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7AC	APP 6AC	4-17-86		

SUPPORTING INFORMATION		Copyright © 1986 AT&T All Rights Reserved	
CATEGORY	NO.		
EQUIPMENT DRAWING	J1C161BB J1C161BC		
CIRCUIT PACK SCHEMATIC	CPS-#		
* SCHEMATICS OF ALL TN & UN CODED CIRCUIT PACKS ARE SHOWN ON DRAWINGS NUMBERED IHT: A CPS- PREFIX FOLLOWED BY THE CODE OF THE PACK - EXAMPLE: CPS-TN9		PROVISIONAL	
		DWG SIZE 6S	ISSUE 7AC
AT&T INFORMATION SYSTEMS INC.		SD-4C115-01	SHEET AT OF 79

DESIGNATION MNEMONICS INDEX

MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION
ALRM0	4/3	PC COMMUNITY POWER ALARM	CSA110	2/6	CONTROL SIGNAL ACKNOWLEDGE	DMAD281	1/8	DIRECT MEMORY ACCESS DATA PARITY BIT	ER0	2/1	EIA RETURN
BDA(0-3)	3/5	RETS WR1 BOARD ENABLE	CSA120	2/7	CONTROL SIGNAL ACKNOWLEDGE	DMAD3(0-7)1	1/8	DIRECT MEMORY ACCESS DATA BIT	ER000	2/1	ERROR REQUEST
BD1SELA0	1/5	BOARD 1 SELECT	CSA130	2/8	CONTROL SIGNAL ACKNOWLEDGE	DMAD381	1/8	DIRECT MEMORY ACCESS DATA PARITY BIT	ER010	2/2	ERROR REQUEST
BD2SELA0	1/5	BOARD 2 SELECT A	CSA200	2/9	CONTROL SIGNAL ACKNOWLEDGE	DMAD5(0-7)1	1/7	DIRECT MEMORY ACCESS DATA BIT	ER020	2/3	ERROR REQUEST
BD2SELB0	1/3	BOARD 2 SELECT B	CSA210	2/10	CONTROL SIGNAL ACKNOWLEDGE	DMAD581	1/7	DIRECT MEMORY ACCESS DATA PARITY BIT	ER030	2/4	ERROR REQUEST
BD(1-3)SELO	3/6	PROM BOARD SELECT ENABLE	CSA220	2/11	CONTROL SIGNAL ACKNOWLEDGE	DMAD6(0-7)1	1/7	DIRECT MEMORY ACCESS DATA BIT	ER1	2/5	EIA RETURN
BICERR0	1/2	BIC ERROR	CSA230	2/12	CONTROL SIGNAL ACKNOWLEDGE	DMAD681	1/7	DIRECT MEMORY ACCESS DATA PARITY BIT	ER100	2/5	ERROR REQUEST
CCALM0	4/9	CPU CONVERTER ALARM	CSA300	2/13	CONTROL SIGNAL ACKNOWLEDGE	DMAD7(0-7)1	1/7	DIRECT MEMORY ACCESS DATA BIT	ER110	2/6	ERROR REQUEST
CCINTLD	4/9	CPU CONVERTER INTERLOCK LINK D	CSA310	2/14	CONTROL SIGNAL ACKNOWLEDGE	DMAD781	1/7	DIRECT MEMORY ACCESS DATA PARITY BIT	ER120	2/7	ERROR REQUEST
CCSTM	4/2	CPU CONVERTER START LOOP (LOW SIDE)	CSA320	2/15	CONTROL SIGNAL ACKNOWLEDGE	DMA0(0-3)0	1/8	DIRECT MEMORY ACCESS OPERATION COMPLETE	ER130	2/8	ERROR REQUEST
CCSTP	4/2	CPU CONVERTER START LOOP (HIGH SIDE)	CSA330	2/16	CONTROL SIGNAL ACKNOWLEDGE	DMA0(5-7)0	1/7	DIRECT MEMORY ACCESS OPERATION COMPLETE	ER2	2/9	EIA RETURN
CFLGA0	1/2	COMMAND FLAG	CSA4(0-3)0	2/1	CONTROL SIGNAL ACKNOWLEDGE	DMA0(0-3)0	1/8	DIRECT MEMORY ACCESS READ	ER200	2/9	ERROR REQUEST
CFLG0	3/3	COMMAND FLAG	CSA5(0-3)0	2/1	CONTROL SIGNAL ACKNOWLEDGE	DMA0(5-7)0	1/7	DIRECT MEMORY ACCESS READ	ER210	2/10	ERROR REQUEST
CINT(0-3)0	1/8	COMMAND INTERRUPT	CSA6(0-3)0	1/7	COMMAND SIGNAL ACKNOWLEDGE	DMA0(0-3)0	1/8	DIRECT MEMORY ACCESS REQUEST	ER220	2/11	ERROR REQUEST
CINT(4-7)0	1/7	COMMAND INTERRUPT	CSA7(0-3)0	1/7	COMMAND SIGNAL ACKNOWLEDGE	DMA0(0-3)0	1/8	DIRECT MEMORY ACCESS REQUEST	ER230	2/12	ERROR REQUEST
CLEARA00	1/2	USER CONTROLLED RESET	CYCENDA1	1/5	CYCLE END	DMA0(5-7)0	1/7	DIRECT MEMORY ACCESS REQUEST	ER3	2/13	EIA RETURN
CLEARA10	1/3	RETS RESET	CYCEND1	3/6	CYCLE END CLOCK	DMA0(0-3)0	1/8	DIRECT MEMORY ACCESS REQUEST	ER300	2/13	ERROR REQUEST
CLEAR00	3/3	PIC CLEAR A	DAH0B(N,P)	1/1	DATA HIGH	DMA0(5-7)0	1/7	DIRECT MEMORY ACCESS REQUEST	ER310	2/14	ERROR REQUEST
CLEAR10	3/5	PIC CLEAR B	DAH1B(N,P)	1/1	DATA HIGH	DMA0R(0-3)0	1/8	DIRECT MEMORY ACCESS WRITE	ER320	2/15	ERROR REQUEST
CLK001	1/5	CLOCK PHASE 0	DAL0B(N,P)	1/1	DATA HIGH	DMA0R(4-7)0	1/7	DIRECT MEMORY ACCESS WRITE	ER330	2/16	ERROR REQUEST
CLK(N,P)	1/1	CLOCK DIFFERENTIAL OUTPUT	DAL1B(N,P)	1/1	DATA HIGH	DMA0(00-15)1	1/8	DIRECT MEMORY ACCESS ADDRESS BIT	ER4(0-3)0	2/1	ERROR REQUEST
CLK1(N,P)	1/1	CLOCK DIFFERENTIAL OUTPUT	DBA(00-15)1	1/2	PIC DATA BUS	DMA1(00-15)1	1/8	DIRECT MEMORY ACCESS ADDRESS BIT	ER5(0-3)0	2/1	ERROR REQUEST
CLOCKA1	1/5	PIC CLOCK	DBPAR	3/1	PIC DATA BUS LOW BYTE PARITY	DMA2(00-15)1	1/8	DIRECT MEMORY ACCESS ADDRESS BIT	ER6(0-3)0	1/7	ERROR REQUEST
CLOCK1	3/6	PIC MICROINSTRUCTION CLOCK	DBP(H,L)A1	1/2	PIC DATA BUS PARITY	DMA3(00-15)1	1/8	DIRECT MEMORY ACCESS ADDRESS BIT	ER7(0-3)0	1/7	ERROR REQUEST
CLRPC(0-3)0	1/8	CLEAR PERIPHERAL CONTROLLER	DB(00-15)1	3/1	PIC DATA BUS	DMA3(00-15)1	1/8	DIRECT MEMORY ACCESS ADDRESS BIT	E02N	4/5	CONVERTER SECONDARY VOLTAGE OUTPUT(-)(NOT USED)
CLRPC(4-7)0	1/7	CLEAR PERIPHERAL CONTROLLER	DCALM0	5/2	DFC CONVERTER ALARM	DMA5(00-15)1	1/7	DIRECT MEMORY ACCESS ADDRESS BIT	E02P	4/5	CONVERTER SECONDARY VOLTAGE OUTPUT(+)(NOT USED)
CPA0	1/1	COMMAND PRESENT	DCSTM	5/1	DFC CONVERTER START LOOP (LOW SIDE)	DMA5(00-15)1	1/7	DIRECT MEMORY ACCESS ADDRESS BIT	FIFORDY	3/1	DISK DATA FIFO READY
CPMG	4/2	CURRENT PROGRAMMING (LOW SIDE) FOR CONVERTER G.	DCSTP	5/1	DFC CONVERTER START LOOP (HIGH SIDE)	DMA6(00-15)1	1/7	DIRECT MEMORY ACCESS ADDRESS BIT	FPWRFO	4/3	FORCE POWER FAULT
CPNH	1/1	CURRENT PROGRAMMING (LOW SIDE) FOR CONVERTER H.	DER0	3/3	BIC ERROR SUMMARY	DMA7(00-15)1	1/7	DIRECT MEMORY ACCESS ADDRESS BIT	ICALM00	4/2	IOP CONVERTER ALARM 0 (POWER DOWN)
CPNJ	2/5	CURRENT PROGRAMMING (LOW SIDE) FOR CONVERTER J.	DEST(0-4)1	3/4	PIC DESTINATION ADDRESS BUS	DPA0	1/1	DATA PRESENT	ICALM10	4/5	IOP CONVERTER ALARM 1 (NON-POWER DOWN)
CPPG	4/2	CURRENT PROGRAMMING (HIGH SIDE) FOR CONVERTER G.	DFLGA0	1/2	DATA FLAG	DPWRCLR0	5/1	DFC POWER CLEAR (RESTART)	ICSTM	4/1	IOP CONVERTER START LOOP (LOW SIDE)
CPPH	1/1	CURRENT PROGRAMMING (HIGH SIDE) FOR CONVERTER H.	DFLGO	3/3	BIC FIFO DATA FLAG	DP0	3/2	BIC DATA PRESENT STROBE			
CPPJ	2/5	CURRENT PROGRAMMING (HIGH SIDE) FOR CONVERTER J.	DINTL0	5/2	DFC CONVERTER INTERLOCK LOOP	DRA0	1/1	BIC DATA READ STROBE			
CP0	3/2	COMMAND PRESENT	DKTYP0G	3/1	DISK TAPE (BIT 0)	DR0	3/2	DATA REQUEST			
CSA000	2/1	CONTROL SIGNAL ACKNOWLEDGE	DKTYP1G	3/1	DISK TYPE (BIT 1)	DSCYN	5/1	DFC POWER SCAN POINT X (NEGATIVE SIDE)			
CSA010	2/2	CONTROL SIGNAL ACKNOWLEDGE	DMAD0(0-7)1	1/8	DIRECT MEMORY ACCESS DATA BIT	DSTA(0-4)1	1/6	DESTINATION BUS			
CSA020	2/3	CONTROL SIGNAL ACKNOWLEDGE	DMAD081	1/8	DIRECT MEMORY ACCESS DATA PARITY BIT	DTAPER1	1/8	DATA PARITY ERROR			
CSA030	2/4	CONTROL SIGNAL ACKNOWLEDGE	DMAD1(0-7)1	1/8	DIRECT MEMORY ACCESS DATA BIT	ECCINT0	3/1	DISK DATA ERROR CORRECTION READY			
CSA100	2/5	CONTROL SIGNAL ACKNOWLEDGE	DMAD181	1/8	DIRECT MEMORY ACCESS DATA PARITY BIT	EOTAO	1/1	END OF TRANSFER			
			DMAD2(0-7)1	1/8	DIRECT MEMORY ACCESS DATA BIT	EOT0	3/2	BIC END OF TRANSMISSION			

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10- PROCESSOR AND DFC CONTROLLER UNIT		
DWG SIZE	ISSUE	
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AT&T BELL LABORATORIES	SD-4C115-01	A#2

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MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION
ICSTP	4/1	IOP CONVERTER START LOOP (HIGH SIDE)	INT330	2/16	PERIPHERAL CONTROLLER INTERRUPT	OOS(5-7)1	1/7	COMMUNITY OUT OF SERVICE	RAMBOCKA	1/3	RAM BOARD CLOCK
IINTLO	4/2	IOP CONVERTER INTERLOCK LOOP	INT5(0-3)0	1/7	PERIPHERAL CONTROLLER INTERRUPT	OTO	4/3	POWER OUT OF TOLERANCE	RCON1R0	4/3	RELAY CONTACT RETURN COM 0
ILMTO	4/1	IOP LED TEST	INT6(0-3)0	1/7	PERIPHERAL CONTROLLER INTERRUPT	PARTYEO	3/6	MICROSTORE PARITY ERROR	RCON1R1	4/4	RELAY CONTACT RETURN COM 1
INCTMRA1	1/2	INCREMENT TIMER	INT7(0-3)0	1/7	PERIPHERAL CONTROLLER INTERRUPT	PARTYEA0	1/5	PARITY ERROR	RCON1R2	4/6	RELAY CONTACT RETURN COM 2
INCTMR1	3/3	BIC TIMER CLOCK				PAR04	4/1	IOP POWER ALARM RETURN LEVEL 04 FROM TN6	RCON1R3	4/7	RELAY CONTACT RETURN COM 3
INFP(0-3)0	3/3	INFORMATION BUS PARITY				PAR13	5/1	DFC POWER ALARM RETURN LEVEL 13 FROM TN3	RCON10	4/3	RELAY CONTACT COM 0
INF(00-31)0	3/3	BIC/ODSBS DATA BUS	IPHRCLR0	4/1	POWER CLEAR	PA04	4/1	IOP POWER ALARM LEVEL 04 (MINOR) FROM TN6	RCON11	4/4	RELAY CONTACT COM 1
INHCKA00	1/3	INHIBIT CLOCK	IXINT0	3/4	POWER DISK INDEX MARK	PA13	5/1	DFC POWER ALARM LEVEL 13 (MINOR) FROM TN3	RCON12	4/6	RELAY CONTACT COM 2
INHCKA10	1/2	INHIBIT CLOCK	MAB(00-15)1	1/6	MICRO ADDRESS BUS				RCON13	4/7	RELAY CONTACT COM 3
INHCK00	3/5	INHIBIT CLOCK 0	MBDA0	1/3	MICRO CONTROLLER BOARD ADDRESS 0	PCSEL0(0-3)0	1/8	PERIPHERAL CONTROLLER SELECT	RCVCK0(0-7)N	3/1	DISK READ CLOCK
INHCK10	3/3	INHIBIT CLOCK 1	MBDA1	1/3	MICRO CONTROLLER BOARD ADDRESS 1	PCSEL1(0-3)0	1/8	PERIPHERAL CONTROLLER SELECT	RCVCK0(0-7)P	3/1	DISK READ CLOCK
INHRS1	3/6	INHIBIT RESET	MBDA2	1/3	MICRO CONTROLLER BOARD ADDRESS 2	PCSEL2(0-3)0	1/8	PERIPHERAL CONTROLLER SELECT	RCVDT0(0-7)N	3/1	DISK READ DATA 0-7
INITD004	4/1	FAN INITIALIZE FROM LEVEL 4 POWER SWITCH DFC (TN3)	MBDA3	1/3	MICRO CONTROLLER BOARD ADDRESS 3	PCSEL3(0-3)0	1/8	PERIPHERAL CONTROLLER SELECT	RCVDT0(0-7)P	3/1	DISK READ DATA 0-7
INITD013	5/1	FAN INITIALIZE FROM LEVEL 13 POWER SWITCH IOP (TN6)				PCSEL4(0-3)0	1/7	PERIPHERAL CONTROLLER SELECT	RCVSV0(0-7)N	3/1	DISK SERVO CLOCK
INTA0	1/2	INTERRUPT	MD8(00-39)1	1/4	MICRO DATA BUS	PCSEL5(0-3)0	1/7	PERIPHERAL CONTROLLER SELECT	RCVSV0(0-7)P	3/1	DISK SERVO CLOCK
INTSUMA0	1/8	INTERRUPT SUMMARY 1	MINFP(0-3)0	1/2	INFORMATION BUS PARITY	PCSEL6(0-3)0	1/7	PERIPHERAL CONTROLLER SELECT	REMSPA	1/4	REMOTE SENSE
INTSUM20	1/7	INTERRUPT SUMMARY 2	MINF(00-31)0	1/2	INFORMATION BUS PARITY	PCSEL7(0-3)0	1/7	PERIPHERAL CONTROLLER SELECT	REQ08(N,P)	1/1	REQUEST
INTO	3/3	INTERRUPT REQUEST	N12E0	2/1	NEGATIVE 12 VOLTS EIA COM 0	PICFER1	3/3	PIC FATAL ERROR	REQ18(N,P)	1/1	REQUEST
INT000	2/1	PERIPHERAL CONTROLLER INTERRUPT	N12E1	2/5	NEGATIVE 12 VOLTS EIA COM 1	PPSS	3/1	DFC PSV POWER SENSE	RFLT(N,P)	3/4	DISK FAULT
INT010	2/2	PERIPHERAL CONTROLLER INTERRUPT	N12E2	2/9	NEGATIVE 12 VOLTS EIA COM 2	PRESIA	2/9	PROGRAMMING RESISTOR NET CONVERTER A(+)	RINDX(N,P)	3/4	DISK INDEX MARK
INT020	2/3	PERIPHERAL CONTROLLER INTERRUPT	N12E3	2/13	NEGATIVE 12 VOLTS EIA COM 3	PRESIB	3/1	PROGRAMMING RESISTOR NET CONVERTER B(+)	RISL8(0-3)	1/8	RESET PERIPHERAL CONTROLLER ISOLATE
INT030	2/4	PERIPHERAL CONTROLLER INTERRUPT	N48VCP06	4/9	-48V FOR CPU SEGMENT 6 (FUSED)	PRESOA	2/9	PROGRAMMING RESISTOR NET CONVERTER A(-)			
INT100	2/5	PERIPHERAL CONTROLLER INTERRUPT	N48V10P4	4/4	-48V FOR IOP SEGMENT 4 (FUSED)	PRESOB	3/1	PROGRAMMING RESISTOR NET CONVERTER B(-)			
INT110	2/6	PERIPHERAL CONTROLLER INTERRUPT	N48V10P5	4/5	-48V FOR IOP SEGMENT 5 (FUSED)	PROX004	4/1	POWER RESTART TO LEVEL 4 POWER SWITCH IOP TN6 (FROM PCC)			
INT120	2/7	PERIPHERAL CONTROLLER INTERRUPT	N48V10P6	4/2	-48V FOR IOP SEGMENT 6 (FUSED)	PROX013	5/1	POWER RESTART TO LEVEL 4 POWER SWITCH DFC TN3 (FROM PCC)			
INT130	2/8	PERIPHERAL CONTROLLER INTERRUPT	N48V10P7	4/1	-48V FOR IOP SEGMENT 7 (FUSED)	P12E0	2/1	POSITIVE 12 VOLTS EIA COM 0			
INT200	2/9	PERIPHERAL CONTROLLER INTERRUPT	N48V10P8	4/3	-48V FOR IOP SEGMENT 8 (FUSED)	P12E1	2/5	POSITIVE 12 VOLTS EIA COM 1			
INT210	2/10	PERIPHERAL CONTROLLER INTERRUPT	N48VS0	2/1	-48V (SWITCHED) TO COMMUNITY 0	P12E2	2/9	POSITIVE 12 VOLTS EIA COM 2			
INT220	2/11	PERIPHERAL CONTROLLER INTERRUPT	N48VS1	2/5	-48V (SWITCHED) TO COMMUNITY 1	P12E3	2/13	POSITIVE 12 VOLTS EIA COM 3			
INT230	2/12	PERIPHERAL CONTROLLER INTERRUPT	N48VS2	2/9	-48V (SWITCHED) TO COMMUNITY 2	P12M0	2/1	POSITIVE 12 VOLTS MEMORY COM 0			
INT300	2/13	PERIPHERAL CONTROLLER INTERRUPT	N48VS3	2/13	-48V (SWITCHED) TO COMMUNITY 3	P12M1	2/5	POSITIVE 12 VOLTS MEMORY COM 1			
INT310	2/14	PERIPHERAL CONTROLLER INTERRUPT	N5M0	2/1	NEGATIVE 5 VOLTS MEMORY COM 0	P12M2	2/9	POSITIVE 12 VOLTS MEMORY COM 2			
INT320	2/15	PERIPHERAL CONTROLLER INTERRUPT	N5M1	2/5	NEGATIVE 5 VOLTS MEMORY COM 1	P12M3	2/13	POSITIVE 12 VOLTS MEMORY COM 3			
			N5M2	2/9	NEGATIVE 5 VOLTS MEMORY COM 2	PSVG	4/9	+5V LOGIC SUPPLY FROM CONVERTER G			
			N5M3	2/13	NEGATIVE 5 VOLTS MEMORY COM 3	PSVH	1/1	+5V LOGIC SUPPLY FROM CONVERTER H			
			N5V	5/1	-5V FOR DFC DISK INTERFACE	PSVJ	2/5	+5V LOGIC SUPPLY FROM CONVERTER J			
			OOL00	4/3	POWER OUT OF LIMITS	RADRMK(N,P)	3/4	DISK HEADS NOT ON DISK SURFACE (DISK ADDRESS MARK FOUND)			
			OOL10	4/4	POWER OUT OF LIMITS						
			OOL20	4/6	POWER OUT OF LIMITS						
			OOL30	4/7	POWER OUT OF LIMITS						
			OOL(4-7)0	1/7	POWER OUT OF LIMITS						
			OOS(0-3)1	1/8	COMMUNITY OUT OF SERVICE						

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10 PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE C2	ISSUE 38
AT&T BELL LABORATORIES	SD-4C115-01	AF3	08/16/84

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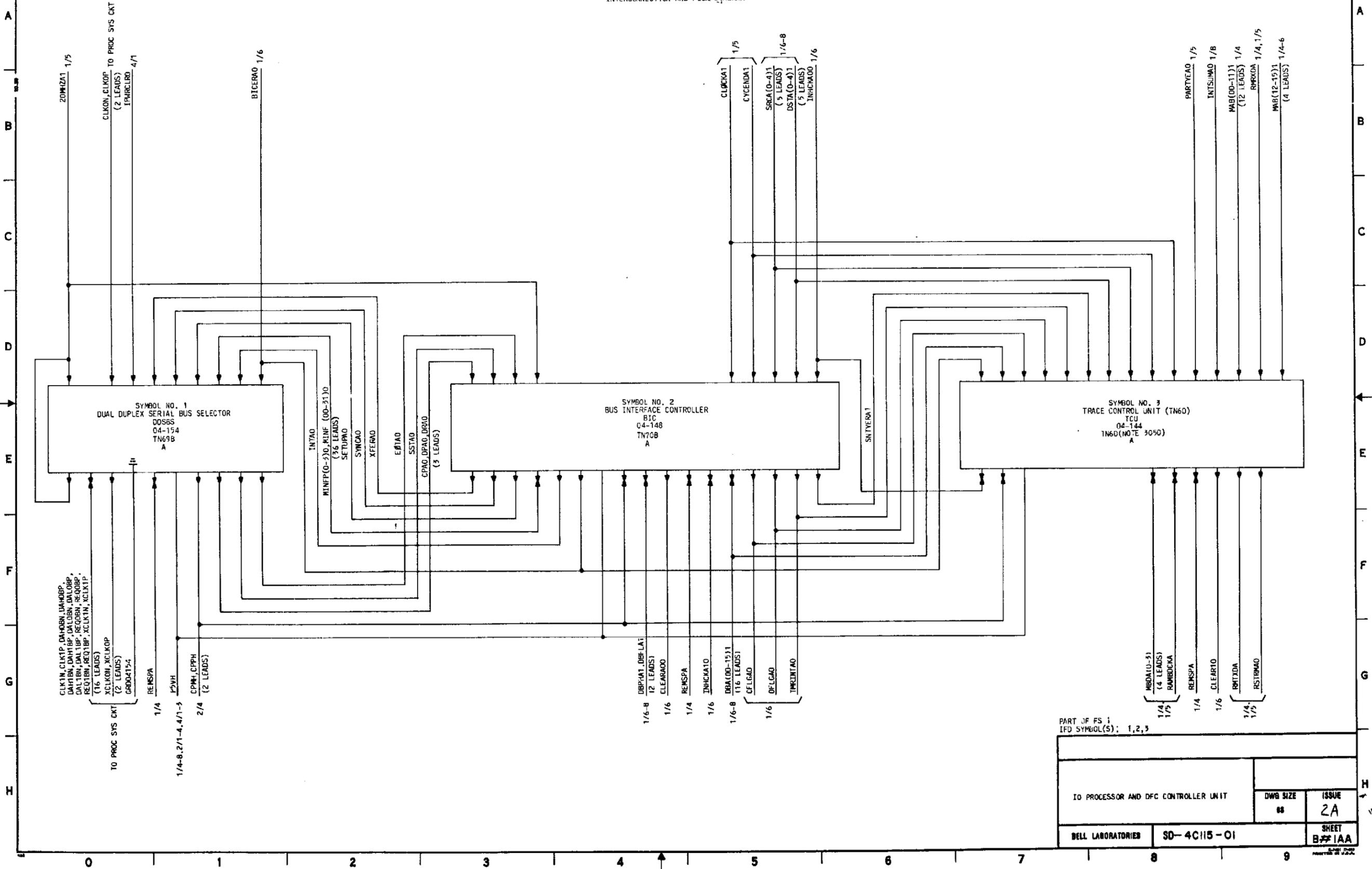
MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION
RISLB(4-7)0	1/7	RESET PERIPHERAL CONTROLLER ISOLATE	SR310	2/14	SERVICE REQUEST (COM 3, PC1)	TXCK(0-7)P	3/1	DISK TRANSMIT CLOCK	48RCPU6	4/9	-48V RETURN FOR CPU SEGMENT 6
RMBCK	3/5	RETS/WR1 SERIAL DATA CONTROL	SR320	2/15	SERVICE REQUEST (COM 3, PC2)	TXCMD(00-10)N	3/4	DISK DATA COMMAND	48RD	2/13	-48V RETURN TO TN9-3 (IOP COMM 3 POWER MONITOR)
RMRXD	3/5	RETS/WR1 SERIAL DATA CONTROL	SR330	2/16	SERVICE REQUEST (COM 3, PC3)	TXCMD(00-10)P	3/4	DISK DATA COMMAND	48RE	2/9	-48V RETURN TO TN9-2 (IOP COMM 2 POWER MONITOR)
RMRXA	1/3	RAM RECEIVE DATA	SSTA0	1/1	SENSE STATUS	TXDT(00-07)N	3/1	DISK WRITE DATA 0-7	48RIOP4	2/5	-48V RETURN FOR IOP SEGMENT 4
RMTXD	3/5	RETS/WR1 SERIAL DATA CONTROL	SST0	3/2	BIC/DOSBS STATUS STROBE	TXDT(00-07)P	3/1	DISK WRITE DATA 0-7	48RIOP5	4/5	-48V RETURN FOR IOP SEGMENT 5
RMTXA	1/3	RAM TRANSMIT DATA	STRP00(0-3)A	2/1	TERMINAL FIELD STRAPPING	TXTAG0(N,P)	3/4	DISK CYLINDER STROBE	48RIOP6	4/2	-48V RETURN FOR IOP SEGMENT 6
RNCYL(N,P)	3/4	DISK HEADS ON CYLINDER	STRP00(00-39)	2/1	TERMINAL FIELD STRAPPING	TXTAG1(N,P)	3/4	DISK HEAD SELECT STROBE	48RIOP7	4/1	-48V RETURN FOR IOP SEGMENT 7
RSECM(N,P)	3/4	DISK SECTOR MARK	STRP01(0-3)A	2/2	TERMINAL FIELD STRAPPING	TXTAG2(N,P)	3/4	DISK COMMAND STROBE	48RIOP8	2/1	-48V RETURN FOR IOP SEGMENT 8
RSKER(N,P)	3/4	DISK SEEK ERROR	STRP01(00-39)	2/2	TERMINAL FIELD STRAPPING	TXUSSTB(N,P)	3/4	DISK UNIT SELECT STROBE			
RSTRMA0	1/3	RESET RAM	STRP02(0-3)A	2/3	TERMINAL FIELD STRAPPING	TXUS(0-3)N	3/4	DISK UNIT SELECT ADDRESS			
RSTRM0	3/5	RETS/WR1 SERIAL DATA CONTROL	STRP02(00-39)	2/3	TERMINAL FIELD STRAPPING	TXUS(0-3)P	3/4	DISK UNIT SELECT ADDRESS			
RURDY(N,P)	3/4	UNIT READY	STRP03(0-3)A	2/4	TERMINAL FIELD STRAPPING	UAB(00-15)1	3/4	MICROSTORE ADDRESS BUS			
RWPRO(N,P)	3/4	DISK WRITE PROTECT	STRP03(00-39)	2/4	TERMINAL FIELD STRAPPING	UDB(00-31)1	3/4	MICROSTORE DATA BUS			
SAK0(0-7)N	3/1	DISK SELECT ACKNOWLEDGE	STRP10(0-3)A	2/5	TERMINAL FIELD STRAPPING	UDB(32-39)1	3/6	MICROSTORE DATA BUS			
SAK0(0-7)P	3/1	DISK SELECT ACKNOWLEDGE	STRP10(00-39)	2/5	TERMINAL FIELD STRAPPING	VCCA	2/9	+5V CONVERTER A IOP COMM'S 283			
SCEN250	3/4	DISK SELECT ACKNOWLEDGE READ ENABLE	STRP11(0-3)A	2/6	TERMINAL FIELD STRAPPING	VCCB	3/1	+5V CONVERTER B DFC			
SCINT0	3/4	PIC DISK SECTOR MARK	STRP11(00-39)	2/6	TERMINAL FIELD STRAPPING	XCLK0(N,P)	1/1	TRANSFER CLOCK			
SETUPA0	1/2	SETUP TRANSFER	STRP12(0-3)A	2/7	TERMINAL FIELD STRAPPING	XCLK1(N,P)	1/1	TRANSFER CLOCK			
SETUP0	3/3	DMA SETUP REQUEST FROM BIC	STRP12(00-39)	2/7	TERMINAL FIELD STRAPPING	XFERA0	1/2	TRANSFER REQUEST			
SISLB(0-3)0	1/8	SET PERIPHERAL CONTROLLER ISOLATE	STRP13(0-3)A	2/8	TERMINAL FIELD STRAPPING	XFER0	3/3	BIC TRANSFER REQUEST			
SISLB(4-7)0	1/7	SET PERIPHERAL CONTROLLER ISOLATE	STRP13(00-39)	2/8	TERMINAL FIELD STRAPPING	11CLK00(N,P)	3/2	RECEIVE CLOCK FOR DEVICE			
SNTYERA1	1/2	SANITY ERROR	STRP20(0-3)A	2/9	TERMINAL FIELD STRAPPING	11CLK00(N,P)	3/2	RECEIVE CLOCK FOR DEVICE			
SPPAR	3/1	PIC DATA BUS - HIGH BYTE PARITY	STRP20(00-39)	2/9	TERMINAL FIELD STRAPPING	11DAH00(N,P)	3/2	HIGH ORDER DATA FOR DEVICE 0			
SRC(0-4)1	1/6	SOURCE BUS	STRP21(0-3)A	2/10	TERMINAL FIELD STRAPPING	11DAH00(N,P)	3/2	HIGH ORDER DATA FOR DEVICE 0			
SRCSP0A0	1/6	SOURCE SPECIAL OVERLAY	STRP21(00-39)	2/10	TERMINAL FIELD STRAPPING	11DAL00(N,P)	3/2	LOW ORDER DATA FOR DEVICE 0			
SRCSP00	3/4	SOURCE SPECIAL DATA	STRP22(0-3)A	2/11	TERMINAL FIELD STRAPPING	11DAL00(N,P)	3/2	LOW ORDER DATA FOR DEVICE 0			
SRC(0-4)1	3/4	SOURCE BUS BIT	STRP22(00-39)	2/11	TERMINAL FIELD STRAPPING	11REQ00(N,P)	3/2	REQUEST FROM DEVICE 0			
SR000	2/1	SERVICE REQUEST (COM 0, PC0)	STRP23(0-3)A	2/12	TERMINAL FIELD STRAPPING	11REQ00(N,P)	3/2	REQUEST FROM DEVICE 0			
SR010	2/2	SERVICE REQUEST (COM 0, PC1)	STRP23(00-39)	2/12	TERMINAL FIELD STRAPPING	11XCK00(N,P)	3/2	TRANSMIT CLOCK FOR DEVICE 0			
SR020	2/3	SERVICE REQUEST (COM 0, PC2)	STRP30(0-3)A	2/13	TERMINAL FIELD STRAPPING	11XCK00(N,P)	3/2	TRANSMIT CLOCK FOR DEVICE 0			
SR030	2/4	SERVICE REQUEST (COM 0, PC3)	STRP30(00-39)	2/13	TERMINAL FIELD STRAPPING	20MHZ1	1/1	20MHZ CLOCK			
SR100	2/5	SERVICE REQUEST (COM 1, PC0)	STRP31(0-3)A	2/14	TERMINAL FIELD STRAPPING	20MHZ1	3/2	20MHZ CLOCK			
SR110	2/6	SERVICE REQUEST (COM 1, PC1)	STRP31(00-39)	2/14	TERMINAL FIELD STRAPPING	48A	4/8	-48V TO CONVERTER A IOP COMM'S 283			
SR120	2/7	SERVICE REQUEST (COM 1, PC2)	STRP32(0-3)A	2/15	TERMINAL FIELD STRAPPING	48B	5/2	-48V TO CONVERTER B DFC			
SR130	2/8	SERVICE REQUEST (COM 1, PC3)	STRP32(00-39)	2/15	TERMINAL FIELD STRAPPING	48C	5/1	-48V TO TN3 (DFC POWER SWITCH)			
SR200	2/9	SERVICE REQUEST (COM 2, PC0)	STRP33(0-3)A	2/16	TERMINAL FIELD STRAPPING	48D	4/7	-48V TO TN9-3 (IOP COMM 3 POWER MONITOR)			
SR210	2/10	SERVICE REQUEST (COM 2, PC1)	STRP33(00-39)	2/16	TERMINAL FIELD STRAPPING	48E	4/6	-48V TO TN9-2 (IOP COMM 2 POWER MONITOR)			
SR220	2/11	SERVICE REQUEST (COM 2, PC2)	SYNCA0	1/2	SYNC	48RA	4/8	-48V RETURN TO CONVERTER A IOP COMM'S 283			
SR230	2/12	SERVICE REQUEST (COM 2, PC3)	SYNCO	3/3	BIC/DOSBS DATA SYNC	48RB	5/2	-48V RETURN TO CONVERTER B DFC			
SR300	2/13	SERVICE REQUEST (COM 3, PC0)	THRINTA0	1/2	TIMER INTERRUPT	48RC	5/1	-48V RETURN TO TN3 (DFC POWER SWITCH)			
			THRINT0	3/3	BIC TIMER INTERRUPT						
			TXCAEN(N,P)	3/4	DISK INTERFACE ENABLE						
			TXCK(0-7)N	3/1	DISK TRANSMIT CLOCK						

SEE PROPRIETARY NOTICE ON COVER SHEET

I/O PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		C2	3B
AT&T BELL LABORATORIES	SD-4C115-01	A#4	

PRINTED IN U. S. A. 08/16/84

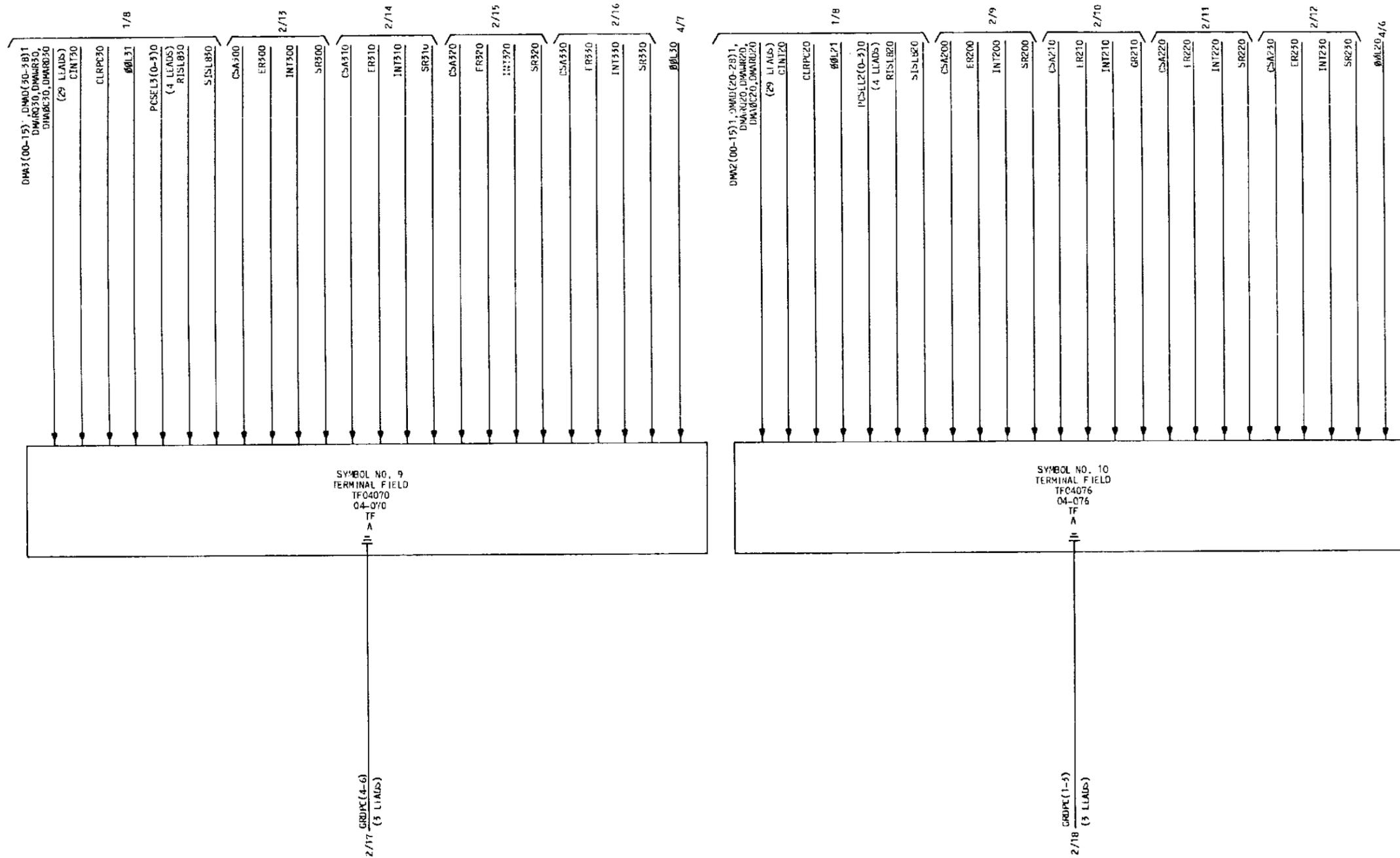
PART OF FS I
CONTROL
INTERCONNECTION AND FLOW DIAGRAM



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

IO PROCESSOR AND DFC CONTROLLER UNIT	DWG SIZE	ISSUE
	88	2A
BELL LABORATORIES	SD-4C115-01	SHEET B# IAA

PART OF FS 1
CONTROL
INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 1
IFC SYMBOL(S): 9, 10

TO PROCESSOR AND DFC CONTROLLER UNIT	DWG SIZE	ISSUE
	88	1
BELL LABORATORIES	SD-4C115-01	SHEET B#1AD

PART OF FS 1
CONTROL

SYMBOL NO. 1
DUAL DUPLEX SERIAL BUS SELECTOR

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

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

SYMBOL NO. 2 (CONT)
BUS INTERFACE CONTROLLER

DESIG EOPT CODE ELEM OPT
DDBS 04-154 TN698 A

DESIG EOPT CODE ELEM OPT
DDBS 04-154 TN698 A

DESIG EOPT CODE ELEM OPT
DDBS 04-154 TN698 A

DESIG EOPT CODE ELEM OPT
BIC 04-148 TN708 A

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	0	10MHZ0	016			
	1	20MHZ	314			
	GRD	GRD	234			
BICERA0	I	ER10	020		1/2	
CLKON	I	XCLK0IN	008		TO PROC SYS CKT	
CLKOP	I	XCLK0IP	107		TO PROC SYS CKT	
CLK1N	IO	XCLK11N	208		TO PROC SYS CKT	
CLK1P	IO	XCLK11P	307		TO PROC SYS CKT	
CPA0	0	CPQ0	319		1/2	
CPMH	IO	L1M1TD	024		2/4	
EPH	IO	L1M1TI	023		2/4	
DAH0BN	IO	DAH0BN	010		TO PROC SYS CKT	
DAH0BP	IO	DAH0BP	109		TO PROC SYS CKT	
DAH1BN	IO	DAH1BN	210		TO PROC SYS CKT	
DAH1BP	IO	DAH1BP	309		TO PROC SYS CKT	
DAL0BN	IO	DAL0BN	009		TO PROC SYS CKT	
DAL0BP	IO	DAL0BP	108		TO PROC SYS CKT	
DAL1BN	IO	DAL1BN	209		TO PROC SYS CKT	
DAL1BP	IO	DAL1BP	308		TO PROC SYS CKT	
DPA0	0	DP00	219		1/2	
DRA0	0	DR00	019		1/2	
EOTA0	0	EOT00	118		1/2	
GRD04154	IO	GRD	206			
	IO	GRD	311			
	GRD	GRD	006		TO PROC SYS CKT	
	GRD	GRD	101			
	GRD	GRD	103			
	GRD	GRD	111			
	GRD	GRD	113			
	GRD	GRD	117			
	GRD	GRD	119			
	GRD	GRD	121			
	GRD	GRD	133			
	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	212			
	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	244			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	246			
	GRD	GRD	248			
	GRD	GRD	250			
	GRD	GRD	252			
	GRD	GRD	254			
	GRD	GRD	324			
	GRD	GRD	332			
	GRD	GRD	356			
INTAC	I	INTID	321		1/2	
IPWRCLR0	I	INIT0	344		4/1	
MINFP00	I	INFP0B0	354		1/2	
MINFP10	I	INFP1B0	154		1/2	
MINFP20	I	INFP230	342		1/2	
MINFP30	I	INFP3B0	142		1/2	
MINFP000	I	INFP0B0	134		1/2	
MINF010	I	INF01B0	035		1/2	
MINF020	I	INF02B0	136		1/2	
MINF030	I	INF03B0	037		1/2	
MINF040	I	INF04B0	138		1/2	
MINF050	I	INF05B0	039		1/2	
MINF060	I	INF06B0	140		1/2	
MINF070	I	INF07B0	041		1/2	
MINF080	I	INF08B0	334		1/2	
MINF090	I	INF09B0	235		1/2	
MINF100	I	INF10B0	336		1/2	
MINF110	I	INF11B0	237		1/2	
MINF120	I	INF12B0	338		1/2	
MINF130	I	INF13B0	239		1/2	
MINF140	I	INF14B0	340		1/2	
MINF150	I	INF15B0	241		1/2	
MINF160	I	INF16B0	146		1/2	
MINF170	I	INF17B0	047		1/2	
MINF180	I	INF18B0	148		1/2	
MINF190	I	INF19B0	049		1/2	
MINF200	I	INF20B0	150		1/2	
MINF210	I	INF21B0	051		1/2	
MINF220	I	INF22B0	152		1/2	
MINF230	I	INF23B0	053		1/2	
MINF240	I	INF24B0	346		1/2	
MINF250	I	INF25B0	247		1/2	
MINF260	I	INF26B0	348		1/2	
MINF270	I	INF27B0	249		1/2	
MINF280	I	INF28B0	350		1/2	
MINF290	I	INF29B0	251		1/2	
MINF300	I	INF30B0	352		1/2	
MINF310	I	INF31B0	253		1/2	
PSVH	PWR	VCC	000		1/1	
	PWR	VCC	001		1/1	
	PWR	VCC	032		1/1	
	PWR	VCC	124		1/1	
	PWR	VCC	132		1/1	
	PWR	VCC	156		1/1	
	PWR	VCC	115		1/2, 1/3	
					1/4, 1/5	
					1/6, 1/7	
					1/8, 2/1	
					2/2, 2/3	
					2/4, 4/1	
					4/2, 4/3	
					1/4	
REMSPA	IO	PWSENSE	044			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
REQ0BN	IO	REQ0BN	011		TO PROC SYS CKT	
REQ0BP	IO	REQ0BP	110		TO PROC SYS CKT	
REQ1BN	IO	REQ1BN	211		TO PROC SYS CKT	
REQ1BP	IO	REQ1BP	310		TO PROC SYS CKT	
SETUPA0	I	SETUP10	022		1/2	
SSTA0	0	SST00	318		1/2	
SYNCA0	I	SYNC10	221		1/2	
XCLKON	0	CLK0ON	007		TO PROC SYS CKT	
XCLKOP	0	CLK0OP	106		TO PROC SYS CKT	
XCLK1N	IO	CLK1ON	207		TO PROC SYS CKT	
XCLK1P	IO	CLK1OP	306		TO PROC SYS CKT	
XFERA0	I	XFER10	021		1/2	
ZOMHZA1	I	SPEED1	116		1/1	
	0	ZOMHZ0	316		1/2, 1/5	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
BIC	04-148	TN708	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	0	PICFERO	114			
	0	1MHZ00	314			
	I	MYADD011	011			
	I	MYADD111	012			
	I	MYADD211	013			
	I	MYADD311	014			
	I	PWRINTLK	322			
	I	PWR'NTLK	323			
BICERA0	0	ER00	020		1/1, 1/3	
					1/6	
CFLGA0	0	CFLG00	110		1/3, 1/6	
CLEARA00	0	RSTPIC00	017		1/6	
CLOCKA1	I	CLOCK11	350		1/5	
CPA0	I	CP10	319		1/1	
CPMH	IO	LIMIT0	024		2/4	
CPH	IO	LIMIT1	023		2/4	
CYCENDA1	I	CYCEND11	251		1/5	
DBA001	IO	DB00B1	300		1/3, 1/6	
					1/7, 1/8	
DBA011	IO	DB01B1	001		1/3, 1/6	
					1/7, 1/8	
DBA021	IO	DB02B1	201		1/3, 1/6	
					1/7, 1/8	
DBA031	IO	DB03B1	301		1/3, 1/6	
					1/7, 1/8	
DBA041	IO	DB04B1	002		1/3, 1/6	
					1/7, 1/8	
DBA051	IO	DB05B1	102		1/3, 1/6	
					1/7, 1/8	
DBA061	IO	DB06B1	302		1/3, 1/6	
					1/7, 1/8	
DBA071	IO	DB07B1	003		1/3, 1/6	
					1/7, 1/8	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
DBA081	IO	DB08B1	203		1/3, 1/6	
					1/7, 1/8	
DBA091	IO	DB09B1	303		1/3, 1/6	
					1/7, 1/8	
DBA101	IO	DB10B1	004		1/3, 1/6	
					1/7, 1/8	
DBA111	IO	DB11B1	104		1/3, 1/6	
					1/7, 1/8	
DBA121	IO	DB12B1	304		1/3, 1/6	
					1/7, 1/8	
DBA131	IO	DB13B1	005		1/3, 1/6	
					1/7, 1/8	
DBA141	IO	DB14B1	205		1/3, 1/6	
					1/7, 1/8	
DBA151	IO	DB15B1	305		1/3, 1/6	
					1/7, 1/8	
DBPHA1	IO	DBPHB1	100		1/6, 1/7	
					1/8	
DBPLA1	IO	DBPLB1	006		1/6, 1/7	
					1/8	
DFLGA0	0	DFLG00	010		1/3, 1/6	
DPA0	I	DP10	219		1/1	
DRA0	I	DR10	019		1/1	
DSTA01	I	DST011	008		1/3, 1/6	
					1/7, 1/8	
DSTA11	I	DST111	108			

