

DRAWING DIRECTORY

CUSTOMER PRINT SET INDEX

THIS IS PRINT SET

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[illegible][illegible][illegible]

THIS IS PRINT SET

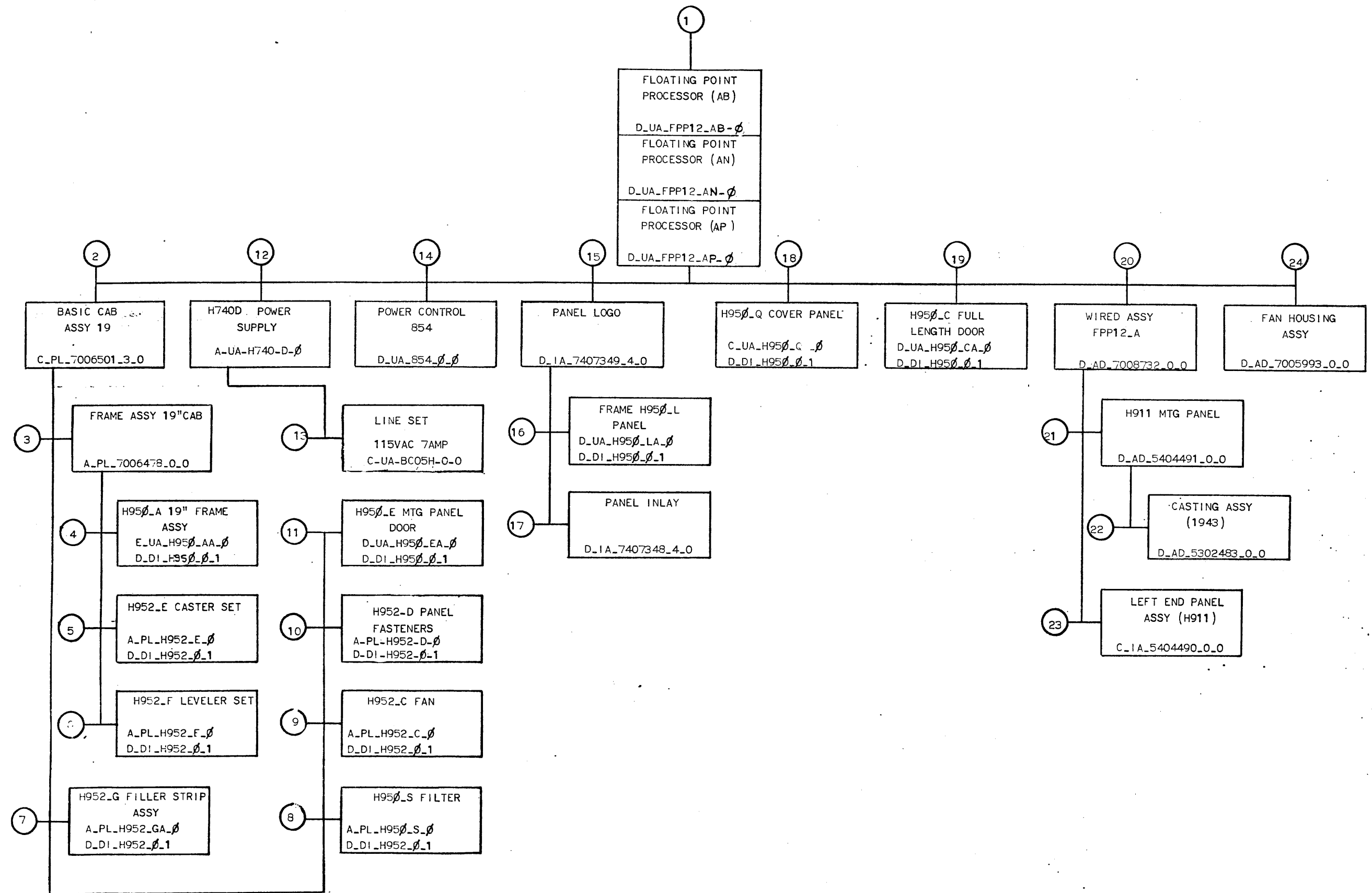
SEQUENCE

FLOATING POINT PROCESSOR	D-UA-FPP12-A-Ø
FLOATING POINT PROCESSOR	A-PL-FPP12-A-Ø
ENGINEERING SPECIFICATIONS	A-SP-FPP12-A-5
CHECKOUT PROCEDURE	A-SP-FPP12-A-6
ACCEPTANCE PROCEDURE	A-SP-FPP12-A-7
WIRE LIST	K-WL-FPP12-A-04
LINE SET 115VAC 7AMP	C-UA-BCØ5H-Ø-Ø

