CA57		048	11DAL01N	04-080	CP	048
	11DAH01N CA57		049	11DAH01N	04-080	CP	049
	11REQ01N CA57		050	11REQ01N	04-080	CP	050
	11CLK01P CA57		145	11CLK01P	04-080	CP	145
	11XCK01P CA57		146	11XCK01P	04-080	CP	146
	11DAL01P CA57		147	11DAL01P	04-080	CP	147
	11DAH01P CA57		148	11DAH01P	04-080	CP	148
	11REQ01P CA57		149	11REQ01P	04-080	CP	149
	GRD04080 CA57		150	GRD04080	04-080	CP	108

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CAD 109
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CAD 112
CU-1 CABLE FOR 38200 MODEL 3

CAD 115
SESD (TN68) CABLE FOR 38200 MODEL 3

CAD 110
CU-1 CABLE FOR 38200 MODEL 3

CAD 113
CU-1 CABLE FOR 38200 MODEL 3

CAD 116
SESD (TN68) CABLE FOR 38200 MODEL 3

CAD 111
DFC-1 CABLE FOR 38200 MODEL 3

CAD 114
CU-1 CABLE FOR 38200 MODEL 3

CAD 117
ALM & COOLING UNIT START FOR 38200 MODEL 3

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