PART OF FS 1
CONTROL

SYMBOL NO. 2 (CONT)
BUS INTERFACE CONTROLLER

SYMBOL NO. 2 (CONT)
BUS INTERFACE CONTROLLER

SYMBOL NO. 3
TRACE CONTROL UNIT(TN60)

SYMBOL NO. 3 (CONT)
TRACE CONTROL UNIT(TN60)

DESIG EQPT CODE ELEM OPT
BIC 04-148 TN708 A

DESIG EQPT CODE ELEM OPT
BIC 04-148 TN708 A

DESIG EQPT CODE ELEM OPT
TCU 04-144 TN60(NOTE 305D) A

DESIG EQPT CODE ELEM OPT
TCU 04-144 TN60(NOTE 305D) A

LEAD DESIG	FUNC	TERM. MOD	TERM. TERM.	TERM. OPT	DESTINATION	NOTE
	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	215			
	GRD	GRD	216			
	GRD	GRD	217			
	GRD	GRD	218			
	GRD	GRD	220			
	GRD	GRD	222			
	GRD	GRD	224			
	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	315			
	GRD	GRD	317			
	GRD	GRD	324			
	GRD	GRD	332			
	GRD	GRD	349			
INCHRA1	GRD	GRD	351			
	D	0.2MHZ00	313			
INHCKA00	I	INCHRA10	213		1/3, 1/6	
INHCKA10	IO	INHCK010	055		1/6	
	IO	INHCK110	255			
INTA0	O	INT00	321		1/1	
MINFP00	IO	INF080	354		1/1	
MINFP10	IO	INF180	154		1/1	
MINFP20	IO	INF280	342		1/1	
MINFP30	IO	INF380	142		1/1	
MINF000	IO	INF0080	134		1/1	
MINF010	IO	INF0180	035		1/1	
MINF020	IO	INF0280	136		1/1	
MINF030	IO	INF0380	037		1/1	
MINF040	IO	INF0480	138		1/1	
MINF050	IO	INF0580	039		1/1	
MINF060	IO	INF0680	140		1/1	
MINF070	IO	INF0780	041		1/1	
MINF080	IO	INF0880	334		1/1	
MINF090	IO	INF0980	235		1/1	
MINF100	IO	INF1080	336		1/1	
MINF110	IO	INF1180	237		1/1	
MINF120	IO	INF1280	338		1/1	

LEAD DESIG	FUNC	TERM. MOD	TERM. TERM.	TERM. OPT	DESTINATION	NOTE
MINF130	IO	INF1380	239		1/1	
MINF140	IO	INF1480	340		1/1	
MINF150	IO	INF1580	241		1/1	
MINF160	IO	INF1680	146		1/1	
MINF170	IO	INF1780	047		1/1	
MINF180	IO	INF1880	148		1/1	
MINF190	IO	INF1980	049		1/1	
MINF200	IO	INF2080	150		1/1	
MINF210	IO	INF2180	051		1/1	
MINF220	IO	INF2280	152		1/1	
MINF230	IO	INF2380	053		1/1	
MINF240	IO	INF2480	346		1/1	
MINF250	IO	INF2580	247		1/1	
MINF260	IO	INF2680	347		1/1	
MINF270	IO	INF2780	348		1/1	
MINF280	IO	INF2880	249		1/1	
MINF290	IO	INF2980	352		1/1	
MINF300	IO	INF3080	253		1/1	
MINF310	IO	INF3180	353		1/1	
PSVH	PWR	VCC	000		1/1	
	PWR	VCC	032		1/1	
	PWR	VCC	107		1/1	
	PWR	VCC	115		1/1	
	PWR	VCC	124		1/1	
	PWR	VCC	139		1/1	
	PWR	VCC	147		1/1	
	PWR	VCC	156		1/1	
REMSPA	IO	FSS01	044		1/4	
SETUPA0	O	SETUP00	022		1/1	
SNTYERA1	O	SNTYER01	311		1/3	
SRCA01	I	SRC011	106		1/3, 1/6	
SRCA11	I	SRC111	306		1/3, 1/6	
SRCA21	I	SRC211	007		1/3, 1/6	
SRCA31	I	SRC311	207		1/3, 1/6	
SRCA41	I	SRC411	307		1/3, 1/6	
SSTA0	I	SST10	318		1/1	
SYNCA0	O	SYN00	221		1/1	
THRINTA0	O	THRINT00	310		1/3, 1/6	
XFERA0	O	XFER00	021		1/1	
Z0MHZA1	I	Z0MHZ11	316		1/1	

LEAD DESIG	FUNC	TERM. MOD	TERM. TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	PSEROUT	015			
	O	MSEROUT	016			
	O	TSTSYNCO	055			
	O	DATSYNCO	255			
	O	ADRSYNCO	355			
	I	PSERINA	013			
	I	MSERIN	014			
	I	TST101	034			
	I	TST131	035			
	I	TST111	134			
	I	TST081	233			
	I	TST141	235			
	I	RESETIN0	312			
	I	TST041	322			
	I	TST091	333			
	I	TST121	334			
	I	TST151	335			
	I		053			
BOZSEL00						
BICERA0	I	TST021	022		1/2	
CFLGA0	I	TST001	221		1/2	
CLEARA10	O	CLEAR10	256		1/6	
CLOCKA1	I	CLOCK1	350		1/5	
CPHA	IO	PPRA	042		2/4	
CPHA	IO	PPRB	040		2/4	
CYCENDA1	I	CYCEND1	251		1/5	
DBA001	I	DB001	300		1/2	
DBA011	I	DB011	001		1/2	
DBA021	I	DB021	201		1/2	
DBA031	I	DB031	301		1/2	
DBA041	I	DB041	002		1/2	
DBA051	I	DB051	102		1/2	
DBA061	I	DB061	302		1/2	
DBA071	I	DB071	003		1/2	
DBA081	I	DB081	203		1/2	
DBA091	I	DB091	303		1/2	
DBA101	I	DB101	004		1/2	
DBA111	I	DB111	104		1/2	
DBA121	I	DB121	304		1/2	
DBA131	I	DB131	005		1/2	
DBA141	I	DB141	205		1/2	
DBA151	I	DB151	305		1/2	
DFLGA0	I	TST011	321		1/2	
DSTA01	I		338		1/2	
DSTA11	I		009		1/2	
DSTA21	I		209		1/2	
DSTA31	I		309		1/2	
DSTA41	I		010		1/2	
GRD04144	GRD	GRD	101			
	GRD	GRD	103			
	GRD	GRD	105			
	GRD	GRD	109			
	GRD	GRD	111			
	GRD	GRD	113			
	GRD	GRD	117			
	GRD	GRD	119			
	GRD	GRD	121			
	GRD	GRD	123			
	GRD	GRD	133			
	GRD	GRD	135			

LEAD DESIG	FUNC	TERM. MOD	TERM. TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	137			
	GRD	GRD	141			
	GRD	GRD	143			
	GRD	GRD	145			
	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	222			
	GRD	GRD	224			
	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	324			
	GRD	GRD	332			
	GRD	GRD	356			
INHCKA00	IO	INHCK00	050		1/2	
INTSUMA0	I	TST051	023		1/8	
MAB001	I	UAB001	344		1/6	
MAB011	I	UAB011	045		1/6	
MAB021	I	UAB021	245		1/6	
MAB031	I	UAB031	345		1/6	
MAB041	I	UAB041	046		1/6	
MAB051	I	UAB051	146		1/6	
MAB061	I	UAB061	346		1/6	
MAB071	I	UAB071	047		1/6	
MAB081	I	UAB081	247		1/6	
MAB091	I	UAB091	347		1/6	
MAB101	I	UAB101	048		1/6	
MAB111	I	UAB111	148		1/6	

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SYMBOL(S) 2 3

10 PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE C2	ISSUE 2A
BELL LABORATORIES	SD-4C115-01	B#1CB	

PRINTED IN U. S. A. 06/29/83

PART OF FS 1
CONTROL

SYMBOL NO. 3 (CONT)
TRACE CONTROL UNIT(TN60)

SYMBOL NO. 4 (CONT)
MICRO CONTROL STORE(TN84B)

SYMBOL NO. 4 (CONT)
MICRO CONTROL STORE(TN84B)

SYMBOL NO. 4 (CONT)
MICRO CONTROL STORE(TN84B)

DESIG EOPT CODE ELEM OPT
TCU LOC 04-144 TN60(NOTE 305D) A

DESIG EOPT CODE ELEM OPT
MCS 04-138 TN84B(NOTE 305C) A

DESIG EOPT CODE ELEM OPT
MCS 04-138 TN84B(NOTE 305C) A

DESIG EOPT CODE ELEM OPT
MCS 04-138 TN84B(NOTE 305C) A

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
MAB121	I	UAB121	348		1/4, 1/5 1/6	
MAB131	I	UAB131	049		1/4, 1/5 1/6	
MAB141	I	UAB141	249		1/4, 1/5 1/6	
MAB151	I	UAB151	349		1/4, 1/5 1/6	
MBDA0	IO	BDA0	207		1/4, 1/5	
MBDA1	IO	BDA1	307		1/4, 1/5	
MBDA2	IO	BDA2	008		1/4, 1/5	
MBDA3	IO	BDA3	108		1/4, 1/5	
PARTYEA0	I	TST071	323		1/5	
PSVH	PWR	VCC	000		1/1	
	PWR	VCC	032		1/1	
	PWR	VCC	107		1/1	
	PWR	VCC	115		1/1	
	PWR	VCC	124		1/1	
	PWR	VCC	139		1/1	
	PWR	VCC	147		1/1	
RAMBCKA	PWR	VCC	156		1/1	
REMSPA	IO	RAMBCK	106		1/4, 1/5	
	IO	PSS	044		1/4	
RMRXDA	I	RMRXD	306		1/4, 1/5	
RMTXDA	O	RMTXD	007		1/4, 1/5	
RSTRMAD	O	RSTRMD	006		1/4, 1/5	
SNTYERA1	I	TST031	122		1/2	
SRCA01	I		110		1/2	
SRCA11	I		310		1/2	
SRCA21	I		011		1/2	
SRCA31	I		211		1/2	
SRCA41	I		311		1/2	
THRINTA0	I	TST061	223		1/2	

SYMBOL NO. 4
MICRO CONTROL STORE(TN84B)

DESIG EOPT CODE ELEM OPT
MCS 04-138 TN84B(NOTE 305C) A

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	O	CLKQA1	051			
	O	CLKQC1	052			
	O	BD3SELO	054			
	O	PARITYE0	152			
	O	BD4SELO	154			
	O	CYCEND1	251			
	O	BD1SELO	253			
	O	CLOCK1	350			
	O	CLKQB1	351			
	O	CLKQD1	352			
	O	BD2SELO	353			
	I	20MHZ1	144			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
BD2SELA0	I	STPCLK0	150			
	I	BD0CS1	236			
	I	ENCSD	053		1/5	
CPMH	IO	PCURPR	042		2/4	
CPPH	IO	NCURPR	040		2/4	
GRD04138	GRD	GRD	101			
	GRD	GRD	103			
	GRD	GRD	105			
	GRD	GRD	109			
	GRD	GRD	111			
	GRD	GRD	113			
	GRD	GRD	117			
	GRD	GRD	119			
	GRD	GRD	121			
	GRD	GRD	123			
	GRD	GRD	133			
	GRD	GRD	135			
	GRD	GRD	137			
	GRD	GRD	141			
	GRD	GRD	143			
	GRD	GRD	145			
	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	222			
	GRD	GRD	224			
	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	324			
	GRD	GRD	332			
	GRD	GRD	356			
MAB001	I	UAB001	344		1/6	
MAB011	I	UAB011	045		1/6	
MAB021	I	UAB021	245		1/6	
MAB031	I	UAB031	345		1/6	
MAB041	I	UAB041	046		1/6	
MAB051	I	UAB051	146		1/6	
MAB061	I	UAB061	346		1/6	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
MAB071	I	UAB071	047		1/6	
MAB081	I	UAB081	247		1/6	
MAB091	I	UAB091	347		1/6	
MAB101	I	UAB101	048		1/6	
MAB111	I	UAB111	148		1/6	
MAB121	I	UAB121	348		1/3	
MAB131	I	UAB131	049		1/3	
MAB141	I	UAB141	249		1/3	
MAB151	I	BOCS0	056		1/3	
MBDA0	I		207		1/3	
MBDA1	I		307		1/3	
MBDA2	I		008		1/3	
MBDA3	I		108		1/3	
MDB001	OT	UDB001	017		1/5	
	I				1/6	
MDB011	OT	UDB011	217		1/5	
	I				1/6	
MDB021	OT	UDB021	317		1/5	
	I				1/6	
MDB031	OT	UDB031	018		1/5	
	I				1/6	
MDB041	OT	UDB041	118		1/5	
	I				1/6	
MDB051	OT	UDB051	318		1/5	
	I				1/6	
MDB061	OT	UDB061	019		1/5	
	I				1/6	
MDB071	OT	UDB071	219		1/5	
	I				1/6	
MDB081	OT	UDB081	319		1/5	
	I				1/6	
MDB091	OT	UDB091	020		1/5	
	I				1/6	
MDB101	OT	UDB101	120		1/5	
	I				1/6	
MDB111	OT	UDB111	320		1/5	
	I				1/6	
MDB121	OT	UDB121	021		1/5	
	I				1/6	
MDB131	OT	UDB131	221		1/5	
	I				1/6	
MDB141	OT	UDB141	321		1/5	
	I				1/6	
MDB151	OT	UDB151	022		1/5	
	I				1/6	
MDB161	OT	UDB161	122		1/5	
	I				1/6	
MDB171	OT	UDB171	322		1/5	
	I				1/6	
MDB181	OT	UDB181	023		1/5	
	I				1/6	
MDB191	OT	UDB191	223		1/5	
	I				1/6	
MDB201	OT	UDB201	323		1/5	
	I				1/6	
MDB211	OT	UDB211	024		1/5	
	I				1/6	
MDB221	OT	UDB221	132		1/5	
	I				1/6	
MDB231	OT	UDB231	033		1/5	
	I				1/6	
MDB241	OT	UDB241	233		1/5	
	I				1/6	
MDB251	OT	UDB251	333		1/5	
	I				1/6	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
MDB261	OT	UDB261	034		1/5	
	I				1/6	
MDB271	OT	UDB271	134		1/5	
	I				1/6	
MDB281	OT	UDB281	334		1/5	
	I				1/6	
MDB291	OT	UDB291	035		1/5	
	I				1/6	
MDB301	OT	UDB301	235		1/5	
	I				1/6	
MDB311	OT	UDB311	335		1/5	
	I				1/6	
MDB321	OT	UDB321	036		1/5	
MDB331	OT	UDB331	136		1/5	
MDB341	OT	UDB341	336		1/5	
MDB351	OT	UDB351	037		1/5	
MDB361	OT	UDB361	237		1/5	
MDB371	OT	UDB371	337		1/5	
MDB381	OT	UDB381	038		1/5	
MDB391	OT	UDB391	138		1/5	
PSVH	PWR	VCC	000		1/1	
	PWR	VCC	032		1/1	
	PWR	VCC	107		1/1	
	PWR	VCC	115		1/1	
	PWR	VCC	124		1/1	
	PWR	VCC	139		1/1	
	PWR	VCC	147		1/1	
	PWR	VCC	156		1/1	
	PWR	VCC	106		1/3, 1/6	
	PWR	VCC	044		1/1, 1/2	
	PWR	VCC			1/3, 1/7	
	PWR	VCC			1/8	
RMRXDA	I		306		1/3	
RMTXDA	I		007		1/3	
RSTRMAD	I		006		1/3	
SRCSP0A0	I	SRCSP00	309		1/5, 1/6	

PART OF FS 1
SYMBOL(S) 3 4

10 PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		C2	2A
BELL LABORATORIES	SD-4C115-01	B#1CC	

PART OF FS 1
CONTROL

SYMBOL NO. 5
MICRO CONTROL STORE

SYMBOL NO. 5 (CONT)
MICRO CONTROL STORE

SYMBOL NO. 5 (CONT)
MICRO CONTROL STORE

SYMBOL NO. 6 (CONT)
PERIPHERAL CONTROLLER INTERFACE

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	0	CLKQA1	051			
	0	CLKQC1	052			
	0	BD3SELO	054			
	0	BD4SELO	154			
	0	CLKQB1	351			
	1	STPCLKO	150			
BD1SELA0	1	BDCS1	256			
	0	BD1SELO	233			
	1	ENCSD	053			
BD2SELA0	0	BD2SELO	355		1/4	
CLKQD1	0	CLKQD1	352		1/2, 1/8	
CLOCKA1	0	CLOCK1	350		1/2, 1/3, 1/6, 1/7, 1/8	
CPMH	10	PCURPR	042		1/1	
CPPH	10	NCURPR	040		1/1	
CYCENDA1	0	CYCEND1	251		1/2, 1/3, 1/7, 1/8	
GRD04132	GRD	GRD	101			
	GRD	GRD	103			
	GRD	GRD	105			
	GRD	GRD	109			
	GRD	GRD	111			
	GRD	GRD	113			
	GRD	GRD	117			
	GRD	GRD	119			
	GRD	GRD	121			
	GRD	GRD	123			
	GRD	GRD	133			
	GRD	GRD	135			
	GRD	GRD	137			
	GRD	GRD	141			
	GRD	GRD	143			
	GRD	GRD	145			
	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	222			
	GRD	GRD	224			
	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			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	250			
	GRD	GRD	252			
	GRD	GRD	254			
	GRD	GRD	324			
	GRD	GRD	332			
	GRD	GRD	356			
MAB001	1	UAB001	344		1/6	
MAB011	1	UAB011	045		1/6	
MAB021	1	UAB021	245		1/6	
MAB031	1	UAB031	345		1/6	
MAB041	1	UAB041	046		1/6	
MAB051	1	UAB051	146		1/6	
MAB061	1	UAB061	346		1/6	
MAB071	1	UAB071	047		1/6	
MAB081	1	UAB081	247		1/6	
MAB091	1	UAB091	347		1/6	
MAB101	1	UAB101	048		1/6	
MAB111	1	UAB111	148		1/6	
MAB121	1	UAB121	348		1/6	
MAB131	1	UAB131	049		1/6	
MAB141	1	UAB141	249		1/6	
MAB151	1	BDCS0	056		1/6	
MBA00	1		207		1/3	
MBA01	1		307		1/3	
MBA02	1		008		1/3	
MBA03	1		108		1/3	
MDB001	OT	UDB001	017		1/4	
MDB011	OT	UDB011	217		1/4	
MDB021	OT	UDB021	317		1/4	
MDB031	OT	UDB031	018		1/4	
MDB041	OT	UDB041	118		1/4	
MDB051	OT	UDB051	318		1/4	
MDB061	OT	UDB061	019		1/4	
MDB071	OT	UDB071	219		1/4	
MDB081	OT	UDB081	319		1/4	
MDB091	OT	UDB091	020		1/4	
MDB101	OT	UDB101	120		1/4	
MDB111	OT	UDB111	320		1/4	
MDB121	OT	UDB121	021		1/4	
MDB131	OT	UDB131	221		1/4	
MDB141	OT	UDB141	321		1/4	
MDB151	OT	UDB151	022		1/4	
MDB161	OT	UDB161	122		1/4	
MDB171	OT	UDB171	322		1/4	
MDB181	OT	UDB181	023		1/4	
MDB191	OT	UDB191	223		1/4	
MDB201	OT	UDB201	323		1/4	
MDB211	OT	UDB211	024		1/4	
MDB221	OT	UDB221	124		1/4	
MDB231	OT	UDB231	324		1/4	
MDB241	OT	UDB241	025		1/4	
MDB251	OT	UDB251	333		1/4	
MDB261	OT	UDB261	034		1/4	
MDB271	OT	UDB271	134		1/4	
MDB281	OT	UDB281	334		1/4	
MDB291	OT	UDB291	035		1/4	
MDB301	OT	UDB301	235		1/4	
MDB311	OT	UDB311	335		1/4	
MDB321	OT	UDB321	036		1/4	
MDB331	OT	UDB331	136		1/4	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
MDB341	OT	UDB341	336		1/4	
MDB351	OT	UDB351	037		1/4	
MDB361	OT	UDB361	237		1/4	
MDB371	OT	UDB371	337		1/4	
MDB381	OT	UDB381	038		1/4	
MDB391	OT	UDB391	138		1/4	
PARTYEA0	0	PARITYE0	152		1/3, 1/6	
P5VH	PHR	VCC	000		1/1	
	PHR	VCC	032		1/1	
	PHR	VCC	107		1/1	
	PHR	VCC	115		1/1	
	PHR	VCC	124		1/1	
	PHR	VCC	139		1/1	
	PHR	VCC	147		1/1	
	PHR	VCC	156		1/1	
RAMBOCKA	1		106		1/3	
REMSPA	OT	P5S	044		1/4	
RMRXDA	1		306		1/3	
RMTXDA	1		007		1/3	
RSTRMA0	1		006		1/3	
SRCSPOAD	1	SRCSPO0	309		1/6	
Z0MHZA1	1	Z0MHZ1	144		1/1	

SYMBOL NO. 6
PERIPHERAL CONTROLLER INTERFACE

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	1	ENSE01	010			
	1	COUT1	011			
	1	ZER01	012			
	1	UDR201	013			
	1	UDR231	014			
	1	UDR261	015			
	1	UDR291	016			
	1	DIRECT11	053			
	1	INT20	055			
	1	ENALU1	110			
	1	TCRST0	112			
	1	UDR241	114			
	1	UDR301	116			
	1	SINT20	144			
	1	INT40	154			
	1	OVFL01	211			
	1	UDR211	213			
	1	UDR271	215			
	1	TEST11	251			
	1	INT10	255			
	1	ENASEL1	310			
	1	NEG1	311			
	1	UDR221	313			
	1	UDR251	314			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I	UDR281	315			
	I	UDR311	316			
	I	INT00	355			
BICERA0	1	TEST21	351		1/2	
IFLGAO	1	INT30	354		1/2	
CLEARA00	1	CLEAR00	056		1/2	
CLEARA10	1	CLEAR10	256		1/3	
CLOCKA1	I	CLOCK1	350		1/5	
CPMH	10	PPRA	042		1/1	
CPPH	10	PPRB	040		1/1	
DBA001	10	DB001	300		1/2	
DBA011	10	DB011	001		1/2	
DBA021	10	DB021	201		1/2	
DBA031	10	DB031	301		1/2	
DBA041	10	DB041	002		1/2	
DBA051	10	DB051	102		1/2	
DBA061	10	DB061	302		1/2	
DBA071	10	DB071	003		1/2	
DBA081	10	DB081	203		1/2	
DBA091	10	DB091	303		1/2	
DBA101	10	DB101	004		1/2	
DBA111	10	DB111	104		1/2	
DBA121	10	DB121	304		1/2	
DBA131	10	DB131	005		1/2	
DBA141	10	DB141	205		1/2	
DBA151	10	DB151	305		1/2	
DBPHA1	10	SPPAR	100		1/2	
DBPLA1	10	DBPAR	006		1/2	
DFLGA0	1	TEST01	051		1/2, 1/3	
DSTA01	10	DEST01	008		1/7, 1/8	
DSTA11	10	DEST11	108		1/2, 1/3, 1/7, 1/8	
DSTA21	10	DEST21	308		1/2, 1/3, 1/7, 1/8	
DSTA31	10	DEST31	009		1/2, 1/3, 1/7, 1/8	
DSTA41	10	DEST41	209		1/2, 1/3, 1/7, 1/8	

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SYMBOL NO. 6 (CONT)
PERIPHERAL CONTROLLER INTERFACE

SYMBOL NO. 6 (CONT)
PERIPHERAL CONTROLLER INTERFACE

SYMBOL NO. 7
SELECTABLE MICROPROCESSOR INTERFACE

SYMBOL NO. 7 (CONT)
SELECTABLE MICROPROCESSOR INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
PIC	04-126	TN618	A	---	
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	GRD	GRD	145		
	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	222		
	GRD	GRD	224		
	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	324		
	GRD	GRD	332		
	GRD	GRD	356		
INHCKA00	I	INHCK00	050	1/2	
INHCKA10	I	INHCK10	150	1/2	
INTSUMA0	I	INT50	054	1/8	
INTSUM20	I	INT60	353	1/7	
MAB001	0	UAB001	344	1/3, 1/4	
MAB011	0	UAB011	045	1/3, 1/4	
MAB021	0	UAB021	245	1/3, 1/4	
MAB031	0	UAB031	345	1/3, 1/4	
MAB041	0	UAB041	046	1/3, 1/4	
MAB051	0	UAB051	146	1/3, 1/4	
MAB061	0	UAB061	346	1/3, 1/4	
MAB071	0	UAB071	047	1/3, 1/4	
MAB081	0	UAB081	247	1/3, 1/4	
MAB091	0	UAB091	347	1/3, 1/4	
MAB101	0	UAB101	048	1/3, 1/4	
MAB111	0	UAB111	148	1/3, 1/4	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
PIC	04-126	TN618	A	---	
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
MAB121	10	UAB121	348	1/3	
MAB131	10	UAB131	049	1/3	
MAB141	10	UAB141	249	1/3	
MAB151	10	UAB151	349	1/3	
MDB001	1	UDB001	017	1/4	
MDB011	1	UDB011	217	1/4	
MDB021	1	UDB021	317	1/4	
MDB031	1	UDB031	018	1/4	
MDB041	1	UDB041	118	1/4	
MDB051	1	UDB051	318	1/4	
MDB061	1	UDB061	019	1/4	
MDB071	1	UDB071	219	1/4	
MDB081	1	UDB081	319	1/4	
MDB091	1	UDB091	020	1/4	
MDB101	1	UDB101	120	1/4	
MDB111	1	UDB111	320	1/4	
MDB121	1	UDB121	021	1/4	
MDB131	1	UDB131	221	1/4	
MDB141	1	UDB141	321	1/4	
MD3151	1	UDB151	022	1/4	
MD3161	10	UDB161	122	1/4	
MDB171	10	UDB171	322	1/4	
MDB181	10	UDB181	023	1/4	
MDB191	10	UDB191	223	1/4	
MDB201	10	UDB201	323	1/4	
MDB211	10	UDB211	024	1/4	
MDB221	10	UDB221	132	1/4	
MDB231	10	UDB231	033	1/4	
MDB241	10	UDB241	233	1/4	
MDB251	10	UDB251	333	1/4	
MDB261	10	UDB261	034	1/4	
MDB271	10	UDB271	134	1/4	
MDB281	10	UDB281	334	1/4	
MDB291	10	UDB291	035	1/4	
MDB301	10	UDB301	235	1/4	
MDB311	10	UDB311	335	1/4	
PARTYEA0	I	PARITYE0	152	1/5	
P5VH	PWR	+5	000	1/1	
	PWR	+5	032	1/1	
	PWR	+5	107	1/1	
	PWR	+5	115	1/1	
	PWR	+5	124	1/1	
	PWR	+5	139	1/1	
	PWR	+5	147	1/1	
	PWR	+5	156	1/1	
RENSPA	PWR	P55	044	1/4	
SRCA01	10	SOURCE01	106	1/2	
SRCA11	10	SOURCE11	306	1/2	
SRCA21	10	SOURCE21	007	1/2	
SRCA31	10	SOURCE31	207	1/2	
SRCA41	10	SOURCE41	307	1/2	
SRCSPOA0	10	DESTSPO0	309	1/4	
THR.INTA0	I	INT70	253	1/2	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
SMI	04-118	UN258(NOTE 305B)	A	---	
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
NC	0	DMAD0000	020		
	0	DMAD0001	033		
	0	DMAD0301	035		
	0	DMAD0701	038		
	0	DMAD0901	040		
	0	DMAD1201	042		
	0	DMAD0501	052		
	0	DMAD0900	056		
	0	DMAD1501	144		
	0	DMAD0201	234		
	0	DMAD0601	237		
	0	DMAD1101	241		
	0	DMAD0000	321		
	0	DMAD1401	343		
	0	DTAPER01	400		
	0	DMAD0000	420		
	0	DMAD0101	433		
	0	DMAD0501	436		
	0	DMAD0801	438		
	0	DMAD1001	440		
	0	DMAD1301	442		
	0	DMAD0401	535		
	I	INT010	053		
	I	SRO010	122		
	I	DMAD00B1	145		
	I	DMAD03B1	147		
	I	DMAD04B1	148		
	I	DMAD07B1	150		
	I	SRO110	222		
	I	INT0110	253		
	I	DMAD02B1	346		
	I	DMAD06B1	349		
	I	INT0210	353		
	I	TOP1	356		
	I	SRO210	422		
	I	SRO310	522		
	I	DMAD01B1	545		
	I	DMAD05B1	548		
	I	DMAD08B1	551		
	I	INT0310	553		
CINT40	0	CINT000	118	2/1	
CINT50	0	CINT100	318	2/1	
CINT60	0	CINT200	418		
CINT70	0	CINT300	518		
CLKDD1	I	CLKDTA10	156	1/5	
CLOCKA1	I	CLOCK11	350	1/5	
CLRPC40	D	CLR000	016	2/1	
CLRPC50	D	CLR100	116	2/1	
CLRPC60	0	CLR200	216		
CLRPC70	0	CLR300	316		
CPMH	10	PCURPR	339	2/4	
CPPH	10	NCURPR	239	2/4	
CSA400	I	CSA0010	113	2/1	
CSA410	I	CSA0110	213	2/1	
CSA420	I	CSA0210	313	2/1	
CSA430	I	CSA0310	413	2/1	
CSA500	I	CSA1010	513	2/1	
CSA510	I	CSA1110	014	2/1	
CSA520	I	CSA1210	114	2/1	
CSA530	I	CSA1310	314	2/1	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	
SMI	04-118	UN258(NOTE 305B)	A	---	
LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
CSA600	I	CSA2010	414		
CSA610	I	CSA2110	514		
CSA620	I	CSA2210	015		
CSA630	I	CSA2310	115		
CSA700	I	CSA3010	215		
CSA710	I	CSA3110	315		
CSA720	I	CSA3210	415		
CSA730	I	CSA3310	515		
CYCENDA1	I	CYCEND11	251	1/5	
DBA001	10	DB00B1	001	1/2	
DBA011	10	DB01B1	101	1/2	
	10	DB01T1	500	1/2	
DBA021	10	DB02B1	201	1/2	
DBA031	10	DB03B1	301	1/2	
DBA041	10	DB04B1	401	1/2	
DBA051	10	DB05B1	501	1/2	
DBA061	10	DB06B1	002	1/2	
DBA071	10	DB07B1	102	1/2	
DBA081	10	DB08B1	202	1/2	
DBA091	10	DB09B1	302	1/2	
DBA101	10	DB10B1	402	1/2	
DBA111	10	DB11B1	502	1/2	
DBA121	10	DB12B1	003	1/2	
DBA131	10	DB13B1	103	1/2	
DBA141	10	DB14B1	203	1/2	
DBA151	10	DB15B1	303	1/2	
DBPHA1	10	DBPHB1	503	1/2	
DBPLA1	10	DBPLB1	403	1/2	
DMAD501	10	DMAD10B1	245		
DMAD511	10	DMAD11B1	046		
DMAD521	10	DMAD12B1	446		
DMAD531	10	DMAD13B1	447		
DMAD541	10	DMAD14B1	248		
DMAD551	10	DMAD15B1	049		
DMAD561	10	DMAD16B1	449		
DMAD571	10	DMAD17B1	250		
DMAD581	10	DMAD18B1	451		
DMAD601	10	DMAD20B1	345		
DMAD611	10	DMAD21B1	146		
DMAD621	10	DMAD22B1	546		
DMAD631	10	DMAD23B1	547		
DMAD641	10	DMAD24B1	348		
DMAD651	10	DMAD25B1	149		
DMAD661	10	DMAD26B1	549		
DMAD671	10	DMAD27B1	450		

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SYMBOL NO. 7 (CONT)
SELECTABLE MICROPROCESSOR INTERFACE

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
SMI	04-118	UN258(NOTE 305B)	A								
DMAD741	10	DMAD3481	448								
DMAD751	10	DMAD3581	249								
DMAD761	10	DMAD3681	050								
DMAD771	10	DMAD3781	550								
DMAD781	10	DMAD3881	051								
DMAOC50	0	DMAOC100	520								
DMAOC60	0	DMAOC200	021								
DMAOC70	0	DMAOC300	121								
DMAOC80	0	DMAOC400	120								
DMAOC90	0	DMAOC500	220								
DMAOC100	0	DMAOC600	320								
DMAOC110	0	DMAOC700	421								
DMAOC120	0	DMAOC800	521								
DMAOC130	0	DMAOC900	022								
DMAOC140	0	DMAOC1000	019								
DMAOC150	0	DMAOC1100	219								
DMAOC160	0	DMAOC1200	319								
DMAOC170	0	DMAOC1300	519								
DMAOC180	0	DMAOC1400	133								
DMAOC190	0	DMAOC1500	333								
DMAOC200	0	DMAOC1600	533								
DMAOC210	0	DMAOC1700	334								
DMAOC220	0	DMAOC1800	135								
DMAOC230	0	DMAOC1900	036								
DMAOC240	0	DMAOC2000	536								
DMAOC250	0	DMAOC2100	337								
DMAOC260	0	DMAOC2200	138								
DMAOC270	0	DMAOC2300	538								
DMAOC280	0	DMAOC2400	140								
DMAOC290	0	DMAOC2500	540								
DMAOC300	0	DMAOC2600	341								
DMAOC310	0	DMAOC2700	142								
DMAOC320	0	DMAOC2800	542								
DMAOC330	0	DMAOC2900	443								
DMAOC340	0	DMAOC3000	244								
DMAOC350	0	DMAOC3100	544								
DMAOC360	0	DMAOC3200	345								
DMAOC370	0	DMAOC3300	146								
DMAOC380	0	DMAOC3400	546								
DMAOC390	0	DMAOC3500	347								
DMAOC400	0	DMAOC3600	148								
DMAOC410	0	DMAOC3700	548								
DMAOC420	0	DMAOC3800	349								
DMAOC430	0	DMAOC3900	150								
DMAOC440	0	DMAOC4000	550								
DMAOC450	0	DMAOC4100	351								
DMAOC460	0	DMAOC4200	152								
DMAOC470	0	DMAOC4300	552								
DMAOC480	0	DMAOC4400	353								
DMAOC490	0	DMAOC4500	154								
DMAOC500	0	DMAOC4600	554								
DMAOC510	0	DMAOC4700	355								
DMAOC520	0	DMAOC4800	156								
DMAOC530	0	DMAOC4900	556								
DMAOC540	0	DMAOC5000	357								
DMAOC550	0	DMAOC5100	158								
DMAOC560	0	DMAOC5200	558								
DMAOC570	0	DMAOC5300	359								
DMAOC580	0	DMAOC5400	160								
DMAOC590	0	DMAOC5500	560								
DMAOC600	0	DMAOC5600	361								
DMAOC610	0	DMAOC5700	162								
DMAOC620	0	DMAOC5800	562								
DMAOC630	0	DMAOC5900	363								
DMAOC640	0	DMAOC6000	164								
DMAOC650	0	DMAOC6100	564								
DMAOC660	0	DMAOC6200	365								
DMAOC670	0	DMAOC6300	166								
DMAOC680	0	DMAOC6400	566								
DMAOC690	0	DMAOC6500	367								
DMAOC700	0	DMAOC6600	168								
DMAOC710	0	DMAOC6700	568								
DMAOC720	0	DMAOC6800	369								
DMAOC730	0	DMAOC6900	170								
DMAOC740	0	DMAOC7000	570								
DMAOC750	0	DMAOC7100	371								
DMAOC760	0	DMAOC7200	172								
DMAOC770	0	DMAOC7300	572								
DMAOC780	0	DMAOC7400	373								
DMAOC790	0	DMAOC7500	174								
DMAOC800	0	DMAOC7600	574								
DMAOC810	0	DMAOC7700	375								
DMAOC820	0	DMAOC7800	176								
DMAOC830	0	DMAOC7900	576								
DMAOC840	0	DMAOC8000	377								
DMAOC850	0	DMAOC8100	178								
DMAOC860	0	DMAOC8200	578								
DMAOC870	0	DMAOC8300	379								
DMAOC880	0	DMAOC8400	180								
DMAOC890	0	DMAOC8500	580								
DMAOC900	0	DMAOC8600	381								
DMAOC910	0	DMAOC8700	182								
DMAOC920	0	DMAOC8800	582								
DMAOC930	0	DMAOC8900	383								
DMAOC940	0	DMAOC9000	184								
DMAOC950	0	DMAOC9100	584								
DMAOC960	0	DMAOC9200	385								
DMAOC970	0	DMAOC9300	186								
DMAOC980	0	DMAOC9400	586								
DMAOC990	0	DMAOC9500	387								
DMAOC1000	0	DMAOC9600	188								
DMAOC1010	0	DMAOC9700	588								
DMAOC1020	0	DMAOC9800	389								
DMAOC1030	0	DMAOC9900	190								
DMAOC1040	0	DMAOC10000	590								
DMAOC1050	0	DMAOC10100	391								
DMAOC1060	0	DMAOC10200	192								
DMAOC1070	0	DMAOC10300	592								
DMAOC1080	0	DMAOC10400	393								
DMAOC1090	0	DMAOC10500	194								
DMAOC1100	0	DMAOC10600	594								
DMAOC1110	0	DMAOC10700	395								
DMAOC1120	0	DMAOC10800	196								
DMAOC1130	0	DMAOC10900	596								
DMAOC1140	0	DMAOC11000	397								
DMAOC1150	0	DMAOC11100	198								
DMAOC1160	0	DMAOC11200	598								
DMAOC1170	0	DMAOC11300	399								
DMAOC1180	0	DMAOC11400	200								
DMAOC1190	0	DMAOC11500	205								
DMAOC1200	0	DMAOC11600	209								
DMAOC1210	0	DMAOC11700	214								
DMAOC1220	0	DMAOC11800	218								
DMAOC1230	0	DMAOC11900	221								
DMAOC1240	0	DMAOC12000	236								
DMAOC1250	0	DMAOC12100	243								
DMAOC1260	0	DMAOC12200	247								
DMAOC1270	0	DMAOC12300	252								
DMAOC1280	0	DMAOC12400	300								
DMAOC1290	0	DMAOC12500	304								
DMAOC1300	0	DMAOC12600	307								
DMAOC1310	0	DMAOC12700	312								
DMAOC1320	0	DMAOC12800	317								
DMAOC1330	0	DMAOC12900	322								
DMAOC1340	0	DMAOC13000	332								
DMAOC1350	0	DMAOC13100	335								
DMAOC1360	0	DMAOC13200	344								
DMAOC1370	0	DMAOC13300</									

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CONTROL

SYMBOL NO. 8 SELECTABLE MICROPROCESSOR INTERFACE							SYMBOL NO. 8 (CONT) SELECTABLE MICROPROCESSOR INTERFACE							SYMBOL NO. 8 (CONT) SELECTABLE MICROPROCESSOR INTERFACE							SYMBOL NO. 8 (CONT) SELECTABLE MICROPROCESSOR INTERFACE						
DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT		
SMI	04-110	UN25B	A				SMI	04-110	UN25B	A				SMI	04-110	UN25B	A				SMI	04-110	UN25B	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
DESIG		MOD	MOD	MOD			DESIG		MOD	MOD	MOD			DESIG		MOD	MOD	MOD			DESIG		MOD	MOD	MOD		
NC	I	TOP1	356				DMAD021	IO	DMAD02B1	346		2/1, 2/2		DMAD351	IO	DMAD35B1	249		1/9, 2/17		DMA0071	0	DMA00701	038		2/1, 2/2	
CINT00	O	CINT000	118		2/1, 2/2		DMAD031	IO	DMAD03B1	147		2/3, 2/4		DMAD361	IO	DMAD36B1	030		2/13, 2/14		DMA0081	0	DMA00801	438		2/3, 2/4	
CINT10	O	CINT100	318		2/3, 2/4		DMAD041	IO	DMAD04B1	148		2/1, 2/2		DMAD371	IO	DMAD37B1	550		2/15, 2/16		DMA0091	0	DMA00901	040		2/3, 2/4	
CINT20	O	CINT200	418		2/5, 2/6		DMAD051	IO	DMAD05B1	548		2/1, 2/2		DMAD381	IO	DMAD38B1	051		1/9, 2/17		DMA0101	0	DMA01001	440		2/1, 2/2	
CINT30	O	CINT300	518		2/7, 2/8		DMAD061	IO	DMAD06B1	349		2/3, 2/4		DMAD391	IO	DMAD39B1	550		2/13, 2/14		DMA0111	0	DMA01101	241		2/1, 2/2	
CLK001	I	CLKD1A10	156		2/14, 2/15		DMAD071	IO	DMAD07B1	150		2/1, 2/2		DMAD401	IO	DMAD40B1	051		2/15, 2/16		DMA0121	0	DMA01201	042		2/3, 2/4	
CLOCKA1	I	CLOCK11	350		1/5		DMAD081	IO	DMAD08B1	551		2/3, 2/4		DMAD411	IO	DMAD41B1	046		1/9, 2/17		DMA0131	0	DMA01301	442		2/1, 2/2	
CLRPC00	O	CLRPC000	016		2/1, 2/2		DMAD101	IO	DMAD10B1	245		2/5, 2/6		DMAD421	IO	DMAD42B1	446		2/1, 2/2		DMA0141	0	DMA01401	343		2/3, 2/4	
CLRPC10	O	CLRPC100	116		2/3, 2/4		DMAD111	IO	DMAD11B1	046		2/7, 2/8		DMAD431	IO	DMAD43B1	447		2/3, 2/4		DMA0151	0	DMA01501	144		2/1, 2/2	
CLRPC20	O	CLRPC200	216		2/5, 2/6		DMAD121	IO	DMAD12B1	446		2/3, 2/4		DMAD441	IO	DMAD44B1	248		2/7, 2/8		DMA01001	0	DMA010001	133		2/5, 2/6	
CLRPC30	O	CLRPC300	316		2/7, 2/8		DMAD131	IO	DMAD13B1	447		2/5, 2/6		DMAD451	IO	DMAD45B1	049		1/10, 2/9		DMA01011	0	DMA010101	533		2/7, 2/8	
CPMH	IO	PCURPR	339		2/16, 2/17		DMAD141	IO	DMAD14B1	248		2/7, 2/8		DMAD461	IO	DMAD46B1	449		2/14, 2/15		DMA01021	0	DMA010201	334		2/5, 2/6	
CPPH	IO	NCURPR	239		1/1		DMAD151	IO	DMAD15B1	049		2/5, 2/6		DMAD471	IO	DMAD47B1	250		2/16, 2/17		DMA01031	0	DMA010301	135		2/7, 2/8	
CSA000	I	CSA0010	115		2/1		DMAD161	IO	DMAD16B1	449		2/7, 2/8		DMAD481	IO	DMAD48B1	451		2/10, 2/11		DMA01041	0	DMA010401	036		2/5, 2/6	
CSA010	I	CSA0110	213		2/2		DMAD171	IO	DMAD17B1	250		2/5, 2/6		DMAD491	IO	DMAD49B1	020		2/7, 2/8		DMA01051	0	DMA010501	536		2/7, 2/8	
CSA020	I	CSA0210	313		2/3		DMAD181	IO	DMAD18B1	451		2/5, 2/6		DMAD501	IO	DMAD50B1	120		2/12, 2/18		DMA01061	0	DMA010601	337		2/5, 2/6	
CSA030	I	CSA0310	413		2/4		DMAD201	IO	DMAD20B1	345		2/7, 2/8		DMAD511	IO	DMAD51B1	220		1/9, 2/13		DMA01071	0	DMA010701	138		2/7, 2/8	
CSA100	I	CSA1010	513		2/5		DMAD211	IO	DMAD21B1	146		2/9, 2/10		DMAD521	IO	DMAD52B1	320		2/10, 2/11		DMA01081	0	DMA010801	538		2/5, 2/6	
CSA110	I	CSA1110	014		2/6		DMAD221	IO	DMAD22B1	546		2/9, 2/10		DMAD531	IO	DMAD53B1	020		2/11, 2/12		DMA01091	0	DMA010901	140		2/7, 2/8	
CSA120	I	CSA1210	114		2/7		DMAD231	IO	DMAD23B1	547		2/11, 2/12		DMAD541	IO	DMAD54B1	320		1/9, 2/13		DMA01101	0	DMA011001	540		2/5, 2/6	
CSA130	I	CSA1310	314		2/8		DMAD241	IO	DMAD24B1	348		1/10, 2/18		DMAD551	IO	DMAD55B1	019		2/12, 2/18		DMA01111	0	DMA011101	341		2/7, 2/8	
CSA200	I	CSA2010	414		2/9		DMAD251	IO	DMAD25B1	149		2/9, 2/10		DMAD561	IO	DMAD56B1	519		2/14, 2/15		DMA01121	0	DMA011201	142		2/5, 2/6	
CSA210	I	CSA2110	514		2/10		DMAD261	IO	DMAD26B1	549		2/11, 2/12		DMAD571	IO	DMAD57B1	019		2/16, 2/17		DMA01131	0	DMA011301	542		2/7, 2/8	
CSA220	I	CSA2210	015		2/11		DMAD271	IO	DMAD27B1	450		1/10, 2/18		DMAD581	IO	DMAD58B1	219		2/3, 2/4		DMA01141	0	DMA011401	443		2/5, 2/6	
CSA230	I	CSA2310	115		2/12		DMAD281	IO	DMAD28B1	151		2/9, 2/10		DMAD591	IO	DMAD59B1	319		2/5, 2/6		DMA01151	0	DMA011501	244		2/7, 2/8	
CSA300	I	CSA3010	215		2/13		DMAD291	IO	DMAD29B1	546		2/11, 2/12		DMAD601	IO	DMAD60B1	519		2/7, 2/8		DMA2001	0	DMA20001	233		1/10, 2/9	
CSA310	I	CSA3110	315		2/14		DMAD301	IO	DMAD30B1	445		2/9, 2/10		DMAD611	IO	DMAD61B1	033		2/14, 2/15		DMA2011	0	DMA20101	034		2/10, 2/11	
CSA320	I	CSA3210	415		2/15		DMAD311	IO	DMAD31B1	246		2/11, 2/12		DMAD621	IO	DMAD62B1	433		2/16, 2/17		DMA0001	0	DMA00001	033		2/12, 2/18	
CSA330	I	CSA3310	515		2/16		DMAD321	IO	DMAD32B1	047		2/13, 2/14		DMAD631	IO	DMAD63B1	234		2/1, 2/2		DMA0011	0	DMA00101	433		1/10, 2/9	
CYCENDA1	I	CYCENDA11	251		1/5		DMAD331	IO	DMAD33B1	048		2/15, 2/16		DMAD641	IO	DMAD64B1	035		2/3, 2/4		DMA0021	0	DMA00201	234		2/10, 2/11	
DBA001	IO	DB00B1	001		1/2		DMAD341	IO	DMAD34B1	448		2/1, 2/2		DMAD651	IO	DMAD65B1	436		2/1, 2/2		DMA0031	0	DMA00301	035		2/12, 2/18	
DBA011	IO	DB01B1	101		1/2							2/3, 2/4		DMAD661	IO	DMAD66B1	237		2/1, 2/2		DMA0041	0	DMA00401	535		2/10, 2/11	
DBA021	IO	DB02B1	201		1/2							2/5, 2/6		DMAD671	IO	DMAD67B1	047		2/3, 2/4		DMA0051	0	DMA00501	436		2/12, 2/18	
DBA031	IO	DB03B1	301		1/2							2/7, 2/8		DMAD681	IO	DMAD68B1	549		2/1, 2/2		DMA0061	0	DMA00601	237		2/10, 2/11	
DBA041	IO	DB04B1	401		1/2							2/3, 2/4		DMAD691	IO	DMAD69B1	450		2/16, 2/17		DMA0071	0	DMA00701	038		2/12, 2/18	
DBA051	IO	DB05B1	501		1/2							2/5, 2/6		DMAD701	IO	DMAD70B1	550		2/1, 2/2		DMA0081	0	DMA00801	438		2/10, 2/11	
DBA061	IO	DB06B1	602		1/2							2/7, 2/8		DMAD711	IO	DMAD71B1	046		2/1, 2/2		DMA0091	0	DMA00901	040		2/12, 2/18	
DBA071	IO	DB07B1	102		1/2							2/3, 2/4		DMAD721	IO	DMAD72B1	450		2/10, 2/11		DMA0101	0	DMA01001	440		2/10, 2/11	
DBA081	IO	DB08B1	202		1/2							2/5, 2/6		DMAD731	IO	DMAD73B1	151		2/16, 2/17		DMA0111	0	DMA01101	241		2/12, 2/18	
DBA091	IO	DB09B1	302		1/2							2/7, 2/8		DMAD741	IO	DMAD74B1	549		2/1, 2/2		DMA0121	0	DMA01201	042		2/10, 2/11	
DBA101	IO	DB10B1	402		1/2							2/3, 2/4		DMAD751	IO	DMAD75B1	445		2/1, 2/2		DMA0131	0	DMA01301	442		2/12, 2/18	
DBA111	IO	DB11B1	502		1/2							2/5, 2/6		DMAD761	IO	DMAD76B1	246		2/3, 2/4		DMA0141	0	DMA01401	343		2/1, 2/2	
DBA121	IO	DB12B1	003		1/2							2/7, 2/8		DMAD771	IO	DMAD77B1	546		2/15, 2/16		DMA0151	0	DMA01501	144		2/3, 2/4	
DBA131	IO	DB13B1	103		1/2							2/5, 2/6		DMAD781	IO	DMAD78B1	448		1/9, 2/17		DMA0161	0	DMA01601	442		2/1, 2/2	
DBA141	IO	DB14B1	203		1/2							2/7, 2/8		DMAD791	IO	DMAD79B1	047		2/13, 2/14		DMA0171	0	DMA01701	343		2/3, 2/4	
DBA151	IO	DB15B1	303		1/2							2/5, 2/6		DMAD801	IO	DMAD80B1	5										