PRINT SET TYPE

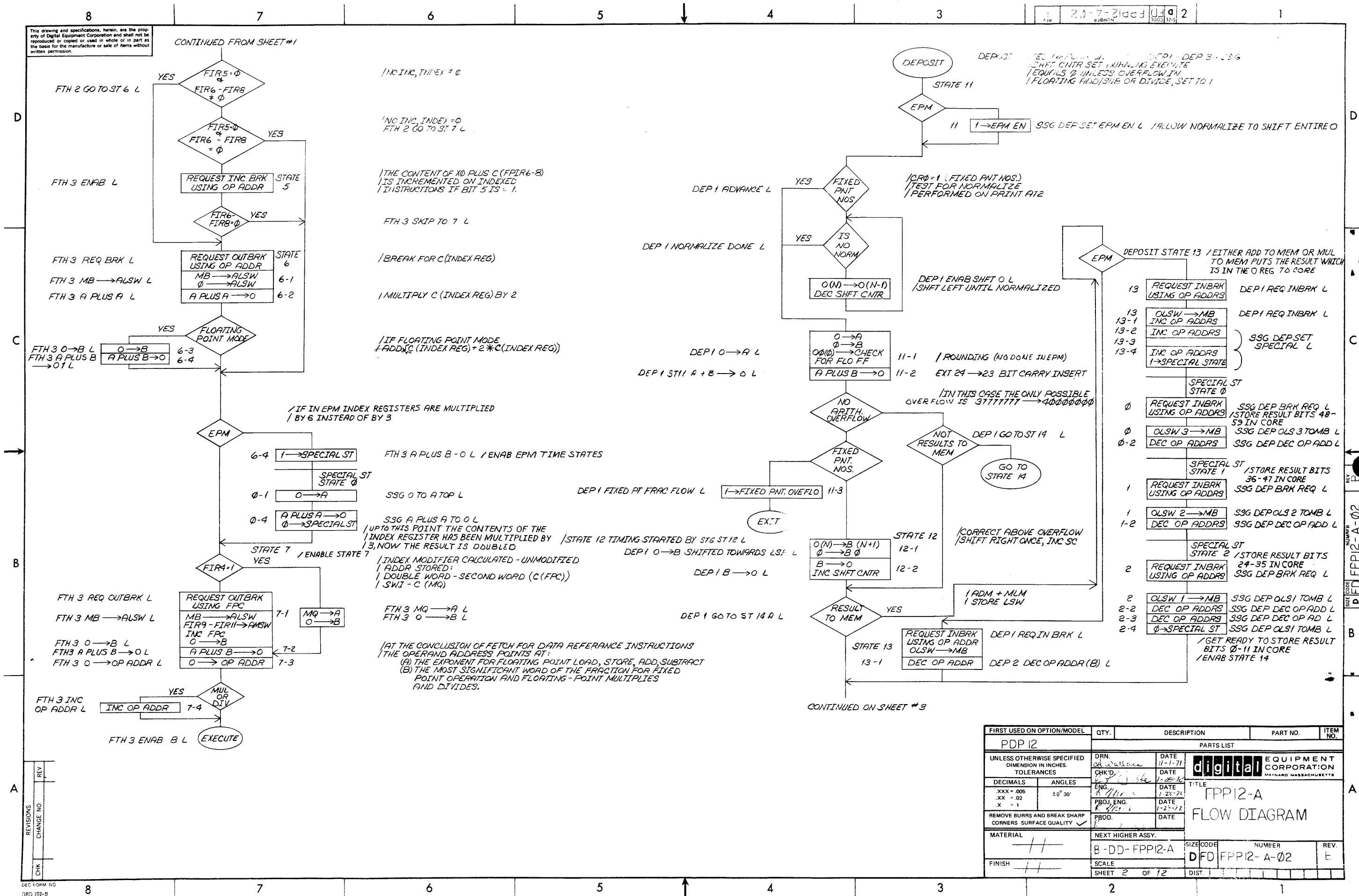
TITLE

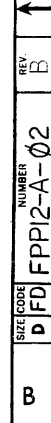
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TITLE	SIZE	CODE	NUMBER	REV
DRAWING DIRECTORY (FPP12_A)	B	DD	FPP12_A	E