PART OF FS 1
CONTROL

SYMBOL NO. 9
TERMINAL FIELD

SYMBOL NO. 9 (CONT)
TERMINAL FIELD

SYMBOL NO. 10 (CONT)
TERMINAL FIELD

DESIG EOPT CODE ELEM OPT
LOC TF IDENT A

DESIG EOPT CODE ELEM OPT
LOC TF IDENT A

DESIG EOPT CODE ELEM OPT
TF04076 04-076 TF A

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
CINT30	I		123		1/8	
CLRPC30	I		021		1/8	
CSA300	I		119		2/13	
CSA310	I		120		2/14	
CSA320	I		020		2/15	
CSA330	I		121		2/16	
DMAD301	I		048		1/8	
DMAD311	I		149		1/8	
DMAD321	I		049		1/8	
DMAD331	I		050		1/8	
DMAD341	I		151		1/8	
DMAD351	I		051		1/8	
DMAD361	I		152		1/8	
DMAD371	I		052		1/8	
DMAD381	I		153		1/8	
DMAOC30	I		133		1/8	
DMAOD30	I		033		1/8	
DMAOQ30	I		034		1/8	
DMAHR30	I		023		1/8	
DMA3001	I		136		1/8	
DMA3011	I		037		1/8	
DMA3021	I		138		1/8	
DMA3031	I		139		1/8	
DMA3041	I		039		1/8	
DMA3051	I		140		1/8	
DMA3061	I		040		1/8	
DMA3071	I		141		1/8	
DMA3081	I		041		1/8	
DMA3091	I		142		1/8	
DMA3101	I		042		1/8	
DMA3111	I		146		1/8	
DMA3121	I		046		1/8	
DMA3131	I		147		1/8	
DMA3141	I		047		1/8	
DMA3151	I		148		1/8	
ER300	I		114		2/13	
ER310	I		115		2/14	
ER320	I		015		2/15	
ER330	I		116		2/16	
GRDPC4	GRD		013		1/9	
	GRD		019		1/9	
	GRD		113		1/9	
	GRD		118		1/9	
	GRD		124		1/9	
	GRD		024		2/17	
GRDPC5	GRD		032		1/9	
	GRD		038		1/9	
	GRD		043		1/9	
	GRD		132		1/9	
	GRD		143		1/9	
	GRD		137		2/17	
GRDPC6	GRD		045		1/9	
	GRD		056		1/9	
	GRD		150		1/9	
INT300	GRD		156		1/9	
	GRD		145		2/17	
	I		154		2/13	
INT310	I		054		2/14	
INT320	I		155		2/15	
INT330	I		055		2/16	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
OOL30	I		014		4/7	
OOS31	I		053		1/8	
PCSEL300	I		016		1/8	
PCSEL310	I		117		1/8	
PCSEL320	I		017		1/8	
PCSEL330	I		018		1/8	
RISL830	I		022		1/8	
SISL830	I		122		1/8	
SR300	I		134		2/13	
SR310	I		035		2/14	
SR320	I		135		2/15	
SR330	I		036		2/16	

SYMBOL NO. 10
TERMINAL FIELD

DESIG EOPT CODE ELEM OPT
TF04076 04-076 TF A

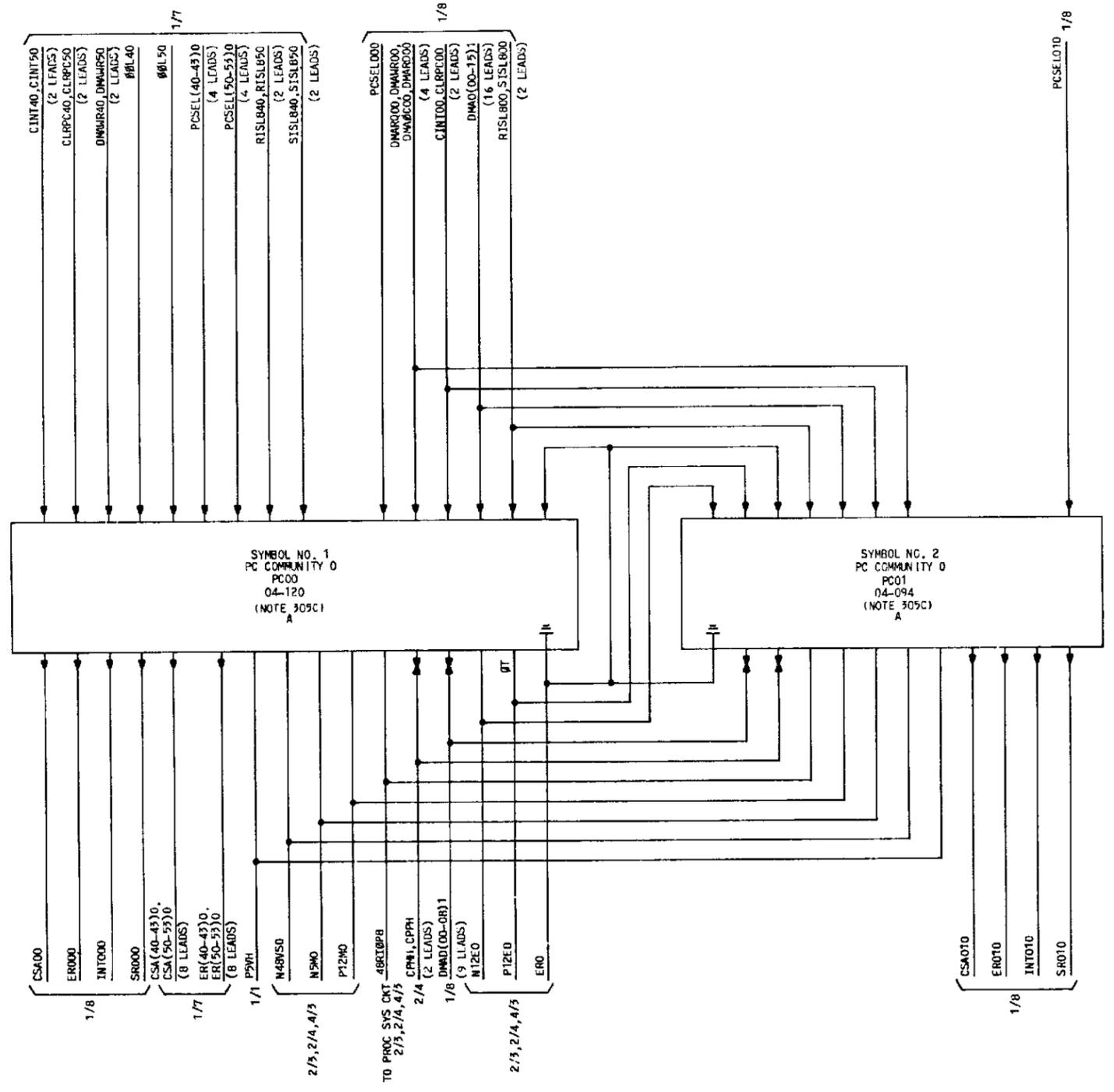
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
CINT20	I		123		1/8	
CLRPC20	I		021		1/8	
CSA200	I		119		2/9	
CSA210	I		120		2/10	
CSA220	I		020		2/11	
CSA230	I		121		2/12	
DMAD201	I		048		1/8	
DMAD211	I		149		1/8	
DMAD221	I		049		1/8	
DMAD231	I		050		1/8	
DMAD241	I		151		1/8	
DMAD251	I		051		1/8	
DMAD261	I		152		1/8	
DMAD271	I		052		1/8	
DMAD281	I		153		1/8	
DMAOC20	I		133		1/8	
DMAOD20	I		033		1/8	
DMAOQ20	I		034		1/8	
DMAHR20	I		023		1/8	
DMA2001	I		136		1/8	
DMA2011	I		037		1/8	
DMA2021	I		138		1/8	
DMA2031	I		139		1/8	
DMA2041	I		039		1/8	
DMA2051	I		140		1/8	
DMA2061	I		040		1/8	
DMA2071	I		141		1/8	
DMA2081	I		041		1/8	
DMA2091	I		142		1/8	
DMA2101	I		042		1/8	
DMA2111	I		146		1/8	
DMA2121	I		046		1/8	
DMA2131	I		147		1/8	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
DMA2141	I		047		1/8	
DMA2151	I		148		1/8	
ER200	I		114		2/9	
ER210	I		115		2/10	
ER220	I		015		2/11	
ER230	I		116		2/12	
GRDPC1	GRD		013		1/10	
	GRD		019		2/18	
	GRD		024		1/10	
	GRD		113		1/10	
	GRD		118		1/10	
	GRD		124		1/10	
GRDPC2	GRD		032		1/10	
	GRD		038		1/10	
	GRD		043		1/10	
	GRD		132		1/10	
	GRD		137		1/10	
	GRD		143		2/18	
GRDPC3	GRD		045		1/10	
	GRD		056		1/10	
	GRD		145		1/10	
	GRD		150		2/18	
	GRD		156		1/10	
	I		154		2/9	
INT200	I					
INT210	I		054		2/10	
INT220	I		155		2/11	
INT230	I		055		2/12	
OOL20	I		014		4/6	
OOS21	I		053		1/8	
PCSEL200	I		016		1/8	
PCSEL210	I		117		1/8	
PCSEL220	I		017		1/8	
PCSEL230	I		018		1/8	
RISL820	I		022		1/8	
SISL820	I		122		1/8	
SR200	I		134		2/9	
SR210	I		035		2/10	
SR220	I		135		2/11	
SR230	I		036		2/12	

PART OF FS 1
SYMBOL(S) 9 10

10 PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		C2	1
BELL LABORATORIES	SD-4C115-01	B#1CJ	

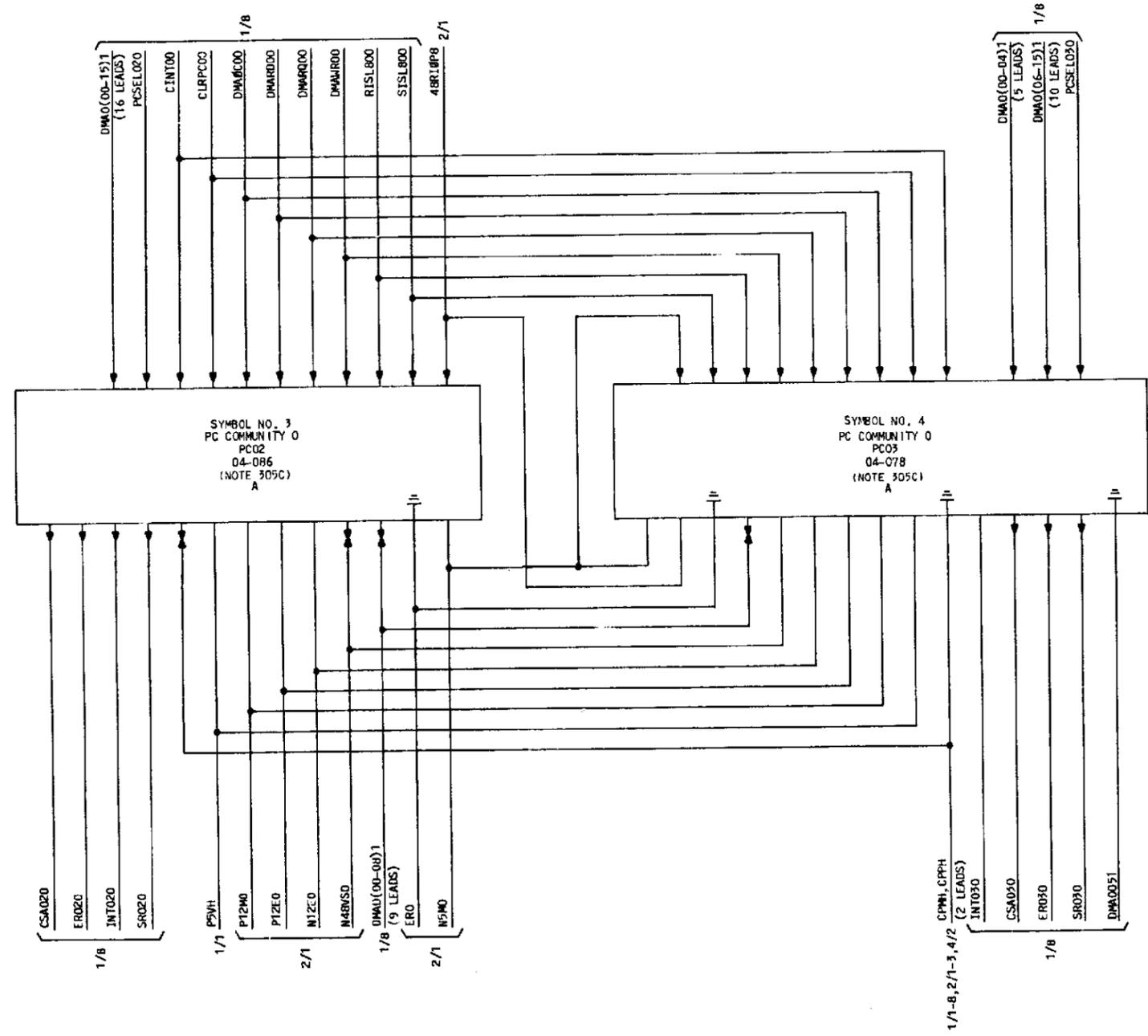
PART OF FS 2
 PERIPHERAL CONTROLLER
 INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 2
 IFD SYMBOL(S): 1,2

IO PROCESSOR AND DFC CONTROLLER UNIT	DWB SIZE	ISSUE
	48	2A
BELL LABORATORIES	SD-4C115-01	SHEET B # 2AA

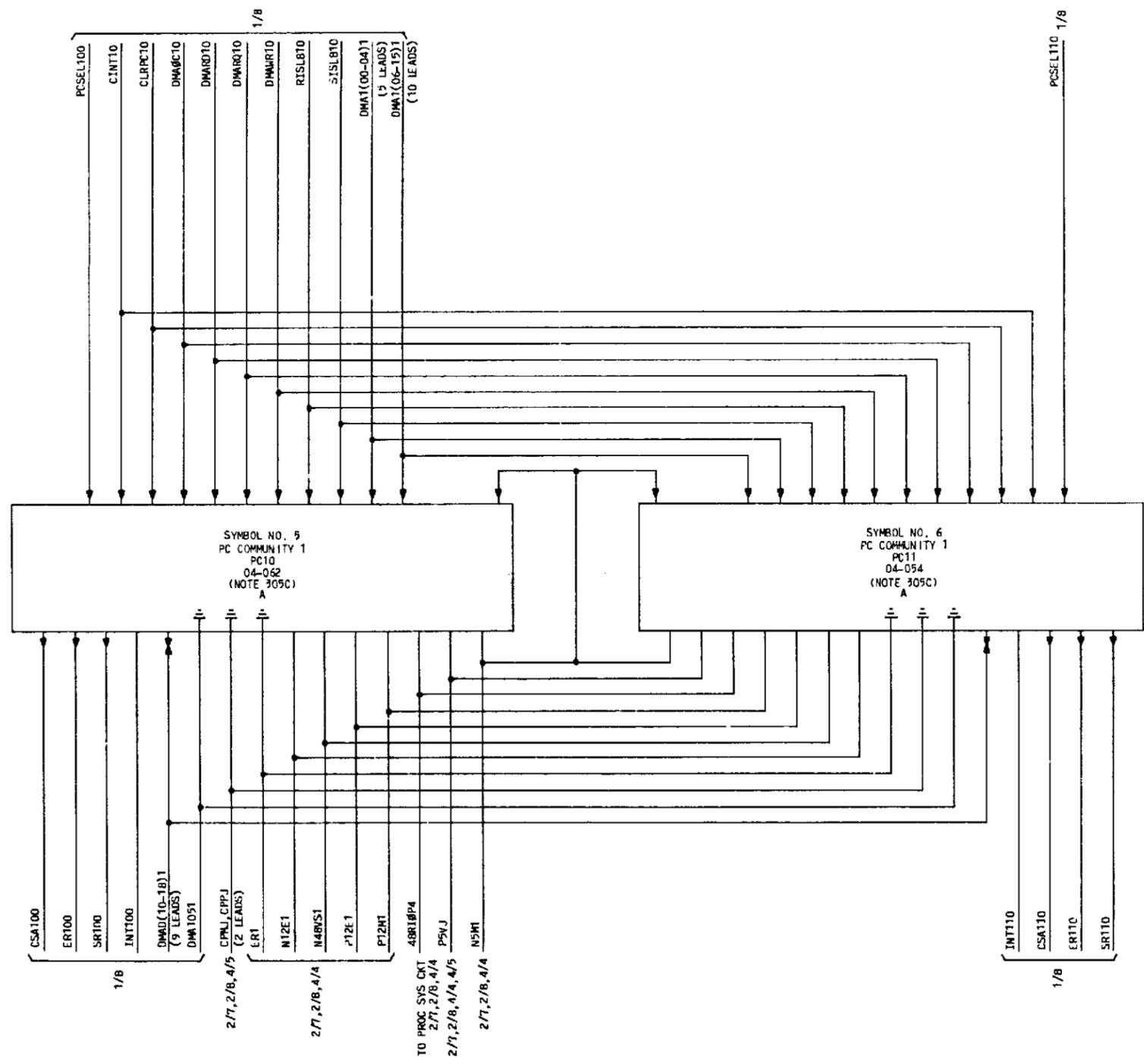
PART OF FS 2
 PERIPHERAL CONTROLLER
 INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 2
 I/FD SYMBOL(S): 3,4

IO PROCESSOR AND DFC CONTROLLER UNIT	DWG SIZE	ISSUE
	08	2A
BELL LABORATORIES	SD-4C115-01	SHEET B#2AB

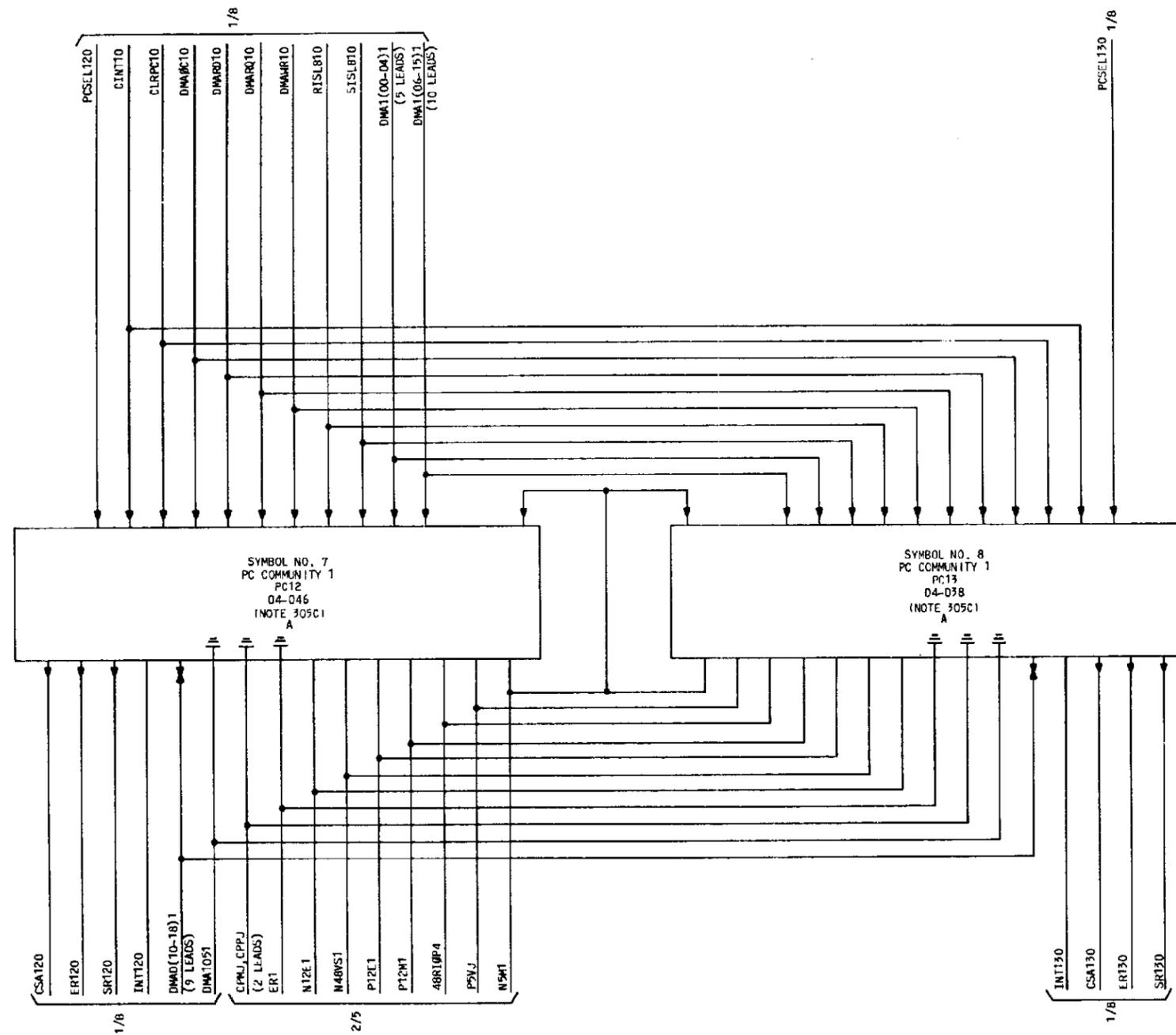
PART OF FS 2
 PERIPHERAL CONTROLLER
 INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 2
 IFD SYMBOL(S): 5, 6

IO PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		88	1
BELL LABORATORIES	SD-4C115-01	SHEET B#2AC	

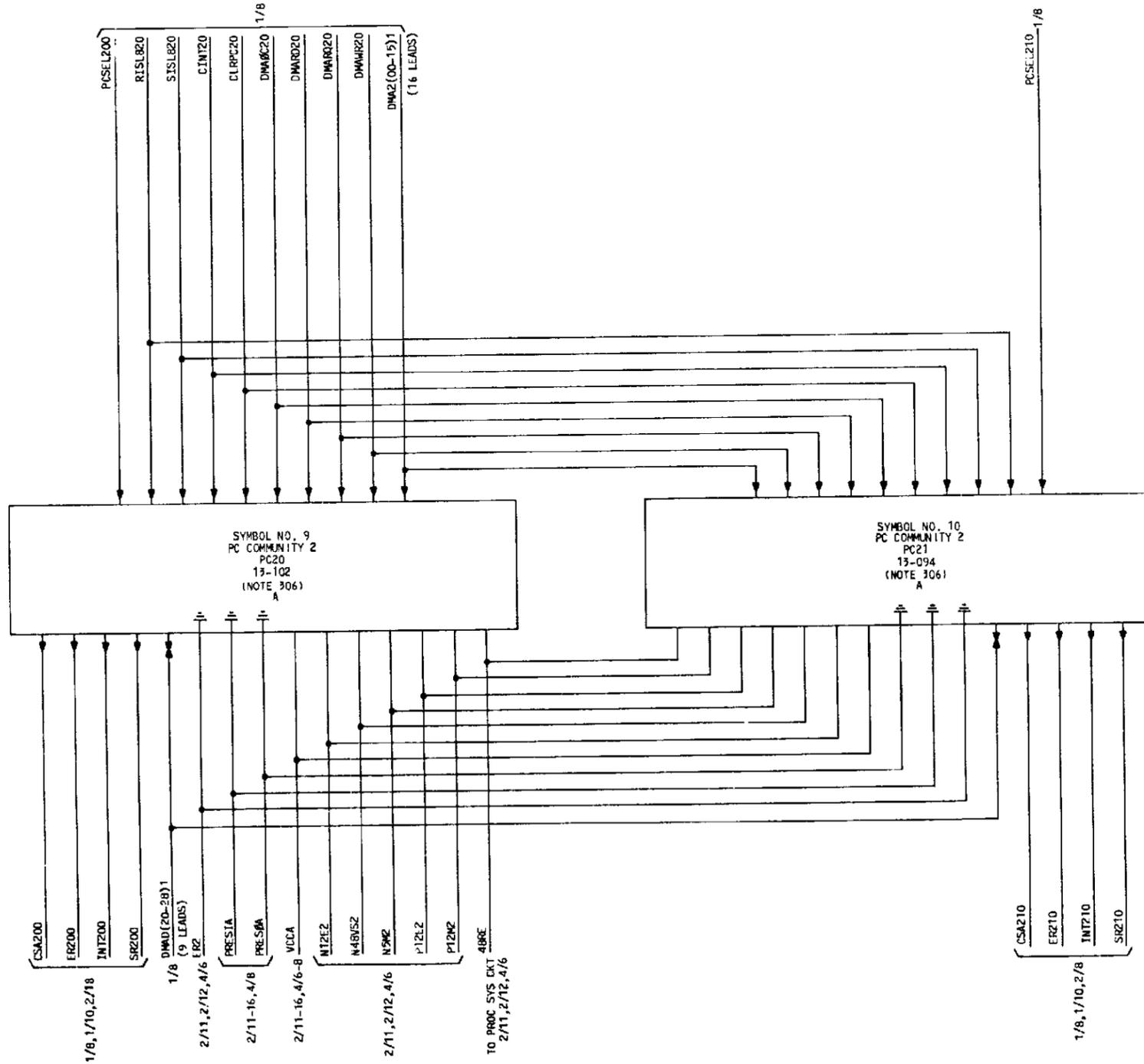
PART OF FS 2
 PERIPHERAL CONTROLLER
 INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 2
 I/FD SYMBOL(S): 7,8

IO PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		88	1
BELL LABORATORIES	SD-4C115-01	SHEET	
		B#2AD	

PART OF FS 2
 PERIPHERAL CONTROLLER
 INTERCONNECTION AND FLOW DIAGRAM

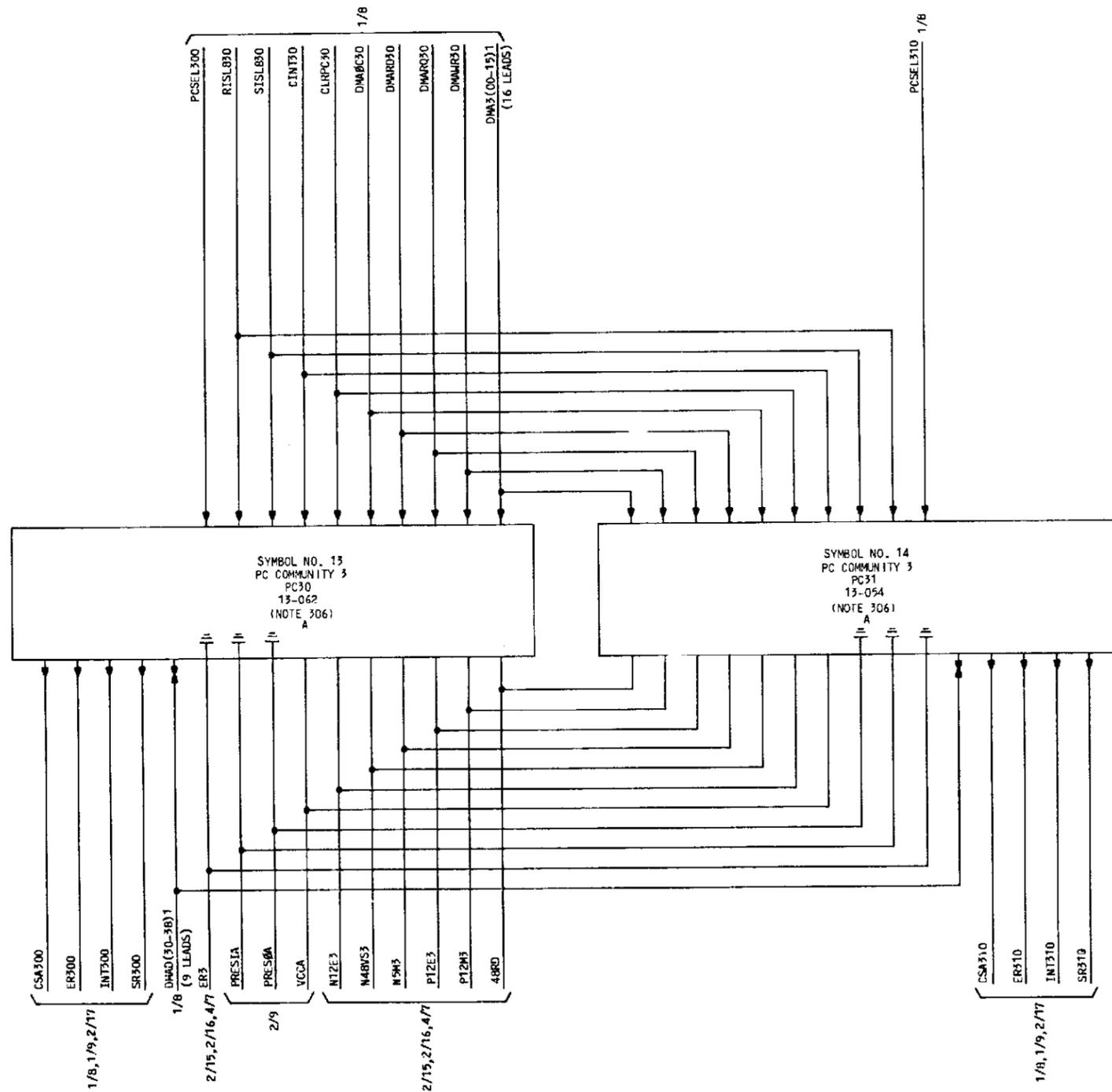


PART OF FS 2
 I/FD SYMBOL(S): 9, 10

10 PROCESSOR AND OFC CONTROLLER UNIT	DWG SIZE	ISSUE
	18	1
BELL LABORATORIES	SD-4C115-01	SHEET B/2AE

PART OF FS 2

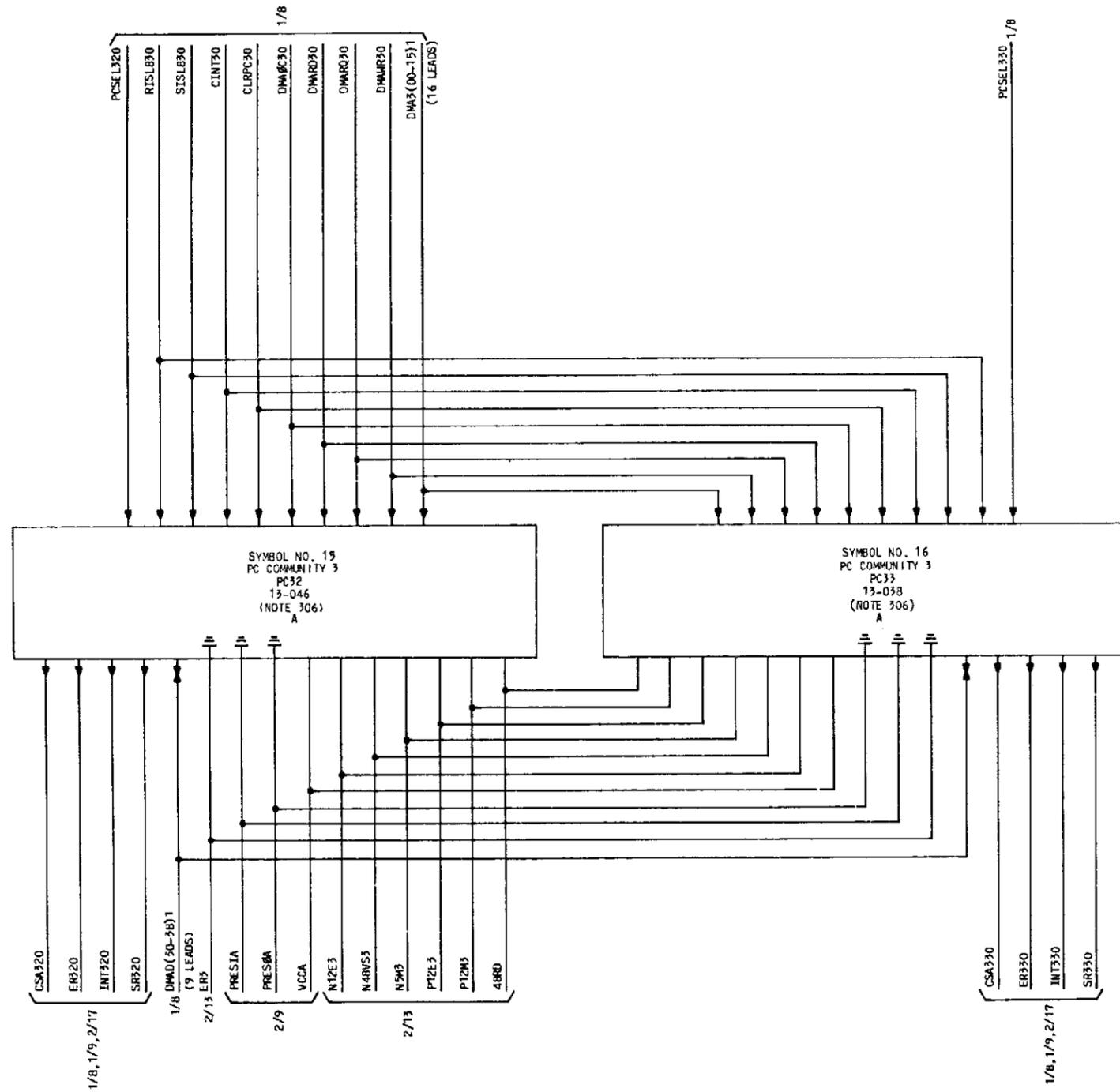
PERIPHERAL CONTROLLER
INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 2
IFD SYMBOL(S): 13, 14

IO PROCESSOR AND DFC CONTROLLER UNIT		DWB SIZE	ISSUE
		13	1
BELL LABORATORIES	SD-4C115-01	SHEET B ** 2AG	

PART OF FS 2
PERIPHERAL CONTROLLER
INTERCONNECTION AND FLOW DIAGRAM

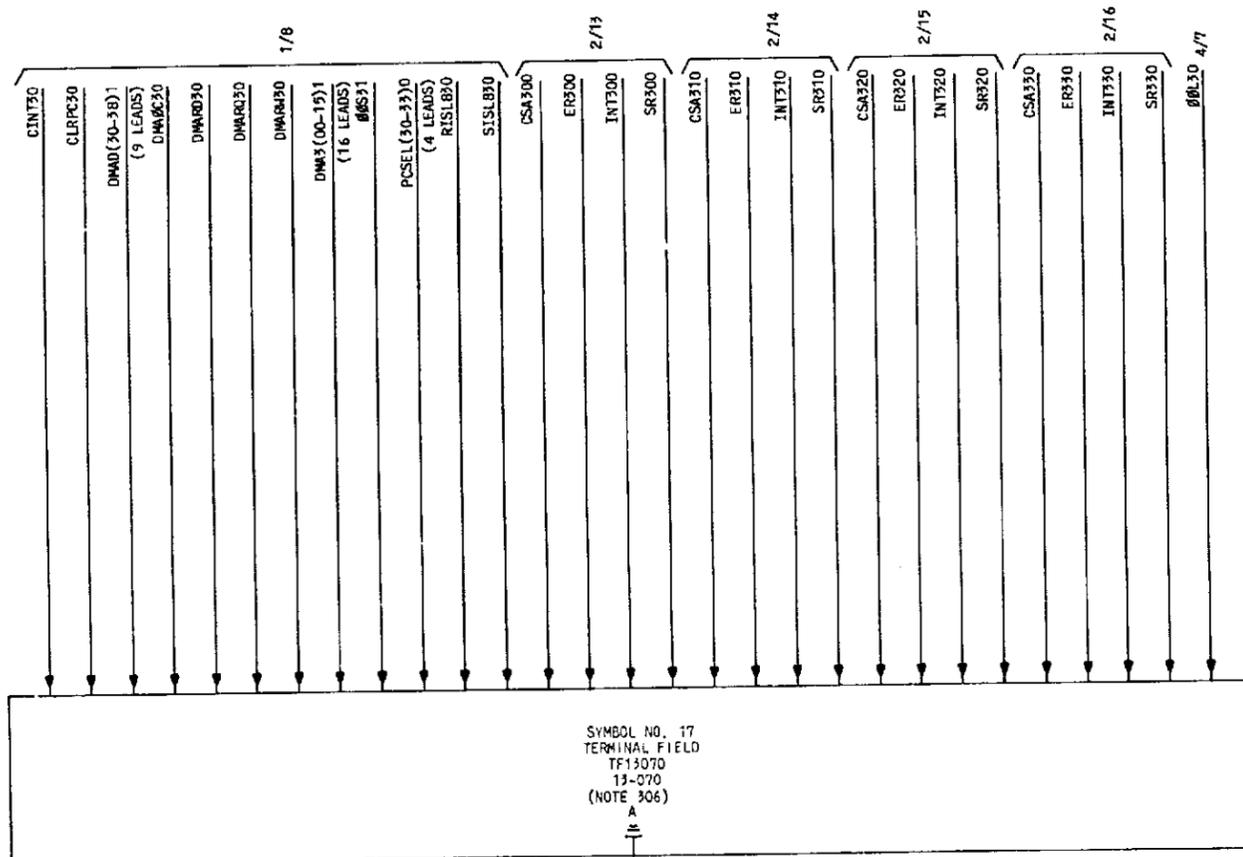


PART OF FS 2
IFD SYMBOL(S): 15,16

IO PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		48	1
BELL LABORATORIES	SD-4C115-01	SHEET	
		B# 2AH	

PART OF FS 2

PERIPHERAL CONTROLLER
INTERCONNECTION AND FLOW DIAGRAM



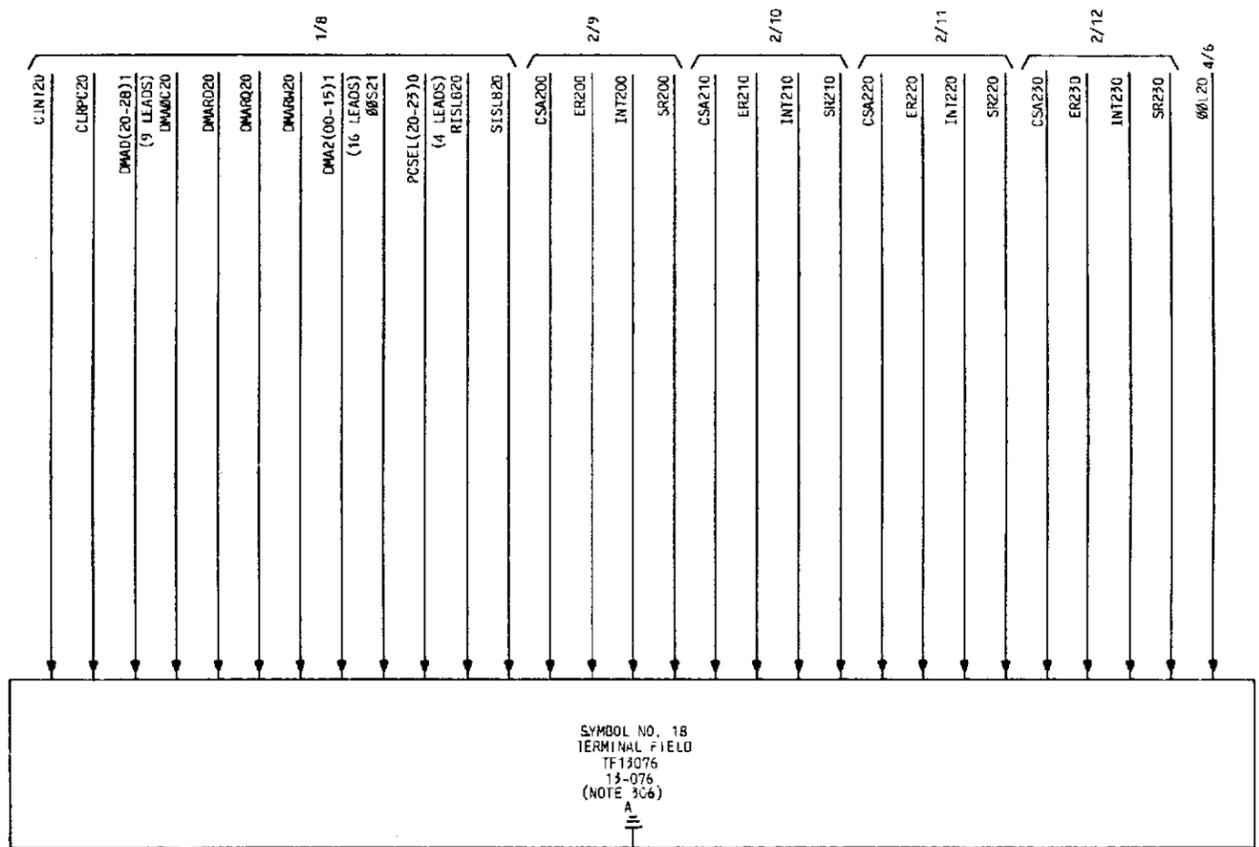
SYMBOL NO. 17
TERMINAL FIELD
TF13070
13-070
(NOTE 306)

1/9 (3 LEADS)

PART OF FS 2
IFD SYMBOL(S): 17

10 PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		08	1
BELL LABORATORIES	SD-4C115-01	SHEET B#2AJ	

PART OF FS 2
PERIPHERAL CONTROLLER
INTERCONNECTION AND FLOW DIAGRAM



SYMBOL NO. 18
TERMINAL FIELD
TF13076
13-076
(NOTE 306)

1/10 GRNDP(1-3)
(3 LEADS)

PART OF FS 2 IFU SYMBOL(S): 18		
I/O PROCESSOR AND DFC CONTROLLER UNIT	DWG SIZE	ISSUE
	88	1
BELL LABORATORIES	SD-4C115-01	SHEET B#2AK

PART OF FS 2
PERIPHERAL CONTROLLER

SYMBOL NO. 1
PC COMMUNITY 0

SYMBOL NO. 1 (CONT)
PC COMMUNITY 0

SYMBOL NO. 1 (CONT)
PC COMMUNITY 0

SYMBOL NO. 1 (CONT)
PC COMMUNITY 0

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				
PC00	04-102	(NOTE 305C)	A		PC00	04-102	(NOTE 305C)	A		PC00	04-102	(NOTE 305C)	A		PC00	04-102	(NOTE 305C)	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
CINT00	I		005	1/8			GRD		645	2/1			PWR		044	2/3, 2/4		STRP0009	I			223	
CINT40	I		723	1/7			GRD		732	2/1						4/3		STRP0010	I			642	
CINT50	I		710	1/7			GRD		745	2/1						2/2		STRP0011	I			511	
CLRPC00	I		205	1/8			GRD		432	2/2, 2/3		N48VSD	PWR		544	2/2, 2/4		STRP0012	I	GRD		743	
CLRPC40	I		621	1/7						2/4, 4/3		N5M0	PWR		206	4/3		STRP0013	I			119	
CLRPC50	I		608	1/7						2/2						2/3		STRP0014	I			733	
CPMH	IO		112	2/4		ER000	O		201	1/8		DDL40	I		614	2/2, 2/3		STRP0015	I	O		734	
CPPH	IO		012	2/4		ER400	O		714	1/7		DDL50	I		601	2/4, 4/3		STRP0016	I	O		120	
CSA000	O		301	1/8		ER410	O		715	1/7		PCSEL000	I		003	1/7		STRP0017	I			735	
CSA400	O		719	1/7		ER420	O		615	1/7		PCSEL400	I		616	1/7		STRP0018	I			121	
CSA410	O		720	1/7		ER430	O		716	1/7		PCSEL410	I		717	1/7		STRP0019	I			122	
CSA420	O		620	1/7		ER500	O		701	1/7		PCSEL420	I		617	1/7		STRP0020	I			736	
CSA430	O		721	1/7		ER510	O		702	1/7		PCSEL430	I		618	1/7		STRP0021	I	GRD		123	
CSA500	O		706	1/7		ER520	O		602	1/7		PCSEL500	I		603	1/7		STRP0022	I			737	
CSA510	O		707	1/7		ER530	O		703	1/7		GRD04102	PWR		624	1/7		STRP0023	I			319	
CSA520	O		607	1/7			PWR		700			PCSEL510	I		704	1/7		STRP0024	I			738	
CSA530	O		708	1/7			GRD		724			PCSEL520	I		604	1/7		STRP0025	I			320	
DMAD001	IO		007	1/8			GRD		010			PCSEL530	I		605	1/7		STRP0026	I			739	
DMAD011	IO		307	1/8			GRD		103			P12E0	OT		344	2/1		STRP0027	I			321	
DMAD021	IO		008	1/8			GRD		105				OT		244	2/3, 2/4		STRP0028	I			740	
DMAD031	IO		308	1/8			GRD		107			P12M0	PWR		002	4/3		STRP0029	I			322	
DMAD041	IO		208	1/8			GRD		109				PWR		102	2/2		STRP0030	I			741	
DMAD051	IO		309	1/8			GRD		111				PWR		202	2/2, 2/3		STRP0031	I			323	
DMAD061	IO		009	1/8			GRD		113				PWR		302	2/4, 4/3		STRP0032	I			742	
DMAD071	IO		310	1/8			GRD		114				PWR		102	2/2, 2/3		STRP0033	I			423	
DMAD081	IO		110	1/8			GRD		115				PWR		202	2/4, 4/3		STRP0034	I	GRD		656	
DMAD0C00	I		303	1/8			GRD		116				PWR		302	2/4, 4/3		STRP0035	I			412	
DMARD00	I		306	1/8			GRD		117				PWR		000	1/1		STRP0036	I			646	
DMARD00	I		203	1/8			GRD		200				PWR		024	1/1		STRP0037	I			413	
DMARD00	I		305	1/8			GRD		204				PWR		100	1/1		STRP0038	I			647	
DMAHR40	I		623	1/7			GRD		209				PWR		124	1/1		STRP0039	I			415	
DMAHR50	I		610	1/7			GRD		210				PWR		224	1/1		STRP0040	I			648	
DMA0001	I		311	1/8			GRD		212				PWR		006	1/8		STRP0041	I			416	
DMA0011	I		211	1/8			GRD		216				PWR		106	1/8		STRP0042	I			649	
DMA0021	I		011	1/8			GRD		214				PWR		622	1/7		STRP0043	I			417	
DMA0031	I		014	1/8			GRD		218				PWR		106	1/8		STRP0044	I			650	
DMA0041	I		013	1/8			GRD		300				PWR		722	1/7		STRP0045	I			418	
DMA0051	I		213	1/8			GRD		304				PWR		709	1/7		STRP0046	I			651	
DMA0061	I		313	1/8			GRD		312				PWR		001	1/8		STRP0047	I			419	
DMA0071	I		016	1/8			GRD		314				PWR		001	1/8		STRP0048	I			652	
DMA0081	I		015	1/8			GRD		316				PWR		318	1/8		STRP0049	I			420	
DMA0091	I		215	1/8			GRD		317				PWR		411	1/8		STRP0050	I			653	
DMA0101	I		315	1/8			GRD		324				PWR		643	1/8		STRP0051	I			421	
DMA0111	I		217	1/8			GRD		404				PWR		019	1/8		STRP0052	I			654	
DMA0121	I		017	1/8			GRD		409				PWR		633	1/8		STRP0053	I			421	
DMA0131	I		118	1/8			GRD		414				PWR		020	1/8		STRP0054	I			655	
DMA0141	I		018	1/8			GRD		424				PWR		634	1/8		STRP0055	I			422	
DMA0151	I		218	1/8			GRD		524				PWR		635	1/8		STRP0056	I	GRD		523	
ERO	I		032	2/1			GRD		600				PWR		021	1/8		STRP0057	I			756	
	I		045	2/1			GRD		611				PWR		021	1/8		STRP0058	I			512	
	I		132	2/1			GRD		613				PWR		023	1/8		STRP0059	I			746	
	I		145	2/1			GRD		619				PWR		637	1/8		STRP0060	I			423	
	I		232	2/1			GRD		705				PWR		219	1/8		STRP0061	I			656	
	I		245	2/1			GRD		711				PWR		638	1/8		STRP0062	I			424	
	I		332	2/1			GRD		713				PWR		640	1/8		STRP0063	I			657	
	I		345	2/1			GRD		718				PWR		220	1/8		STRP0064	I			425	
	GRD		445	2/1			GRD		101	1/8			PWR		639	1/8		STRP0065	I			658	
	GRD		532	2/1			GRD		144	2/1			PWR		221	1/8		STRP0066	I			426	
	GRD		545	2/1									PWR		640	1/8		STRP0067	I			659	
	GRD		632	2/1									PWR		222	1/8		STRP0068	I			427	
	GRD												PWR		641	1/8		STRP0069	I			660	

PART OF FS 2
SYMBOL(S) 1

IO PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		C2	2A
BELL LABORATORIES	SD-4C115-01	B#2CA	

PART OF FS 2
PERIPHERAL CONTROLLER

SYMBOL NO. 1 (CONT)							SYMBOL NO. 2 (CONT)							SYMBOL NO. 2 (CONT)							SYMBOL NO. 2 (CONT)						
PC COMMUNITY 0							PC COMMUNITY 0							PC COMMUNITY 0							PC COMMUNITY 0						
DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT		
PC00	04-102	(NOTE 305C)	A				PC01	04-094	(NOTE 305C)	A				PC01	04-094	(NOTE 305C)	A				PC01	04-094	(NOTE 305C)	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
DESIG		MOD	OPT	OPT			DESIG		MOD	OPT	OPT			DESIG		MOD	OPT	OPT			DESIG		MOD	OPT	OPT		
STRP0031	I				513		DMA0061	I				313	1/8	N48V50	I				144	2/1	STRP0118	I				322	
	I				747		DMA0071	I				016	1/8	NSM0	PWR				544	2/1		I				741	
STRP0032	I				515		DMA0081	I				015	1/8		PWR				206	2/1	STRP0119	I				323	
	I				748									PCSEL010	I				207	2/1	STRP012A	I				742	
STRP0033	I				516		DMA0091	I				215	1/8	P12E0	I				003	1/8		I				423	
	I				749		DMA0101	I				315	1/8		I				244	2/1	STRP0120	I				412	
STRP0034	I				517		DMA0111	I				217	1/8	P12M0	I				002	2/1		I				646	
	GRD				750		DMA0121	I				017	1/8		PWR				102	2/1	STRP0121	I				413	
STRP0035	I				518		DMA0131	I				118	1/8	P5VH	I				202	2/1		I				647	
	I				751		DMA0141	I				018	1/8		PWR				302	2/1	STRP0122	I				415	
STRP0036	I				519		DMA0151	I				218	1/8		PWR				000	1/1		I				648	
	I				752		ERO	I				032	2/1		PWR				100	1/1	STRP0123	I				416	
STRP0037	I				520			I				045	2/1		PWR				124	1/1		I				649	
	I				753			I				132	2/1		PWR				024	1/1	STRP0124	I				417	
STRP0038	I				754			I				145	2/1		PWR				100	1/1		I				650	
	O				521			I				232	2/1		PWR				124	1/1	STRP0125	I				418	
STRP0039	O				755			I				245	2/1	R1SL800	I				224	1/1		I				651	
	I				522			I				332	2/1	S1SL800	I				006	1/8	STRP0126	I				419	
48R10P8	PWR				444	2/2, 2/4 4/3 2/3 TO PROC SYS CKT		I				345	2/1	SR010	O				001	1/8		I				652	
								GRD				432	2/1	STRP010A	I				318		STRP0127	I				420	
								GRD				445	2/1		I				411			I				653	
								GRD				532	2/1	STRP0100	I				643		STRP0128	I				421	
								GRD				545	2/1		I				019			I				654	
								GRD				632	2/1	STRP0101	I				633		STRP0129	I				422	
								GRD				645	2/1	STRP0102	I				020			I				655	
								GRD				732	2/1	STRP0103	I				634		STRP013A	I				523	
							ER010	O				745	2/1	STRP0104	I				021			I				756	
								O				201	1/8	STRP0105	I				636			I				512	
							GRD04094	GRD				004		STRP0106	I				023			I				746	
								GRD				010		STRP0107	I				637		STRP0130	I				513	
								GRD				103		STRP0108	I				219			I				747	
								GRD				105		STRP0109	I				639		STRP0131	I				514	
								GRD				107		STRP0110	I				220			I				515	
								GRD				109		STRP0111	I				641		STRP0132	I				516	
								GRD				111		STRP0112	I				642			I				748	
								GRD				113		STRP0113	I				221		STRP0133	I				517	
								GRD				114		STRP0114	I				640			I				750	
								GRD				115		STRP0115	I				222		STRP0134	I				518	
								GRD				116		STRP0116	I				642			I				519	
								GRD				117		STRP0117	I				643		STRP0135	I				518	
								GRD				200		STRP0118	I				223			I				751	
								GRD				204		STRP0119	I				644		STRP0136	I				519	
								GRD				209		STRP0120	I				645			I				752	
								GRD				210		STRP0121	I				224		STRP0137	I				517	
								GRD				212		STRP0122	I				646			I				753	
								GRD				214		STRP0123	I				225		STRP0138	I				521	
								GRD				216		STRP0124	I				647			I				754	
								GRD				300		STRP0125	I				226		STRP0139	I				522	
								GRD				304		STRP0126	I				648			I				755	
								GRD				312		STRP0127	I				227			I				523	
								GRD				314		STRP0128	I				649		48R10P8	PWR				444	2/1
								GRD				316		STRP0129	I				228								
								GRD				317		STRP0130	I				650								
								GRD				324		STRP0131	I				229								
								GRD				404		STRP0132	I				651								
								GRD				409		STRP0133	I				230								
								GRD				414		STRP0134	I				652								
								GRD				424		STRP0135	I				231								
								GRD				524		STRP0136	I				653								
								O				101	1/8	STRP0137	I				232								
								I				044	2/1	STRP0138	I				654								
														STRP0139	I				233								
															I				655								
															I				234								
															I				656								
															I				235								
															I				657								
															I				236								
															I				658								
															I				237								
															I				659								
															I				238								
															I				660								
															I				239								
															I				661								
															I				240								
															I				662								

PART OF FS 2
PERIPHERAL CONTROLLER

SYMBOL NO. 3
PC COMMUNITY 0

SYMBOL NO. 3 (CONT)
PC COMMUNITY 0

SYMBOL NO. 3 (CONT)
PC COMMUNITY 0

SYMBOL NO. 3 (CONT)
PC COMMUNITY 0

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE													
PC02	04-086	(NOTE 305C)	A		DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE			
PC02	04-086	(NOTE 305C)	A		PC02	04-086	(NOTE 305C)	A		PC02	04-086	(NOTE 305C)	A		PC02	04-086	(NOTE 305C)	A		PC02	04-086	(NOTE 305C)	A	
					CINT00	I		005		1/8					STRP0207	I0		221						
					CLRPC00	I		205		1/8					STRP0208	I		640						
					CPMH	I0		112		2/4					STRP0209	I		222						
					CPPH	I0		012		2/4					STRP0210	I		641						
					CSA020	0		301		1/8					STRP0211	I0		223						
					DMAD001	I0		007		1/8					STRP0212	I		642						
					DMAD011	I0		307		1/8					STRP0213	I		511						
					DMAD021	I0		008		1/8					STRP0214	I		224						
					DMAD031	I0		308		1/8					STRP0215	I0		743						
					DMAD041	I0		208		1/8					STRP0216	I		119						
					DMAD051	I0		309		1/8					STRP0217	I		733						
					DMAD061	I0		009		1/8					STRP0218	I0		120						
					DMAD071	I0		310		1/8					STRP0219	I0		734						
					DMAD081	I0		110		1/8					STRP0220	I		643						
					DMAD000	I		306		1/8					STRP0221	I0		121						
					DMARG00	I		203		1/8					STRP0222	I		735						
					DMAHR00	I		305		1/8					STRP0223	I0		123						
					DMA0001	I		311		1/8					STRP0224	I		736						
					DMA0011	I		211		1/8					STRP0225	I0		319						
					DMA0021	I		011		1/8					STRP0226	I		737						
					DMA0031	I		014		1/8					STRP0227	I		122						
					DMA0041	I		013		1/8					STRP0228	I		738						
					DMA0051	I		213		1/8					STRP0229	I0		320						
					DMA0061	I		313		1/8					STRP0230	I		739						
					DMA0071	I		016		1/8					STRP0231	I0		124						
					DMA0081	I		015		1/8					STRP0232	I		321						
					DMA0091	I		215		1/8					STRP0233	I		740						
					DMA0101	I		315		1/8					STRP0234	I0		322						
					DMA0111	I		217		1/8					STRP0235	I		741						
					DMA0121	I		017		1/8					STRP0236	I		323						
					DMA0131	I		118		1/8					STRP0237	I0		412						
					DMA0141	I		018		1/8					STRP0238	I		646						
					DMA0151	I		218		1/8					STRP0239	I		413						
					ERO	I		032		2/1					48R10P8	I		444						2/1
					GRD			045		2/1														
					GRD			132		2/1														
					GRD			145		2/1														
					GRD			232		2/1														
					GRD			245		2/1														
					GRD			332		2/1														
					GRD			345		2/1														
					GRD			432		2/1														
					GRD			445		2/1														
					GRD			532		2/1														
					GRD			545		2/1														
					GRD			632		2/1														
					GRD			645		2/1														
					GRD			732		2/1														
					GRD			745		2/1														
					GRD			201		1/8														
					GRD04086			004																
					GRD			010																
					GRD			103																
					GRD			105																
					GRD			107																
					GRD			109																
					GRD			111																
					GRD			113																
					GRD			114																

PART OF FS 2
SYMBOL(S) 3

10 PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		C2	2A
BELL LABORATORIES	SD-40115-01	B#2CC	

PART OF FS 2
PERIPHERAL CONTROLLER

SYMBOL NO. 5
PC COMMUNITY 1

SYMBOL NO. 5 (CONT)
PC COMMUNITY 1

SYMBOL NO. 5 (CONT)
PC COMMUNITY 1

SYMBOL NO. 5 (CONT)
PC COMMUNITY 1

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					
PC10	04-062	(NOTE 305C)	A		PC10	04-062	(NOTE 305C)	A		PC10	04-062	(NOTE 305C)	A		PC10	04-062	(NOTE 305C)	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	
CINT10	I		005	1/8			GRD			111			635											
CLRPC10	I		205	1/8			GRD			113			022											
CPMJ	GRD		112	2/6, 2/7			GRD			114			636											
				2/8																				
				4/5																				
CPPJ	GRD		012	2/6, 2/7			GRD			115			023											
				2/8			GRD			116			637											
				4/5			GRD			117			219											
CSA100	0		301	1/8			GRD			200			638											
DMAD101	IO		007	1/8			GRD			204			220											
				1/8			GRD			209			639											
DMAD111	IO		307	1/8			GRD			210			221											
DMAD121	IO		008	1/8			GRD			212			640											
DMAD131	IO		308	1/8			GRD			214			222											
DMAD141	IO		208	1/8			GRD			216			641											
DMAD151	IO		309	1/8			GRD			300			223											
DMAD161	IO		009	1/8			GRD			304			642											
DMAD171	IO		310	1/8			GRD			312			511											
DMAD181	IO		110	1/8			GRD			314			743											
DMADC10	I		303	1/8			GRD			316			119											
DMARD10	I		306	1/8			GRD			317			733											
DMARD10	I		203	1/8			GRD			324			120											
DMAWR10	I		305	1/8			GRD			404			734											
DMA1001	I		311	1/8			GRD			409			121											
DMA1011	I		211	1/8			GRD			414			735											
DMA1021	I		011	1/8			GRD			424			122											
DMA1031	I		014	1/8			GRD			524			736											
DMA1041	I		013	1/8			PWR			101	1/8		123											
DMA1051	GRD		213	1/8			PWR			044	2/5		737											
DMA1061	I		313	1/8			PWR			144	2/6, 2/7		319											
DMA1071	I		016	1/8							2/8, 4/4		738											
DMA1081	I		015	1/8			N48VS1			544	2/6, 2/7		320											
DMA1091	I		215	1/8			N5M1			207	2/8, 4/4													
DMA1101	I		315	1/8						206	2/5		739											
DMA1111	I		217	1/8			PWR				2/6, 2/7		321											
DMA1121	I		017	1/8							2/8, 4/4		740											
DMA1131	I		118	1/8							2/6, 2/7		322											
DMA1141	I		018	1/8							2/8		741											
DMA1151	I		218	1/8			PCSEL100			003	1/8		323											
ER1	GRD		032	2/5			P12E1			244	2/5		742											
	GRD		045	2/5						344	2/6, 2/7		423											
	GRD		132	2/5						002	2/8, 4/4		656											
	GRD		145	2/5			P12M1			102	2/5													
	GRD		232	2/5							2/5		412											
	GRD		245	2/5						202	2/5		646											
	GRD		332	2/3						302	2/6, 2/7		413											
	GRD		345	2/3							2/8, 4/4													
	GRD		432	2/5			P5VJ			000	2/5		647											
	GRD		445	2/5						024	2/5		415											
	GRD		532	2/5						100	2/5		648											
	GRD		632	2/5						224	2/5		416											
	GRD		645	2/5							2/6, 2/7		649											
	GRD		732	2/5						124	2/8, 4/4		417											
	GRD		745	2/5			R1SL810				1/8		650											
	GRD		545	2/6, 2/7			S1SL810			006	1/8		418											
	GRD		107	2/8, 4/4						106	1/8		651											
ER100	0		201	1/8			SR100			001	1/8		419											
							STRP100A						652											
													420											
GRD04062	GRD		004										653											
	GRD		010				STRP1000						421											
	GRD		103										654											
	GRD		105										422											
	GRD		107				STRP1001						655											
	GRD		109										523											
							STRP1002																	

PART OF FS 2
SYMBOL(S) 5

10 PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		C2	1
BELL LABORATORIES	SD-4C115-01	B#2CE	

PRINTED IN U. S. A. 06/29/83

PART OF FS 2
PERIPHERAL CONTROLLER

SYMBOL NO. 6
PC COMMUNITY 1

SYMBOL NO. 6 (CONT)
PC COMMUNITY 1

SYMBOL NO. 6 (CONT)
PC COMMUNITY 1

SYMBOL NO. 6 (CONT)
PC COMMUNITY 1

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								
PC11	04-054	(NOTE 305C)	A		PC11	04-054	(NOTE 305C)	A		PC11	04-054	(NOTE 305C)	A		PC11	04-054	(NOTE 305C)	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
CINT10	I		005		1/8									STRP1107	I		221					STRP1134	I		517		
CLRPC10	I		205		1/8									STRP1108	I		660					STRP1135	I		750		
CPMJ	GRD		112		2/5												222								751		
CPPJ	GRD		012		2/5									STRP1109	I		641					STRP1136	I		751		
LSA110	O		301		1/8												223								519		
DMAD101	IO		007		1/8												642								752		
DMAD111	IO		307		1/8									STRP111A	I		511					STRP1137	I		520		
DMAD121	IO		008		1/8												743								753		
DMAD131	IO		308		1/8									STRP1110	I		119					STRP1138	I		521		
DMAD141	IO		208		1/8												733								754		
DMAD151	IO		309		1/8									STRP1111	I		120								522		
DMAD161	IO		009		1/8												734					STRP1139	I		755		
DMAD171	IO		310		1/8									STRP1112	I		121					48R10P4	PHR		444		2/5
DMAD181	IO		110		1/8												735										
DMAD181	I		303		1/8									STRP1113	I		122										
DMARD10	I		304		1/8												736										
DMARD10	I		203		1/8									STRP1114	I		123										
DMAR10	I		305		1/8												737										
DMAR10	I		203		1/8									STRP1115	I		319										
DMAR10	I		305		1/8												738										
DMAR10	I		305		1/8									STRP1116	I		320										
DMA1001	I		311		1/8												739										
DMA1011	I		211		1/8									STRP1117	I		321										
DMA1021	I		011		1/8												740										
DMA1031	I		014		1/8												322										
DMA1041	I		013		1/8									STRP1118	I		741										
DMA1051	GRD		213		1/8												323										
DMA1051	GRD		213		1/8									STRP1119	I		323										
DMA1061	I		313		1/8												742										
DMA1071	I		016		1/8									STRP112A	I		423										
DMA1081	I		015		1/8												656										
DMA1091	I		215		1/8									STRP1120	I		412										
DMA1101	I		315		1/8												413										
DMA1111	I		217		1/8									STRP1121	I		413										
DMA1121	I		017		1/8												647										
DMA1131	I		118		1/8									STRP1122	I		415										
DMA1141	I		018		1/8												648										
DMA1151	I		218		1/8									STRP1123	I		416										
ER1	GRD		032		2/5												649										
ER1	GRD		045		2/5									STRP1124	I		417										
ER1	GRD		132		2/5												418										
ER1	GRD		145		2/5									STRP1125	I		650										
ER1	GRD		232		2/5												651										
ER1	GRD		245		2/5									STRP1126	I		419										
ER1	GRD		332		2/5												652										
ER1	GRD		345		2/5									STRP1127	I		420										
ER1	GRD		432		2/5												653										
ER1	GRD		445		2/5									STRP1128	I		421										
ER1	GRD		532		2/5												654										
ER1	GRD		545		2/5									STRP1129	I		422										
ER1	GRD		632		2/5												655										
ER1	GRD		645		2/5									STRP113A	I		523										
ER110	O		201		1/8												512										
ER110	O		201		1/8									STRP1130	I		746										
GRD04054	GRD		004														513										
GRD04054	GRD		010											STRP1131	I		747										
GRD04054	GRD		103														515										
GRD04054	GRD		105											STRP1132	I		515										
GRD04054	GRD		107														748										
GRD04054	GRD		109											STRP1133	I		749										
GRD04054	GRD		111														516										
GRD04054	GRD		113														516										
GRD04054	GRD		114														749										

PART OF FS 2
SYMBOL(S) 6

10 PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		C2	1
BELL LABORATORIES	SD-4C115-01	B#2CF	

PART OF FS 2
PERIPHERAL CONTROLLER

SYMBOL NO. 7
PC COMMUNITY 1

SYMBOL NO. 7 (CONT)
PC COMMUNITY 1

SYMBOL NO. 7 (CONT)
PC COMMUNITY 1

SYMBOL NO. 7 (CONT)
PC COMMUNITY 1

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								
PC12	04-046	(NOTE 305C)	A		PC12	04-046	(NOTE 305C)	A		PC12	04-046	(NOTE 305C)	A		PC12	04-046	(NOTE 305C)	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
CINT10	I		005		1/8									STRP1207	I		221					STRP1234	I		517		
CLRPC10	I		205		1/8										I		640						I		750		
CPNJ	GRD		112		2/5									STRP1208	I		222					STRP1235	I		518		
CPPJ	GRD		012		2/5										I		641						I		751		
CSA120	0		301		1/8									STRP1209	I		223					STRP1236	I		519		
DMAD101	IO		007		1/8										I		642						I		752		
DMAD111	IO		307		1/8									STRP121A	I		511					STRP1237	I		520		
DMAD121	IO		008		1/8										I		743						I		753		
DMAD131	IO		308		1/8									STRP1210	I		119					STRP1238	I		521		
DMAD141	IO		208		1/8										I		733					STRP1239	I		754		
DMAD151	IO		309		1/8									STRP1211	I		120						I		522		
DMAD161	IO		009		1/8										I		734						I		755		
DMAD171	IO		310		1/8									STRP1212	I		121					48R1DP4	PWR		444		2/5
DMAD181	IO		110		1/8										I		735										
DMAD181	I		303		1/8									STRP1213	I		122										
DMAD181	I		303		1/8										I		736										
DMAD181	I		303		1/8									STRP1214	I		123										
DMAD181	I		303		1/8										I		737										
DMARD10	I		306		1/8										I		738										
DMARD10	I		203		1/8									STRP1215	I		319										
DMARD10	I		305		1/8										I		739										
DMARD10	I		305		1/8									STRP1216	I		320										
DMARD10	I		305		1/8										I		740										
DMARD10	I		305		1/8									STRP1217	I		321										
DMARD10	I		305		1/8										I		741										
DMARD10	I		305		1/8									STRP1218	I		322										
DMARD10	I		305		1/8										I		742										
DMARD10	I		305		1/8									STRP1219	I		323										
DMARD10	I		305		1/8										I		743										
DMARD10	I		305		1/8									STRP1220	I		412										
DMARD10	I		305		1/8										I		646										
DMARD10	I		305		1/8									STRP1221	I		413										
DMARD10	I		305		1/8										I		647										
DMARD10	I		305		1/8									STRP1222	I		415										
DMARD10	I		305		1/8										I		648										
DMARD10	I		305		1/8									STRP1223	I		416										
DMARD10	I		305		1/8										I		649										
DMARD10	I		305		1/8									STRP1224	I		417										
DMARD10	I		305		1/8										I		650										
DMARD10	I		305		1/8									STRP1225	I		418										
DMARD10	I		305		1/8										I		651										
DMARD10	I		305		1/8									STRP1226	I		419										
DMARD10	I		305		1/8										I		652										
DMARD10	I		305		1/8									STRP1227	I		420										
DMARD10	I		305		1/8										I		653										
DMARD10	I		305		1/8									STRP1228	I		421										
DMARD10	I		305		1/8										I		654										
DMARD10	I		305		1/8									STRP1229	I		422										
DMARD10	I		305		1/8										I		655										
DMARD10	I		305		1/8									STRP123A	I		523										
DMARD10	I		305		1/8										I		756										
DMARD10	I		305		1/8									STRP1230	I		512										
DMARD10	I		305		1/8										I		746										
DMARD10	I		305		1/8									STRP1231	I		513										
DMARD10	I		305		1/8										I		747										
DMARD10	I		305		1/8									STRP1232	I		515										
DMARD10	I		305		1/8										I		748										
DMARD10	I		305		1/8									STRP1233	I		516										
DMARD10	I		305		1/8										I		749										

PART OF FS 2
SYMBOL(S) 7

IQ PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		C2	1
BELL LABORATORIES	SD-4C115-01	B#2CG	

PART OF FS 2
PERIPHERAL CONTROLLER

SYMBOL NO. 8 PC COMMUNITY 1							SYMBOL NO. 8 (CONT) PC COMMUNITY 1							SYMBOL NO. 8 (CONT) PC COMMUNITY 1							SYMBOL NO. 8 (CONT) PC COMMUNITY 1													
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							
PC13	04-038	(NOTE 305C)	A	---			PC13	04-038	(NOTE 305C)	A	---				PC13	04-038	(NOTE 305C)	A	---				PC13	04-038	(NOTE 305C)	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
CINT10	I		005		1/8			GRD		115				STRP1307	I		221						STRP1334	I		517								
CLRPC10	I		205		1/8			GRD		116							640						STRP1335	I		518								
CPMJ	GRD		112		2/5			GRD		117				STRP1308	I		222																	
CPPJ	GRD		012		2/5			GRD		200				STRP1309	I		641						STRP1336	I		519								
ESA130	O		301		1/8			GRD		204							642																	
DMAD101	IO		007		1/8			GRD		209				STRP131A	I		511						STRP1337	I		520								
DMAD111	IO		307		1/8			GRD		210							743						STRP1338	I		521								
DMAD121	IO		008		1/8			GRD		212				STRP1310	I		119																	
DMAD131	IO		308		1/8			GRD		214							733						STRP1339	I		522								
DMAD141	IO		208		1/8			GRD		216				STRP1311	I		120																	
DMAD151	IO		309		1/8			GRD		300							734																	
DMAD161	IO		009		1/8			GRD		304				STRP1312	I		121																	
DMAD171	IO		310		1/8			GRD		312							735																	
DMAD181	IO		110		1/8			CRD		314				STRP1313	I		122																	
DMAD191	I		306		1/8			GRD		317							736																	
DMAD201	I		203		1/8			GRD		324				STRP1314	I		123																	
DMAD210	I		305		1/8			GRD		404							737																	
DMA1001	I		311		1/8			GRD		409				STRP1315	I		319																	
DMA1011	I		211		1/8			GRD		414							738																	
DMA1021	I		011		1/8			GRD		424				STRP1316	I		320																	
DMA1031	I		014		1/8			GRD		524							739																	
DMA1041	I		013		1/8			PWR		101		1/8		STRP1317	I		321																	
DMA1051	GRD		213		1/8			PWR		044		2/5					740																	
DMA1061	I		313		1/8			PWR		144		2/5		STRP1318	I		322																	
DMA1071	I		016		1/8			PWR		544		2/5					741																	
DMA1081	I		015		1/8			PWR		206		2/5		STRP1319	I		323																	
DMA1091	I		215		1/8			I		207		2/5					742																	
DMA1101	I		315		1/8			PCSEL130		003		1/8		STRP132A	I		423																	
DMA1111	I		217		1/8			PWR		244		2/5					656																	
DMA1121	I		017		1/8			PWR		344		2/5		STRP1320	I		412																	
DMA1131	I		118		1/8			PWR		002		2/5					646																	
DMA1141	I		018		1/8			PWR		102		2/5		STRP1321	I		413																	
DMA1151	I		218		1/8			PWR		202		2/5					647																	
ER1	GRD		032		2/5			PWR		302		2/5		STRP1322	I		415																	
	GRD		045		2/5			PWR		000		2/5					648																	
	GRD		132		2/5			PWR		024		2/5		STRP1323	I		416																	
	GRD		145		2/5			PWR		100		2/5					649																	
	GRD		232		2/5			PWR		124		2/5		STRP1324	I		417																	
	GRD		245		2/5			PWR		224		2/5					650																	
	GRD		332		2/5			I		006		1/8		STRP1325	I		418																	
	GRD		345		2/5			I		106		1/8					651																	
	GRD		432		2/5			O		001		1/8		STRP1326	I		419																	
	GRD		445		2/5			I		318							652																	
	GRD		532		2/5			I		411				STRP1327	I		420																	
	GRD		545		2/5			I		643							653																	
	GRD		632		2/5			I		019				STRP1328	I		421																	
	GRD		645		2/5			I		633							654																	
ER130	GRD		732		2/5			I		020				STRP1329	I		422																	
	GRD		745		2/5			I		634							655																	
	O		201		1/8			I		021				STRP133A	I		523																	
GRD04038	GRD		004					I		635							756																	
	GRD		010					I		022				STRP1330	I		512																	
	GRD		103					I		636							746																	
	GRD		105					I		023				STRP1331	I		513																	
	GRD		107					I		637							747																	
	GRD		109			</																												

PART OF FS 2
PERIPHERAL CONTROLLER

SYMBOL NO. 9
PC COMMUNITY 2

SYMBOL NO. 9 (CONT)
PC COMMUNITY 2

SYMBOL NO. 9 (CONT)
PC COMMUNITY 2

SYMBOL NO. 9 (CONT)
PC COMMUNITY 2

DESIG EOPT CODE ELEM OPT
PC20 13-102 (NOTE 306) A

DESIG EOPT CODE ELEM OPT
PC20 13-102 (NOTE 306) A

DESIG EOPT CODE ELEM OPT
PC20 13-102 (NOTE 306) A

DESIG EOPT CODE ELEM OPT
PC20 13-102 (NOTE 306) A

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
CINT20	I		005	1/8	
CLRPC20	I		205	1/8	
CSA200	O		301	1/8, 1/10 2/18	
DMAD201	IO		007	1/8	
DMAD211	IO		307	1/8	
DMAD221	IO		008	1/8	
DMAD231	IO		308	1/8	
DMAD241	IO		208	1/8	
DMAD251	IO		309	1/8	
DMAD261	IO		009	1/8	
DMAD271	IO		310	1/8	
DMAD281	IO		110	1/8	
DMAOC20	I		303	1/8	
DMAOD20	I		306	1/8	
DMAOQ20	I		203	1/8	
DMAWR20	I		305	1/8	
DMA2001	I		311	1/8	
DMA2011	I		211	1/8	
DMA2021	I		011	1/8	
DMA2031	I		014	1/8	
DMA2041	I		013	1/8	
DMA2051	I		213	1/8	
DMA2061	I		313	1/8	
DMA2071	I		016	1/8	
DMA2081	I		015	1/8	
DMA2091	I		215	1/8	
DMA2101	I		315	1/8	
DMA2111	I		217	1/8	
DMA2121	I		017	1/8	
DMA2131	I		118	1/8	
DMA2141	I		018	1/8	
DMA2151	I		218	1/8	
ERZ	GRD		032	2/9	
	GRD		045	2/9	
	GRD		132	2/9	
	GRD		145	2/9	
	GRD		232	2/9	
	GRD		245	2/9	
	GRD		345	2/9	
	GRD		432	2/9	
	GRD		445	2/9	
	GRD		532	2/9	
	GRD		545	2/9	
	GRD		632	2/9	
	GRD		645	2/9	
	GRD		732	2/9	
	GRD		745	2/9	
	GRD		332	2/10, 2/11 2/12, 4/6	
ERZ00	O		201	1/8, 1/10 2/18	
GRD13102	GRD		004		
	GRD		010		
	GRD		103		
	GRD		105		
	GRD		107		
	GRD		109		
	GRD		111		
	GRD		113		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
	GRD		114		
	GRD		115		
	GRD		116		
	GRD		117		
	GRD		200		
	GRD		204		
	GRD		209		
	GRD		210		
	GRD		212		
	GRD		214		
	GRD		216		
	GRD		300		
	GRD		304		
	GRD		312		
	GRD		314		
	GRD		316		
	GRD		317		
	GRD		324		
	GRD		404		
	GRD		409		
	GRD		414		
	GRD		424		
	GRD		524		
INT200	O		101	1/8, 1/10 2/18	
N12E2	PHR		044	2/9	
	PHR		144	2/10, 2/11 2/12, 4/6	
N48V92	PHR		544	2/10, 2/11 2/12, 4/6	
N5M2	PHR		207	2/9	
	PHR		206	2/10, 2/11 2/12, 4/6	
PCSEL200	I		003	1/8	
PRESIA	GRD		012	2/10, 2/11 2/12, 2/13 2/14, 2/15 2/16 4/8	
PRESDA	GRD		112	2/10, 2/11 2/12, 2/13 2/14, 2/15 2/16 4/8	
P12E2	PHR		344	2/9	
	PHR		244	2/10, 2/11 2/12, 4/6	
P12M2	PHR		102	2/9	
	PHR		202	2/9	
	PHR		302	2/9	
	PHR		002	2/10, 2/11 2/12, 4/6	
RISL820	I		006	1/8	
SISL820	I		106	1/8	
SR200	O		001	1/8, 1/10 2/18	
STRP200A	I		643		
	GRD		318		
	GRD		411		
STRP2000	I		633		
	GRD		019		
STRP2001	I		634		
	GRD		020		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
STRP2002	I		635		
	GRD		021		
STRP2003	I		636		
	GRD		022		
STRP2004	I		637		
	GRD		023		
STRP2005	I		638		
	GRD		219		
STRP2006	I		639		
	GRD		220		
STRP2007	I		640		
	GRD		221		
STRP2008	I		641		
	GRD		222		
STRP2009	I		642		
	GRD		223		
STRP201A	I		743		
	GRD		511		
STRP2010	I		733		
	GRD		119		
STRP2011	I		734		
	GRD		120		
STRP2012	I		735		
	GRD		121		
STRP2013	I		736		
	GRD		122		
STRP2014	I		737		
	GRD		123		
STRP2015	I		738		
	GRD		319		
STRP2016	I		739		
	GRD		320		
STRP2017	I		740		
	GRD		321		
STRP2018	I		741		
	GRD		322		
STRP2019	I		742		
	GRD		323		
STRP202A	I		656		
	GRD		423		
STRP2020	I		646		
	GRD		412		
STRP2021	I		647		
	GRD		413		
STRP2022	I		648		
	GRD		415		
STRP2023	I		649		
	GRD		416		
STRP2024	I		650		
	GRD		417		
STRP2025	I		651		
	GRD		418		
STRP2026	I		652		
	GRD		419		
STRP2027	I		653		
	GRD		420		
STRP2028	I		654		
	GRD		421		
STRP2029	I		655		
	GRD		422		

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
STRP203A	I		756		
	GRD		523		
STRP203C	I		746		
	GRD		512		
STRP2031	I		747		
	GRD		513		
STRP2032	I		748		
	GRD		515		
STRP2033	I		749		
	GRD		516		
STRP2034	I		750		
	GRD		517		
STRP2035	I		751		
	GRD		518		
STRP2036	I		752		
	GRD		519		
STRP2037	I		753		
	GRD		520		
STRP2038	I		754		
	GRD		521		
STRP2039	I		755		
	GRD		522		
VCCA	PHR		000	2/9	
	PHR		024	2/9	
	PHR		100	2/9	
	PHR		124	2/9	
	PHR		224	2/10, 2/11 2/12, 2/13 2/14, 2/15 2/16, 4/6 4/7, 4/8	
48RE	PHR		444	2/10, 2/11 2/12, 4/6 TO PROC SYS CKT	

PART OF FS 2
SYMBOL(S) 9

10 PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		CZ	1
BELL LABORATORIES	SD-4C115-01	B#2CJ	

PART OF FS 2
PERIPHERAL CONTROLLER

SYMBOL NO. 11
PC COMMUNITY 2

SYMBOL NO. 11 (CONT)
PC COMMUNITY 2

SYMBOL NO. 11 (CONT)
PC COMMUNITY 2

SYMBOL NO. 11 (CONT)
PC COMMUNITY 2

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
PC22	13-086	(NOTE 306)	A							
CINT20	I	005							1/8	
CLRPC20	I	205							1/8	
CSA220	0	301							1/8, 1/10	
									2/18	
DMAD201	10	007							1/8	
DMAD211	10	307							1/8	
DMAD221	10	008							1/8	
DMAD231	10	308							1/8	
DMAD241	10	208							1/8	
DMAD251	10	309							1/8	
DMAD261	10	009							1/8	
DMAD271	10	310							1/8	
DMAD281	10	110							1/8	
DMAGC20	I	303							1/8	
DMARG20	I	306							1/8	
DMARG20	I	203							1/8	
DMAHR20	I	305							1/8	
DMA2001	I	311							1/8	
DMA2011	I	211							1/8	
DMA2021	I	011							1/8	
DMA2031	I	014							1/8	
DMA2041	I	013							1/8	
DMA2051	I	213							1/8	
DMA2061	I	313							1/8	
DMA2071	I	016							1/8	
DMA2081	I	015							1/8	
DMA2091	I	215							1/8	
DMA2101	I	315							1/8	
DMA2111	I	217							1/8	
DMA2121	I	017							1/8	
DMA2131	I	118							1/8	
DMA2141	I	018							1/8	
DMA2151	I	218							1/8	
ERZ	GRD	032							2/9	
	GRD	045							2/9	
	GRD	132							2/9	
	GRD	145							2/9	
	GRD	232							2/9	
	GRD	245							2/9	
	GRD	332							2/9	
	GRD	345							2/9	
	GRD	432							2/9	
	GRD	445							2/9	
	GRD	532							2/9	
	GRD	545							2/9	
	GRD	632							2/9	
	GRD	645							2/9	
	GRD	732							2/9	
	GRD	745							2/9	
ER220	0	201							1/8, 1/10	
GRD13086	GRD	004							2/18	
	GRD	010								
	GRD	103								
	GRD	105								
	GRD	107								
	GRD	109								
	GRD	111								
	GRD	113								

PART OF FS 2
SYMBOL(S) 11

10 PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		C2	1
BELL LABORATORIES	SD-4C115-01	B#2CL	

PRINTED IN U. S. A. 06/29/83

PART OF FS 2
PERIPHERAL CONTROLLER

SYMBOL NO. 12
PC COMMUNITY 2

SYMBOL NO. 12 (CONT)
PC COMMUNITY 2

SYMBOL NO. 12 (CONT)
PC COMMUNITY 2

SYMBOL NO. 12 (CONT)
PC COMMUNITY 2

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		
PC23	13-078	(NOTE 306)	A		PC23	13-078	(NOTE 306)	A		PC23	13-078	(NOTE 306)	A		PC23	13-078	(NOTE 306)	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	
CLINT20	I		005		1/8			GRD				114		STRP2307	GRD					220	
CLRPL20	I		205		1/8			GRD				115			I					640	
CSA230	O		301		1/8, 1/10 2/18			GRD				116			GRD					221	
DMAD201	IO		007		1/8			GRD				117		STRP2308	I					641	
DMAD211	IO		307		1/8			GRD				200			GRD					222	
DMAD221	IO		008		1/8			GRD				204		STRP2309	I					642	
DMAD231	IO		308		1/8			GRD				209			GRD					223	
DMAD241	IO		208		1/8			GRD				210		STRP2310	I					743	
DMAD251	IO		309		1/8			GRD				212			GRD					511	
DMAD261	IO		009		1/8			GRD				214		STRP2311	I					733	
DMAD271	IO		310		1/8			GRD				216			GRD					119	
DMAD281	IO		110		1/8			GRD				300		STRP2312	I					734	
DMAD281	IO		110		1/8			GRD				304			GRD					120	
DMA0E20	I		303		1/8			GRD				312		STRP2313	I					735	
DMA0D20	I		306		1/8			GRD				314			GRD					121	
DMA0Q20	I		203		1/8			GRD				316		STRP2314	I					736	
DMAWR20	I		305		1/8			GRD				317			GRD					122	
DMAZ001	I		311		1/8			GRD				324		STRP2315	I					737	
DMAZ011	I		211		1/8			GRD				404			GRD					123	
DMAZ021	I		011		1/8			GRD				409		STRP2316	I					738	
DMAZ031	I		014		1/8			GRD				414			GRD					317	
DMAZ041	I		013		1/8			GRD				424		STRP2317	I					739	
DMAZ051	I		213		1/8			GRD				524			GRD					320	
DMAZ061	I		313		1/8			GRD				101	1/8, 1/10 2/18	STRP2318	I					740	
DMAZ071	I		016		1/8			GRD				101	1/8, 1/10 2/18		GRD					321	
DMAZ081	I		015		1/8			GRD				101	1/8, 1/10 2/18	STRP2319	I					741	
DMAZ091	I		215		1/8			GRD				144	2/9		GRD					322	
DMAZ101	I		315		1/8			GRD				544	2/9	STRP2320	I					742	
DMAZ111	I		217		1/8			GRD				206	2/9		GRD					323	
DMAZ121	I		017		1/8			GRD				207	2/9	STRP2321	I					656	
DMAZ131	I		118		1/8			GRD				003	1/8		GRD					423	
DMAZ141	I		018		1/8			GRD				012	2/9	STRP2322	I					648	
DMAZ151	I		218		1/8			GRD				112	2/9		GRD					412	
ERZ	GRD		032		2/9			GRD				244	2/9	STRP2323	I					647	
ERZ	GRD		045		2/9			GRD				344	2/9		GRD					413	
ERZ	GRD		132		2/9			GRD				002	2/9	STRP2324	I					648	
ERZ	GRD		145		2/9			GRD				102	2/9		GRD					415	
ERZ	GRD		232		2/9			GRD				202	2/9	STRP2325	I					649	
ERZ	GRD		245		2/9			GRD				302	2/9		GRD					416	
ERZ	GRD		332		2/9			GRD				102	2/9	STRP2326	I					650	
ERZ	GRD		345		2/9			GRD				106	1/8		GRD					417	
ERZ	GRD		432		2/9			GRD				106	1/8	STRP2327	I					651	
ERZ	GRD		445		2/9			GRD				001	1/8, 1/10 2/18		GRD					651	
ERZ	GRD		532		2/9			GRD				643	2/18	STRP2328	I					652	
ERZ	GRD		545		2/9			GRD				318	2/9		GRD					419	
ERZ	GRD		632		2/9			GRD				411	2/9	STRP2329	I					653	
ERZ	GRD		645		2/9			GRD				633	2/9		GRD					420	
ERZ	GRD		732		2/9			GRD				019	2/9	STRP2330	I					654	
ERZ	GRD		745		2/9			GRD				634	2/9		GRD					654	
ERZ	GRD		107		2/9			GRD				020	2/9	STRP2331	I					421	
ERZ	GRD		109		2/9			GRD				635	2/9		GRD					655	
ERZ	GRD		111		2/9			GRD				635	2/9	STRP2332	I					422	
ERZ	GRD		113		2/9			GRD				635	2/9		GRD					422	
INT230	O				1/8, 1/10 2/18		INT230	O						STRP2333	I					748	
N12E2	PWR		044		2/9		N12E2	PWR				044	2/9		GRD					515	
N48VS2	PWR		144		2/9		N48VS2	PWR				144	2/9		GRD					513	
N5M2	PWR		206		2/9		N5M2	PWR				206	2/9		GRD					749	
PCSEL230	PWR		207		2/9		PCSEL230	PWR				207	2/9		GRD						
PRES1A	GRD		012		2/9		PRES1A	GRD				012	2/9		GRD						
PRES0A	GRD		112		2/9		PRES0A	GRD				112	2/9		GRD						
P12E2	PWR		244		2/9		P12E2	PWR				244	2/9		GRD						
P12M2	PWR		344		2/9		P12M2	PWR				344	2/9		GRD						
R1SL820	PWR		002		2/9		R1SL820	PWR				002	2/9		GRD						
R1SL820	PWR		102		2/9		R1SL820	PWR				102	2/9		GRD						
R1SL820	PWR		202		2/9		R1SL820	PWR				202	2/9		GRD						
R1SL820	PWR		302		2/9		R1SL820	PWR				302	2/9		GRD						
R1SL820	PWR		102		2/9		R1SL820	PWR				102	2/9		GRD						
R1SL820	PWR		202		2/9		R1SL820	PWR				202	2/9		GRD						
R1SL820	PWR		302		2/9		R1SL820	PWR				302	2/9		GRD						
R1SL820	PWR		102		2/9		R1SL820	PWR				102	2/9		GRD						
R1SL820	PWR		202		2/9		R1SL820	PWR				202	2/9		GRD						
R1SL820	PWR		302		2/9		R1SL820	PWR				302	2/9		GRD						
R1SL820	PWR		102		2/9		R1SL820	PWR				102	2/9		GRD						
R1SL820	PWR		202		2/9		R1SL820	PWR				202	2/9		GRD						
R1SL820	PWR		302		2/9		R1SL820	PWR				302	2/9		GRD						
R1SL820	PWR		102		2/9		R1SL820	PWR				102	2/9		GRD						
R1SL820	PWR																				