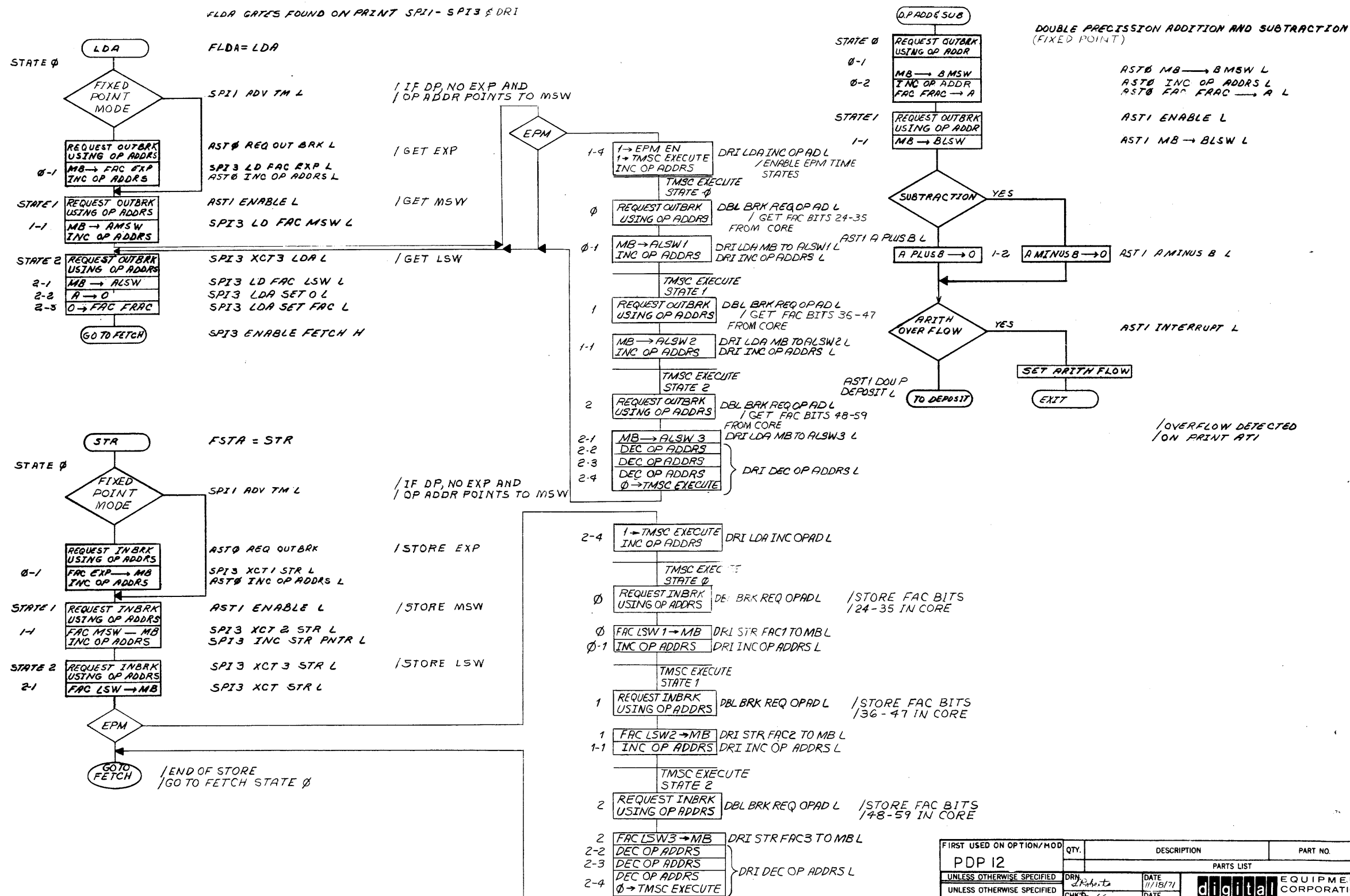
CUSTOMER PRINT SET					DEPT SET	ELECTRICAL					CUSTOMER PRINT SET					DEPT SET	ELECTRICAL						
FPP12_A						FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO.	FPP12_A						FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO.
												X							*	2	MULTIPLIER QUOTIENT REGISTER 1		
X						1	D_FD_FPP12_A_02	B	12	FLOW DIARGAM (FPP12_A)		X							*	1	MULTIPLEXER ENABLES (EXTENDED MODE)		
X							D_BS_FPP12_A_ADEN	*	1	ADDER ENABLES (EXTENDED MODE)		X							*	1	REGISTER GATING 1		
X							D_BS_FPP12_A_ALS1	*	1	ADDER_LSW1		X							*	1	REGISTER GATING 2		
X							D_BS_FPP12_A_ACS2	*	1	ADDER_LSW2		X							*	1	REGISTER GATING 3		
X							D_BS_FPP12_A_ALS3	*	1	ADDER_LSW3		X							*	1	REGISTER GATING 4		
X							D_BS_FPP12_A_ALSW	*	1	ADDER_LSW		X							*	1	REGISTER GATING 5		
X							D_BS_FPP12_A_AMLA	*	1	ADDER MULT AND LOOK AHEAD LOGIC		X							*	1	REGISTER GATING 6 (ENABLES FORM190)		
X							D_BS_FPP12_A_AMSW	*	1	ADDER_MSW		X							*	1	MULTIPLEXER ENABLES 1		
X							D_BS_FPP12_A_ARS1	*	1	EXIT		X							*	1	MULTIPLEXER ENABLES 2		
X							D_BS_FPP12_A_ARS2	*	1	INITIATE		X							*	1	MULTIPLEXER ENABLES 3		
X							D_BS_FPP12_A_AST0	*	1	ARITHMETIC STATE ZERO		X							*	1	MULTIPLEXER ENABLES 4		
X							D_BS_FPP12_A_AST1	*	1	ARITHMETIC STATE ONE		X							*	2	SPECIAL GATING AND BUFFERING		
X							D_BS_FPP12_A_AST2	*	1	ARITHMETIC STATE TWO		X							A	1	SPECIAL INSTRUCTIONS 1		
X							D_BS_FPP12_A_AST3	*	1	ARITHMETIC STATE THREE		X							*	1	SPECIAL INSTRUCTIONS 2		
X							D_BS_FPP12_A_AT1	*	1	ARITHMETIC TESTS 1		X							*	2	SPECIAL INSTRUCTIONS 3		
X							D_BS_FPP12_A_AT2	A	1	ARITHMETIC TESTS 2		X							*	1	SPECIAL STATE GATING (EXTENDED MODE)		
X							D_BS_FPP12_A_ATLS	*	1	ARITHMETIC TESTS LSWS (EXTENDED MODE)		X							*	2	STATE GEN		
X							D_BS_FPP12_A_CAR1	*	1	COUNTERS AND REGISTERS 1		X							*	2	STATE GEN		
X							D_BS_FPP12_A_CAR2	*	1	COUNTERS AND REGISTERS 2		X							*	1	STATE GENERATOR JUMPS		
X							D_BS_FPP12_A_CAR3	*	1	COUNTERS AND REGISTERS 3		X							*	1	TIMING AND STATE CONTROL (EXTENDED MODE)		
X							D_BS_FPP12_A_CAR4	*	1	COUNTERS AND REGISTERS 4		X							C	6	MODULE UTILIZATION (FPP12_A)		
X							D_BS_FPP12_A_CAR5	*	1	COUNTERS AND REGISTERS 5		X							C	2	MODULE UTILIZATION (FPP12_A) (PL)		