PART OF FS 2
PERIPHERAL CONTROLLER

SYMBOL NO. 13 PC COMMUNITY 3							SYMBOL NO. 13 (CONT) PC COMMUNITY 3							SYMBOL NO. 13 (CONT) PC COMMUNITY 3							SYMBOL NO. 13 (CONT) PC COMMUNITY 3						
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	DESIG	EOPT LOC	CODE	ELEM IDENT	OPT			
PC30	13-062	(NOTE 306)	A		PC30	13-062	(NOTE 306)	A		PC30	13-062	(NOTE 306)	A		PC30	13-062	(NOTE 306)	A		PC30	13-062	(NOTE 306)	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				
CINT30	I		005	1/8			GRD		114			STRP3005	I			638											
CLRPC30	I		205	1/8			GRD		115				GRD			219											
CSA300	O		301	1/8, 1/9 2/17			GRD		116			STRP3006	I			639											
DMAD301	IO		007	1/8			GRD		117				GRD			220											
DMAD311	IO		307	1/8			GRD		200				GRD			640											
DMAD321	IO		008	1/8			GRD		204			STRP3007	I			221											
DMAD331	IO		308	1/8			GRD		209				GRD			641											
DMAD341	IO		208	1/8			GRD		210			STRP3008	I			222											
DMAD351	IO		309	1/8			GRD		212			STRP3009	I			642											
DMAD361	IO		009	1/8			GRD		214				GRD			223											
DMAD371	IO		310	1/8			GRD		216			STRP3010	I			733											
DMAD381	IO		110	1/8			GRD		304				GRD			119											
DMADC30	I		303	1/8			GRD		312			STRP3011	I			734											
DMARD30	I		306	1/8			GRD		314				GRD			120											
DMARG30	I		203	1/8			GRD		316			STRP3012	I			735											
DMAHR30	I		305	1/8			GRD		317				GRD			121											
DMA3001	I		311	1/8			GRD		324			STRP3013	I			736											
DMA3011	I		211	1/8			GRD		404				GRD			122											
DMA3021	I		011	1/8			GRD		409			STRP3014	I			737											
DMA3031	I		014	1/8			GRD		414				GRD			123											
DMA3041	I		013	1/8			GRD		424			STRP3015	I			738											
DMA3051	I		213	1/8			INT300	O	101		1/8, 1/9 2/17		GRD			319											
DMA3061	I		313	1/8								STRP3016	I			739											
DMA3071	I		016	1/8									GRD			320											
DMA3081	I		015	1/8			N1ZE3	PHR	044		2/13		STRP3017	I		740											
DMA3091	I		215	1/8					144		2/14, 2/15 2/16, 4/7			GRD		321											
DMA3101	I		315	1/8			N48VS3	PHR	544		2/14, 2/15 2/16, 4/7		STRP3018	I		741											
DMA3111	I		217	1/8										GRD		322											
DMA3121	I		017	1/8								STRP3019	I			742											
DMA3131	I		118	1/8			N5M3	PHR	206		2/14, 2/15 2/16, 4/7			GRD		323											
DMA3141	I		018	1/8					207		1/8		STRP3020	I		743											
DMA3151	I		218	1/8			PCSEL300	I	003					GRD		423											
ER3	GRD		032	2/13					012		2/9		STRP3021	I		744											
	GRD		045	2/13			PRES1A	GRD	012		2/9			GRD		646											
	GRD		132	2/13			PRES0A	GRD	112		2/9		STRP3022	I		745											
	GRD		145	2/13			P1ZE3	PHR	244		2/13			GRD		412											
	GRD		232	2/13					344		2/14, 2/15 2/16, 4/7		STRP3023	I		746											
	GRD		245	2/13			P1ZM3	PHR	102		2/13			GRD		413											
	GRD		332	2/13					202		2/13		STRP3024	I		747											
	GRD		345	2/13					302		2/13			GRD		414											
	GRD		432	2/13					002		2/14, 2/15 2/16, 4/7		STRP3025	I		748											
	GRD		445	2/13							1/8			GRD		415											
	GRD		532	2/13			RISL830	I	006				STRP3026	I		749											
	GRD		545	2/13			SISL830	I	106		1/8			GRD		417											
	GRD		632	2/13			SR300	O	001		1/8, 1/9 2/17		STRP3027	I		750											
	GRD		645	2/13										GRD		418											
	GRD		745	2/13			STRP300A	I	643				STRP3028	I		751											
	GRD		732	2/14, 2/15 2/16, 4/7					318					GRD		419											
	GRD								411				STRP3029	I		752											
ER300	O		201	1/8, 1/9 2/17			STRP3000	I	633					GRD		420											
GRD13062	GRD		004						019				STRP3030	I		753											
	GRD		010						634					GRD		421											
	GRD		103						020				STRP3031	I		754											
	GRD		105											GRD		422											
	GRD		107						635					GRD		423											
	GRD		109						636					GRD		424											
	GRD		111											GRD		425											
	GRD		113						022					GRD		426											
									637					GRD		427											
									023					GRD		428											

PART OF FS 2
SYMBOL(S) 13

IO PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		C2	1
BELL LABORATORIES	SD-4C115-01	B#ZCN	

PART OF FS 2
PERIPHERAL CONTROLLER

SYMBOL NO. 14
PC COMMUNITY 3

SYMBOL NO. 14 (CONT)
PC COMMUNITY 3

SYMBOL NO. 14 (CONT)
PC COMMUNITY 3

SYMBOL NO. 14 (CONT)
PC COMMUNITY 3

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		
PC31	13-054	(NOTE 306)	A		PC31	13-054	(NOTE 306)	A		PC31	13-054	(NOTE 306)	A		PC31	13-054	(NOTE 306)	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	
CINT30	I		005		1/8			GRD		114				STRP3107	GRD		220				
CLRPC30	I		205		1/8			GRD		115					I		640				
CSA310	0		301		1/8, 1/9 2/17			GRD		116					GRD		221				
DMAD301	IO		007		1/8			GRD		117				STRP3108	I		641				
DMAD311	IO		307		1/8			GRD		200				STRP3109	I		222				
DMAD321	IO		008		1/8			GRD		204					I		642				
DMAD331	IO		308		1/8			GRD		209				STRP311A	GRD		223				
DMAD341	IO		208		1/3			GRD		210					I		743				
DMAD351	IO		309		1/3			GRD		212					GRD		511				
DMAD361	IO		009		1/8			GRD		214				STRP3110	I		733				
DMAD371	IO		310		1/8			GRD		216					GRD		119				
DMAD381	IO		110		1/8			GRD		300				STRP3111	I		734				
DMAOC30	I		303		1/8			GRD		304					GRD		120				
DMAOD30	I		306		1/8			GRD		312				STRP3112	I		735				
DMAOD30	I		203		1/8			GRD		314					GRD		121				
DMAWR30	I		305		1/8			GRD		316				STRP3113	I		736				
DMA3001	I		311		1/8			GRD		317					GRD		122				
DMA3011	I		211		1/8			GRD		324				STRP3114	I		737				
DMA3021	I		011		1/8			GRD		404					GRD		123				
DMA3031	I		014		1/8			GRD		409				STRP3115	I		738				
DMA3041	I		013		1/8			GRD		414					GRD		319				
DMA3051	I		213		1/8			GRD		424				STRP3116	I		739				
DMA3061	I		313		1/8			GRD		524					GRD		320				
DMA3071	I		016		1/8			INT310		101			1/8, 1/9 2/17	STRP3117	I		740				
DMA3081	I		015		1/8			N12E3	PWR	044			2/13		GRD		321				
DMA3091	I		215		1/8				PWR	144			2/13	STRP3118	I		741				
DMA3101	I		315		1/8			N48VS3	PWR	544			2/13		GRD		322				
DMA3111	I		217		1/8			N5M3	PWR	206			2/13	STRP3119	I		742				
DMA3121	I		017		1/8				PWR	207			2/13		GRD		323				
DMA3131	I		118		1/8			PCSEL310	I	003			1/8	STRP312A	I		656				
DMA3141	I		018		1/8			PRES1A	GRD	012			2/9		GRD		423				
DMA3151	I		218		1/8			PRES0A	GRD	112			2/9	STRP3120	I		646				
ER3	GRD		032		2/13			P12E3	PWR	244			2/13		GRD		412				
	GRD		045		2/13				PWR	344			2/13	STRP3121	I		647				
	GRD		132		2/13			P12M3	PWR	002			2/13		GRD		413				
	GRD		145		2/13				PWR	102			2/13	STRP3122	I		648				
	GRD		232		2/13				PWR	202			2/13		GRD		415				
	GRD		245		2/13			R1SL830	PWR	302			2/13	STRP3123	I		649				
	GRD		332		2/13				I	006			1/8		GRD		416				
	GRD		345		2/13			S1SL830	I	106			1/8	STRP3124	I		650				
	GRD		432		2/13			SR310	0	001			1/8, 1/9 2/17	STRP3125	I		651				
	GRD		445		2/13										I						
	GRD		532		2/13			STRP310A	I	643				STRP3126	GRD		418				
	GRD		545		2/13				GRD	318					I		652				
	GRD		632		2/13			STRP3100	GRD	411				STRP3127	I		653				
	GRD		645		2/13				I	633					GRD		420				
	GRD		732		2/13			STRP3101	GRD	019				STRP3128	I		654				
	GRD		745		2/13				I	634					GRD		421				
ER310	0		201		1/8, 1/9 2/17			STRP3102	I	635				STRP3129	I		655				
GRD13054	GRD		004						GRD	021					GRD		422				
	GRD		010					STRP3103	I	636				STRP313A	I		756				
	GRD		103						GRD	022				STRP3130	I		746				
	GRD		105					STRP3104	GRD	637					I						
	GRD		107						I	023				STRP3131	GRD		512				
	GRD		109					STRP3105	I	638					I		747				
	GRD		111						GRD	219				STRP3132	I		748				
	GRD		113					STRP3106	I	639					GRD		515				
														STRP3133	I		749				

PART OF FS 2
SYMBOL(S) 14

10 PROCESSOR AND OFC CONTROLLER UNIT		DWG SIZE	ISSUE
		C2	1
BELL LABORATORIES	SD-4C115-01	B#2CP	

PART OF FS 2
PERIPHERAL CONTROLLER

SYMBOL NO. 16
PC COMMUNITY 3

SYMBOL NO. 16 (CONT)
PC COMMUNITY 3

SYMBOL NO. 16 (CONT)
PC COMMUNITY 3

SYMBOL NO. 16 (CONT)
PC COMMUNITY 3

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT	LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE
PC33	13-038	(NOTE 306)	A							
CINT30	I	005	1/8							
CLRPC10	I	205	1/8							
CSA330	0	301	1/8, 1/9						2/17	
DMAD301	10	007	1/8							
DMAD311	10	307	1/8							
DMAD321	10	008	1/8							
DMAD331	10	308	1/8							
DMAD341	10	208	1/8							
DMAD351	10	309	1/8							
DMAD361	10	009	1/8							
DMAD371	10	310	1/8							
DMAD381	10	110	1/8							
DMAOC30	I	303	1/8							
DHARD30	I	306	1/8							
DHARD30	I	203	1/8							
DMAHR30	I	305	1/8							
DMA3001	I	311	1/8							
DMA3011	I	211	1/8							
DMA3021	I	011	1/8							
DMA3031	I	014	1/8							
DMA3041	I	013	1/8							
DMA3051	I	213	1/8							
DMA3061	I	313	1/8							
DMA3071	I	016	1/8							
DMA3081	I	015	1/8							
DMA3091	I	215	1/8							
DMA3101	I	315	1/8							
DMA3111	I	217	1/8							
DMA3121	I	017	1/8							
DMA3131	I	118	1/8							
DMA3141	I	018	1/8							
DMA3151	I	218	1/8							
ER3	GRD	032	2/13							
	GRD	045	2/13							
	GRD	132	2/13							
	GRD	145	2/13							
	GRD	232	2/13							
	GRD	245	2/13							
	GRD	332	2/13							
	GRD	345	2/13							
	GRD	432	2/13							
	GRD	445	2/13							
	GRD	532	2/13							
	GRD	545	2/13							
	GRD	632	2/13							
	GRD	645	2/13							
	GRD	732	2/13							
	GRD	745	2/13							
ER330	0	201	1/8, 1/9						2/17	
GRD13038	GRD	004								
	GRD	010								
	GRD	103								
	GRD	105								
	GRD	107								
	GRD	109								
	GRD	111								
	GRD	113								

PART OF FS 2
SYMBOL(S) 16

IO PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		C2	1
BELL LABORATORIES	SD-4E115-01	B#2CT	

PART OF FS 2
PERIPHERAL CONTROLLER

SYMBOL NO. 17
TERMINAL FIELD

SYMBOL NO. 17 (CONT)
TERMINAL FIELD

SYMBOL NO. 18 (CONT)
TERMINAL FIELD

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TF13070	13-070	TF	A	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TF13070	13-070	TF	A	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TF13076	13-076	TF	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
CINT30	I		001		1/8	
CLRPC30	I		103		1/8	
CSA300	I		005		2/13	
CSA310	I		004		2/14	
CSA320	I		104		2/15	
CSA330	I		003		2/16	
DMAD301	I		140		1/8	
DMAD311	I		039		1/8	
DMAD321	I		139		1/8	
DMAD331	I		138		1/8	
DMAD341	I		037		1/8	
DMAD351	I		137		1/8	
DMAD361	I		036		1/8	
DMAD371	I		136		1/8	
DMAD381	I		035		1/8	
DMAD300	I		023		1/8	
DMAD330	I		123		1/8	
DMAD330	I		122		1/8	
DMAWR30	I		101		1/8	
DMA3001	I		020		1/8	
DMA3011	I		119		1/8	
DMA3021	I		018		1/8	
DMA3031	I		017		1/8	
DMA3041	I		117		1/8	
DMA3051	I		016		1/8	
DMA3061	I		116		1/8	
DMA3071	I		015		1/8	
DMA3081	I		115		1/8	
DMA3091	I		014		1/8	
DMA3101	I		114		1/8	
DMA3111	I		042		1/8	
DMA3121	I		142		1/8	
DMA3131	I		041		1/8	
DMA3141	I		141		1/8	
DMA3151	I		040		1/8	
ER300	I		010		2/13	
ER310	I		009		2/14	
ER320	I		109		2/15	
ER330	I		008		2/16	
GRDPC4	GRD		000		1/9	
	GRD		006		1/9	
	GRD		011		1/9	
	GRD		100		1/9	
	GRD		105		1/9	
	GRD		111		1/9	
GRDPC5	GRD		013		1/9	
	GRD		019		1/9	
	GRD		024		1/9	
	GRD		113		1/9	
	GRD		118		1/9	
	GRD		124		1/9	
GRDPC6	GRD		032		1/9	
	GRD		038		1/9	
	GRD		043		1/9	
	GRD		132		1/9	
	GRD		143		1/9	
INT300	I		034		2/13	
INT310	I		134		2/14	
INT320	I		033		2/15	
INT330	I		133		2/16	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
OOL30	I		110		4/7	
OOS31	I		135		1/8	
PCSEL300	I		108		1/8	
PCSEL310	I		007		1/8	
PCSEL320	I		107		1/8	
PCSEL330	I		106		1/8	
RISL830	I		102		1/8	
SISL830	I		032		1/8	
SR300	I		022		2/13	
SR310	I		121		2/14	
SR320	I		021		2/15	
SR330	I		120		2/16	

SYMBOL NO. 18
TERMINAL FIELD

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TF13076	13-076	TF	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
CINT20	I		001		1/8	
CLRPC20	I		103		1/8	
CSAZ00	I		005		2/9	
CSAZ10	I		004		2/10	
CSAZ20	I		104		2/11	
CSAZ30	I		003		2/12	
DMAD201	I		140		1/8	
DMAD211	I		039		1/8	
DMAD221	I		139		1/8	
DMAD231	I		138		1/8	
DMAD241	I		037		1/8	
DMAD251	I		137		1/8	
DMAD261	I		036		1/8	
DMAD271	I		136		1/8	
DMAD281	I		035		1/8	
DMAOC20	I		023		1/8	
DMAOD20	I		123		1/8	
DMAOQ20	I		122		1/8	
DMAWR20	I		101		1/8	
DMA2001	I		020		1/8	
DMA2011	I		119		1/8	
DMA2021	I		018		1/8	
DMA2031	I		017		1/8	
DMA2041	I		117		1/8	
DMA2051	I		016		1/8	
DMA2061	I		116		1/8	
DMA2071	I		015		1/8	
DMA2081	I		115		1/8	
DMA2091	I		014		1/8	
DMA2101	I		114		1/8	
DMA2111	I		042		1/8	
DMA2121	I		142		1/8	
DMA2131	I		041		1/8	

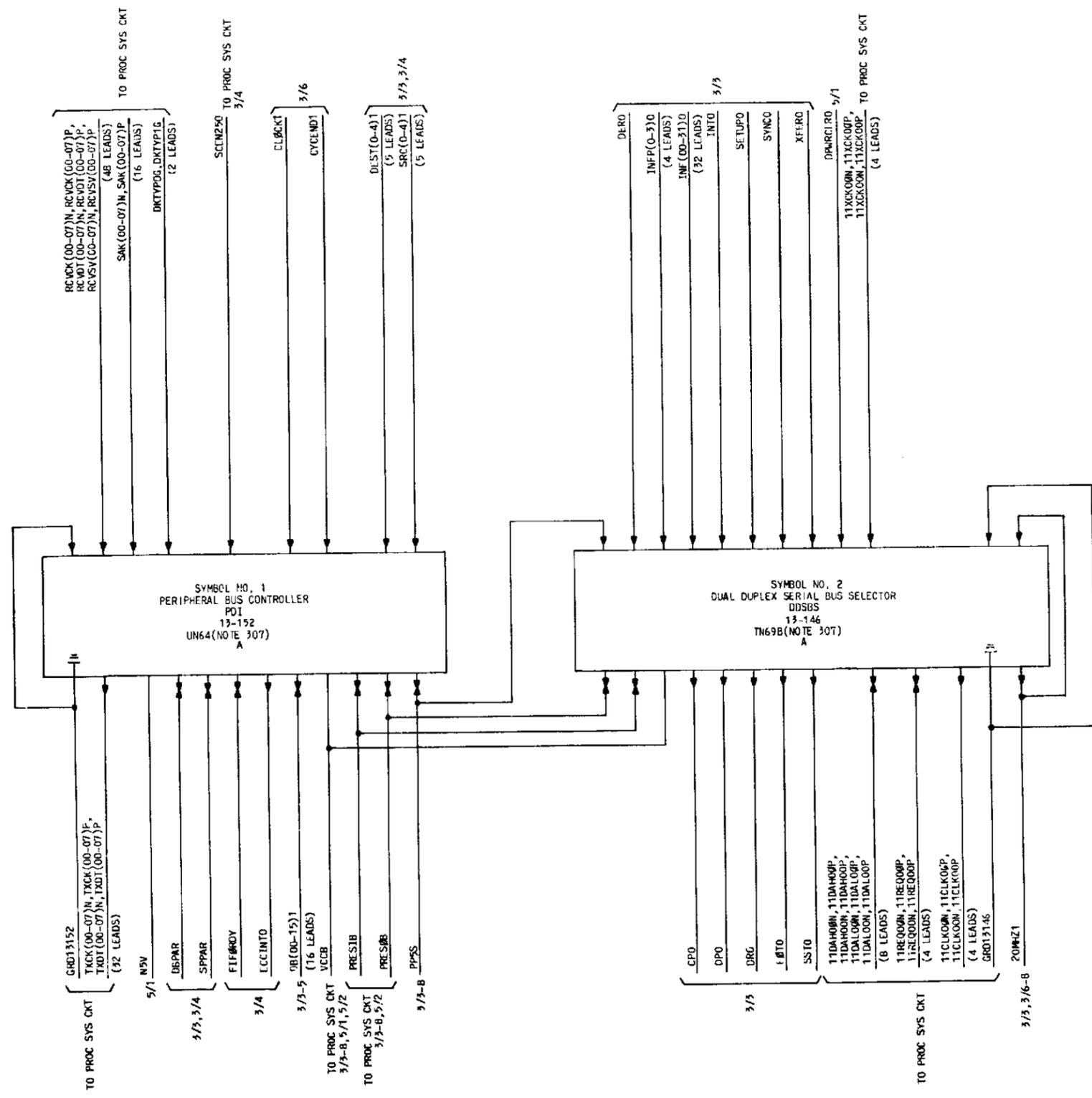
LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
DMA2141	I		141		1/8	
DMA2151	I		040		1/8	
ER200	I		010		2/9	
ER210	I		009		2/10	
ER220	I		109		2/11	
ER230	I		008		2/12	
GRDPC1	GRD		000		1/10	
	GRD		006		1/10	
	GRD		011		1/10	
	GRD		100		1/10	
	GRD		105		1/10	
	GRD		111		1/10	
GRDPC2	GRD		013		1/10	
	GRD		019		1/10	
	GRD		024		1/10	
	GRD		113		1/10	
	GRD		118		1/10	
	GRD		124		1/10	
GRDPC3	GRD		032		1/10	
	GRD		038		1/10	
	GRD		043		1/10	
	GRD		132		1/10	
	GRD		143		1/10	
INT200	I		034		2/9	
INT210	I		134		2/10	
INT220	I		033		2/11	
INT230	I		133		2/12	
OOL20	I		110		4/6	
OOS21	I		135		1/8	
PCSEL200	I		108		1/8	
PCSEL210	I		007		1/8	
PCSEL220	I		107		1/8	
PCSEL230	I		106		1/8	
RISL820	I		102		1/8	
SISL820	I		032		1/8	
SR200	I		022		2/9	
SR210	I		121		2/10	
SR220	I		021		2/11	
SR230	I		120		2/12	

PART OF FS 2
SYMBOL(S) 17 18

10 PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		C2	1
BELL LABORATORIES	SD-4C115-01	B#ZCU	

PART OF FS 3

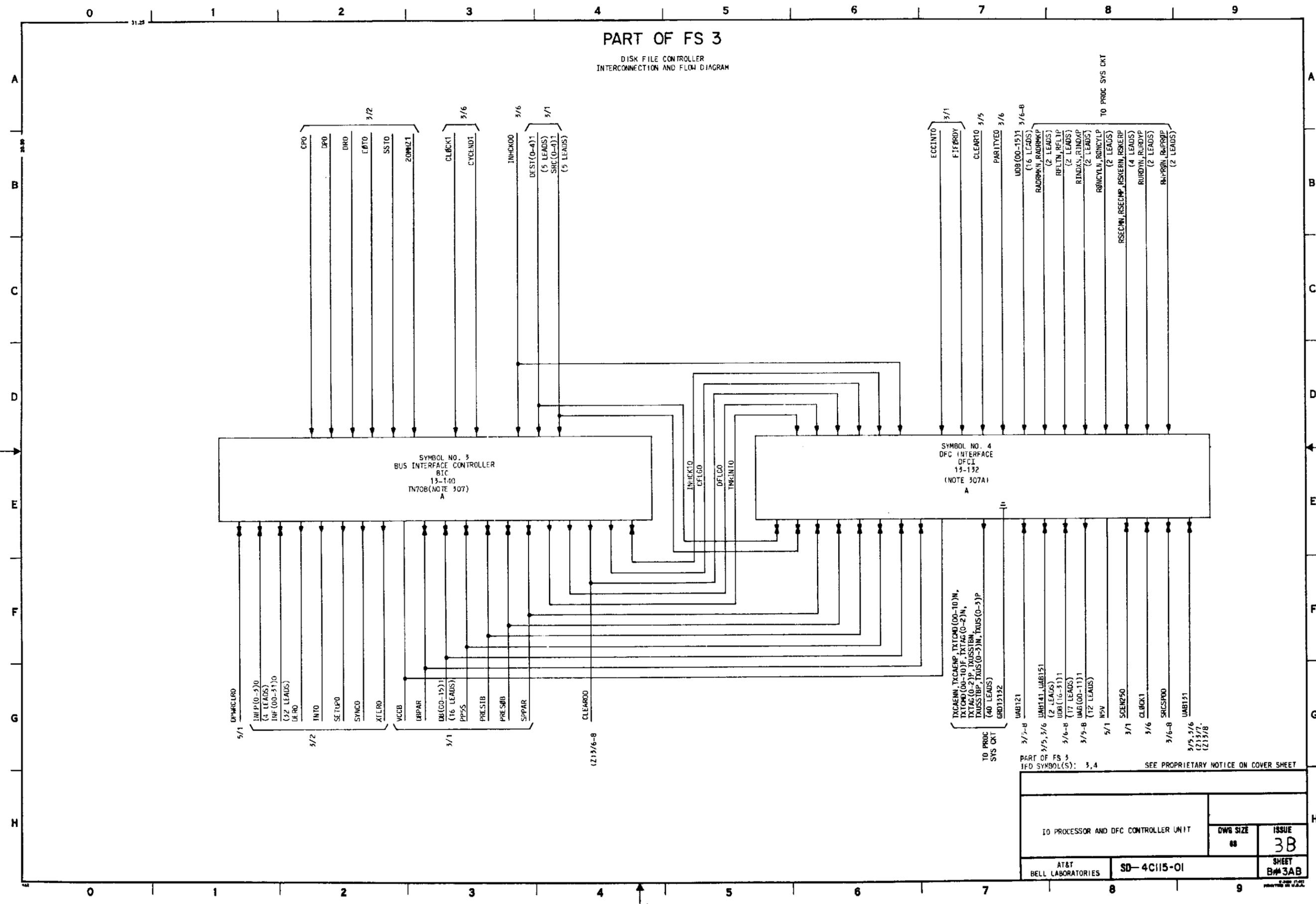
DISK FILE CONTROLLER
INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 3
IFD SYMBOL(S): 1,2 SEE PROPRIETARY NOTICE ON COVER SHEET

IO PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		88	3B
AT&T BELL LABORATORIES	SD-4C115-01	SHEET B-3AA	

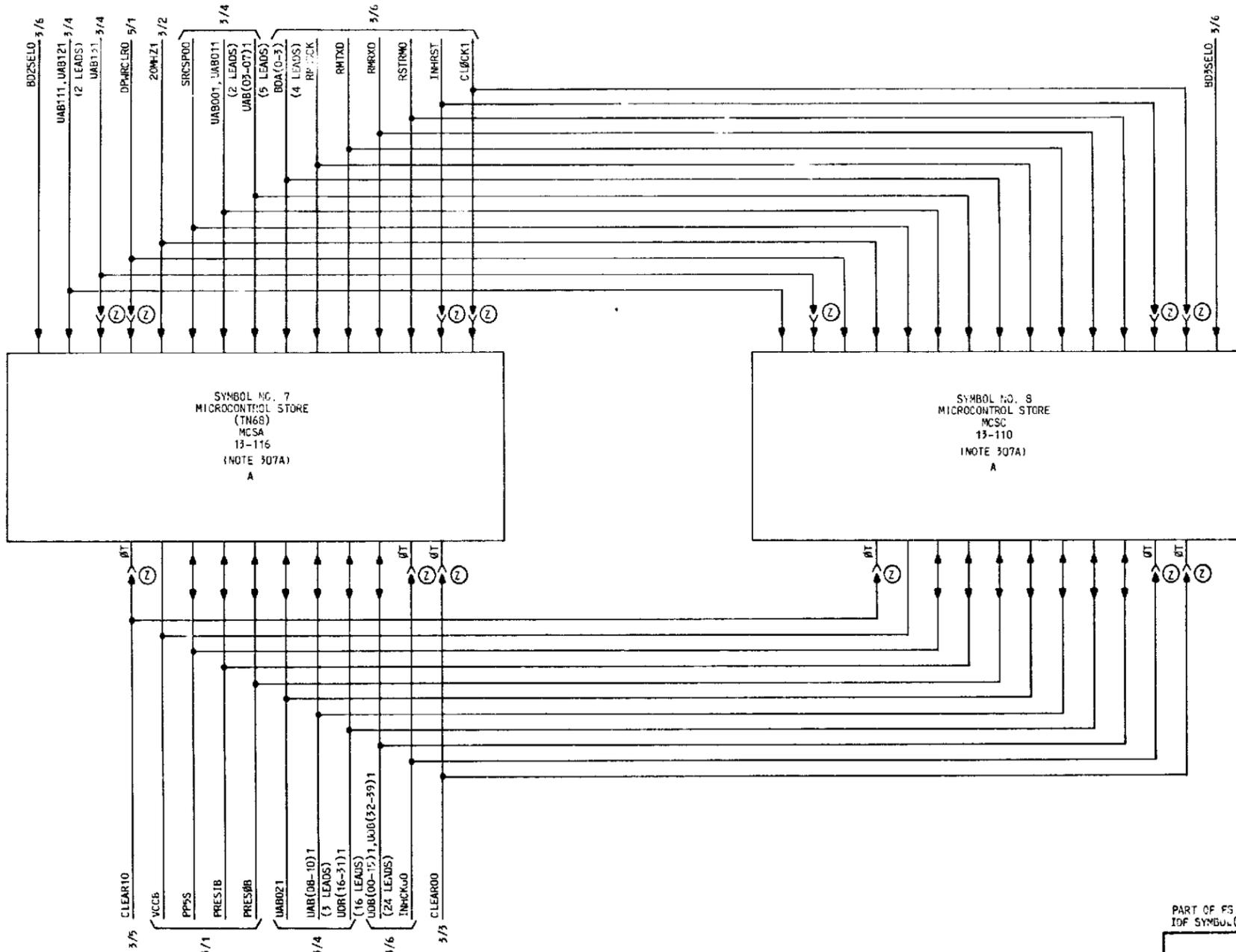
PART OF FS 3
DISK FILE CONTROLLER
INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 3
IFD SYMBOL(S): 3, 4
SEE PROPRIETARY NOTICE ON COVER SHEET

IO PROCESSOR AND DFC CONTROLLER UNIT	OWB SIZE	ISSUE
	48	3B
AT&T BELL LABORATORIES	SD-4C115-01	SHEET B# 3AB

PART OF FS 3
DISK FILE CONTROLLER
INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 3
IDF SYMBOL(S): 7, 8 SEE PROPRIETARY NOTICE ON COVER SHEET

18 PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE 48	ISSUE 3B
A1&T BELL LABORATORIES	SD-4C115-01	SHEET B# 3AD	

PART OF FS 3
DISK FILE CONTROLLER

SYMBOL NO. 1 PERIPHERAL DISK CONTROLLER						SYMBOL NO. 1 (CONT) PERIPHERAL DISK CONTROLLER						SYMBOL NO. 1 (CONT) PERIPHERAL DISK CONTROLLER						SYMBOL NO. 1 (CONT) PERIPHERAL DISK CONTROLLER									
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					
PDI	13-152	UN64(NOTE 307)	A			PDI	13-152	UN64(NOTE 307)	A			PDI	13-152	UN64(NOTE 307)	A			PDI	13-152	UN64(NOTE 307)	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	PWR	VCC	210				GRD	GRD	024					N5V	GRD	GRD	556				RCVSV06P	I	RCSV761	136			TO PROC SYS CKT
	O	PSE0	011				GRD	GRD	032						PWR	N5V	444		5/1		RCVSV07N	I	RCVSV70	053			TO PROC SYS CKT
	I	256MEN1	235				GRD	GRD	039						I	N5V	445		5/1		RCVSV07P	I	RCVSV71	153			TO PROC SYS CKT
	I	WC021	249				GRD	GRD	040						I	P55	234		3/3, 3/4		SAK00N	I	SAK00	420			TO PROC SYS CKT
	I	WC031	250				GRD	GRD	048						I	PR2.2	043		3/5, 3/6		SAK00P	I	SAK01	520			TO PROC SYS CKT
	I	WC061	253				GRD	GRD	049						I	PR2.1	143		3/7, 3/8		SAK01N	I	SAK10	435			TO PROC SYS CKT
	I	WC101	255				GRD	GRD	056						I	PR2.2	043		3/2		SAK01P	I	SAK11	535			TO PROC SYS CKT
	I	WC001	349				GRD	GRD	102						I	PR2.1	143		3/2, 3/3		SAK02N	I	SAK20	403			TO PROC SYS CKT
	I	WC041	352				GRD	GRD	107						I	PR2.1	143		3/4, 3/5		SAK02P	I	SAK21	503			TO PROC SYS CKT
	I	WC051	353				GRD	GRD	109						I	PR2.1	143		3/6, 3/7		SAK03N	I	SAK30	452			TO PROC SYS CKT
	I	WC071	354				GRD	GRD	116						I	PR2.1	143		3/8, 5/2		SAK03P	I	SAK31	552			TO PROC SYS CKT
	I	WC091	355				GRD	GRD	117						I	PR2.1	143		TO PROC SYS CKT		SAK04N	I	SAK40	220			TO PROC SYS CKT
CLOCK1	I	CLOCK1	350		3/6		GRD	GRD	124						I	PR2.1	143		3/2, 3/3		SAK04P	I	SAK41	320			TO PROC SYS CKT
CYCEND1	I	CYCEND1	251		3/6		GRD	GRD	132						I	PR2.1	143		3/4, 3/5		SAK05N	I	SAK50	020			TO PROC SYS CKT
DBPAR	I	DBPAR	200		3/3, 3/4		GRD	GRD	139						I	PR2.1	143		3/6, 3/7		SAK05P	I	SAK51	120			TO PROC SYS CKT
DB001	I	DB001	001		3/3, 3/4		GRD	GRD	140						I	PR2.1	143		TO PROC SYS CKT		SAK06N	I	SAK60	035			TO PROC SYS CKT
DB011	I	DB011	101		3/5		GRD	GRD	148						I	PR2.1	143		TO PROC SYS CKT		SAK06P	I	SAK61	135			TO PROC SYS CKT
DB021	I	DB021	201		3/3, 3/4		GRD	GRD	149						I	PR2.1	143		TO PROC SYS CKT		SAK07N	I	SAK70	052			TO PROC SYS CKT
DB031	I	DB031	301		3/5		GRD	GRD	156						I	PR2.1	143		TO PROC SYS CKT		SAK07P	I	SAK71	152			TO PROC SYS CKT
DB041	I	DB041	002		3/3, 3/4		GRD	GRD	205						I	PR2.1	143		TO PROC SYS CKT		SCENZ50	I	SCENZX0	545			3/4
DB051	I	DB051	202		3/5		GRD	GRD	209						I	PR2.1	143		TO PROC SYS CKT		SPPAR	I	SPPAR	110			3/3, 3/4
DB061	I	DB061	302		3/3, 3/4		GRD	GRD	216						I	PR2.1	143		TO PROC SYS CKT		SRC01	I	SRC001	106			3/4
DB071	I	DB071	103		3/5		GRD	GRD	217						I	PR2.1	143		TO PROC SYS CKT		SRC11	I	SRC011	306			3/4
DB081	I	DB081	203		3/3, 3/4		GRD	GRD	224						I	PR2.1	143		TO PROC SYS CKT		SRC21	I	SRC021	007			3/4
DB091	I	DB091	303		3/5		GRD	GRD	239						I	PR2.1	143		TO PROC SYS CKT		SRC31	I	SRC031	207			3/4
DB101	I	DB101	004		3/3, 3/4		GRD	GRD	247						I	PR2.1	143		TO PROC SYS CKT		SRC41	I	SRC041	206			3/4
DB111	I	DB111	104		3/5		GRD	GRD	252						I	PR2.1	143		TO PROC SYS CKT		TXCK00N	O	TX0CLK0	419			TO PROC SYS CKT
DB121	I	DB121	204		3/3, 3/4		GRD	GRD	300						I	PR2.1	143		TO PROC SYS CKT		TXCK00P	O	TX0CLK1	519			TO PROC SYS CKT
DB131	I	DB131	005		3/5		GRD	GRD	307						I	PR2.1	143		TO PROC SYS CKT		TXCK01N	O	TX1CLK0	434			TO PROC SYS CKT
DB141	I	DB141	105		3/3, 3/4		GRD	GRD	316						I	PR2.1	143		TO PROC SYS CKT		TXCK01P	O	TX1CLK1	534			TO PROC SYS CKT
DB151	I	DB151	305		3/5		GRD	GRD	317						I	PR2.1	143		TO PROC SYS CKT		TXCK02N	O	TX2CLK0	402			TO PROC SYS CKT
DEST01	I	DST001	008		3/3, 3/4		GRD	GRD	324						I	PR2.1	143		TO PROC SYS CKT		TXCK02P	O	TX2CLK1	502			TO PROC SYS CKT
DEST11	I	DST011	108		3/5		GRD	GRD	332						I	PR2.1	143		TO PROC SYS CKT		TXCK03N	O	TX3CLK0	451			TO PROC SYS CKT
DEST21	I	DST021	208		3/3, 3/4		GRD	GRD	339						I	PR2.1	143		TO PROC SYS CKT		TXCK03P	O	TX3CLK1	551			TO PROC SYS CKT
DEST31	I	DST031	308		3/5		GRD	GRD	347						I	PR2.1	143		TO PROC SYS CKT		TXCK04N	O	TX4CLK0	219			TO PROC SYS CKT
DEST41	I	DST041	009		3/3, 3/4		GRD	GRD	351						I	PR2.1	143		TO PROC SYS CKT		TXCK04P	O	TX4CLK1	319			TO PROC SYS CKT
DKTYP0G	I	DKTYP01	333		3/3, 3/4	TO PROC SYS CKT X,W	GRD	GRD	400						I	PR2.1	143		TO PROC SYS CKT		TXCK05N	O	TX5CLK0	019			TO PROC SYS CKT
DKTYP1G	I	DKTYP11	334		3/5	TO PROC SYS CKT X,W	GRD	GRD	407						I	PR2.1	143		TO PROC SYS CKT		TXCK05P	O	TX5CLK1	119			TO PROC SYS CKT
ECCINT0	O	ECCRATN0	111		3/4		GRD	GRD	408						I	PR2.1	143		TO PROC SYS CKT		TXCK06N	O	TX6CLK0	034			TO PROC SYS CKT
FIFORDY	I	FROY0	211		3/4		GRD	GRD	410						I	PR2.1	143		TO PROC SYS CKT		TXCK06P	O	TX6CLK1	134			TO PROC SYS CKT
GRD13152	I	DKE091	233		3/5		GRD	GRD	416						I	PR2.1	143		TO PROC SYS CKT		TXCK07N	O	TX7CLK0	051			TO PROC SYS CKT
	I	WC081	254		3/4		GRD	GRD	417						I	PR2.1	143		TO PROC SYS CKT		TXCK07P	O	TX7CLK1	151			TO PROC SYS CKT
	I	128MEN1	335		3/4		GRD	GRD	424						I	PR2.1	143		TO PROC SYS CKT		TXD00N	O	TX0DAT0	418			TO PROC SYS CKT
	I	WC011	348		3/4		GRD	GRD	432						I	PR2.1	143		TO PROC SYS CKT		TXD00P	O	TX0DAT1	518			TO PROC SYS CKT
	GRD	GRD	003		3/4		GRD	GRD	439						I	PR2.1	143		TO PROC SYS CKT		TXD01N	O	TX1DAT0	433			TO PROC SYS CKT
	GRD	GRD	006		3/4		GRD	GRD	440						I	PR2.1	143		TO PROC SYS CKT		TXD01P	O	TX1DAT1	533			TO PROC SYS CKT
	GRD	GRD	016		3/4		GRD	GRD	448						I	PR2.1	143		TO PROC SYS CKT		TXD02N	O	TX2DAT0	401			TO PROC SYS CKT
	GRD	GRD	017		3/4		GRD	GRD	449						I	PR2.1	143		TO PROC SYS CKT		TXD02P	O	TX2DAT1	501			TO PROC SYS CKT
							GRD	GRD	456						I	PR2.1	143		TO PROC SYS CKT		TXD03N	O	TX3DAT0	450			TO PROC SYS CKT
							GRD	GRD	500						I	PR2.1	143		TO PROC SYS CKT								
							GRD	GRD	507						I	PR2.1	143		TO PROC SYS CKT								
							GRD	GRD	508						I	PR2.1	143		TO PROC SYS CKT								
							GRD	GRD	516						I	PR2.1	143		TO PROC SYS CKT								
							GRD	GRD	517						I	PR2.1	143		TO PROC SYS CKT								
							GRD	GRD	524						I	PR2.1	143		TO PROC SYS CKT								
							GRD	GRD	532						I	PR2.1	143		TO PROC SYS CKT								
							GRD	GRD	539						I	PR2.1	143		TO PROC SYS CKT								
							GRD	GRD	540						I	PR2.1	143		TO PROC SYS CKT								
							GRD	GRD	548						I	PR2.1	143		TO PROC SYS CKT								
							GRD	GRD	549						I	PR2.1	143		TO PROC SYS CKT								

PART OF FS 3
SYMBOL(S) 1

SEE PROPRIETARY NOTICE ON COVER SHEET

10 PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		2	3B
AT&T BELL LABORATORIES		SD-4C115-01	B#3CA

08/15/84

PART OF FS 3
DISK FILE CONTROLLER

SYMBOL NO. 1 (CONT)
PERIPHERAL DISK CONTROLLER

SYMBOL NO. 2 (CONT)
DUAL DUPLEX SERIAL BUS SELECTOR

SYMBOL NO. 2 (CONT)
DUAL DUPLEX SERIAL BUS SELECTOR

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
PDI	13-152	UN64(NOTE 307)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
TXDT03P	0	TX3DAT1	550		TO PROC SYS CKT	
TXDT04N	0	TX4DAT0	218		TO PROC SYS CKT	
TXDT04P	0	TX4DAT1	318		TO PROC SYS CKT	
TXDT05N	0	TX5DAT0	018		TO PROC SYS CKT	
TXDT05P	0	TX5DAT1	118		TO PROC SYS CKT	
TXDT06N	0	TX6DAT0	033		TO PROC SYS CKT	
TXDT06P	0	TX6DAT1	133		TO PROC SYS CKT	
TXDT07N	0	TX7DAT0	050		TO PROC SYS CKT	
TXDT07P	0	TX7DAT1	150		TO PROC SYS CKT	
VCCB	PHR	VCC	000		3/1	
	PHR		012		3/1	
	PHR	VCC	044		3/1	
	PHR		100		3/1	
	PHR		112		3/1	
	PHR		144		3/1	
	PHR		212		3/1	
	PHR		244		3/1	
	PHR	VCC	256		3/1	
	PHR		344		3/1	
	PHR	VCC	356		3/1	X
	PHR		412		3/1	
	PHR	VCC	442		3/1	
	PHR		512		3/1	
	PHR	VCC	542		3/1	
	PHR		544		3/1	
	PHR		312		TO PROC SYS CKT	
					3/2, 3/3	
					3/4, 3/5	
					3/6, 3/7	
					3/8, 5/1	
					5/2	

NOTE(S):
W. THIS PIN IS INVOLVED IN (W) OPTION WIRING AT SYSTEM LEVEL.
X. THIS PIN IS INVOLVED IN (X) OPTION WIRING AT SYSTEM LEVEL.