X							D_BS_FPP12_A_CAR6	*	1	COUNTERS AND REGISTERS 6 (SHIFT C)		X							*	1	I/O CONNECTORS		
X							D_BS_FPP12_A_CAR7	*	1	INSTRUCTION REGISTER							X	1	*	35	ENGINEERING SPECIFICATIONS		
X							D_BS_FPP12_A_CAR8	*	1	COMMAND AND STATUS REGISTER							X	1	*	8	PRODUCTION CHECKOUT PROCEDURE		
X							D_BS_FPP12_A_C11	A	2	COMPUTER INTERFACE 1							X	1	*	5	ACCEPTANCE PROCEDURE		
X							D_BS_FPP12_A_C12	*	2	MAINTENANCE IOT CONTROL		X						1	*	1	SOFTWARE LIST		
X							D_BS_FPP12_A_C13	*	1	IOT CONTROL		X						12	##			CIRCUIT SCHEMATIC (H740D)	
X							D_BS_FPP12_A_CNR	*	1	MAJOR STATE CONTROL													
X							D_BS_FPP12_A_DBC1	B	1	DATA BRK CONTROL 1		X						13	##			LINE SET 115 VAC 7AMP	
X							D_BS_FPP12_A_DBC 2	B	2	DATA BREAK ADD MUX													
X							D_BS_FPP12_A_DBC3	A	2	DATA MUX													
X							D_BS_FPP12_A_DBL	*	1	DATA BREAK LOGIC (EXTENDED MODE)		X						14	##			POWER CONTROL (854)	
X							D_BS_FPP12_A_DEP1	*	1	DEPOSIT RESULTS 1													
X							D_BS_FPP12_A_DEP2	*	1	DEPOSIT RESULTS 2													
X							D_BS_FPP12_A_DEP3	*	1	DEPOSIT RESULTS 3													
X							D_BS_FPP12_A_DR1	*	1	DATA REFERENCE INSTRUCTIONS (EXTENDED MODE)		X						20	A	3		WIRED ASSY (FPP12_A)	
X							D_BS_FPP12_A_EAC1	*	1	EXTENDED ACCUMULATOR LSW1													
X							D_BS_FPP12_A_EAC2	*	1	EXTENDED ACCUMULATOR LSW2													
X							D_BS_FPP12_A_EXT	*	2	ADDER EXT & LOOK AHEAD LOGIC													
X							D_BS_FPP12_A_FTH1	*	1	FETCH 1													
X							D_BS_FPP12_A_FTH2	*	1	FETCH 2													
X							D_BS_FPP12_A_FTH3	*	1	FETCH 3													
X							D_BS_FPP12_A_ID1	*	1	INSTRUCTIONS DECODER 1													
X							D_BS_FPP12_A_ID2	*	1	INSTRUCTIONS DECODER 2													
X							D_BS_FPP12_A_MLS	*	1	MULTIPLEXER LEAST SIG													
X							D_BS_FPP12_A_MLS1	*	1	MULTIPLEXER LEAST SIG WORD 1													
X							D_BS_FPP12_A_MLS2	*	1	MULTIPLEXER LEAST SIG WORD 2													
X							D_BS_FPP12_A_MLS3	*	1	MULTIPLEXER LEAST SIG WORD 3													
X							D_BS_FPP12_A_MLSW	*	2	MULTIPLEXER LEAST SIG WORD													
X							D_BS_FPP12_A_MMSW	*	2	MULTIPLEXER MOST SIG WORD													
X							D_BS_FPP12_A_MQ	*	1	MULTIPLIER QUOTIENT													
X							D_BS_FPP12_A_MQG	*	1	MULTIPLIER QUOTIENT GATING													
TITLE												DRAWING DIRECTORY (FPP12_A)				SHEET 4 OF 6		SIZE	CODE	NUMBER		REV	
																		B	DD	FPP12_A		E	





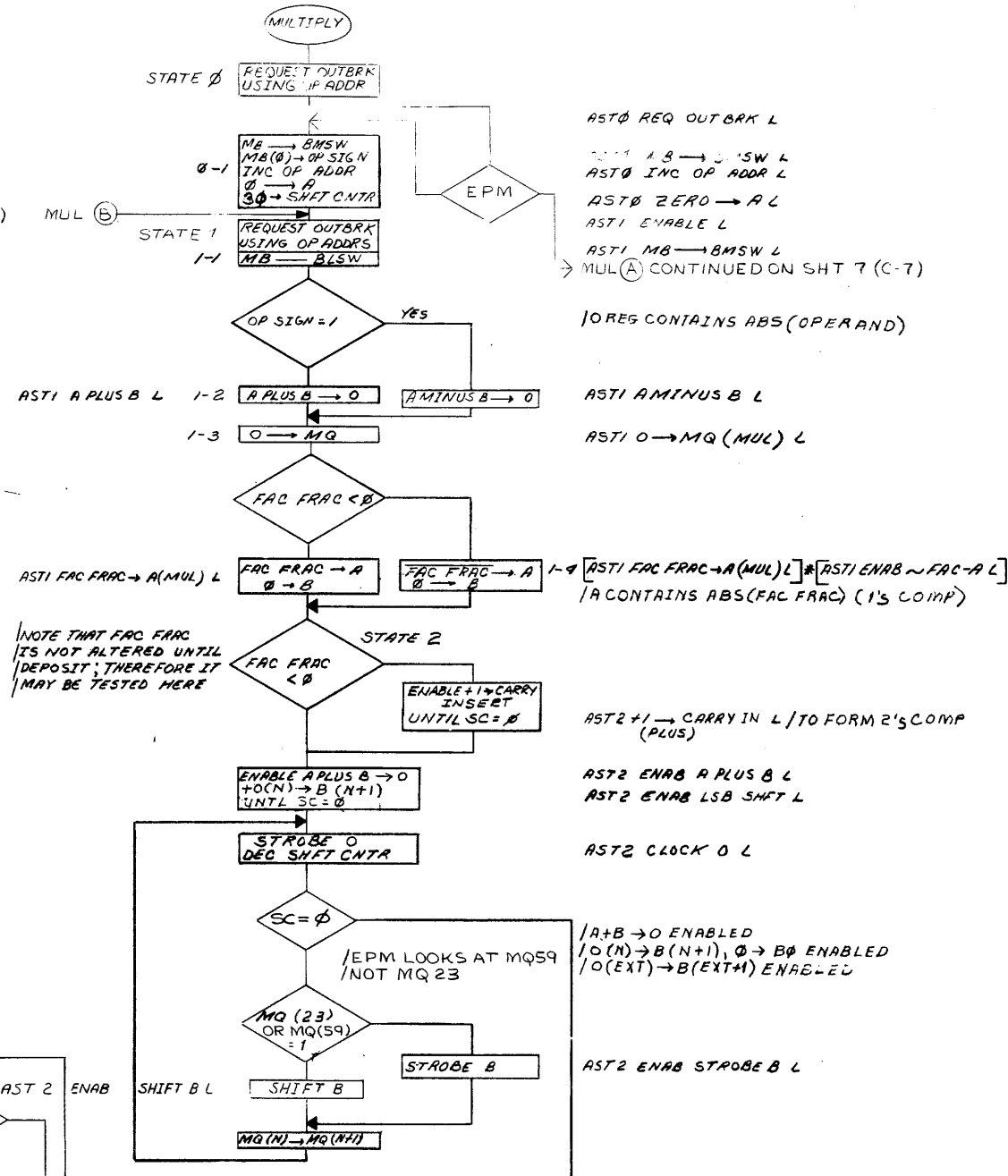
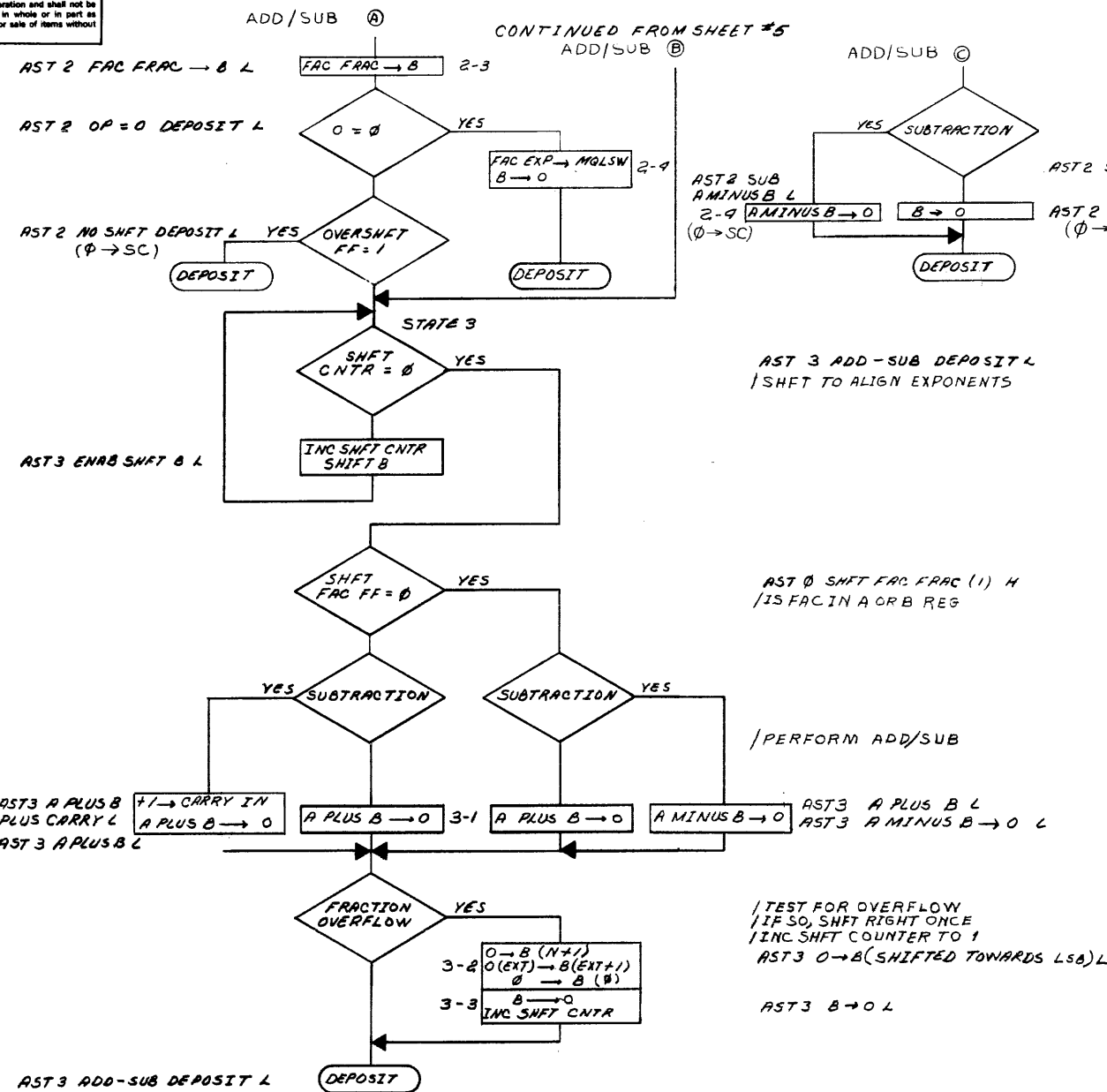
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PDP12		PARTS LIST					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES		DRN. <i>see M. Wallace</i>	DATE 10-9-71	 DIGITAL EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS			
		CHK'D <i>see Wallace</i>	DATE 1-28-72				
DECIMALS ANGLES		ENG. <i>see Wallace</i>	DATE 1-20-72				
XXX = .005 XX = .02 .X = .1	± 0° 30'	PROJ. ENG. <i>see Wallace</i>	DATE 1-28-72				
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓		PROD. <i>see Wallace</i>	DATE				
MATERIAL 11		NEXT HIGHER ASSY.		TITLE FPP12-A FLOW DIAGRAM			
B-DD-FPP12-A		SIZE CODE				NUMBER	REV.
FINISH 11		D FD				FPP12-A-Ø2	B
SHEET 3 OF 12		SCALE					
		DIST.					