SYMBOL NO. 2
DUAL DUPLEX SERIAL BUS SELECTOR

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DOSBS	13-146	TN69B(NOTE 307)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	0	10MHZ0	016			
	I	20MHZ	314			
	GRD		234			
CPO	0	CPO0	319		3/3	
DERO	I	ER10	020		3/3	
DPHRELR0	I	INIT0	344		5/1	
DPO	0	DPO0	219		3/3	
DRO	0	DRO0	019		3/3	
EOTO	0	EOTO0	118		3/3	
GRD13146	GRD	GRD	006			
	GRD	GRD	101			
	GRD	GRD	103			

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DOSBS	13-146	TN69B(NOTE 307)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRD	GRD		111			
GRD	GRD		113			
GRD	GRD		117			
GRD	GRD		119			
GRD	GRD		121			
GRD	GRD		133			
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		TO PROC SYS CKT	
GRD	GRD		206			
GRD	GRD		212			
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		244			
GRD	GRD		246			
GRD	GRD		248			
GRD	GRD		250			
GRD	GRD		252			
GRD	GRD		254			
GRD	GRD		311			
GRD	GRD		324			
GRD	GRD		332			
INFP00	GRD	INFP080	356			
INFP10	I	INFP180	154		3/3	
INFP20	I	INFP280	342		3/3	
INFP30	I	INFP380	142		3/3	
INFP000	I	INFP0800	134		3/3	
INF010	I	INF0180	035		3/3	
INF020	I	INF0280	136		3/3, 3/3	
INF030	I	INF0380	037		3/3, 3/3	
INF040	I	INF0480	138		3/3	
INF050	I	INF0580	039		3/3	
INF060	I	INF0680	140		3/3	
INF070	I	INF0780	041		3/3	
INF080	I	INF0880	334		3/3	
INF090	I	INF0980	235		3/3	
INF100	I	INF1080	336		3/3	
INF110	I	INF1180	237		3/3	
INF120	I	INF1280	338		3/3	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
DOSBS	13-146	TN69B(NOTE 307)	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
INF130	I	INF1380	239		3/3	
INF140	I	INF1480	340		3/3	
INF150	I	INF1580	241		3/3	
INF160	I	INF1680	146		3/3	
INF170	I	INF1780	047		3/3	
INF180	I	INF1880	148		3/3	
INF190	I	INF1980	049		3/3	
INF200	I	INF2080	150		3/3	
INF210	I	INF2180	051		3/3	
INF220	I	INF2280	152		3/3	
INF230	I	INF2380	053		3/3	
INF240	I	INF2480	346		3/3	
INF250	I	INF2580	247		3/3	
INF260	I	INF2680	348		3/3	
INF270	I	INF2780	249		3/3	
INF280	I	INF2880	350		3/3	
INF290	I	INF2980	251		3/3	
INF300	I	INF3080	352		3/3	
INF310	I	INF3180	253		3/3	
INT0	I	INT10	321		3/3	
PPSS	I	PPRSENSE	044		3/1	
PRES1B	IO	L1M1T1	023		3/1	
PRES0B	IO	L1M1T0	024		3/1	
SETUP0	I	SETUP10	022		3/3	
SST0	0	SST00	318		3/3	
SYNCO	I	SYNCO	221		3/3	
VCCB	PHR	VCC	000		3/1	
	PHR	VCC	001		3/1	
	PHR	VCC	052		3/1	
	PHR	VCC	115		3/1	
	PHR	VCC	124		3/1	
	PHR	VCC	132		3/1	
	PHR	VCC	156		3/1	
XFER0	I	XFER10	021		3/3	
11CLK00N	0	CLK10N	207		TO PROC SYS CKT	
11CLK00P	0	CLK10P	306		TO PROC SYS CKT	
11CLK00N	0	CLK00N	007		TO PROC SYS CKT	
11CLK00P	0	CLK00P	106		TO PROC SYS CKT	
11DAH00N	IO	DAH1BN	210		TO PROC SYS CKT	
11DAH00P	IO	DAH1BP	309		TO PROC SYS CKT	
11DAH00N	IO	DAH0BN	010		TO PROC SYS CKT	
11DAH00P	IO	DAH0BP	109		TO PROC SYS CKT	
11DAL00N	IO	DAL1BN	209		TO PROC SYS CKT	
11DAL00P	IO	DAL1BP	308		TO PROC SYS CKT	
11DAL00N	IO	DAL0BN	009		TO PROC SYS CKT	
11DAL00P	IO	DAL0BP	108		TO PROC SYS CKT	
11REG00N	IO	REG1BN	211		TO PROC SYS CKT	
11REG00P	IO	REG1BP	310		TO PROC SYS CKT	
11REG00N	IO	REG0BN	011		TO PROC SYS CKT	
11REG00P	IO	REG0BP	110		TO PROC SYS CKT	
11XCK00N	I	XCLK11N	208		TO PROC SYS CKT	
11XCK00P	I	XCLK11P	307		TO PROC SYS CKT	
11XCK00N	I	XCLK01N	008		TO PROC SYS CKT	
11XCK00P	I	XCLK01P	107		TO PROC SYS CKT	
20MHZ1	I	SPEED1	116		3/2	
	0	20MHZ0	316		3/3, 3/6	
					3/7, 3/8	

PART OF FS 3
SYMBOL(S) 1 2

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IO PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		02	38
AT&T BELL LABORATORIES	SD-4C115-01	B#3CB	

PART OF FS 3
DISK FILE CONTROLLER

SYMBOL NO. 3 BUS INTERFACE CONTROLLER							SYMBOL NO. 3 (CONT) BUS INTERFACE CONTROLLER							SYMBOL NO. 3 (CONT) BUS INTERFACE CONTROLLER						
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT			DESIG	EQPT LOC	CODE	ELEM IDENT	OPT			DESIG	EQPT LOC	CODE	ELEM IDENT	OPT		
BIC	13-140	TN708(NOTE 307)	A				BIC	13-140	TN708(NOTE 307)	A				BIC	13-140	TN708(NOTE 307)	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	SNTYER01	311				GRD	GRD		137				INF130	10	INF1380	239		3/2	
	0	1MH200	314				GRD	GRD		141				INF140	10	INF1480	340		3/2	
	1	MYADD0011	011				GRD	GRD		143				INF150	10	INF1580	241		3/2	
	1	MYADD0111	012				GRD	GRD		145				INF160	10	INF1680	146		3/2	
	1	MYADD0211	013				GRD	GRD		149				INF170	10	INF1780	047		3/2	
	1	MYADD0311	014				GRD	GRD		151				INF180	10	INF1880	148		3/2	
	1	PHRINTLK	322				GRD	GRD		153				INF190	10	INF1980	049		3/2	
	1	PHRINTLK	323				GRD	GRD		155				INF200	10	INF2080	150		3/2	
	GRD	GRD	016				GRD	GRD		200				INF210	10	INF2180	051		3/2	
	GRD	GRD	018				GRD	GRD		202				INF220	10	INF2280	152		3/2	
CFLG0	GRD	GRD	351				GRD	GRD		204				INF230	10	INF2380	053		3/2	
	0	CFLG00	110		3/4		GRD	GRD		206				INF240	10	INF2480	346		3/2	
CLEAR00	OT	RSTP1000	017		(2)3/6, (2)3/7 (2)3/8		GRD	GRD		208				INF250	10	INF2580	247		3/2	
	1				3/4		GRD	GRD		210				INF260	10	INF2680	347		3/2	
CLOCK1	1	CLOCK11	350		3/6		GRD	GRD		212				INF270	10	INF2780	348		3/2	
CPD	1	CP10	319		3/2		GRD	GRD		214				INF280	10	INF2880	249		3/2	
CYCEND1	1	CYCEND11	251		3/6		GRD	GRD		215				INF290	10	INF2980	352		3/2	
DBPAR	10	DBPLB1	006		3/1		GRD	GRD		216				INF300	10	INF3080	253		3/2	
DB001	10	DB00B1	300		3/1		GRD	GRD		217				INF310	10	INF3180	353		3/2	
DB011	10	DB01B1	001		3/1		GRD	GRD		218				INHCK00	1	INHCK010	055		3/5	
DB021	10	DB02B1	201		3/1		GRD	GRD		220				INHCK10	10	INHCK110	255		3/4	
DB031	10	DB03B1	301		3/1		GRD	GRD		222				INT0	0	INT00	321		3/2	
							GRD	GRD		224				PICFER1	0	PICFER0	114			
							GRD	GRD		232					1	PRCRST11	015			
							GRD	GRD		234				PP5S	10	P5S01	044		3/1	
							GRD	GRD		236				PRES1B	10	LIMIT1	023		3/1	
							GRD	GRD		238				PRES0B	10	LIMIT0	024		3/1	
							GRD	GRD		240				SETUP0	0	SETUP00	022		3/2	
							GRD	GRD		242				SPPAR	10	DBPH81	100		3/1	
							GRD	GRD		244				SRC01	1	SRC011	106		3/4	
							GRD	GRD		246				SRC11	1	SRC111	306		3/4	
							GRD	GRD		248				SRC21	1	SRC211	007		3/4	
							GRD	GRD		250				SRC31	1	SRC311	207		3/4	
							GRD	GRD		252				SRC41	1	SRC411	307		3/4	
							GRD	GRD		254				SST0	1	SST10	318		3/2	
							GRD	GRD		315				SYNCO	0	SYNCO0	221		3/2	
							GRD	GRD		317				THRINT0	0	THRINT00	310		3/4	
							GRD	GRD		324				VCCB	PWR	VCC	000		3/1	
							GRD	GRD		332					PWR	VCC	032		3/1	
							GRD	GRD		349					PWR	VCC	107		3/1	
							GRD	GRD		356					PWR	VCC	115		3/1	
							GRD	GRD		313					PWR	VCC	124		3/1	
							INCTMR1	0	0.2MHZ00	313					PWR	VCC	139		3/1	
							INF00	10	INCTMR10	213					PWR	VCC	147		3/1	
							INF10	10	INF080	354		3/2			PWR	VCC	156		3/1	
							INF20	10	INF180	154		3/2								
							INF30	10	INF280	342		3/2								
							INF40	10	INF380	142		3/2								
							INF50	10	INF080	134		3/2								
							INF60	10	INF180	035		3/2								
							INF70	10	INF280	136		3/2								
							INF80	10	INF380	037		3/2								
							INF90	10	INF480	138		3/2								
							INF100	10	INF580	039		3/2								
							INF110	10	INF680	140		3/2								
							INF120	10	INF780	041		3/2								
							INF130	10	INF880	334		3/2								
							INF140	10	INF980	235		3/2								
							INF150	10	INF1080	336		3/2								
							INF160	10	INF1180	237		3/2								
							INF170	10	INF1280	338		3/2								

PART OF FS 3
SYMBOL(S) 3

SEE PROPRIETARY NOTICE ON COVER SHEET

10 PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		2	3B
AT&T BELL LABORATORIES	SD-4C115-01	B#3CC	

PRINTED IN U. S. A. 08/16/84

PART OF FS 3
DISK FILE CONTROLLER

SYMBOL NO. 4 DFC INTERFACE							SYMBOL NO. 4 (CONT) DFC INTERFACE							SYMBOL NO. 4 (CONT) DFC INTERFACE							SYMBOL NO. 4 (CONT) DFC INTERFACE						
DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT		
DFCI	13-132	(NOTE 307A)	A				DFCI	13-132	(NOTE 307A)	A				DFCI	13-132	(NOTE 307A)	A				DFCI	13-132	(NOTE 307A)	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	I	ENSEQ1	010				GRD	GRD	006					RFLTN	I	RFLT0	439				TXUS1P	0	TXUS11	502			
	I	COUT1	011				GRD	GRD	012					RFLTP	I	RFLT1	539				TXUS2N	0	TXUS20	403			
	I	UDR201	013				GRD	GRD	017					RINDXM	I	RINDX0	433				TXUS2P	0	TXUS21	503			
	I	UDR231	014				GRD	GRD	022					RINDXP	I	RINDX1	533				TXUS3N	0	TXUS30	404			
	I	UDR261	015				GRD	GRD	033					RONCYLN	I	RONCYL0	436				TXUS3P	0	TXUS31	504			
	I	UDR291	016				GRD	GRD	037					RONCYLP	I	RONCYL1	536				UAB01	0	UAB001	244			
	I	PPRB	040				GRD	GRD	041					RSECM	I	RSECM0	434				UAB011	0	UAB011	045			
	I	PPRA	042				GRD	GRD	048					RSECH	I	RSECH1	534				UAB021	0	UAB021	145			
	I	DIRECT11	053				GRD	GRD	052					RSKER	I	RSKER0	438				UAB031	0	UAB031	245			
	I	INT50	054				GRD	GRD	102					RSKERP	I	RSKER1	538				UAB041	0	UAB041	046			
	I	INT20	055				GRD	GRD	107					RURDY	I	RURDY0	435				UAB051	0	UAB051	246			
	I	ENALU1	110				GRD	GRD	109			TO PROC SYS CKT		RURDY1	I	RURDY1	535				UAB061	0	UAB061	345			
	I	TCRST0	112				GRD	GRD	111					RWPRON	I	RWPRO0	437				UAB071	0	UAB071	047			
	I	ZR01	113				GRD	GRD	116					RWPROP	I	RWPRO1	537				UAB081	0	UAB081	147			
	I	UDR241	114				GRD	GRD	119					SCENZ50	I	SCENZ50	545				UAB091	0	UAB091	346			
	I	SINT20	144				GRD	GRD	136					SCINT0	I	TEST21	151				UAB101	0	UAB101	148			
	I	INT40	154				GRD	GRD	139					SCINT0	I	SCINT0	546				UAB111	0	UAB111	248			
	I	DVFL01	211				GRD	GRD	143					SPPAR	I	SPPAR	200				UAB121	0	UAB121	348			
	I	UDR211	213				GRD	GRD	146					SRCSP00	I	DESTSP00	212				UAB131	0	UAB131	049			
	I	UDR271	215				GRD	GRD	153					SRC01	I	SOURCE01	206				UAB141	0	UAB141	249			
	I	UDR301	216				GRD	GRD	205					SRC11	I	SOURCE11	306				UAB151	0	UAB151	349			
	I	INT10	255				GRD	GRD	209					SRC21	I	SOURCE21	007				UDB001	I	UDB001	117			
	I	ENASEL1	310				GRD	GRD	214					SRC31	I	SOURCE31	207				UDB011	I	UDB011	217			
	I	NEG1	311				GRD	GRD	218					SRC41	I	SOURCE41	208				UDB021	I	UDB021	115			
	I	UDR221	313				GRD	GRD	221					THRINT0	I	INT70	253				UDB031	I	UDB031	018			
	I	UDR251	314				GRD	GRD	236					TXCAENN	0	TXCAEN0	420				UDB041	I	UDB041	118			
	I	UDR281	315				GRD	GRD	239					TXCAENP	0	TXCAEN1	520				UDB051	I	UDB051	318			
	I	UDR311	316				GRD	GRD	243					TXCND00N	0	TXCND000	408				UDB061	I	UDB061	019			
	I	INT00	355				GRD	GRD	247					TXCND00P	0	TXCND001	508				UDB071	I	UDB071	219			
	I	PWR500	544				GRD	GRD	252					TXCND01N	0	TXCND010	409				UDB081	I	UDB081	319			
CFLG0	I	INT60	353		3/3		GRD	GRD	300					TXCND01P	0	TXCND011	509				UDB091	I	UDB091	020			
CLEAR00	I	CLEAR00	056		3/3		GRD	GRD	304					TXCND02N	0	TXCND020	410				UDB101	I	UDB101	120			
CLEAR10	I	CLEAR10	156		3/5		GRD	GRD	307					TXCND02P	0	TXCND021	510				UDB111	I	UDB111	320			
CLOCK1	I	CLOCK1	350		3/6		GRD	GRD	312					TXCND03N	0	TXCND030	411				UDB121	I	UDB121	021			
DBPAR	I	DBPAR	106		3/1		GRD	GRD	317					TXCND03P	0	TXCND031	511				UDB131	I	UDB131	121			
DB001	I	DB001	101		3/1		GRD	GRD	322					TXCND04N	0	TXCND040	413				UDB141	I	UDB141	321			
DB011	I	DB011	001		3/1		GRD	GRD	332					TXCND04P	0	TXCND041	513				UDB151	I	UDB151	122			
DB021	I	DB021	201		3/1		GRD	GRD	335					TXCND05N	0	TXCND050	414				UDB161	I	UDB161	222			
DB031	I	DB031	301		3/1		GRD	GRD	339					TXCND05P	0	TXCND051	514				UDB171	I	UDB171	123			
DB041	I	DB041	002		3/1		GRD	GRD	344					TXCND06N	0	TXCND060	415										
DB051	I	DB051	202		3/1		GRD	GRD	347					TXCND06P	0	TXCND061	515										
DB061	I	DB061	302		3/1		GRD	GRD	351					TXCND07N	0	TXCND070	416										
DB071	I	DB071	103		3/1		GRD	GRD	424					TXCND07P	0	TXCND071	516										
DB081	I	DB081	203		3/1		GRD	GRD	432					TXCND08N	0	TXCND080	417										
DB091	I	DB091	303		3/1		GRD	GRD	456					TXCND08P	0	TXCND081	517										
DB101	I	DB101	004		3/1		GRD	GRD	524					TXCND09N	0	TXCND090	418										
DB111	I	DB111	104		3/1		GRD	GRD	532					TXCND09P	0	TXCND091	518										
DB121	I	DB121	204		3/1		GRD	GRD	556					TXCND10N	0	TXCND100	419										
DB131	I	DB131	005		3/1		INHEK00	I	INHEK00	050		3/5		TXCND10P	0	TXCND101	519										
DB141	I	DB141	105		3/1		INHEK10	I	INHEK10	150		3/3		TXTAG00	0	TXTAG00	405										
DB151	I	DB151	305		3/1		IXINT0	I	TEST11	251				TXTAG01	0	TXTAG01	505										
DEST01	I	DEST01	008		3/1, 3/3		NSV	I	IXINT0	446				TXTAG10	0	TXTAG10	406										
DEST11	I	DEST11	108		3/1, 3/3		NSV	I	NSV	444		5/1		TXTAG11	0	TXTAG11	506										
DEST21	I	DEST21	308		3/1, 3/3		NSV	I	NSV	445				TXTAG20	0	TXTAG20	407										
DEST31	I	DEST31	009		3/1, 3/3		PARITYE0	I	PARITYE0	352		3/6		TXTAG21	0	TXTAG21	507										
DEST41	I	DEST41	309		3/1, 3/3		PPSS	I	PSS	044		3/1		TXUSSTB0	0	TXUSSTB0	400										
DPLG0	I	TEST01	051		3/3		PPRESIB	I	PPRESIB	043		3/1		TXUSSTB1	0	TXUSSTB1	500										
ECCINT0	I	INT30	354		3/1		PRESOB	I	PCPRA	343		3/1		TXUS0N	0	TXUS00	401										

PART OF FS 3
DISK FILE CONTROLLER

SYMBOL NO. 7 MICROCONTROL STORE (TN68)							SYMBOL NO. 7 (CONT) MICROCONTROL STORE (TN68)							SYMBOL NO. 7 (CONT) MICROCONTROL STORE (TN68)							SYMBOL NO. 7 (CONT) MICROCONTROL STORE (TN68)						
DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT		
MCSA	13-116	(NOTE 307A)	A				MCSA	13-116	(NOTE 307A)	A				MCSA	13-116	(NOTE 307A)	A				MCSA	13-116	(NOTE 307A)	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
DESIG		MOD	MOD	MOD			DESIG		MOD	MOD	MOD			DESIG		MOD	MOD	MOD			DESIG		MOD	MOD	MOD		
NC	0	CLK0A1	051				CLOCK1	I	CLK1	343	(Z)	3/6		RMTXD	I	RMTXD	007										
	0	CLK0C1	052				DPHRCLO	I	PHRCLO	241	(Z)	3/1		RSTRM0	I	RSTRM0	006										
	0	BD3SELO	054				GRD13116	I	BDCC0	013	(Z)			SRCSP00	I	SRCSP00	309										
	0	PARITYE0	152					I	DEST41	116	(Z)			UAB001	I	UAB001	344										
	0	BD4SELO	154					I	SOURCE41	316	(Z)			UAB011	I	UAB011	045										
	0	TP017	239					GRD	GRD	101				UAB021	I	UAB021	245										
	0	CYCE001	251					GRD	GRD	103				UAB031	I	UAB031	345										
	0	BD1SELO	253					GRD	GRD	105				UAB041	I	UAB041	046										
	0	CLOCK1	350					GRD	GRD	109				UAB051	I	UAB051	146										
	0	CLK0B1	351					GRD	GRD	111				UAB061	I	UAB061	346										
	0	CLK0D1	352					GRD	GRD	113				UAB071	I	UAB071	047										
	0	BD2SELO	353					GRD	GRD	117				UAB081	I	UAB081	247										
	I	DB011	001					GRD	GRD	119				UAB091	I	UAB091	347										
	I	DB041	002					GRD	GRD	121				UAB101	I	UAB101	048										
	I	DB071	003					GRD	GRD	123				UAB111	I	UAB111	148										
	I	DB101	004					GRD	GRD	133				UAB121	I	UAB121	348										
	I	DB131	005					GRD	GRD	135				UAB131	I	UAB131	049										
	I	UDR291	012					GRD	GRD	137				UDB001	I	UDB001	017	(Z)									
	I	DEST01	014					GRD	GRD	141				UDB011	I	UDB011	217										
	I	DEST11	015					GRD	GRD	143				UDB021	I	UDB021	317										
	I	DEST21	016					GRD	GRD	145				UDB031	I	UDB031	018										
	I	BDSCO	056					GRD	GRD	149				UDB041	I	UDB041	118										
	I	DB051	102					GRD	GRD	151				UDB051	I	UDB051	318										
	I	DB111	104					GRD	GRD	153				UDB061	I	UDB061	019										
	I	UDR301	112					GRD	GRD	155				UDB071	I	UDB071	219										
	I	DEST31	114					GRD	GRD	200				UDB081	I	UDB081	319										
	I	RAMEN1	140					GRD	GRD	202				UDB091	I	UDB091	020										
	I	PCM	142					GRD	GRD	204				UDB101	I	UDB101	120										
	I	STPCLK0	150					GRD	GRD	206				UDB111	I	UDB111	320										
	I	DB021	201					GRD	GRD	208				UDB121	I	UDB121	021										
	I	DB081	203					GRD	GRD	210				UDB131	I	UDB131	221										
	I	DB141	205					GRD	GRD	212				UDB141	I	UDB141	321										
	I	UDR271	211					GRD	GRD	214				UDB151	I	UDB151	022										
	I	BDCC1	213					GRD	GRD	216				UDB161	I	UDB161	122										
	I	SOURCE01	215					GRD	GRD	218				UDB171	I	UDB171	322										
	I	UAB141	249					GRD	GRD	220				UDB181	I	UDB181	023										
	I	BDSC1	256					GRD	GRD	222				UDB191	I	UDB191	223										
	I	DB001	300					GRD	GRD	224				UDB201	I	UDB201	323										
	I	DB031	301					GRD	GRD	232				UDB211	I	UDB211	024										
	I	DB061	302					GRD	GRD	234				UDB221	I	UDB221	132										
	I	DB091	303					GRD	GRD	236				UDB231	I	UDB231	033										
	I	DB121	304					GRD	GRD	238				UDB241	I	UDB241	233										
	I	DB151	305					GRD	GRD	240				UDB251	I	UDB251	333										
	I	UDR281	311					GRD	GRD	242				UDB261	I	UDB261	034										
	I	UDR311	312					GRD	GRD	244				UDB271	I	UDB271	134										
	I	SOURCE11	313					GRD	GRD	246				UDB281	I	UDB281	334										
	I	SOURCE21	314					GRD	GRD	248				UDB291	I	UDB291	035										
	I	SOURCE31	315					GRD	GRD	250				UDB301	I	UDB301	235										
	I	PROMA0	338					GRD	GRD	252				UDB311	I	UDB311	335										
	I	PROMO0	339					GRD	GRD	324				UDB321	I	UDB321	036										
	I	PROMEN0	340					GRD	GRD	332				UDB331	I	UDB331	136										
	I	BUFFDIR1	341					GRD	GRD	356				UDB341	I	UDB341	336										
BDA0	I	UAB151	349					GRD	GRD	254	(Z)	3/7		UDB351	I	UDB351	037										
	I	BDA0	207		3/5		INHCK00	OT	INHCK00	041	(Z)	3/5		UDB361	I	UDB361	237										
BDA1	I	BDA1	307		3/5		INHRS1	I	INHRS1	342	(Z)	(Z)3/6		UDB371	I	UDB371	337										
BDA2	I	BDA2	008		3/5		PPS	I	PPS	044				UDB381	I	UDB381	038										
BDA3	I	BDA3	108		3/5		PRESR	ID	PESR	040				UDB391	I	UDB391	138										
BD2SELO	I	ENC0	053		3/6		PRESOB	ID	PEPRA	042		3/1	VCCB	PHR	VCC	000											
CLEAR00	OT	CLEAR00	243		(Z) 3/3		RMBDCK	I	RMBDCK	106		3/5		PHR	VCC	032											
CLEAR10	OT	CLEAR10	043		(Z) 3/5		RMRXD	I	RMRXD	306		3/5		PHR	VCC	107											

PART OF FS 3
SYMBOL(S) 7

SEE PROPRIETARY NOTICE ON COVER SHEET

10 PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		2	38
AT&T BELL LABORATORIES		SD-4C115-01	B#3CG

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PART OF FS 3
DISK FILE CONTROLLER

SYMBOL NO. 8 MICROCONTROL STORE							SYMBOL NO. 8 (CONT) MICROCONTROL STORE							SYMBOL NO. 8 (CONT) MICROCONTROL STORE							SYMBOL NO. 8 (CONT) MICROCONTROL STORE						
DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT		
MCSC	13-110	(NOTE 307A)	A				MCSC	13-110	(NOTE 307A)	A				MCSC	13-110	(NOTE 307A)	A				MCSC	13-110	(NOTE 307A)	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
DESIG		MOD	MOD	OPT			DESIG		MOD	MOD	OPT			DESIG		MOD	MOD	OPT			DESIG		MOD	MOD	OPT		
NC	0	CLKQA1	051				CLOCK1	I	CLK1	343	(2)	3/6		RMTXD	I	RMTXD	007										
	0	CLKQE1	052				OPWRCLR0	I	PWRCLR0	241	(2)	5/1			I	RSTRM0	006										
	0	BD1SELO	054				GRD13110	I	DEST41	116	(2)				I	SRCSP00	309										
	0	PARITYE0	152					I	BDC01	213	(2)			UAB001	I	UAB001	344										
	0	BD4SELO	154					I	SOURCE41	316	(2)			UAB011	I	UAB011	045										
	0	TP017	239					GRD	GRD	101				UAB021	IO	UAB021	245										
	0	CYCFND1	251					GRD	GRD	103				UAB031	I	UAB031	345										
	0	BD1SELO	253					GRD	GRD	105				UAB041	I	UAB041	046										
	0	CLOCK1	350					GRD	GRD	109				UAB051	I	UAB051	146										
	0	CLKQB1	351					GRD	GRD	111				UAB061	I	UAB061	346										
	0	CLKQD1	352					GRD	GRD	113				UAB071	I	UAB071	047										
	0	BD2SELO	353					GRD	GRD	117				UAB081	IO	UAB081	247										
	I	DB011	001					GRD	GRD	119				UAB091	IO	UAB091	347										
	I	DB041	002					GRD	GRD	121				UAB101	IO	UAB101	048										
	I	DB071	003					GRD	GRD	123				UAB111	I	UAB111	148										
	I	DB101	004					GRD	GRD	133				UAB121	I	UAB121	348										
	I	DB131	005					GRD	GRD	135				UAB131	I	UAB131	049		(2)								
	I	UDR291	012					GRD	GRD	137				UDB001	IO	UDB001	017										
	I	BDC00	013					GRD	GRD	141				UDB011	IO	UDB011	217										
	I	DEST01	014					GRD	GRD	143				UDB021	IO	UDB021	317										
	I	DEST11	015					GRD	GRD	145				UDB031	IO	UDB031	018										
	I	DEST21	016					GRD	GRD	149				UDB041	IO	UDB041	118										
	I	BD5C0	056					GRD	GRD	151				UDB051	IO	UDB051	318										
	I	DB051	102					GRD	GRD	153				UDB061	IO	UDB061	019										
	I	DB111	104					GRD	GRD	155				UDB071	IO	UDB071	219										
	I	UDR301	112					GRD	GRD	200				UDB081	IO	UDB081	319										
	I	DEST31	114					GRD	GRD	202				UDB091	IO	UDB091	020										
	I	RAMEN1	140					GRD	GRD	204				UDB101	IO	UDB101	120										
	I	PGM	142					GRD	GRD	206				UDB111	IO	UDB111	320										
	I	STPELKO	150					GRD	GRD	208				UDB121	IO	UDB121	021										
	I	DB021	201					GRD	GRD	210				UDB131	IO	UDB131	221										
	I	DB081	203					GRD	GRD	212				UDB141	IO	UDB141	321										
	I	DB141	205					GRD	GRD	214				UDB151	IO	UDB151	022										
	I	UDR271	211					GRD	GRD	216				UDB161	IO	UDB161	122										
	I	SOURCE01	215					GRD	GRD	218				UDB171	IO	UDB171	322										
	I	UAB141	249					GRD	GRD	220				UDB181	IO	UDB181	023										
	I	BDCS1	256					GRD	GRD	222				UDB191	IO	UDB191	223										
	I	DB031	300					GRD	GRD	224				UDB201	IO	UDB201	323										
	I	DB031	301					GRD	GRD	232				UDB211	IO	UDB211	024										
	I	DB061	302					GRD	GRD	234				UDB221	IO	UDB221	132										
	I	DB091	303					GRD	GRD	236				UDB231	IO	UDB231	033										
	I	DB121	304					GRD	GRD	238				UDB241	IO	UDB241	233										
	I	DB151	305					GRD	GRD	240				UDB251	IO	UDB251	333										
	I	UDR281	311					GRD	GRD	242				UDB261	IO	UDB261	034										
	I	UDR311	312					GRD	GRD	244				UDB271	IO	UDB271	134										
	I	SOURCE11	313					GRD	GRD	246				UDB281	IO	UDB281	334										
	I	SOURCE21	314					GRD	GRD	248				UDB291	IO	UDB291	035										
	I	SOURCE31	315					GRD	GRD	250				UDB301	IO	UDB301	235										
	I	PROMAEO	338					GRD	GRD	252				UDB311	IO	UDB311	335										
	I	PROMQEO	339					GRD	GRD	254				UDB321	IO	UDB321	036										
	I	PROMENO	340					GRD	GRD	324				UDB331	IO	UDB331	136										
	I	BUFFDIR1	341					GRD	GRD	356				UDB341	IO	UDB341	336										
BDA0	I	UAB151	349					GRD	GRD	332		(2) 3/8		UDB351	IO	UDB351	037										
	I	BDA0	207			3/5		OT	INHCK00	041	(2)	3/5		UDB361	IO	UDB361	237										
BDA1	I	BDA1	307			3/5		I	INHIRST	342	(2)	3/6		UDB371	IO	UDB371	337										
BDA2	I	BDA2	008			3/5		IO	PSS	044		3/1		UDB381	IO	UDB381	038										
BDA3	I	BDA3	108			3/5		IO	PCPRB	040		3/1		UDB391	IO	UDB391	138										
BD1SELO	I	ENCS0	053			3/6		IO	PCPRA	042		3/1		VCCB	PWR	VCC	000										
CLEAR00	OT	CLEAR00	243			(2) 3/3		I	RAMBCK	106		3/5			PWR	VCC	032										
CLEAR10	OT	CLEAR10	043			(2) 3/5		I	RMRXD	306		3/5			PWR	VCC	107										

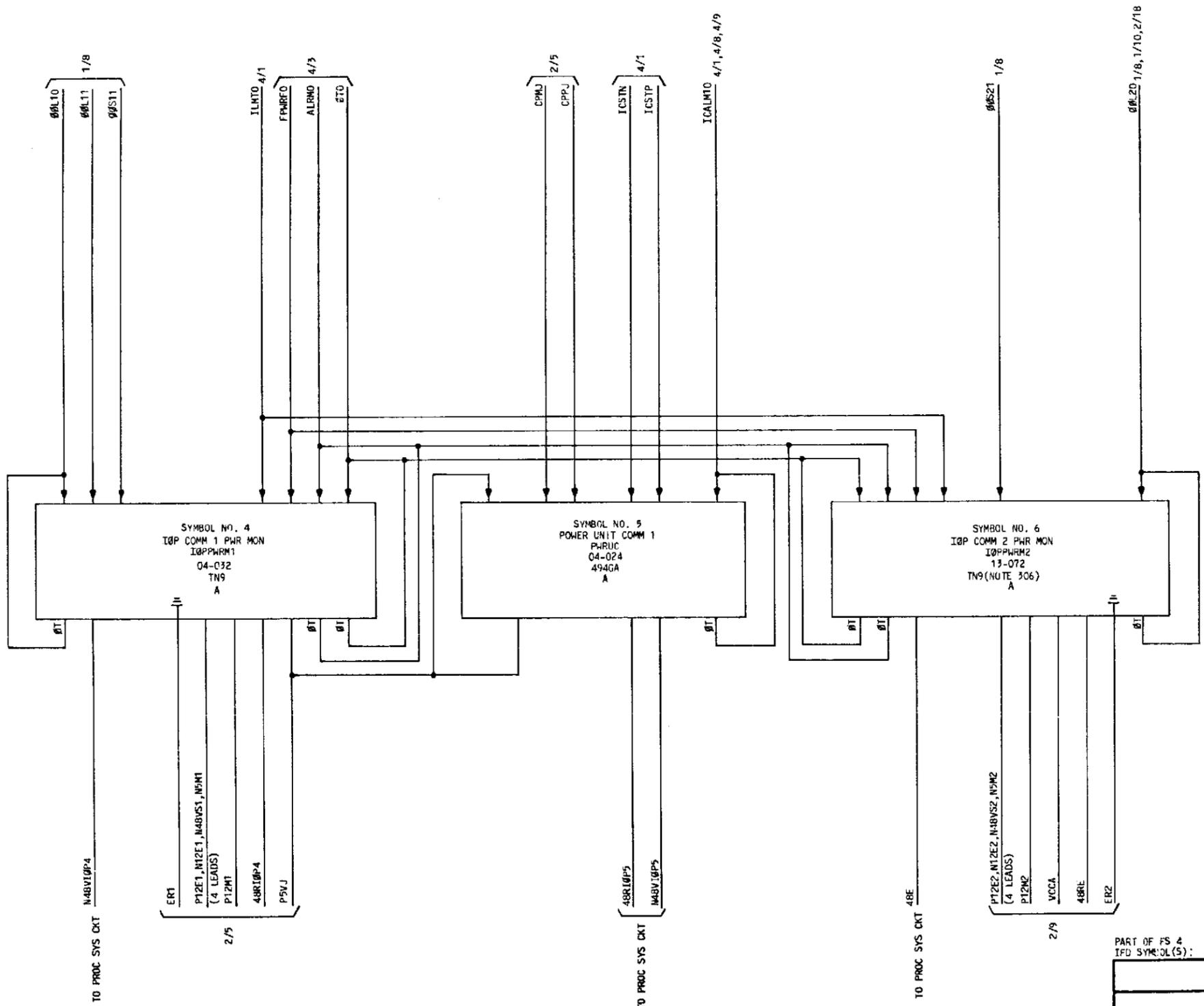
PART OF FS 3
SYMBOL(S) 8

SEE PROPRIETARY NOTICE ON COVER SHEET

IO PROCESSOR AND DFC CONTROLLER UNIT		DWG. SIZE	ISSUE
		2	3B
AT&T BELL LABORATORIES		SD-4C115-01	B#3CH

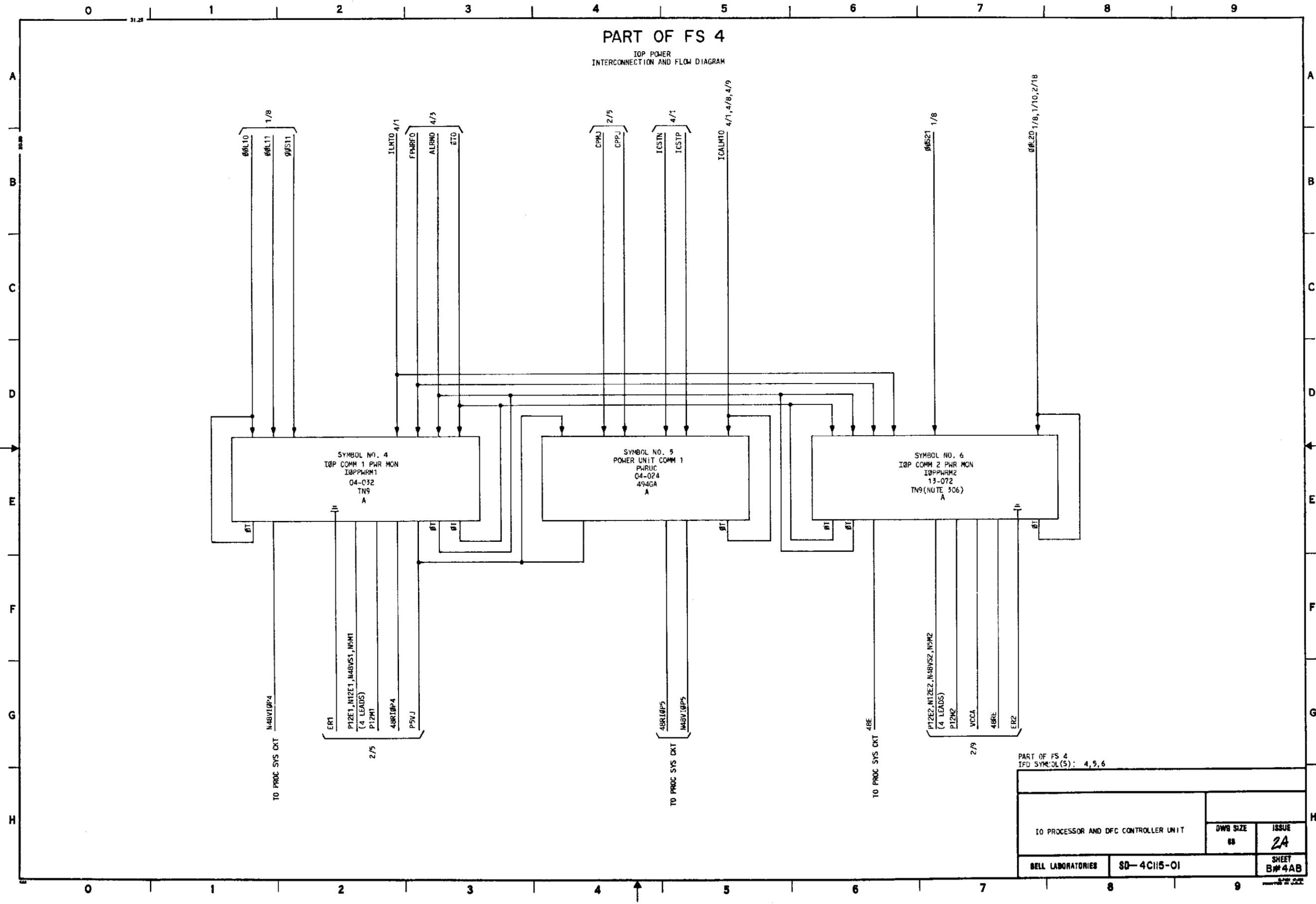
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PART OF FS 4
IOP POWER
INTERCONNECTION AND FLOW DIAGRAM

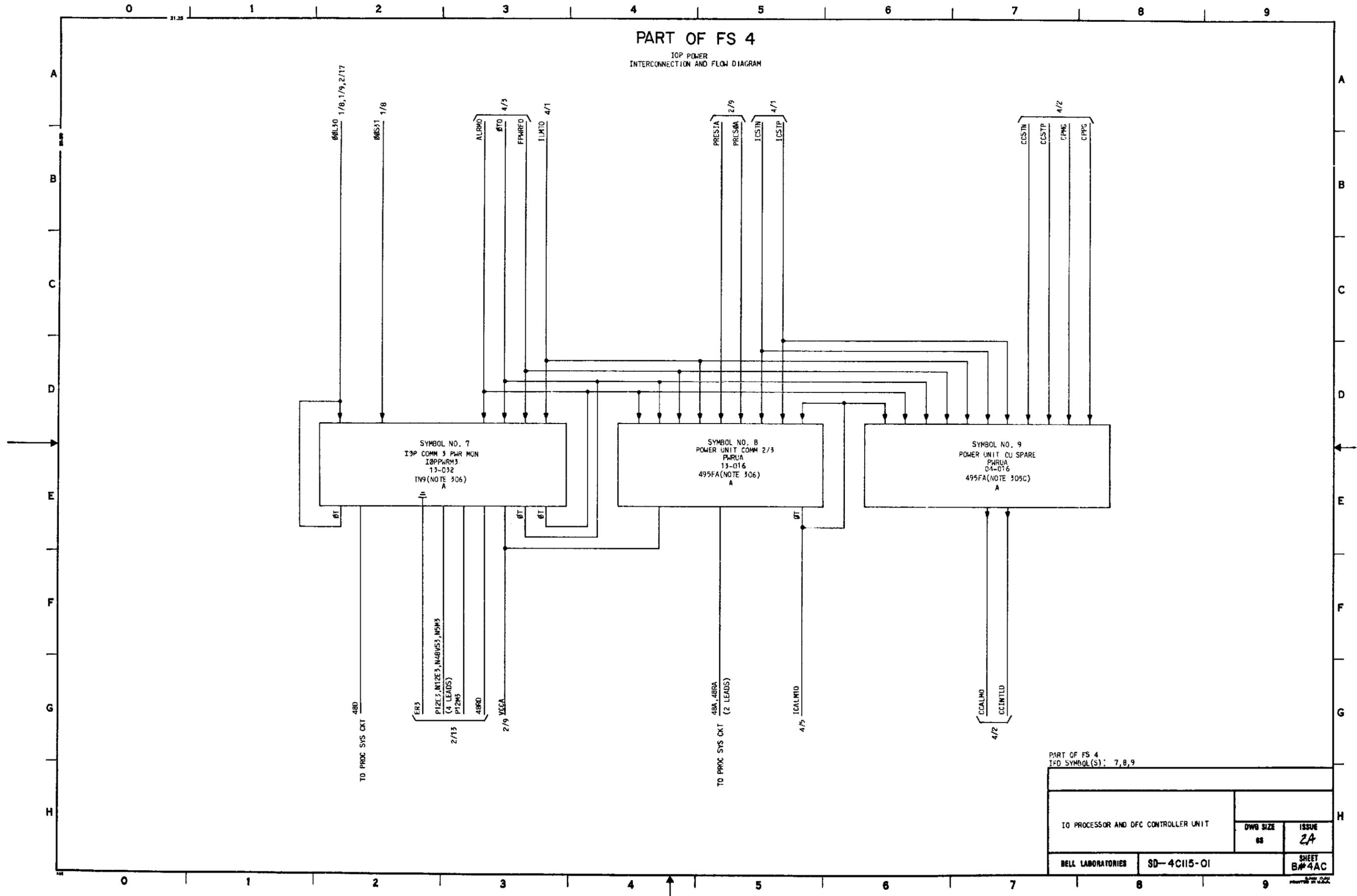


PART OF FS 4
IFD SYMBOL(S): 4, 5, 6

TO PROCESSOR AND DFC CONTROLLER UNIT	DWG SIZE	ISSUE
	18	2A
BELL LABORATORIES	SD-4C115-01	SHEET B#4AB



PART OF FS 4
IOP POWER
INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 4
I/O SYMBOL(S): 7, 8, 9

I/O PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		68	2A
BELL LABORATORIES	SD-4C115-01	SHEET B#4AC	

PART OF FS 4
LOP POWER

SYMBOL NO. 1
LOP POWER CONTROL

SYMBOL NO. 1 (CONT)
LOP POWER CONTROL

SYMBOL NO. 2 (CONT)
PWR UNIT CONT/COMM 0

SYMBOL NO. 2 (CONT)
PWR UNIT CONT/COMM 0

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
IOPPHRS	04-162	TN6	A	(W)
IOPPHRS	04-162	TN6R	A	(V)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
IOPPHRS	04-162	TN6	A	(W)
IOPPHRS	04-162	TN6R	A	(V)

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
PHRUB	04-178	495FA	A	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
PHRUB	04-178	495FA	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	PHR	PHRSHRMN	205			
	PHR	PHRSHRMN	305			
	D	STA400	007			
	O	PHR001	016			
	O	TP800	022			
	O	CPPALM00	201			
	O	TP300	223			
	O	TP400	301			
	O	ROS00	313			
	O	TP200	323			
	I	PAEFIO	009			
	I	PCPRB	018			
	I	TPA00	023			
	I	STB100	106			
	I	PCPRA	118			
	I	TP310	123			
	I	BPPN	210			
	I	INHAP010	214			
	I	INHBP10	215			
	I	BPPP	310			
	I	PAAB10	317			
	(W)	STCO0	021			
ALRMO	I	PACD10	015		4/3	
GRD04162	GRD	GRD	012			
	GRD	GRD	024			
	GRD	GRD	100			
	GRD	GRD	112			
	GRD	GRD	200			
	GRD	GRD	212			
	GRD	GRD	224			
	GRD	GRD	300			
	GRD	GRD	312			
ICALM00	GRD	GRD	314			
	I	PAAB10	110		4/2	
ICALM10	I	PACD10	115		4/5	
ICSTN	O	STADN	008		4/2, 4/5	
					4/8, 4/9	
ICSTP	O	STA10P	108		4/2, 4/5	
					4/8, 4/9	
INITLO	I	CPPI0	014		4/2	
ILNTO	O	LNT00	117		4/3, 4/4	
					4/6, 4/7	
					4/8, 4/9	
INITD00	(W)	INITD00	113	(X)	(X)4/2	
INITD004	(W)	INITD00	113	(Y)	(Y)4/1	
	I		249	(Y)	(Y)4/1	
					TO PROC SYS CKT	
100SN	I	00SN	206		TO PROC SYS CKT	
100SP	I	00SP	306		TO PROC SYS CKT	
IPWRCLRO	O	INIT00	114		1/1	
IR01PN	I	R01PN	207		TO PROC SYS CKT	
IR01PP	I	R01PP	307		TO PROC SYS CKT	
ISCXN	I	SCXN	209		TO PROC SYS CKT	
ISCP	I	SCXP	309		TO PROC SYS CKT	
ISCYN	I	SCYN	208		TO PROC SYS CKT	
ISCP	I	SCYP	308		TO PROC SYS CKT	
MJ	(W)	MJ	321	(X)	(X)4/2	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
MJR	(W)	MJR	221	(X)	(X)4/2	
N48V10P7	ID	N48VJ	003			
	ID	N48VJ	004		TO PROC SYS CKT	
OT0	I	PAEFIO	010		4/3	
PA	(W)	PA	319	(X)	(X)4/2	
PAR	(W)	PAR	219	(X)	(X)4/2	
PA104	(W)	PAR	219	(Y)	(Y)4/1	
	(W)	MJR	221	(Y)	(Y)4/1	
	I		252	(Y)	(Y)4/1	Y
	I		256	(Y)	(Y)4/1	
PA04	(W)	PA	319	(Y)	(Y)4/1	
	(W)	MJ	321	(Y)	(Y)4/1	
	I		352	(Y)	(Y)4/1	Y
	I		356	(Y)	(Y)4/1	
PROX004	O	RMTST	303		TO PROC SYS CKT	
	I		350			
	I		354			
P5VH	PHR	VCC	000		1/1	
STA20	PHR	VCC	124		1/1	
48R10P7	O	STA300	107	(X)	(X)4/2	
	I	N48R	103			
	I	N48R	104		TO PROC SYS CKT	

NOTE(S):
Y. THIS PIN IS INVOLVED IN (Y) OPTION WIRING AT SYSTEM LEVEL.