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FIRST USED ON OPTION/MOD		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP 12					
UNLESS OTHERWISE SPECIFIED		DRN	DATE	PARTS LIST	
UNLESS OTHERWISE SPECIFIED		CHKD	DATE	digital EQUIPMENT CORPORATION	
DIMENSION IN INCHES		ENG	DATE	MAYNARD MASSACHUSETTS	
TOLERANCES		PROJ. ENG.	DATE	TITLE	
DECIMALS FRACTIONS ANGLES		PROD	DATE	FPP 12-A	
= .005 = 1/64 = 0°30'				FLOW DIAGRAM	
FINAL SURFACE QUALITY				SIZE/CODE	
REMOVE BURRS AND BREAK SHARP CORNERS				NUMBER	
MATERIAL				REV.	
FINISH				SCALE	
				SHEET	
				DIST.	

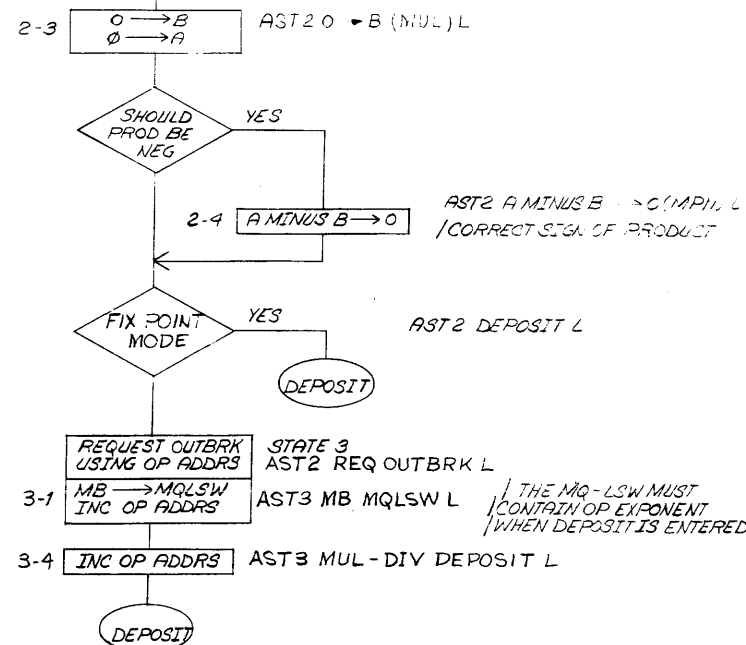
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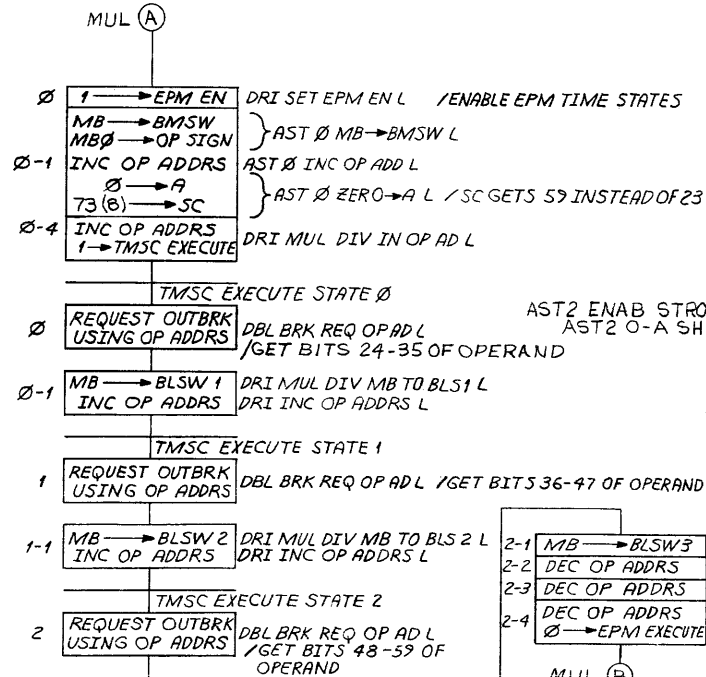
FIRST USED ON OPTION/ MOD		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP 12					
UNLESS OTHERWISE SPECIFIED		DRN	DATE	PARTS LIST	
UNLESS OTHERWISE SPECIFIED		CHK	DATE	digital EQUIPMENT CORPORATION	
DIMENSION IN INCHES		ENG	DATE	MAYNARD, MASSACHUSETTS	
TOLERANCES		PROJ	DATE	TITLE	
DECIMALS FRACTIONS ANGLES		PROD	DATE	FPPI2-A	
= .005 = 1/64 = 0° 30'			DATE	FLOW DIAGRAM	
FINAL SURFACE QUALITY			DATE	SIZE/ CODE	
REMOVE BURRS AND BREAK SHARP CORNERS			DATE	NUMBER	
MATERIAL			DATE	REV	
NEXT HIGHER ASSY			DATE	B	
B-DD-FPPI2-A			DATE	SHEET	
FINISH			DATE	6 OF 12	
			DATE	DIST.	