SYMBOL NO. 2
PWR UNIT CONT/COMM 0

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
PHRUB	04-178	495FA	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
CCALM0	I		214		4/9	
CCINTLO	I		213		4/9	
CCSTN	I		314		4/9	
CCSTP	I		216		4/9	
CPMG	I		221		4/9	
CPMH	I	CP-	117		1/1	
CPPG	I		220		4/9	
CPRH	I	CP-	017		1/1	
GRD04178	OT	INT	012			
	OT	ALM1	113			
	I	S-	119			
	GRD	VOUT1-	032			
	GRD	VOUT1-	033			
	GRD	VOUT1-	034			
	GRD	VOUT1-	035			
	GRD	VOUT1-	036			
	GRD	VOUT1-	037			
	GRD	VOUT1-	038			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	VOUT1-	039			
	GRD	VOUT1-	040			
	GRD	VOUT1-	041			
	GRD	VOUT1-	042			
	GRD	VOUT1-	043			
	GRD	VOUT1-	132			
	GRD	VOUT1-	133			
	GRD	VOUT1-	134			
	GRD	VOUT1-	135			
	GRD	VOUT1-	136			
	GRD	VOUT1-	137			
	GRD	VOUT1-	138			
	GRD	VOUT1-	139			
	GRD	VOUT1-	140			
	GRD	VOUT1-	141			
	GRD	VOUT1-	142			
	GRD	VOUT1-	143			
	GRD	VOUT1-	232			
	GRD	VOUT1-	233			
	GRD	VOUT1-	234			
	GRD	VOUT1-	235			
	GRD	VOUT1-	236			
	GRD	VOUT1-	237			
	GRD	VOUT1-	238			
	GRD	VOUT1-	239			
	GRD	VOUT1-	240			
	GRD	VOUT1-	241			
	GRD	VOUT1-	242			
	GRD	VOUT1-	243			
	GRD	VOUT1-	332			
	GRD	VOUT1-	333			
	GRD	VOUT1-	334			
	GRD	VOUT1-	335			
	GRD	VOUT1-	336			
	GRD	VOUT1-	337			
	GRD	VOUT1-	338			
	GRD	VOUT1-	339			
	GRD	VOUT1-	340			
	GRD	VOUT1-	341			
	GRD	VOUT1-	342			
	GRD	VOUT1-	343			
ICALM00	O	ALM2	014		4/1	
ICSTN	I	RS2	110		4/1	
ICSTP	I	RS1	011		4/1	
INTLO	O	INT	112		4/1	
INITD00	I		311	(X)	(X)4/1	
					TO PROC SYS CKT	
MJ	I		310	(X)	(X)4/1	
					TO PROC SYS CKT	
	I		318	(X)	(X)4/2	
	I		321	(X)	(X)4/2	
	I		210	(X)	(X)4/1	
	I		218	(X)	(X)4/2	
	I		221	(X)	(X)4/2	
N48V10P6	PHR	VIN-	006			
	PHR	VIN-	007			
	PHR	VIN-	008			
	PHR	VIN-	106			
	PHR	VIN-	107			

PART OF FS 4
SYMBOL(S) 1 2

TO PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		2	5B
AT&T BELL LABORATORIES		SD-4C115-01	B#4CA

PART OF FS 4
TOP POWER

SYMBOL NO. 2 (CONT)
PWR UNIT CONT/COMM 0

SYMBOL NO. 3 (CONT)
TOP COMM 0 PWR MON

SYMBOL NO. 3 (CONT)
TOP COMM 0 PWR MON

SYMBOL NO. 4 (CONT)
TOP COMM 1 PWR MON

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
PWRUB	04-178	495FA	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	PWR	VOUT1+	347		1/1	
	PWR	VOUT1+	348		1/1	
	PWR	VOUT1+	349		1/1	
	PWR	VOUT1+	350		1/1	
	PWR	VOUT1+	351		1/1	
	PWR	VOUT1+	352		1/1	
	PWR	VOUT1+	353		1/1	
	PWR	VOUT1+	354		1/1	
	PWR	VOUT1+	355		1/1	
	PWR	VOUT1+	356		1/1	
STA20	I	SA+	018		1/1	
	I		211	(X)	(X)4/1	TO PROC SYS CKT
48RIOP6	PWR	VIN+	003			
	PWR	VIN+	004			
	PWR	VIN+	005			
	PWR	VIN+	102			
	PWR	VIN+	103			
	PWR	VIN+	104			
	PWR	VIN+	203			
	PWR	VIN+	204			
	PWR	VIN+	205			
	PWR	VIN+	302			
	PWR	VIN+	303			
	PWR	VIN+	304			

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TOPPWRM0	04-072	TN9	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	PWR	P5V	216			
	PWR	P5V	217			
	PWR	P5V	218			
	PWR	P5V	219			
	PWR	P5V	220			
	PWR	P5V	221			
	PWR	P5V	222			
	PWR	P5V	223			
	PWR	P5V	224			
	PWR	P51	250			
	PWR	PSVREF	253			
	PWR	N5M	307			
	PWR	P5V	315			
	PWR	P5V	316			
	PWR	P5V	317			
	PWR	P5V	318			
	PWR	P5V	319			
	PWR	P5V	320			
	PWR	P5V	321			
	PWR	P5V	322			
	PWR	P5V	323			
	PWR	P5V	324			
	I	N48FA	049			
	I	P3FA	050			
ALRM0	I	RETALM0	249			
	I		035		4/3	
	I		041		4/3	
	OT	ALHR0	046		4/4,4/6	
					4/7	
					4/1,4/4	
					4/6,4/7	
					4/8,4/9	
ERO	GRD	ER	004		2/1	
	GRD	ER	005		2/1	
	GRD	ER	104		2/1	
	GRD	ER	105		2/1	
FPWRFO	I	FPWRFO	034		(X)1/8	
					4/4,4/6	
					4/7,4/8	
					4/9	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TOPPWRM0	04-072	TN9	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	PWR	N5MM	304		2/1	
	PWR	N5M	305		2/1	
	PWR	N5M	306		2/1	
00L00	OT	P50T0	235		4/3	
	OT	EIACT0	242		4/3	
	OT	PULLUP	341		1/8	
	I					
00S01	OT	MEHOT0	342		4/3	
	I	00S1	237		1/8	
0T0	I		042		4/3	
	OT	0T0	036		4/4,4/6	
					4/7	
					4/1,4/4	
					4/6,4/7	
					4/8,4/9	
P12E0	PWR	P12E	007		2/1	
	PWR	P12E	008		2/1	
	PWR	P12EM	106		2/1	
	PWR	P12E	107		2/1	
	PWR	P12E	108		2/1	
P12M0	PWR	P12M	201		2/1	
	PWR	P12M	202		2/1	
	PWR	P12M	203		2/1	
	PWR	P12MM	204		2/1	
	PWR	P12M	301		2/1	
	PWR	P12M	302		2/1	
	PWR	P12M	303		2/1	
	PWR	P5VM	338		1/1	
PSVH	OT	RCON1R	243			
RCON10	OT	RCON1R	254		TO PROC SYS CKT	Y
	OT	RCON1	343			
	OT	RCON1	354		TO PROC SYS CKT	Y
48RIOP8	PWR	N48R	210		2/1	
	PWR	N48R	310		2/1	

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TOPPWRM1	04-032	TN9	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	PWR	15V	024			
	PWR	15V	115			
	PWR	15V	116			
	PWR	15V	117			
	PWR	15V	118			
	PWR	15V	119			
	PWR	15V	120			
	PWR	15V	121			
	PWR	15V	122			
	PWR	15V	123			
	PWR	15V	124			
	PWR	PSV	215			
	PWR	PSV	216			
	PWR	PSV	217			
	PWR	PSV	218			
	PWR	PSV	219			
	PWR	PSV	220			
	PWR	PSV	221			
	PWR	PSV	222			
	PWR	PSV	223			
	PWR	PSV	224			
	PWR	PS1	250			
	PWR	PSVREF	253			
	PWR	PSV	315			
	PWR	PSV	316			
	PWR	PSV	317			
	PWR	PSV	318			
	PWR	PSV	319			
	PWR	PSV	320			
	PWR	PSV	321			
	PWR	PSV	322			
	PWR	PSV	323			
	PWR	PSV	324			
	I	N48FA	049			
	I	P3FA	050			
	I	RETALM0	249			
ALRM0	OT	DISEIA1	255			
	OT	ALHR0	046		4/3	
	I		035		4/3	
	I		041		4/3	
ER1	I	GRD	ER	041		
	GRD	ER	004		2/5	
	GRD	ER	005		2/5	
	GRD	ER	104		2/5	
	GRD	ER	105		2/5	
FPWRFO	I	FPWRFO	034		4/3	
	I		040			
GRD04032	GRD	GRD	012			
	GRD	GRD	013			
	GRD	GRD	112			
	GRD	GRD	113			
	GRD	GRD	112			
	GRD	GRD	113			

SYMBOL NO. 3 (CONT)
TOP COMM 0 PWR MON

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TOPPWRM0	04-072	TN9	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	PWR	15V	015			
	PWR	15V	016			
	PWR	15V	017			
	PWR	15V	018			
	PWR	15V	019			
	PWR	15V	020			
	PWR	15V	021			
	PWR	15V	022			
	PWR	15V	023			
	PWR	15V	024			
	PWR	15V	115			
	PWR	15V	116			
	PWR	15V	117			
	PWR	15V	118			
	PWR	15V	119			
	PWR	15V	120			
	PWR	15V	121			
	PWR	15V	122			
	PWR	15V	123			
	PWR	15V	124			
	PWR	PSV	215			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
GRD04072	GRD	GRD	012			
	GRD	GRD	013			
	GRD	GRD	112			
	GRD	GRD	113			
	GRD	GRD	212			
	GRD	GRD	213			
	GRD	GRD	312			
	GRD	GRD	313			
ILMTO	I	LMT0	037		4/1	
	I		043		4/1	
N12E0	PWR	N12E	001		2/1	
	PWR	N12E	002		2/1	
	PWR	N12EM	003		2/1	
	PWR	N12E	101		2/1	
	PWR	N12E	102		2/1	
N48V1OP8	PWR	N48V	010		TO PROC SYS CKT	
	PWR	N48V	110			
N48V50	PWR	N48VS1	244		2/1	
	PWR	N48VS1	344		2/1	
NSM0	PWR	NSM	206		2/1	
	PWR	NSM	207		2/1	

SYMBOL NO. 4 (CONT)
TOP COMM 1 PWR MON

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
TOPPWRM1	04-032	TN9	A	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	PWR	15V	015			
	PWR	15V	016			
	PWR	15V	017			
	PWR	15V	018			
	PWR	15V	019			
	PWR	15V	020			
	PWR	15V	021			
	PWR	15V	022			
	PWR	15V	023			

PART OF FS 4
SYMBOL(S) 2 3 4

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10 PROCESSOR AND DFC CONTROLLER UNIT		ISSUE 7AC
DWG SIZE C2		
AT&T INFORMATION SYSTEMS	SD-4C115-01	B#4CB

PART OF FS 4
TOP POWER

SYMBOL NO. 5 POWER UNIT COMM 1							SYMBOL NO. 5 (CONT) POWER UNIT COMM 1							SYMBOL NO. 6 (CONT) TOP COMM 2 PWR MON							SYMBOL NO. 6 (CONT) TOP COMM 2 PWR MON						
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		
PHRUC	04-024	494GA	A				PHRUC	04-024	494GA	A				IOPPHRM2	13-072	TN9(NOTE 306)	A				IOPPHRM2	13-072	TN9(NOTE 306)	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	
CPMJ	I	CP-	117	2/5				PHR	VOUT1+	146	2/5				PHR	PSV	222				P12E2	PHR	P12E	007	2/9		
CPPJ	I	CP+	017	2/5				PHR	VOUT1+	147	2/5				PHR	PSV	223					PHR	P12E	008	2/9		
E02N	I		022					PHR	VOUT1+	148	2/5				PHR	PSV	224					PHR	P12EM	106	2/9		
								PHR	VOUT1+	149	2/5				PHR	PSV	230					PHR	P12E	107	2/9		
								PHR	VOUT1+	150	2/5				PHR	PSVREF	253					PHR	P12E	108	2/9		
E02P								PHR	VOUT1+	151	2/5				PHR	PSV	315					PHR	P12M	201	2/9		
								PHR	VOUT1+	152	2/5				PHR	PSV	316					PHR	P12M	202	2/9		
								PHR	VOUT1+	153	2/5				PHR	PSV	317					PHR	P12M	203	2/9		
GR004-024								PHR	VOUT1+	154	2/5				PHR	PSV	318					PHR	P12MM	204	2/9		
								PHR	VOUT1+	155	2/5				PHR	PSV	319					PHR	P12M	301	2/9		
								PHR	VOUT1+	156	2/5				PHR	PSV	320					PHR	P12M	302	2/9		
								I	SA+	018	2/5				PHR	PSV	321					PHR	P12M	303	2/9		
							48R10P5	PHR	VIN+	003					PHR	PSV	322				RCON1R2	OT	RCON1R	243			
								PHR	VIN+	004					PHR	PSV	323				RCON12	OT	RCON1	343			
								PHR	VIN+	005					PHR	PSV	324				VCCA	OT	RCON1	354			
								PHR	VIN+	102	TO PROC SYS CKT				I	N48FA	049				48E	PHR	PSVH	338	2/9	TO PROC SYS CKT	
								PHR	VIN+	103					I	P5FA	050					PHR	N48V	010			
								PHR	VIN+	104					I	RETALM0	249				48RE	PHR	N48V	110	2/9		
															I	DISEIA1	255					PHR	N48R	210	2/9		
														ALRM0	OT	ALMR0	046	4/3				PHR	N48R	310	2/9		
															I		035	4/3									
														ER2	I		041	4/3									
															GRD	ER	004	2/9									
															GRD	ER	005	2/9									
															I		041	2/9									
															GRD	ER	104	2/9									
															GRD	ER	105	2/9									
															I	FPWRFO	034	4/3									
															I		040	4/3									
															GRD	GRD	012										
															GRD	GRD	013										
															GRD	GRD	112										
															GRD	GRD	113										
															GRD	GRD	212										
															GRD	GRD	213										
															GRD	GRD	312										
															GRD	GRD	313										
															I	LMT0	037	4/1									
															I		043	4/1									
														N12E2	PHR	N12E	001	2/9									
															PHR	N12E	002	2/9									
															PHR	N12EM	003	2/9									
															PHR	N12E	101	2/9									
															PHR	N12E	102	2/9									
															PHR	N48VS1	244	2/9									
															PHR	N48VS1	344	2/9									
															PHR	NSM	206	2/9									
															PHR	NSM	207	2/9									
															PHR	NSMM	305	2/9									
															PHR	NSM	306	2/9									
															PHR	NSM	307	2/9									
															OT	PSOTO	235	4/6									
															OT	EIACT0	242	4/6									
															OT	PULLUP	341	4/6									
															OT	MEMOTO	342	4/6									
															I			1/8, 1/10									
																		2/18									

PART OF FS 4

IOP POWER

SYMBOL NO. 7

IOP COMM 3 PWR MON

SYMBOL NO. 7 (CONT)

IOP COMM 3 PWR MON

SYMBOL NO. 8

POWER UNIT COMM 2/3

SYMBOL NO. 8 (CONT)

POWER UNIT COMM 2/3

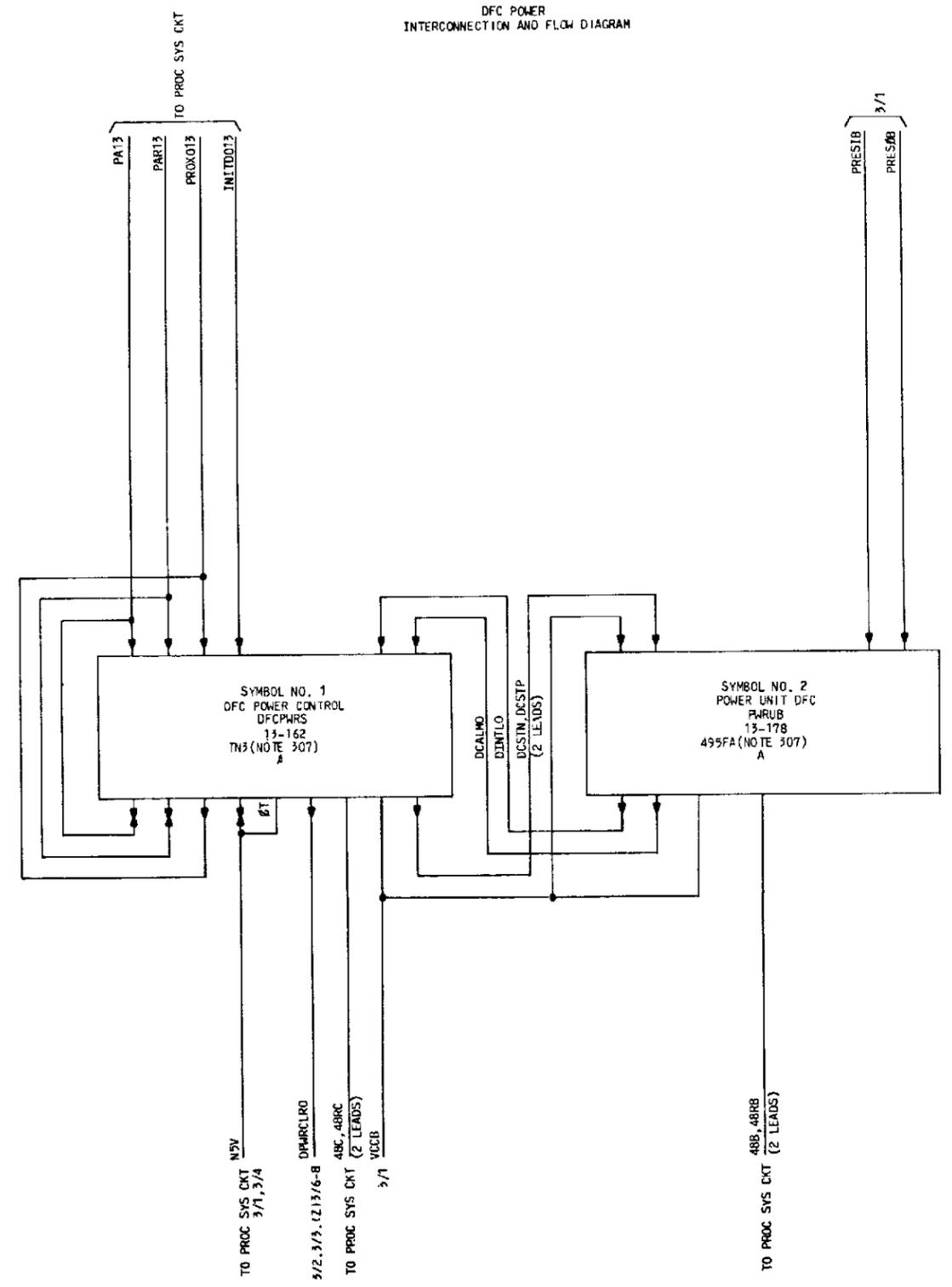
SYMBOL NO. 7							SYMBOL NO. 7 (CONT)							SYMBOL NO. 8							SYMBOL NO. 8 (CONT)						
DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT			DESIG	EOPT	CODE	ELEM	OPT		
IOPPHRM3	13-032	TN9(NOTE 306)	A				IOPPHRM3	13-032	TN9(NOTE 306)	A				PWRUA	13-016	495FA(NOTE 306)	A				PWRUA	13-016	495FA(NOTE 306)	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	PWR	15V	015					GRD	GRD	213				NC	I	RS4	010					GRD	VOUT1-	337			
	PWR	15V	016					GRD	GRD	312					I	SC+	019					GRD	VOUT1-	338			
	PWR	15V	017					GRD	GRD	313					I	RS3	109					GRD	VOUT1-	339			
	PWR	15V	018				ILMTO	I	LMT0	037		4/1			I	SB+	118					GRD	VOUT1-	340			
	PWR	15V	019					I		043		4/1			I	SYNC+	120					GRD	VOUT1-	341			
	PWR	15V	020				N12E3	PWR	N12E	001		2/13			I	SYNC-	121					GRD	VOUT1-	342			
	PWR	15V	021					PWR	N12E	002		2/13		ALRNO	I		315			4/3		ICALN10	GRD	VOUT1-	343		
	PWR	15V	022					PWR	N12EM	003		2/13			I		314			4/3		I	DT	ALM2	014		4/5
	PWR	15V	023					PWR	N12E	101		2/13		FPWRFO	OT	INT	012						I		218		4/5
	PWR	15V	024				N48VS3	PWR	N12E	102		2/13			OT	ALM1	113					ICSTN	I	RS2	110		4/1
	PWR	15V	115					PWR	N48VS1	244		2/13			I	S-	119					ICSTP	I	RS1	011		4/1
	PWR	15V	116					PWR	N48VS1	344		2/13			GRD	FRGRD	000						I			216	4/1
	PWR	15V	117				N5M3	PWR	N5M	206		2/13			GRD	FRGRD	001					ILMTO	I			317	4/1
	PWR	15V	118					PWR	N5M	207		2/13			GRD	VOUT1-	032					OTO	I			316	4/3
	PWR	15V	119					PWR	N5MM	305		2/13			GRD	VOUT1-	033					PRESIA	I	CP+	017		2/9
	PWR	15V	120					PWR	N5M	306		2/13			GRD	VOUT1-	034						I	CP-	117		2/9
	PWR	15V	121					PWR	N5M	307		2/13			GRD	VOUT1-	035					VCCA	PWR	VOUT1+	045		2/9
	PWR	15V	122				DOL30	OT	P50T0	235		4/7			GRD	VOUT1-	036						PWR	VOUT1+	046		2/9
	PWR	15V	123					OT	PULLUP	341		4/7			GRD	VOUT1-	037						PWR	VOUT1+	047		2/9
	PWR	15V	124					OT	MEMOT0	342		4/7			GRD	VOUT1-	038						PWR	VOUT1+	048		2/9
	PWR	15V	215					OT	EIAOT0	242		1/8, 1/9	2/17		GRD	VOUT1-	039						PWR	VOUT1+	049		2/9
	PWR	15V	216					I						GRD	VOUT1-	040						PWR	VOUT1+	050		2/9	
	PWR	15V	217											GRD	VOUT1-	041						PWR	VOUT1+	051		2/9	
	PWR	15V	218											GRD	VOUT1-	042						PWR	VOUT1+	052		2/9	
	PWR	15V	219											GRD	VOUT1-	043						PWR	VOUT1+	053		2/9	
	PWR	15V	220											GRD	FRGRD	100						PWR	VOUT1+	054		2/9	
	PWR	15V	221											GRD	FRGRD	101						PWR	VOUT1+	055		2/9	
	PWR	15V	222											GRD	VOUT1-	132						PWR	VOUT1+	056		2/9	
	PWR	15V	223											GRD	VOUT1-	133						PWR	VOUT1+	145		2/9	
	PWR	15V	224											GRD	VOUT1-	134						PWR	VOUT1+	146		2/9	
	PWR	15V	250											GRD	VOUT1-	135						PWR	VOUT1+	147		2/9	
	PWR	15V	253											GRD	VOUT1-	136						PWR	VOUT1+	148		2/9	
	PWR	15V	315											GRD	VOUT1-	137						PWR	VOUT1+	149		2/9	
	PWR	15V	316											GRD	VOUT1-	138						PWR	VOUT1+	150		2/9	
	PWR	15V	317											GRD	VOUT1-	139						PWR	VOUT1+	151		2/9	
	PWR	15V	318											GRD	VOUT1-	140						PWR	VOUT1+	152		2/9	
	PWR	15V	319											GRD	VOUT1-	141						PWR	VOUT1+	153		2/9	
	PWR	15V	320											GRD	VOUT1-	142						PWR	VOUT1+	154		2/9	
	PWR	15V	321											GRD	VOUT1-	143						PWR	VOUT1+	155		2/9	
	PWR	15V	322											GRD	FRGRD	200						PWR	VOUT1+	156		2/9	
	PWR	15V	323											GRD	FRGRD	201						PWR	VOUT1+	157		2/9	
	PWR	15V	324											GRD	VOUT1-	232						PWR	VOUT1+	245		2/9	
	I	N48FA	049											GRD	VOUT1-	233						PWR	VOUT1+	246		2/9	
	I	P5FA	050											GRD	VOUT1-	234						PWR	VOUT1+	247		2/9	
	I	RETALMD	249											GRD	VOUT1-	235						PWR	VOUT1+	248		2/9	
ALRNO	I	D1Se IA1	255		4/3									GRD	VOUT1-	236						PWR	VOUT1+	249		2/9	
	OT	ALRNO	046		4/3									GRD	VOUT1-	237						PWR	VOUT1+	250		2/9	
	I		035											GRD	VOUT1-	238						PWR	VOUT1+	251		2/9	
ER3	I	GRD	ER	041	2/13									GRD	VOUT1-	239						PWR	VOUT1+	252		2/9	
	GRD	ER	004		2/13									GRD	VOUT1-	240						PWR	VOUT1+	253		2/9	
	GRD	ER	005											GRD	VOUT1-	241											
FPWRFO	GRD	ER	104		2/13									GRD	VOUT1-	242											
	GRD	ER	105		2/13									GRD	VOUT1-	243											
	I	FPWRFO	034		4/3									GRD	FRGRD	300											
GRD13032	I	GRD	GRD	040	4/3									GRD	FRGRD	301											
	GRD	GRD	012											GRD	VOUT1-	332											
	GRD	GRD	013											GRD	VOUT1-	333											
	GRD	GRD	112											GRD	VOUT1-	334											
	GRD	GRD	113											GRD	VOUT1-	335											
	GRD	GRD	212											GRD	VOUT1-	336											

PART OF FS 4
SYMBOL(S) 7 8

10 PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		C2	2A
BELL LABORATORIES	SD-4C115-01	B#4CD	

PRINTED IN U. S. A. 06/29/83

PART OF FS 5
 DFC POWER
 INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 5
 IFD SYMBOL(S): 1,2 SEE PROPRIETARY NOTICE ON COVER SHEET

IO PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		88	38
AT&T BELL LABORATORIES	SD-4C115-01	SHEET B # 5AA	

PART OF FS 5
DFC POWER

SYMBOL NO. 1
DFC POWER CONTROL

SYMBOL NO. 1 (CONT)
DFC POWER CONTROL

SYMBOL NO. 2 (CONT)
POWER UNIT DFC

SYMBOL NO. 2 (CONT)
POWER UNIT DFC

DESIG EOPT CODE ELEM OPT
DFCPMS 13-162 TNS(NOTE 307) A

DESIG EOPT CODE ELEM OPT
DFCPMS 13-162 TNS(NOTE 307) A

DESIG EOPT CODE ELEM OPT
PMRUB 13-178 495FA(NOTE 307) A

DESIG EOPT CODE ELEM OPT
PMRUB 13-178 495FA(NOTE 307) A

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	PMR	PMRSHRMM	205			
	PMR	PMRSHRMM	305			
	0	STAS00	006			
	0	STA400	007			
	0	PMR001	016			
	0	STC00	021			
	0	TP800	022			
	0	STA300	107			
	0	LHT00	117			
	0	CPPALM00	201			
	0	TP300	223			
	0	TP400	301			
	0	ROS00	313			
	0	TP200	323			
	I	PAEF10	009			
	I	PAEF10	010			
	I	PACD10	015			
	I	PCPR8	018			
	I	TPA00	023			
	I	STB100	106			
	I	PACD10	115			
	I	PCPRA	118			
	I	TP310	123			
	I	BPPN	210			
	I	INMAP10	214			
	I	INHEP10	215			
	I	BPPP	310			
	I	SYAALM1	314			
	I	PAAB10	317			
	I	PAAB10	110		5/2	
DCALM0						
DCSTN	0	STA10M	008		5/2	
DCSTP	0	STA10P	108		5/2	
DINTL0	I	CPPI0	014		5/2	
DPMRCLR0	0	INIT00	114		3/3, 3/2 (2)3/6, (2)3/7 (2)3/8	
DSCYN	IO	SCYM	208			
	IO	SCYP	308			
GRD13162	GRD	GRD	012			
	GRD	GRD	024			
	GRD	GRD	100			
	GRD	GRD	112			
	GRD	GRD	200			
	GRD	GRD	212			
	GRD	GRD	224			
	GRD	GRD	300			
	GRD	GRD	312			
INITD013	GRD	GRD	324			
	I	INITD00	113			
	I		249		TO PROC SYS CKT	
N5V	OT	N5VA	222		5/1	
					TO PROC SYS CKT	
	IO	N5VAM	109		5/1	
	OT	N5VA	322		3/1, 3/4	
PAR13	IO	PAR	219		TO PROC SYS CKT	
	IO	HJR	221			
	I		252			
PA13	I	PA	256		TO PROC SYS CKT	
	IO	HJ	319			
	IO		321			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	I		352			
	I		356			
PROX013	0	RMTST	303		TO PROC SYS CKT	
	I		350			
	I		354			
VCCB	PMR	VCC	000		3/1	
48C	PMR	VCC	124		3/1	
	IO	N48VJ	003			
	IO	N48VJ	004		TO PROC SYS CKT	
48RC	I	N48R	103		TO PROC SYS CKT	
	I	N48R	104			

SYMBOL NO. 2
POWER UNIT DFC

DESIG EOPT CODE ELEM OPT
PMRUB 13-178 495FA(NOTE 307) A

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
NC	I	RS4	010			
	I	SC+	019			
	I	RS3	109			
	I	SB+	118			
	I	SYNC+	120			
	I	SYNC-	121			
DCALM0	0	ALM2	014		5/1	
DCSTN	I	RS2	110		5/1	
DCSTP	I	RS1	011		5/1	
DINTL0	0	INT	112		5/1	
GRD13178	OT	INT	012			
	OT	ALM1	113			
	I	S-	119			
	GRD	FRGRD	000			
	GRD	FRGRD	001			
	GRD	VOUT1-	032			
	GRD	VOUT1-	033			
	GRD	VOUT1-	034			
	GRD	VOUT1-	035			
	GRD	VOUT1-	036			
	GRD	VOUT1-	037			
	GRD	VOUT1-	038			
	GRD	VOUT1-	039			
	GRD	VOUT1-	040			
	GRD	VOUT1-	041			
	GRD	VOUT1-	042			
	GRD	FRGRD	100			
	GRD	FRGRD	101			
	GRD	VOUT1-	132			
	GRD	VOUT1-	133			
	GRD	VOUT1-	134			
	GRD	VOUT1-	135			
	GRD	VOUT1-	136			
	GRD	VOUT1-	137			
	GRD	VOUT1-	138			
	GRD	VOUT1-	139			

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	GRD	VOUT1-	140			
	GRD	VOUT1-	141			
	GRD	VOUT1-	142			
	GRD	FRGRD	200			
	GRD	FRGRD	201			
	GRD	VOUT1-	232			
	GRD	VOUT1-	233			
	GRD	VOUT1-	234			
	GRD	VOUT1-	235			
	GRD	VOUT1-	236			
	GRD	VOUT1-	237			
	GRD	VOUT1-	238			
	GRD	VOUT1-	239			
	GRD	VOUT1-	240			
	GRD	VOUT1-	241			
	GRD	VOUT1-	242			
	GRD	FRGRD	300			
	GRD	FRGRD	301			
	GRD	VOUT1-	332			
	GRD	VOUT1-	333			
	GRD	VOUT1-	334			
	GRD	VOUT1-	335			
	GRD	VOUT1-	336			
	GRD	VOUT1-	337			
	GRD	VOUT1-	338			
	GRD	VOUT1-	339			
	GRD	VOUT1-	340			
	GRD	VOUT1-	341			
	GRD	VOUT1-	342			
	I	CP+	017		3/1	
PRESIB						
PRESOB	I	CP-	117		3/1	
VCCB	PMR	VOUT1+	045		3/1	
	PMR	VOUT1+	046		3/1	
	PMR	VOUT1+	047		3/1	
	PMR	VOUT1+	048		3/1	
	PMR	VOUT1+	049		3/1	
	PMR	VOUT1+	050		3/1	
	PMR	VOUT1+	051		3/1	
	PMR	VOUT1+	052		3/1	
	PMR	VOUT1+	053		3/1	
	PMR	VOUT1+	054		3/1	
	PMR	VOUT1+	055		3/1	
	PMR	VOUT1+	056		3/1	
	PMR	VOUT1+	145		3/1	
	PMR	VOUT1+	146		3/1	
	PMR	VOUT1-	147		3/1	
	PMR	VOUT1+	148		3/1	
	PMR	VOUT1+	149		3/1	
	PMR	VOUT1+	150		3/1	
	PMR	VOUT1+	151		3/1	
	PMR	VOUT1+	152		3/1	
	PMR	VOUT1+	153		3/1	
	PMR	VOUT1+	154		3/1	
	PMR	VOUT1+	155		3/1	
	PMR	VOUT1+	156		3/1	
	PMR	VOUT1+	245		3/1	
	PMR	VOUT1+	246		3/1	
	PMR	VOUT1+	247		3/1	
	PMR	VOUT1+	248		3/1	
	PMR	VOUT1+	249		3/1	

LEAD DESIG	FUNC	TERM. MOD	TERM.	TERM. OPT	DESTINATION	NOTE
	PMR	VOUT1+	250		3/1	
	PMR	VOUT1+	251		3/1	
	PMR	VOUT1+	252		3/1	
	PMR	VOUT1+	253		3/1	
	PMR	VOUT1+	254		3/1	
	PMR	VOUT1+	255		3/1	
	PMR	VOUT1+	256		3/1	
	PMR	VOUT1+	345		3/1	
	PMR	VOUT1+	346		3/1	
	PMR	VOUT1+	347		3/1	
	PMR	VOUT1+	348		3/1	
	PMR	VOUT1+	349		3/1	
	PMR	VOUT1+	350		3/1	
	PMR	VOUT1+	351		3/1	
	PMR	VOUT1+	352		3/1	
	PMR	VOUT1+	353		3/1	
	PMR	VOUT1+	354		3/1	
	PMR	VOUT1+	355		3/1	
	PMR	VOUT1+	356		3/1	
	I	SA+	018		3/1	
	PMR	VIN-	006		3/1	
	PMR	VIN-	007			
	PMR	VIN-	008			
	PMR	VIN-	106			
	PMR	VIN-	107			
	PMR	VIN-	108			
	PMR	VIN-	206			
	PMR	VIN-	207		TO PROC SYS CKT	
	PMR	VIN-	208			
	PMR	VIN-	306			
	PMR	VIN-	307			
	PMR	VIN-	308			
	PMR	VIN+	003			
	PMR	VIN+	004		TO PROC SYS CKT	
	PMR	VIN+	005			
	PMR	VIN+	102			
	PMR	VIN+	103			
	PMR	VIN+	104			
	PMR	VIN+	203			
	PMR	VIN+	204			

APP FIG. 3

CIRCUIT PACK

EDPT LOC	13-110	13-116	13-122	13-128	13-132	13-140	13-146	13-152	13-162	EOPT LOC										
DESIG	MCSG	MCSA	MCSR	TCUB	DFEI	BIC	DDSBS	PDJ	DFCPWRS	DESIG										
CODE	(NOTE 307A)	(NOTE 307A)	(NOTE 307A)	TN60(NOTE 307)	(NOTE 307A)	TN70B(NOTE 307)	TN69B(NOTE 307)	UN64(NOTE 307)	TN3(NOTE 307)	CODE										
OPTION										OPTION										
ELEM IDENT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	CKT	ELEM IDENT										
CKT	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	CKT									
A		3/6		3/7		3/6		3/5		3/4		3/3		3/2		3/1		5/1		A

PWR CONV

OPTION	DESIG	FS/SYM	CODE
	PWRUB	5/2	495FA(NOTE 307)

APP FIG. 4

PWR CONV

OPTION	DESIG	FS/SYM	CODE
	PWRUA	4/9	495FA(NOTE 305C)

SEE PROPRIETARY NOTICE ON COVER SHEET

		ISSUE 3B
IO PROCESSOR AND DFC CONTROLLER UNIT		SD-4C115-01-C#2
AT&T BELL LABORATORIES	DWG SIZE C2	

0 1 2 3 4 5 6 7 8 9

A
B
C
D
E
F
G
H

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>	

SEE PROPRIETARY NOTICE ON COVER SHEET

IO PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		08	3B
AT&T BELL LABORATORIES	SD-4C115-01	SHEET D1	

0 1 2 3 4 5 6 7 8 9

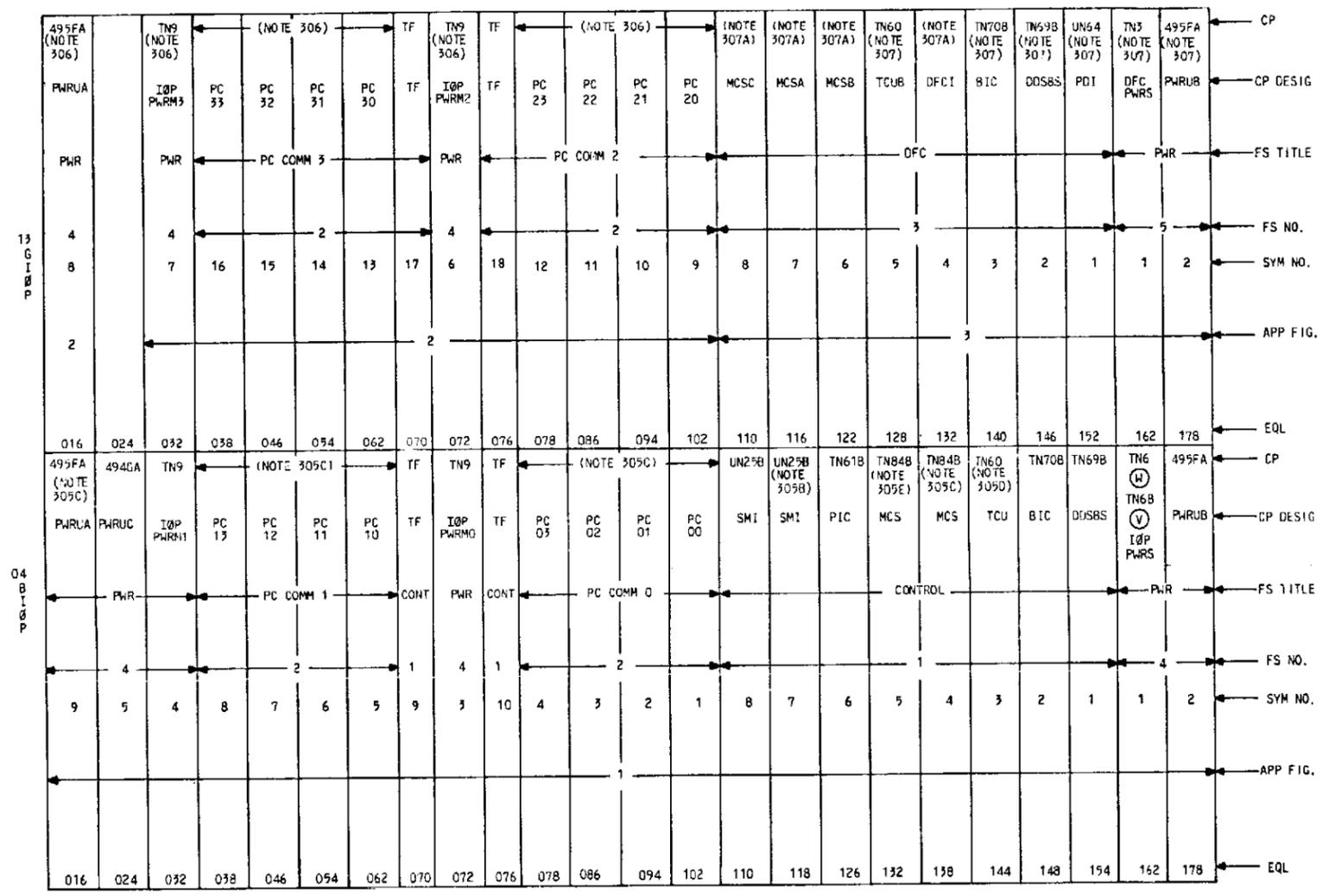
INFORMATION NOTES:

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

FEATURE OR OPTION	PROVIDES		QUANTITY
	APP FIG	APP OR WRG	
BASIC IOP (BIOP) ARRANGED FOR PERIPHERAL CONTROL COMMUNITIES 0 & 1 WITH CAPACITY FOR FOUR PERIPHERAL CONTROL CIRCUIT PACKS IN EACH COMMUNITY.	1		SEE NOTE 305
GROWTH INPUT/OUTPUT (GIOP) ARRANGED FOR PERIPHERAL COMMUNITIES 2 & 3 WITH CAPACITY FOR FOUR PERIPHERAL CONTROL CIRCUIT PACKS IN EACH COMMUNITY.	2		SEE NOTE 306
DISK FILE CONTROLLER (DFC) ARRANGED TO DRIVE A MAXIMUM OF 8 DISK FILES.	3	Z	SEE NOTE 307
PROVIDE BACKPLANE WIRING FOR ALARMS FOR 3B200.	(1)	Y OMIT X	SEE NOTE 309
PROVIDE BACKPLANE WIRING FOR ALARMS, SCAN/SD AND COOLING UNIT START FOR 3B200.	(1)	X OMIT Y	SEE NOTE 309
IMPROVED POWER CONTROL CIRCUIT PROVIDES TN6B CIRCUIT PACK.	1	V	1 PER CKT
PROVIDE NEW BIOP BACKPLANE ED-4C497-30	1	T	

303. RECORD OF FIGURES, WIRING AND APPARATUS CHANGES						
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT		
				STD	A&M	MD.
5B	V OR W	W		V		W
6B	S OR T	S		T		

304. BASIC AND GROWTH IOP EQUIPMENT ARRANGEMENTS.



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I/O PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		18	6B
AT&T INFORMATION SYSTEMS INC.	SD-4C115-01	SHEET D-1	

A
B
C
D
E
F
G
H

305. ALL WIRING FOR APP FIG. 1 IS FURNISHED BY THE BACKPLANE FOR BASIC IOP, J1C161BB-, AND THE CIRCUIT PACKS ARE EQUIPPED AS FOLLOWS:

305A. CIRCUIT PACKS ALWAYS REQUIRED.

CP CODE	EQL	DESIG	FS NO.	SEE NOTE
UN25B	04-118	SMI	1	305B
TN61B	04-126	PIC	1	
TN84B	04-132	MCS	1	305E
TN84B	04-138	MCS	1	305C
TN70B	04-148	BIC	1	
TN69B	04-154	DDSSS	1	
W TN6	04-162	IOP PWRC	4	303
V TN6B				
495A	04-178	PWR CONV	4	
TN9	04-032	IOP PWRC	4	
TN9	04-072	IOP PWRC	4	
UN25B	04-110	SMI	4	
494GA	04-024	PWR CONV	4	

305B. EQL 04-118 IS WIRED FOR UN25B (SELECTABLE MICROPROCESSOR INTERFACE) TO SUPPORT ADDITIONAL PC COMMUNITIES. THIS FEATURE IS NOT USED IN 3B20S.

305C. THESE CIRCUIT PACKS ARE OPTIONAL AND ARE EQUIPPED AS SPECIFIED BY SYSTEM DRAWING J1C165B-. EQL 04-138 IS WIRED FOR TN84(MCS) AND IS EQUIPPED WHEN UN25B,04-118 IS EQUIPPED. THIS FEATURE IS NOT USED IN 3B20S.

305D. TN60(TOU TST)IN EQL 04-144 IS USED IN BTL LAB APPLICATIONS ONLY.

305E. THE MCS CIRCUIT PACK FOR EQL 04-132 IS OPTIONAL AT THE SYSTEM LEVEL J1C165B-1. WHEN THE UNIT IS USED AS A BASIC IOP IT WILL BE EQUIPPED WITH MC4C049A1B OR MC4C049A1C. IF THE UNIT IS USED AS A TIOP THE THE SLOT WILL BE EQUIPPED WITH MC4C130A1.

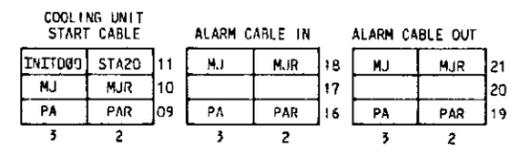
306. ALL WIRING FOR APP. FIG. 2 (GROWTH IOP CIRCUIT) IS FURNISHED BY THE BACKPLANE FOR J1C161BC-. THE CKT PACKS FOR THIS APP FIG. PROVIDE FOR POWER AND PC COMMUNITIES 2 & 3 WITH CAPACITY FOR FOUR PC'S IN EACH. ALL CIRCUIT PACKS ARE OPTIONAL AS SPECIFIED BY SYSTEM DRAWING J1C165B-.

307. ALL WIRING FOR APP FIG. 3 (DISK FILE CONTROLLER CIRCUIT) IS FURNISHED BY THE BACKPLANE FOR J1C161BC-. THE CIRCUIT PACKS FOR THIS APP FIG. PROVIDES DISK FILE CONTROL CAPACITY FOR A MAXIMUM OF 8 DISK DRIVES. THE TN68 CKT PACKS HAVE MICROCODE ASSOCIATION'S, POS. 13-116(MC4C061A1B) AND POS. 13-122(MC4C061B1B). ALL CIRCUIT PACKS ARE OPTIONAL EXCEPT TN60(EQL 13-128) AND ARE ORDERED AS SPECIFIED BY SYSTEM DRAWING J1C165B-. TN60(TOU TST) IS USED IN BTL LAB APPLICATIONS ONLY.

307A. THE FOLLOWING COMBINATIONS OF CIRCUIT ARE REQUIRED UN54(13-132) WITH MC4C061B1B(13-122) AND MC4C061A1B(13-116). UN55(13-132) WITH TN19(13-122).

308. THE ED4C347-10.G8 & G9 IOP CABLING AND ED4C348-10.G7 POWER CABLING WHICH CONNECTS LEVELS 04(TOP) AND 13(TOP) TOGETHER IS SHOWN IN THIS UNIT BUT IS ORDERED AT THE SYSTEM J1C165B-.

309. CABLE TERMINATION POINTS FOR ALARM CABLES ARE PROVIDED AT EQL 04-178 ON THIS BACKPLANE FOR 3B20 - DUPLEX APPLICATIONS. AS FOLLOWS:



IO PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		08	5B
AT&T BELL LABORATORIES	SD-4C115-01	SHEET D#2	

CAD 02

CAD 02

CAD 03

LUGS

(CONT'D)

TERMINAL FIELDS

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				01-0078	LUG					.....LUG18				05-014T	LUG					.....TF01					04-116	TF			
TO PROC SYS CKT 48R1OP5				001	48R1OP5	04-024	CP		003	GRD04016				037	GRD04016	04-016	CP		012	GRD04116					000	GRD04116				
.....LUG2				01-007T	LUG				LUG19				06-009B	LUG						GRD04116					001	DL60	04-118	CP	204
TO PROC SYS CKT N48V1OP5				005	N48V1OP5	04-024	CP		106	P5VG				042	P5VG	04-016	CP		346	DL60					002	ER620	04-118	CP	406	
.....LUG3				01-013B	LUG				LUG20				06-009T	LUG						DL60					003	PCSEL600	04-118	CP	311
48RCPU6				001	48RCPU6	04-016	CP		205	P5VG				047	P5VG	04-016	CP		346	PCSEL620					004	PCSEL620	04-118	CP	511	
.....LUG4				01-013T	LUG				LUG21				06-014B	LUG						GRD04116					005	PCSEL630	04-118	CP	012
N48VCPU6				005	N48VCPU6	04-016	CP		106	P5VG				042	P5VG	04-016	CP		346	CSA620					006	GRD04116				
.....LUG5				01-169B	LUG				LUG22				06-014T	LUG						DL60					007	CSA620	04-118	CP	015
TO PROC SYS CKT 48R1OP7				001	48R1OP7	04-162	CP		103	P5VG				047	P5VG	04-016	CP		346	CLRPC60					008	CLRPC60	04-118	CP	216	
.....LUG6				01-169T	LUG				LUG23				07-009	LUG						R1SL860					009	R1SL860	04-118	CP	017
TO PROC SYS CKT N48V1OP7				005	N48V1OP7	04-162	CP		004	P5VG				052	P5VG	04-016	CP		346	DMAWR60					010	DMAWR60	04-118	CP	319	
.....LUG7				01-175B	LUG				LUG24				07-014	LUG						GRD04116					011	GRD04116			
48R1OP6				001	48R1OP6	04-178	CP		204	P5VG				052	P5VG	04-016	CP		346	DL60					012	DL60				
.....LUG8				01-175T	LUG				LUG25				10-008	LUG						DMARD60					013	DMARD60	04-118	CP	220
N48V1OP6				005	N48V1OP6	04-178	CP		007	TO PROC SYS CKT 48A				004	48A	13-016	CP		306	DMARD60					014	DMARD60	04-118	CP	521	
.....LUG9				02-007T	LUG				LUG26				10-174	LUG						SR610					015	SR610	04-118	CP	523
TO PROC SYS CKT N48V1OP8				014	N48V1OP8	04-072	CP		110	TO PROC SYS CKT 48B				004	48B	13-178	CP		107	SR630					016	SR630	04-118	CP	124	
.....LUG10				02-008	LUG				LUG27				09-008	LUG						DMAS011					017	DMAS011	04-118	CP	034
TO PROC SYS CKT 48R1OP8				010	48R1OP8	04-102	CP		444	TO PROC SYS CKT 48RA				000	48RA	13-016	CP		302	GRD04116					018	GRD04116				
.....LUG11				03-007B	LUG				LUG28				09-174	LUG						DMAS041					019	DMAS041	04-118	CP	036
TO PROC SYS CKT 48R1OP4				018	48R1OP4	04-062	CP		444	TO PROC SYS CKT 48RB				000	48RB	13-178	CP		104	DMAS061					020	DMAS061	04-118	CP	337	
.....LUG12				03-007T	LUG				LUG29				11-008B	LUG						DMAS081					021	DMAS081	04-118	CP	538
TO PROC SYS CKT N48V1OP4				022	N48V1OP4	04-032	CP		110	TO PROC SYS CKT 48RD				010	48RD	13-062	CP		444	DMAS101					022	DMAS101	04-118	CP	540	
.....LUG13				03-009	LUG				LUG30				11-174B	LUG						GRD04116					023	GRD04116			
GRD04016				027	GRD04016	04-016	CP		012	TO PROC SYS CKT 48RC				010	48RC	13-162	CP		104	GRD04116					024	GRD04116				
.....LUG14				03-014	LUG				LUG31				11-008T	LUG						DMAS011					025	DMAS011	04-118	CP	354
GRD04016				027	GRD04016	04-016	CP		012	TO PROC SYS CKT 48D				014	48D	13-032	CP		110	INT510					026	INT510	04-118	CP	154	
.....LUG15				05-009B	LUG				LUG32				11-174T	LUG						INT530					027	INT530	04-118	CP	354
GRD04016				032	GRD04016	04-016	CP		012	TO PROC SYS CKT 48C				014	48C	13-162	CP		004	GRD04116					028	GRD04116				
.....LUG16				05-009T	LUG				LUG33				12-008B	LUG						GRD04116					029	GRD04116			
GRD04016				037	GRD04016	04-016	CP		012	TO PROC SYS CKT 48E				018	48E	13-102	CP		444	ER600					030	ER600	04-118	CP	206	
.....LUG17				05-014B	LUG				LUG34				12-008T	LUG						ER610					031	ER610	04-118	CP	306
GRD04016				032	GRD04016	04-016	CP		012	TO PROC SYS CKT 48E				022	48E	13-072	CP		010	ER630					032	ER630	04-118	CP	506	

IO PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		C2	1
BELL LABORATORIES	SD-4C115-01	GB2	

CAD 03
(CONT'D)

CAD 03
(CONT'D)

CAD 04
(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		
<p>.....TF01</p> <p>04-116 (CONT'D) TF</p> <p>DMA6091 123 DMA6091 04-118 CP 240</p> <p>GRD04116 124 GRD04116</p> <p>GRD04116 132 GRD04116</p> <p>DMA0C50 133 DMA0C50 04-118 CP 520</p> <p>SR500 134 SR500 04-118 CP 023</p> <p>SR520 135 SR520 04-118 CP 223</p> <p>DMA5001 136 DMA5001 04-118 CP 133</p> <p>GRD04116 137 GRD04116</p> <p>DMA5021 138 DMA5021 04-118 CP 334</p> <p>DMA5031 139 DMA5031 04-118 CP 135</p> <p>DMA5051 140 DMA5051 04-118 CP 536</p> <p>DMA5071 141 DMA5071 04-118 CP 138</p> <p>DMA5091 142 DMA5091 04-118 CP 140</p> <p>GRD04116 143 GRD04116</p> <p>144</p> <p>GRD04116 145 GRD04116</p> <p>DMA5111 146 DMA5111 04-118 CP 341</p> <p>DMA5131 147 DMA5131 04-118 CP 542</p> <p>DMA5151 148 DMA5151 04-118 CP 244</p> <p>DMA511 149 DMA511 04-118 CP 046</p> <p>GRD04116 150 GRD04116</p> <p>DMA0541 151 DMA0541 04-118 CP 248</p> <p>DMA0561 152 DMA0561 04-118 CP 449</p> <p>DMA0581 153 DMA0581 04-118 CP 451</p> <p>INT500 154 INT500 04-118 CP 054</p> <p>INT520 155 INT520 04-118 CP 254</p> <p>GRD04116 156 GRD04116</p>																															
<p>.....TF02</p> <p>04-124 TF</p> <p>GRD04124 000 GRD04124</p> <p>OOL70 001 OOL70 04-118 CP 404</p> <p>ER720 002 ER720 04-118 CP 207</p> <p>PCSEL700 003 PCSEL700 04-118 CP 112</p> <p>PCSEL720 004 PCSEL720 04-118 CP 412</p> <p>PCSEL730 005 PCSEL730 04-118 CP 512</p> <p>GRD04124 006 GRD04124</p> <p>CSA720 007 CSA720 04-118 CP 415</p> <p>CLRPC70 008 CLRPC70 04-118 CP 316</p> <p>RISL870 009 RISL870 04-118 CP 117</p> <p>DMAWR70 010 DMAWR70 04-118 CP 519</p> <p>GRD04124 011 GRD04124</p> <p>012</p> <p>GRD04124 013 GRD04124</p> <p>DMA070 014 DMA070 04-118 CP 320</p> <p>DMA070 015 DMA070 04-118 CP 022</p> <p>SR710 016 SR710 04-118 CP 232</p> <p>SR730 017 SR730 04-118 CP 532</p> <p>DMA7011 018 DMA7011 04-118 CP 134</p> <p>GRD04124 019 GRD04124</p> <p>DMA7041 020 DMA7041 04-118 CP 336</p> <p>DMA7061 021 DMA7061 04-118 CP 537</p> <p>DMA7081 022 DMA7081 04-118 CP 539</p> <p>DMA7101 023 DMA7101 04-118 CP 141</p> <p>GRD04124 024 GRD04124</p> <p>GRD04124 032 GRD04124</p> <p>DMA7121 033 DMA7121 04-118 CP 342</p> <p>DMA7141 034 DMA7141 04-118 CP 044</p> <p>DMA0701 035 DMA0701 04-118 CP 445</p> <p>DMA0721 036 DMA0721 04-118 CP 047</p> <p>DMA0731 037 DMA0731 04-118 CP 048</p> <p>DMA0751 038 DMA0751 04-118 CP 249</p> <p>DMA0771 039 DMA0771 04-118 CP 550</p> <p>OOS71 040 OOS71 04-118 CP 452</p> <p>INT710 041 INT710 04-118 CP 355</p> <p>INT730 042 INT730 04-118 CP 555</p> <p>GRD04124 043 GRD04124</p> <p>044</p> <p>GRD04124 045 GRD04124</p> <p>DMA6121 046 DMA6121 04-118 CP 242</p> <p>DMA6141 047 DMA6141 04-118 CP 343</p> <p>DMA6601 048 DMA6601 04-118 CP 345</p> <p>DMA6621 049 DMA6621 04-118 CP 546</p> <p>DMA6631 050 DMA6631 04-118 CP 547</p> <p>DMA6651 051 DMA6651 04-118 CP 149</p> <p>DMA6671 052 DMA6671 04-118 CP 450</p> <p>OOS61 053 OOS61 04-118 CP 352</p> <p>INT610 054 INT610 04-118 CP 554</p> <p>INT630 055 INT630 04-118 CP 155</p> <p>GRD04124 056 GRD04124</p> <p>GRD04124 100 GRD04124</p> <p>ER700 101 ER700 04-118 CP 007</p> <p>ER710 102 ER710 04-118 CP 107</p>																															
<p>.....TF02</p> <p>04-124 TF</p> <p>ER730 103 ER730 04-118 CP 407</p> <p>PCSEL710 104 PCSEL710 04-118 CP 212</p> <p>GRD04124 105 GRD04124</p> <p>CSA700 106 CSA700 04-118 CP 215</p> <p>CSA710 107 CSA710 04-118 CP 315</p> <p>CSA730 108 CSA730 04-118 CP 515</p> <p>SISL870 109 SISL870 04-118 CP 018</p> <p>CINT70 110 CINT70 04-118 CP 518</p> <p>GRD04124 111 GRD04124</p> <p>112</p> <p>GRD04124 113 GRD04124</p> <p>DMA0C70 114 DMA0C70 04-118 CP 121</p> <p>SR700 115 SR700 04-118 CP 324</p> <p>SR720 116 SR720 04-118 CP 432</p> <p>DMA7001 117 DMA7001 04-118 CP 333</p> <p>GRD04124 118 GRD04124</p> <p>DMA7021 119 DMA7021 04-118 CP 534</p> <p>DMA7031 120 DMA7031 04-118 CP 435</p> <p>DMA7051 121 DMA7051 04-118 CP 117</p> <p>DMA7071 122 DMA7071 04-118 CP 338</p> <p>DMA7091 123 DMA7091 04-118 CP 340</p> <p>GRD04124 124 GRD04124</p> <p>GRD04124 125 GRD04124</p> <p>DMA7111 126 DMA7111 04-118 CP 541</p> <p>DMA7131 127 DMA7131 04-118 CP 143</p> <p>DMA7151 128 DMA7151 04-118 CP 544</p> <p>DMA711 129 DMA711 04-118 CP 246</p> <p>GRD04124 130 GRD04124</p> <p>DMA0741 131 DMA0741 04-118 CP 448</p> <p>DMA0761 132 DMA0761 04-118 CP 050</p> <p>DMA0781 133 DMA0781 04-118 CP 051</p> <p>INT700 134 INT700 04-118 CP 255</p> <p>INT720 135 INT720 04-118 CP 455</p> <p>GRD04124 136 GRD04124</p> <p>137</p> <p>GRD04124 138 GRD04124</p> <p>DMA0741 139 DMA0741 04-118 CP 448</p> <p>DMA0761 140 DMA0761 04-118 CP 050</p> <p>DMA0781 141 DMA0781 04-118 CP 051</p> <p>INT700 142 INT700 04-118 CP 255</p> <p>INT720 143 INT720 04-118 CP 455</p> <p>GRD04124 144 GRD04124</p> <p>145</p> <p>GRD04124 146 GRD04124</p> <p>DMA6111 147 DMA6111 04-118 CP 441</p> <p>DMA6131 148 DMA6131 04-118 CP 043</p> <p>DMA6151 149 DMA6151 04-118 CP 444</p> <p>DMA611 150 DMA611 04-118 CP 146</p> <p>GRD04124 151 GRD04124</p> <p>DMA6641 152 DMA6641 04-118 CP 348</p> <p>DMA6661 153 DMA6661 04-118 CP 549</p> <p>DMA6681 154 DMA6681 04-118 CP 151</p> <p>INT600 155 INT600 04-118 CP 454</p> <p>INT620 156 INT620 04-118 CP 055</p> <p>GRD04124 157 GRD04124</p>																															
<p>.....IOP1</p> <p>04-076 (CONT'D) JACK/TF (982BN)</p> <p>CSA230 CA1 121 CSA230 04-110 CP 115</p> <p>SISL820 CA1 122 SISL820 04-110 CP 517</p> <p>CINT20 CA1 123 CINT20 04-110 CP 418</p> <p>NC CA1 124 GRDPC1</p>																															
<p>.....IOP2</p> <p>04-076 JACK/TF (982BN)</p> <p>TO CAD 5</p> <p>NC CA2 032 GRDPC2</p> <p>DMA020 CA2 033 DMA020 04-110 CP 220</p> <p>DMA020 CA2 034 DMA020 04-110 CP 521</p> <p>SR210 CA2 035 SR210 04-110 CP 523</p> <p>SR230 CA2 036 SR230 04-110 CP 124</p> <p>DMA2011 CA2 037 DMA2011 04-110 CP 034</p> <p>GRDPC2 CA2 038 GRDPC2</p> <p>DMA2041 CA2 039 DMA2041 04-110 CP 136</p> <p>DMA2061 CA2 040 DMA2061 04-110 CP 437</p> <p>DMA2081 CA2 041 DMA2081 04-110 CP 039</p> <p>DMA2101 CA2 042 DMA2101 04-110 CP 041</p> <p>NC CA2 043 GRDPC2</p> <p>NC CA2 132 GRDPC2</p> <p>DMA0C20 CA2 133 DMA0C20 04-110 CP 021</p> <p>SR200 CA2 134 SR200 04-110 CP 423</p> <p>SR220 CA2 135 SR220 04-110 CP 024</p> <p>DMA2001 CA2 136 DMA2001 04-110 CP 233</p> <p>GRDPC2 CA2 137 GRDPC2</p> <p>DMA2021 CA2 138 DMA2021 04-110 CP 434</p> <p>DMA2031 CA2 139 DMA2031 04-110 CP 235</p> <p>DMA2051 CA2 140 DMA2051 04-110 CP 037</p> <p>DMA2071 CA2 141 DMA2071 04-110 CP 238</p> <p>DMA2091 CA2 142 DMA2091 04-110 CP 240</p> <p>NC CA2 143 GRDPC2</p>																															
<p>.....IOP3</p> <p>04-076 JACK/TF (982BN)</p> <p>TO CAD 5</p> <p>NC CA3 045 GRDPC3</p> <p>DMA2121 CA3 046 DMA2121 04-110 CP 242</p> <p>DMA2141 CA3 047 DMA2141 04-110 CP 543</p> <p>DMA2201 CA3 048 DMA2201 04-110 CP 345</p> <p>DMA2221 CA3 049 DMA2221 04-110 CP 546</p> <p>DMA2231 CA3 050 DMA2231 04-110 CP 547</p> <p>DMA2251 CA3 051 DMA2251 04-110 CP 149</p> <p>DMA2271 CA3 052 DMA2271 04-110 CP 450</p> <p>OOS21 CA3 053 OOS21 04-110 CP 352</p> <p>INT210 CA3 054 INT210 04-110 CP 554</p> <p>INT230 CA3 055 INT230 04-110 CP 155</p> <p>NC CA3 056 GRDPC3</p> <p>NC CA3 145 GRDPC3</p> <p>DMA2111 CA3 146 DMA2111 04-110 CP 441</p> <p>DMA2131 CA3 147 DMA2131 04-110 CP 043</p> <p>DMA2151 CA3 148 DMA2151 04-110 CP 444</p> <p>DMA2211 CA3 149 DMA2211 04-110 CP 146</p> <p>GRDPC3 CA3 150 GRDPC3</p> <p>DMA2241 CA3 151 DMA2241 04-110 CP 348</p> <p>DMA2261 CA3 152 DMA2261 04-110 CP 549</p> <p>DMA2281 CA3 153 DMA2281 04-110 CP 151</p> <p>INT200 CA3 154 INT200 04-110 CP 454</p> <p>INT220 CA3 155 INT220 04-110 CP 055</p> <p>NC CA3 156 GRDPC3</p>																															
<p>CAD 04</p> <p>LEVEL 04 TOP CABLE (NOTE 308)</p>																															
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		
<p>.....IOP1</p> <p>04-076 JACK/TF (982BN)</p> <p>TO CAD 5</p> <p>NC CA1 013 GRDPC1</p> <p>OOL20 CA1 014 OOL20 04-110 CP 204</p> <p>ER220 CA1 015 ER220 04-110 CP 406</p> <p>PCSEL200 CA1 016 PCSEL200 04-110 CP 311</p> <p>PCSEL220 CA1 017 PCSEL220 04-110 CP 511</p> <p>PCSEL230 CA1 018 PCSEL230 04-110 CP 012</p> <p>GRDPC1 CA1 019 GRDPC1</p> <p>CSA220 CA1 020 CSA220 04-110 CP 015</p> <p>CLRPC20 CA1 021 CLRPC20 04-110 CP 216</p> <p>RISL820 CA1 022 RISL820 04-110 CP 017</p> <p>DMAWR20 CA1 023 DMAWR20 04-110 CP 319</p> <p>NC CA1 024 GRDPC1</p> <p>NC CA1 113 GRDPC1</p> <p>ER200 CA1 114 ER200 04-110 CP 206</p> <p>ER210 CA1 115 ER210 04-110 CP 306</p> <p>ER230 CA1 116 ER230 04-110 CP 506</p> <p>PCSEL210 CA1 117 PCSEL210 04-110 CP 411</p> <p>GRDPC1 CA1 118 GRDPC1</p> <p>CSA200 CA1 119 CSA200 04-110 CP 414</p> <p>CSA210 CA1 120 CSA210 04-110 CP 514</p>																															

IO PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		C2	1
BELL LABORATORIES		SD-4C115-01	
		GB3	

0 1 2 3 4 5 6 7 8 9

CAD 04
(CONT'D)

CAD 05
LEVEL 13 TOP CABLE (NOTE 308)

CAD 05
(CONT'D)

TO CONNECTION		FROM CONNECTION					TO CONNECTION		FROM CONNECTION					TO CONNECTION		FROM CONNECTION														
DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
.....TOP4		04-070 JACK/TF (982BN).....					.....TOP1		13-076 JACK/TF (982BN).....					.....TOP4		13-070 JACK/TF (982BN).....													
TO CAD 5	NC	CA4		013	GRDPC4					TO CAD 4	NC	CA1		000	GRDPC1					TO CAD 4	NC	CA4		000	GRDPC4					
	DOL30	CA4		014	DOL30	04-110	CP		404		CINT20	CA1		001	CINT20	04-110	CP		418		CINT30	CA4		001	CINT30	04-110	CP		518	
	ER320	CA4		015	ER320	04-110	CP		207		SISL820	CA1		002	SISL820	04-110	CP		517		SISL830	CA4		002	SISL830	04-110	CP		018	
	PCSEL300	CA4		016	PCSEL300	04-110	CP		112		CSA230	CA1		003	CSA230	13-078	CP		301		CSA330	CA4		003	CSA330	13-038	CP		301	
	PCSEL320	CA4		017	PCSEL320	04-110	CP		412		CSA210	CA1		004	CSA210	13-094	CP		301		CSA310	CA4		004	CSA310	13-054	CP		301	
	PCSEL330	CA4		018	PCSEL330	04-110	CP		512		CSA200	CA1		005	CSA200	13-102	CP		301		CSA300	CA4		005	CSA300	13-062	CP		301	
	GRDPC4	CA4		019	GRDPC4						GRDPC1	CA1		006	GRDPC1						GRDPC4	CA4		006	GRDPC4					
	CSA320	CA4		020	CSA320	04-110	CP		415		PCSEL210	CA1		007	PCSEL210	04-110	CP		411		PCSEL310	CA4		007	PCSEL310	04-110	CP		212	
	CLRPC30	CA4		021	CLRPC30	04-110	CP		316		ER230	CA1		008	ER230	13-078	CP		201		ER330	CA4		008	ER330	13-038	CP		201	
	RISL830	CA4		022	RISL830	04-110	CP		117		ER210	CA1		009	ER210	13-094	CP		201		ER310	CA4		009	ER310	13-054	CP		201	
	DMAHR30	CA4		023	DMAHR30	04-110	CP		519		ER200	CA1		010	ER200	13-102	CP		201		ER300	CA4		010	ER300	13-062	CP		201	
	NC	CA4		024	GRDPC4						NC	CA1		011	GRDPC1						NC	CA4		011	GRDPC4					
	ER300	CA4		114	ER300	04-110	CP		007		NC	CA1		100	GRDPC1						NC	CA4		100	GRDPC4					
	ER310	CA4		115	ER310	04-110	CP		107		DMAHR20	CA1		101	DMAHR20	04-110	CP		319		DMAHR30	CA4		101	DMAHR30	04-110	CP		519	
	ER330	CA4		116	ER330	04-110	CP		407		RISL820	CA1		102	RISL820	04-110	CP		017		RISL830	CA4		102	RISL830	04-110	CP		117	
	PCSEL310	CA4		117	PCSEL310	04-110	CP		212		CLRPC20	CA1		103	CLRPC20	04-110	CP		216		CLRPC30	CA4		103	CLRPC30	04-110	CP		316	
	GRDPC4	CA4		118	GRDPC4						CSA220	CA1		104	CSA220	13-086	CP		301		CSA320	CA4		104	CSA320	13-046	CP		301	
	CSA300	CA4		119	CSA300	04-110	CP		215		GRDPC1	CA1		105	GRDPC1						GRDPC4	CA4		105	GRDPC4					
	CSA310	CA4		120	CSA310	04-110	CP		315		PCSEL230	CA1		106	PCSEL230	04-110	CP		012		PCSEL330	CA4		106	PCSEL330	04-110	CP		512	
	CSA330	CA4		121	CSA330	04-110	CP		515		PCSEL220	CA1		107	PCSEL220	04-110	CP		511		PCSEL320	CA4		107	PCSEL320	04-110	CP		412	
	SISL830	CA4		122	SISL830	04-110	CP		018		PCSEL200	CA1		108	PCSEL200	04-110	CP		311		PCSEL300	CA4		108	PCSEL300	04-110	CP		112	
	CINT30	CA4		123	CINT30	04-110	CP		518		ER220	CA1		109	ER220	13-086	CP		201		ER320	CA4		109	ER320	13-046	CP		201	
	NC	CA4		124	GRDPC4						DOL20	CA1		110	DOL20	13-072	CP		242		DOL30	CA4		110	DOL30	13-032	CP		342	
											NC	CA1		111	GRDPC1						NC	CA4		111	GRDPC4					
.....TOP5		04-070 JACK/TF (982BN).....					.....TOP2		13-076 JACK/TF (982BN).....					.....TOP5		13-070 JACK/TF (982BN).....													
TO CAD 5	NC	CA5		032	GRDPC5					TO CAD 4	NC	CA2		013	GRDPC2					TO CAD 4	NC	CA5		013	GRDPC5					
	DMARD30	CA5		033	DMARD30	04-110	CP		320		DMA2091	CA2		014	DMA2091	04-110	CP		240		DMA3091	CA5		014	DMA3091	04-110	CP		340	
	DMARD30	CA5		034	DMARD30	04-110	CP		022		DMA2071	CA2		015	DMA2071	04-110	CP		238		DMA3071	CA5		015	DMA3071	04-110	CP		338	
	SR310	CA5		035	SR310	04-110	CP		232		DMA2051	CA2		016	DMA2051	04-110	CP		037		DMA3051	CA5		016	DMA3051	04-110	CP		137	
	SR330	CA5		036	SR330	04-110	CP		532		DMA2031	CA2		017	DMA2031	04-110	CP		235		DMA3031	CA5		017	DMA3031	04-110	CP		435	
	DMA3011	CA5		037	DMA3011	04-110	CP		134		DMA2021	CA2		018	DMA2021	04-110	CP		434		DMA3021	CA5		018	DMA3021	04-110	CP		534	
	GRDPC5	CA5		038	GRDPC5						GRDPC2	CA2		019	GRDPC2						GRDPC5	CA5		019	GRDPC5					
	DMA3041	CA5		039	DMA3041	04-110	CP		336		DMA2001	CA2		020	DMA2001	04-110	CP		233		DMA3001	CA5		020	DMA3001	04-110	CP		333	
	DMA3061	CA5		040	DMA3061	04-110	CP		537		SR220	CA2		021	SR220	13-086	CP		001		SR320	CA5		021	SR320	13-046	CP		001	
	DMA3081	CA5		041	DMA3081	04-110	CP		539		SR200	CA2		022	SR200	13-102	CP		001		SR300	CA5		022	SR300	13-062	CP		001	
	DMA3101	CA5		042	DMA3101	04-110	CP		141		DMA2020	CA2		023	DMA2020	04-110	CP		021		DMA3030	CA5		023	DMA3030	04-110	CP		121	
	NC	CA5		043	GRDPC5						NC	CA2		024	GRDPC2						NC	CA5		024	GRDPC5					
	NC	CA5		132	GRDPC5						NC	CA2		113	GRDPC2						NC	CA5		113	GRDPC5					
	DMA3030	CA5		133	DMA3030	04-110	CP		121		DMA2101	CA2		114	DMA2101	04-110	CP		041		DMA3101	CA5		114	DMA3101	04-110	CP		141	
	SR300	CA5		134	SR300	04-110	CP		324		DMA2081	CA2		115	DMA2081	04-110	CP		039		DMA3081	CA5		115	DMA3081	04-110	CP		539	
	SR320	CA5		135	SR320	04-110	CP		432		DMA2061	CA2		116	DMA2061	04-110	CP		437		DMA3061	CA5		116	DMA3061	04-110	CP		537	
	DMA3001	CA5		136	DMA3001	04-110	CP		333		DMA2041	CA2		117	DMA2041	04-110	CP		136		DMA3041	CA5		117	DMA3041	04-110	CP		336	
	GRDPC5	CA5		137	GRDPC5						GRDPC2	CA2		118	GRDPC2						GRDPC5	CA5		118	GRDPC5					
	DMA3021	CA5		138	DMA3021	04-110	CP		534		DMA2011	CA2		119	DMA2011	04-110	CP		034		DMA3011	CA5		119	DMA3011	04-110	CP		134	
	DMA3031	CA5		139	DMA3031	04-110	CP		435		SR230	CA2		120	SR230	13-078	CP		001		SR330	CA5		120	SR330	13-038	CP		001	
	DMA3051	CA5		140	DMA3051	04-110	CP		137		SR210	CA2		121	SR210	13-094	CP		001		SR310	CA5		121	SR310	13-054	CP		001	
	DMA3071	CA5		141	DMA3071	04-110	CP		338		DMA2020	CA2		122	DMA2020	04-110	CP		521		DMA3030	CA5		122	DMA3030	04-110	CP		022	
	DMA3091	CA5		142	DMA3091	04-110	CP		340		DMA2020	CA2		123	DMA2020	04-110	CP		220		DMA3030	CA5		123	DMA3030	04-110	CP		320	
	NC	CA5		143	GRDPC5						NC	CA2		124	GRDPC2						NC	CA5		124	GRDPC5					
.....TOP6		04-070 JACK/TF (982BN).....																												

CAD 05

(CONT'D)

CAD 07

LEVEL 13 PHR CABLE (NOTE 308)

CAD 09

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....TOP6									
TO CAD 4	NC	CA6		032	GRDPC6				
	INT320	CA6		035	INT320	13-046	CP	101	
	INT300	CA6		034	INT300	13-062	CP	101	
	DMAD381	CA6		035	DMAD381	04-110	CP	051	
	DMAD361	CA6		036	DMAD361	04-110	CP	050	
	DMAD341	CA6		037	DMAD341	04-110	CP	448	
	GRDPC6	CA6		038	GRDPC6				
	DMAD311	CA6		039	DMAD311	04-110	CP	246	
	DMA3151	CA6		040	DMA3151	04-110	CP	544	
	DMA3131	CA6		041	DMA3131	04-110	CP	143	
	DMA3111	CA6		042	DMA3111	04-110	CP	541	
	NC	CA6		043	GRDPC6				
	INT330	CA6		133	INT330	13-038	CP	101	
	INT310	CA6		134	INT310	13-054	CP	101	
	OOS31	CA6		135	OOS31	04-110	CP	452	
	DMAD371	CA6		136	DMAD371	04-110	CP	550	
	DMAD351	CA6		137	DMAD351	04-110	CP	249	
	DMAD331	CA6		138	DMAD331	04-110	CP	048	
	DMAD321	CA6		139	DMAD321	04-110	CP	047	
	DMAD301	CA6		140	DMAD301	04-110	CP	445	
	DMA3141	CA6		141	DMA3141	04-110	CP	044	
	DMA3121	CA6		142	DMA3121	04-110	CP	342	
	NC	CA6		143	GRDPC6				

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....PHR									
TO CAD 6	ICSTN	CA7		213	ICSTN				
				214					
				215					
TO CAD 6	ICSTP	CA7		216	ICSTP				
				217					
TO CAD 6	ICALM10	CA7		218	ICALM10				
				219					
				220					
				221					
				222					
				223					
				224					
TO CAD 6	FPWRF0	CA7		313	FPWRF0				
	ALRMO	CA7		315	ALRMO				
	OTO	CA7		316	OTO				
	ILMTO	CA7		317	ILMTO				
				318					
				319					
				320					
				321					
				322					
				323					
				324					

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J3									
				255					
TO PROC SYS CKT	SPARE	CA		256	PAR13	13-162	CP	252	
.....J4									
				349					
TO PROC SYS CKT	SPARE	CA		350	PROX013	13-162	CP	303	
	SPARE			351					
TO PROC SYS CKT	PA13	CA		352	PA13	13-162	CP	352	
	INITD013	CA		249	INITD013	13-162	CP	249	
	SPARE			250					
	SPARE			251					
TO PROC SYS CKT	PAR13	CA		252	PAR13	13-162	CP	252	

CAD 06

LEVEL 04 PHR CABLE (NOTE 308)

CAD 08

POWER ALARM AND RESTART CABLES 04 LEVEL

CAD 10

DFC CONTROL CABLES/DISK FILE CONTROL

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....PHR									
TO CAD 7	ICSTN	CA7		213	ICSTN				
				214					
				215					
TO CAD 7	ICSTP	CA7		216	ICSTP				
				217					
TO CAD 7	ICALM10	CA7		218	ICALM10				
				219					
				220					
				221					
				222					
				223					
				224					
				313					
TO CAD 7	FPWRF0	CA7		314	FPWRF0				
	ALRMO	CA7		315	ALRMO				
	OTO	CA7		316	OTO				
	ILMTO	CA7		317	ILMTO				
				318					
				319					
				320					
				321					
				322					
				323					
				324					

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1									
				353					
TO PROC SYS CKT	SPARE	CA		354	PROX004	04-162	CP	303	
	SPARE			355					
TO PROC SYS CKT	PA04	CA		356	PA04	04-162	CP	319	(Y)
	SPARE			253					
	SPARE			254					
	SPARE			255					
TO PROC SYS CKT	PAR04	CA		256	PAR04	04-162	CP	219	(Y)
.....J2									
				349					
TO PROC SYS CKT	SPARE	CA		350	PROX004	04-162	CP	303	
	SPARE			351					
TO PROC SYS CKT	PA04	CA		352	PA04	04-162	CP	319	(Y)
	INITD004	CA		249	INITD004	04-162	CP	113	(Y)
	SPARE			250					
	SPARE			251					
TO PROC SYS CKT	PAR04	CA		252	PAR04	04-162	CP	219	(Y)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....A01									
TO PROC SYS CKT	TXUSSTBN			400	TXUSSTBN	13-132	CP	400	
	TXUS0N			401	TXUS0N	13-132	CP	401	
	TXUS1N			402	TXUS1N	13-132	CP	402	
	TXUS2N			403	TXUS2N	13-132	CP	403	
	TXUS3N			404	TXUS3N	13-132	CP	404	
	TXTAG0N			405	TXTAG0N	13-132	CP	405	
	TXTAG1N			406	TXTAG1N	13-132	CP	406	
	TXTAG2N			407	TXTAG2N	13-132	CP	407	
	TXCMD00N			408	TXCMD00N	13-132	CP	408	
	TXCMD01N			409	TXCMD01N	13-132	CP	409	
	TXCMD02N			410	TXCMD02N	13-132	CP	410	
	TXCMD03N			411	TXCMD03N	13-132	CP	411	
	TXUSSTBP			500	TXUSSTBP	13-132	CP	500	
	TXUS0P			501	TXUS0P	13-132	CP	501	
	TXUS1P			502	TXUS1P	13-132	CP	502	
	TXUS2P			503	TXUS2P	13-132	CP	503	
	TXUS3P			504	TXUS3P	13-132	CP	504	
	TXTAG0P			505	TXTAG0P	13-132	CP	505	
	TXTAG1P			506	TXTAG1P	13-132	CP	506	
	TXTAG2P			507	TXTAG2P	13-132	CP	507	
	TXCMD00P			508	TXCMD00P	13-132	CP	508	
	TXCMD01P			509	TXCMD01P	13-132	CP	509	
	TXCMD02P			510	TXCMD02P	13-132	CP	510	
	TXCMD03P			511	TXCMD03P	13-132	CP	511	

CAD 09

POWER ALARM AND RESTART CABLES 13-LEVEL

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J3									
				353					
TO PROC SYS CKT	SPARE	CA		354	PROX013	13-162	CP	303	
	SPARE			355					
TO PROC SYS CKT	PA13	CA		356	PA13	13-162	CP	352	
	SPARE			253					
	SPARE			254					

SEE PROPRIETARY NOTICE ON COVER SHEET

IO PROCESSOR AND DFC CONTROLLER UNIT		
DWG SIZE	ISSUE	
C2	4B	
AT&T BELL LABORATORIES	SD-4C115-01	GB5

CAD 10
(CONT'D)

CAD 11
(CONT'D)

CAD 11
(CONT'D)

TO CONNECTION		FROM CONNECTION			TO CONNECTION		FROM CONNECTION			TO CONNECTION		FROM CONNECTION																											
DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE										
.....A02		13-152 JACK/CP (982AE).....			.....B01		13-152 JACK/CP (982AE).....			.....B04		13-152 JACK/CP (982AE).....			.....B05		13-152 JACK/CP (982AE).....			.....B00		13-152 JACK/CP (982AE).....			.....B03		13-152 JACK/CP (982AE).....												
TO PROC SYS	TXCD04N			413	TXCD04N	13-152	CP			TO PROC SYS	GRD13152			432	GRD13152	13-152	CP			TO PROC SYS	SPARE			213						TO PROC SYS	NSV			445	NSV	13-152	CP		222
	TXCD05N			414	TXCD05N	13-152	CP				TXDT01N			433	TXDT01N	13-152	CP				SPARE			214							SPARE			446					
	TXCD06N			415	TXCD06N	13-152	CP				TXCK01N			434	TXCK01N	13-152	CP				SPARE			215							SPARE			447					
	TXCD07N			416	TXCD07N	13-152	CP				SAK01N			435	SAK01N	13-152	CP				GRD13152			216	GRD13152	13-152	CP				GRD13152			448	GRD13152	13-152	CP		508
	TXCD08N			417	TXCD08N	13-152	CP				RCVSV01N			436	RCVSV01N	13-152	CP				GRD13152			217	GRD13152	13-152	CP				GRD13152			449	GRD13152	13-152	CP		508
	TXCD09N			418	TXCD09N	13-152	CP				RCVDT01N			437	RCVDT01N	13-152	CP				TXDT04N			218	TXDT04N	13-152	CP				TXCK04N			450	TXCK04N	13-152	CP		418
	TXCD10N			419	TXCD10N	13-152	CP				RCVCK01N			438	RCVCK01N	13-152	CP				SAK04N			219	SAK04N	13-152	CP				RCVSV04N			451	RCVSV04N	13-152	CP		419
	TXCAENN			420	TXCAENN	13-152	CP				GRD13152			439	GRD13152	13-152	CP				RCVDT04N			220	RCVDT04N	13-152	CP				RCVCK04N			452	RCVCK04N	13-152	CP		220
	RADRNKN			423	RADRNKN	13-152	CP				SPARE			440	SPARE						RCVCK04N			221	RCVCK04N	13-152	CP				GRD13152			453	GRD13152	13-152	CP		221
	GRD13132			424	GRD13132	13-152	CP				VCCB			441	VCCB	13-152	CP				GRD13152			222	GRD13152	13-152	CP				SPARE			454	SPARE			222	
	TXCD04P			513	TXCD04P	13-152	CP				GRD13152			532	GRD13152	13-152	CP				SPARE			313	SPARE						GRD13152			533	GRD13152	13-152	CP		313
	TXCD05P			514	TXCD05P	13-152	CP				TXDT01P			533	TXDT01P	13-152	CP				SPARE			314	SPARE						TXCK01P			534	TXCK01P	13-152	CP		314
	TXCD06P			515	TXCD06P	13-152	CP				TXCK01P			534	TXCK01P	13-152	CP				SPARE			315	SPARE						RCVSV01P			535	RCVSV01P	13-152	CP		315
	TXCD07P			516	TXCD07P	13-152	CP				SAK01P			535	SAK01P	13-152	CP				GRD13152			316	GRD13152	13-152	CP				RCVDT01P			536	RCVDT01P	13-152	CP		316
	TXCD08P			517	TXCD08P	13-152	CP				RCVSV01P			536	RCVSV01P	13-152	CP				TXDT04P			317	TXDT04P	13-152	CP				RCVCK01P			537	RCVCK01P	13-152	CP		317
	TXCD09P			518	TXCD09P	13-152	CP				RCVDT01P			537	RCVDT01P	13-152	CP				SAK04P			318	SAK04P	13-152	CP				GRD13152			538	GRD13152	13-152	CP		318
	TXCD10P			519	TXCD10P	13-152	CP				RCVCK01P			538	RCVCK01P	13-152	CP				RCVSV04P			319	RCVSV04P	13-152	CP				RCVDT04P			539	RCVDT04P	13-152	CP		319
	TXCAENP			520	TXCAENP	13-152	CP				GRD13152			539	GRD13152	13-152	CP				RCVCK04P			320	RCVCK04P	13-152	CP				GRD13152			540	GRD13152	13-152	CP		320
	RADRNKP			523	RADRNKP	13-152	CP				SPARE			541	SPARE						RCVDT04P			321	RCVDT04P	13-152	CP				VCCB			542	VCCB	13-152	CP		321
	GRD13132			524	GRD13132	13-152	CP				VCCB			542	VCCB	13-152	CP				RCVCK04P			322	RCVCK04P	13-152	CP				SPARE			543	SPARE			322	
											GRD13152			540	GRD13152	13-152	CP				GRD13152			323	GRD13152	13-152	CP										323		
											TXDT02N			400	TXDT02N	13-152	CP				SPARE			013	SPARE												013		
											TXCK02N			401	TXCK02N	13-152	CP				GRD13152			014	GRD13152	13-152	CP											014	
											SAK02N			402	SAK02N	13-152	CP				GRD13152			015	GRD13152	13-152	CP											015	
											RCVSV02N			403	RCVSV02N	13-152	CP				TXDT05N			016	TXDT05N	13-152	CP											016	
											RCVDT02N			404	RCVDT02N	13-152	CP				TXCK05N			017	TXCK05N	13-152	CP											017	
											RCVCK02N			405	RCVCK02N	13-152	CP				SAK05N			018	SAK05N	13-152	CP											018	
											GRD13152			406	GRD13152	13-152	CP				RCVSV05N			019	RCVSV05N	13-152	CP										019		
											GRD13152			407	GRD13152	13-152	CP				RCVDT05N			020	RCVDT05N	13-152	CP										020		
											GRD13152			408	GRD13152	13-152	CP				RCVCK05N			021	RCVCK05N	13-152	CP										021		
											SPARE			409	SPARE						GRD13152			022	GRD13152	13-152	CP										022		
											GRD13152			410	GRD13152	13-152	CP				RCVDT05N			023	RCVDT05N	13-152	CP										023		
											SPARE			411	SPARE						GRD13152			024	GRD13152	13-152	CP										024		
											TXDT02P			500	TXDT02P	13-152	CP				SPARE			113	SPARE												113		
											TXCK02P			501	TXCK02P	13-152	CP				GRD13152			114	GRD13152	13-152	CP											114	
											SAK02P			502	SAK02P	13-152	CP				TXDT05P			115	TXDT05P	13-152	CP											115	
											RCVSV02P			503	RCVSV02P	13-152	CP				TXCK05P			116	TXCK05P	13-152	CP											116	
											RCVDT02P			504	RCVDT02P	13-152	CP				SAK05P			117	SAK05P	13-152	CP											117	
											RCVCK02P			505	RCVCK02P	13-152	CP				RCVSV05P			118	RCVSV05P	13-152	CP											118	
											GRD13152			506	GRD13152	13-152	CP				RCVDT05P			119	RCVDT05P	13-152	CP											119	
											GRD13152			507	GRD13152	13-152	CP				SAK05P			120	SAK05P	13-152	CP											120	
											GRD13152			508	GRD13152	13-152	CP																						

CAD 11

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....806									
TO PROC SYS DKT GRD13152	032			JACK/CP (982AE)					
TXDT06M	033			GRD13152 13-152	CP	508			
TXCK06M	034			TXDT06M 13-152	CP	033			
SAK06M	035			SAK06M 13-152	CP	034			
RCVSV06M	036			RCVSV06M 13-152	CP	035			
RCVDT06M	037			RCVDT06M 13-152	CP	036			
RCVCK06M	038			RCVCK06M 13-152	CP	037			
GRD13152	039			GRD13152 13-152	CP	038			
SPARE	040			GRD13152 13-152	CP	508			
PRES1B	041								
GRD13152	042								
TXDT06P	132			PRES1B 13-152	CP	043			
TXCK06P	133			GRD13152 13-152	CP	508			
SAK06P	134			TXDT06P 13-152	CP	133			
RCVSV06P	135			TXCK06P 13-152	CP	134			
RCVDT06P	136			SAK06P 13-152	CP	135			
RCVCK06P	137			RCVSV06P 13-152	CP	136			
GRD13152	138			RCVDT06P 13-152	CP	137			
SPARE	139			RCVCK06P 13-152	CP	138			
PRES0B	140			GRD13152 13-152	CP	508			
SPARE	141								
SPARE	142								
SPARE	143			PRES0B 13-152	CP	143			
.....807									
TO PROC SYS DKT SPARE	045			JACK/CP (982AE)					
SPARE	046								
SPARE	047								
GRD13152	048			GRD13152 13-152	CP	508			
TXDT07M	049			GRD13152 13-152	CP	508			
TXCK07M	050			TXDT07M 13-152	CP	050			
SAK07M	051			TXCK07M 13-152	CP	051			
RCVSV07M	052			SAK07M 13-152	CP	052			
RCVDT07M	053			RCVSV07M 13-152	CP	053			
RCVCK07M	054			RCVDT07M 13-152	CP	054			
GRD13152	055			RCVCK07M 13-152	CP	055			
SPARE	056			GRD13152 13-152	CP	508			
SPARE	145								
SPARE	146								
SPARE	147								
GRD13152	148			GRD13152 13-152	CP	508			
TXDT07P	149			GRD13152 13-152	CP	508			
TXCK07P	150			TXDT07P 13-152	CP	150			
SAK07P	151			TXCK07P 13-152	CP	151			
RCVSV07P	152			SAK07P 13-152	CP	152			
RCVDT07P	153			RCVSV07P 13-152	CP	153			
RCVCK07P	154			RCVDT07P 13-152	CP	154			
GRD13152	155			RCVCK07P 13-152	CP	155			
GRD13152	156			GRD13152 13-152	CP	508			

CAD 12

DSCH CABLES

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....J5									
TO PROC SYS DKT GRD04154	006			JACK/CP (982AC)					
XCLK0M	007			GRD04154 04-154	CP	006			
CLK0M	008			XCLK0M 04-154	CP	007			
DAL0BM	009			CLK0M 04-154	CP	008			
DAH0BP	010			DAL0BM 04-154	CP	009			
REG0BM	011			DAH0BP 04-154	CP	010			
XCLK0P	106			REG0BM 04-154	CP	011			
CLK0P	107			XCLK0P 04-154	CP	106			
DAL0BP	108			CLK0P 04-154	CP	107			
DAH0BP	109			DAL0BP 04-154	CP	108			
REG0BP	110			DAH0BP 04-154	CP	109			
GRD04154	111			REG0BP 04-154	CP	110			
				GRD04154 04-154	CP	006			

CAD 12

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....J6									
TO PROC SYS DKT GRD13146	006			JACK/CP (982AC)					
11CLK00M	007			GRD13146 13-146	CP	204			
11XCK00M	008			11CLK00M 13-146	CP	007			
11DAL00M	009			11XCK00M 13-146	CP	008			
11DAH00M	010			11DAL00M 13-146	CP	009			
11REG00M	011			11DAH00M 13-146	CP	010			
11CLK00P	106			11REG00M 13-146	CP	011			
11XCK00P	107			11CLK00P 13-146	CP	106			
11DAL00P	108			11XCK00P 13-146	CP	107			
11DAH00P	109			11DAL00P 13-146	CP	108			
11REG00P	110			11DAH00P 13-146	CP	109			
GRD13146	111			11REG00P 13-146	CP	110			
				GRD13146 13-146	CP	204			
.....J7									
TO PROC SYS DKT GRD13146	206			JACK/CP (982AC)					
11CLK00M	207			GRD13146 13-146	CP	204			
11XCK00M	208			11CLK00M 13-146	CP	207			
11DAL00M	209			11XCK00M 13-146	CP	208			
11DAH00M	210			11DAL00M 13-146	CP	209			
11REG00M	211			11DAH00M 13-146	CP	210			
11CLK00P	306			11REG00M 13-146	CP	211			
11XCK00P	307			11CLK00P 13-146	CP	306			
11DAL00P	308			11XCK00P 13-146	CP	307			
11DAH00P	309			11DAL00P 13-146	CP	308			
11REG00P	310			11DAH00P 13-146	CP	309			
GRD13146	311			11REG00P 13-146	CP	310			
				GRD13146 13-146	CP	204			
.....J8									
TO PROC SYS DKT GRD04154	206			JACK/CP (982AC)					
XCLK1N	207			GRD04154 04-154	CP	006			
CLK1N	208			XCLK1N 04-154	CP	207			
DAL1BN	209			CLK1N 04-154	CP	208			
DAH1BP	210			DAL1BN 04-154	CP	209			
REG1BN	211			DAH1BP 04-154	CP	210			
XCLK1P	306			REG1BN 04-154	CP	211			
CLK1P	307			XCLK1P 04-154	CP	306			
DAL1BP	308			CLK1P 04-154	CP	307			
DAH1BP	309			DAL1BP 04-154	CP	308			
REG1BP	310			DAH1BP 04-154	CP	309			
GRD04154	311			REG1BP 04-154	CP	310			
				GRD04154 04-154	CP	006			

CAD 13

ALARM AND COOLING UNIT START (38200)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....J1									
TO PROC SYS DKT PAR	209			JACK/CP (982AA)					
MJR	210			PAR 04-178	CP	209		(X)	
STA20	211			MJR 04-178	CP	210		(X)	
PA	309			STA20 04-178	CP	211		(X)	
MJ	310			PA 04-178	CP	309		(X)	
INITD00	311			MJ 04-178	CP	310		(X)	
				INITD00 04-178	CP	311		(X)	

CAD 14

ALARM CABLE IN (38200)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....J1									
TO PROC SYS DKT PAR	219			JACK/CP (982AA)					
SPARE	220			PAR 04-178	CP	209		(X)	
MJR	221			MJR 04-178	CP	210		(X)	
PA	319			PA 04-178	CP	309		(X)	
SPARE	320								
MJ	321			MJ 04-178	CP	310		(X)	

CAD 15

ALARM CABLE OUT (38200)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....J1									
TO PROC SYS DKT PAR	216			JACK/CP (982AA)					
SPARE	217			PAR 04-178	CP	209		(X)	
MJR	218			MJR 04-178	CP	210		(X)	
PA	316			PA 04-178	CP	309		(X)	
SPARE	317								
MJ	318			MJ 04-178	CP	310		(X)	

CAD 16

SCAN/SD CABLE OUT (38200)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....J1									
TO PROC SYS DKT IO05N	206			JACK/CP (982AB)					
IRQIPN	207			IO05N 04-162	CP	206			
ISCPN	208			IRQIPN 04-162	CP	207			
ISDN	209			ISCPN 04-162	CP	208			
IO05P	306			ISDN 04-162	CP	209			
IRQIPP	307			IO05P 04-162	CP	306			
ISCP	308			IRQIPP 04-162	CP	307			
ISDP	309			ISCP 04-162	CP	308			
				ISDP 04-162	CP	309			

SEE PROPRIETARY NOTICE ON COVER SHEET

10 PROCESSOR AND DFC CONTROLLER UNIT		DWG SIZE	ISSUE
		C2	4B
AT&T BELL LABORATORIES	SD-4C115-01	GB7	