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CONTINUED FROM SHEET #6



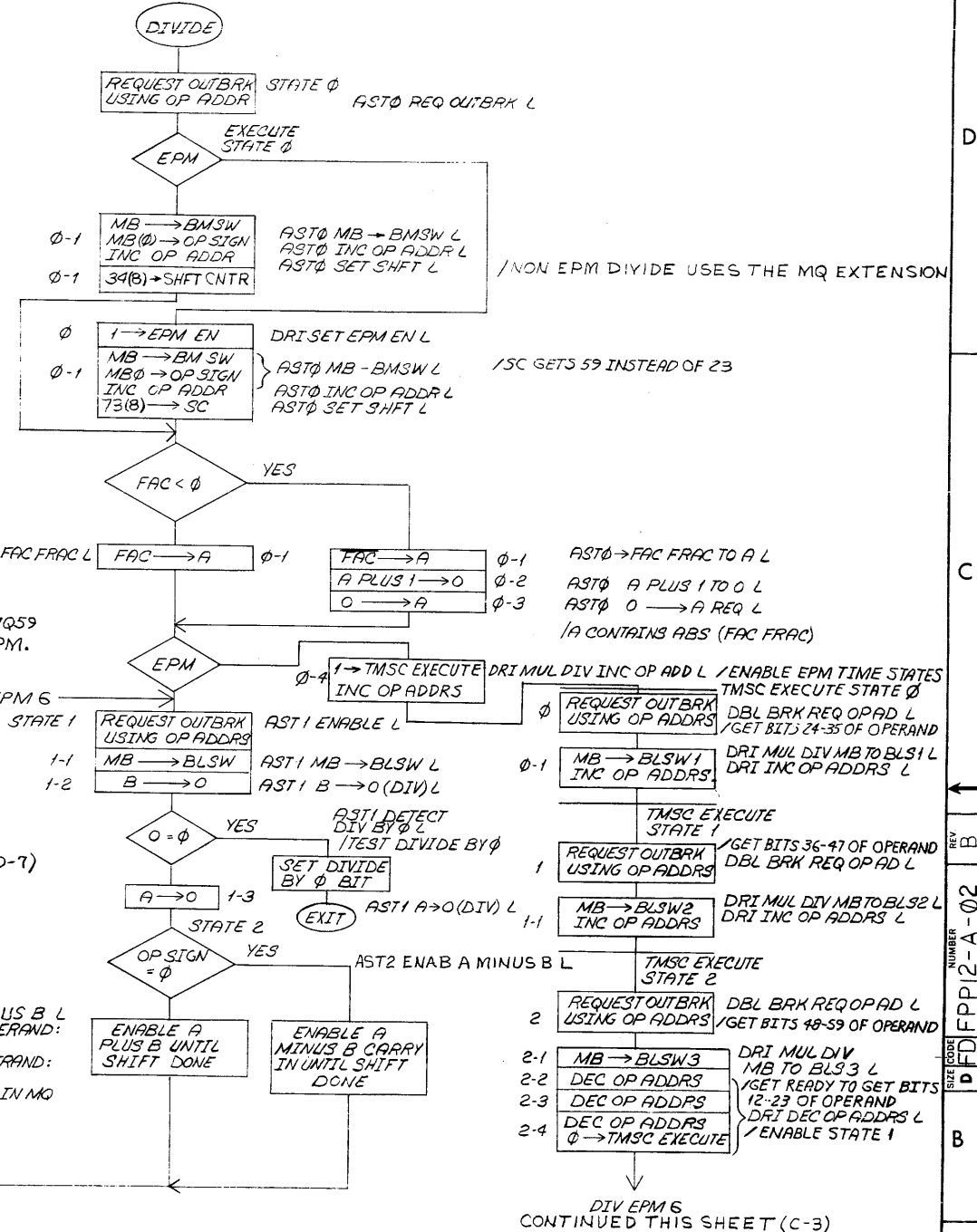
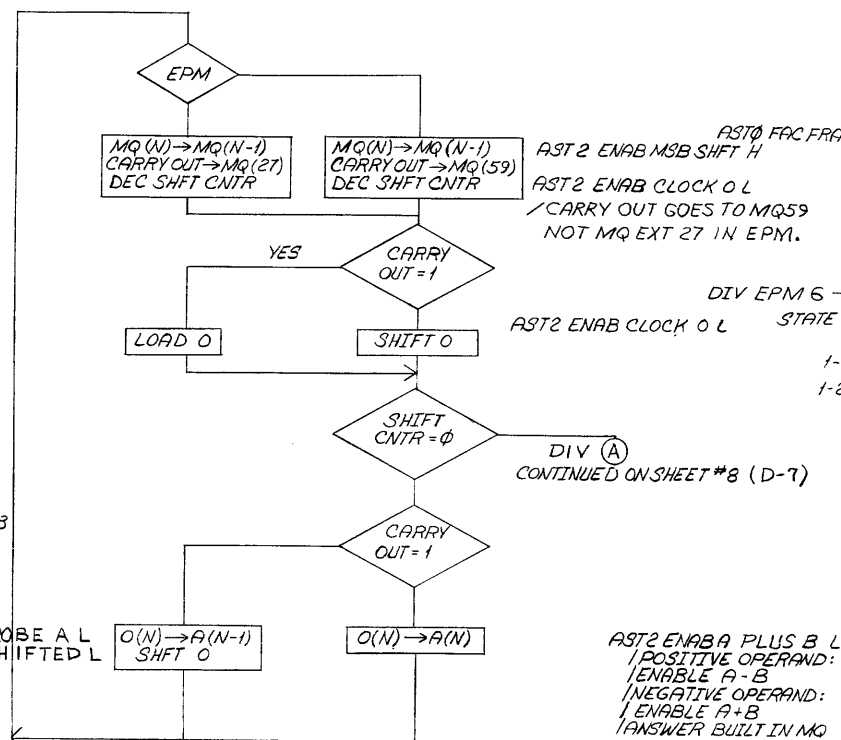
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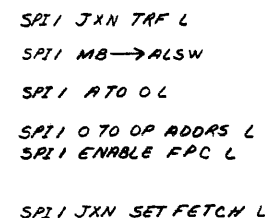
MUL (B)
CONTINUED ON SHEET #6 (D-3)

2-1 $MB \rightarrow BLSW 3$ DRI MUL DIV MB TO BLS3 L
2-2 DEC OP ADDRS
2-3 DEC OP ADDRS
2-4 DEC OP ADDRS
0 $\rightarrow EPM \text{ EXECUTE}$ /GET READY TO GET BITS 12-23 OF OPERAND /ENAB STATE 1

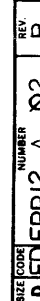
IN DIVISION THE FAC
/FAC STARTS IN THE A-REG.
/THE OPERAND FRACTION
/END UP IN THE B-REG.
/THE QUOTIENT
/TEMPORARILY ENDS
/UP IN THE MQ PRIOR
/TO DEPOSIT THE
/QUOTIENT IS
/PLACED IN THE O-REG.
/AND THE OPERAND
/EXPONENTS ENDS UP
/IN THE MQ-LSW

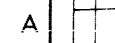
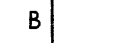
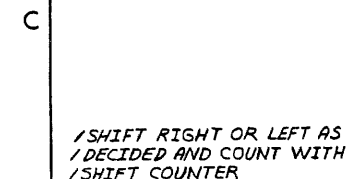


FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP12				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES	DRN.	DATE	digital EQUIPMENT CORPORATION NATURAL MASSACHUSETTS	
DECIMALS	CHK'D.	DATE		
ANGLES	ENG.	DATE		
XXX = .005 .XX = .02 .X = .1	PROJ. ENG.	DATE		
REMOVE BURRS AND BREAK SHARP CORNERS. SURFACE QUALITY	PROD.	DATE		
MATERIAL	NEXT HIGHER ASSY.		TITLE	
FINISH	B-DD-FPPI2-A		FPPI2-A FLOW DIAGRAM	
SCALE		SIZE CODE	NUMBER	REV.
SHEET 7 OF 12		D	FD FPPI2-A-02	B



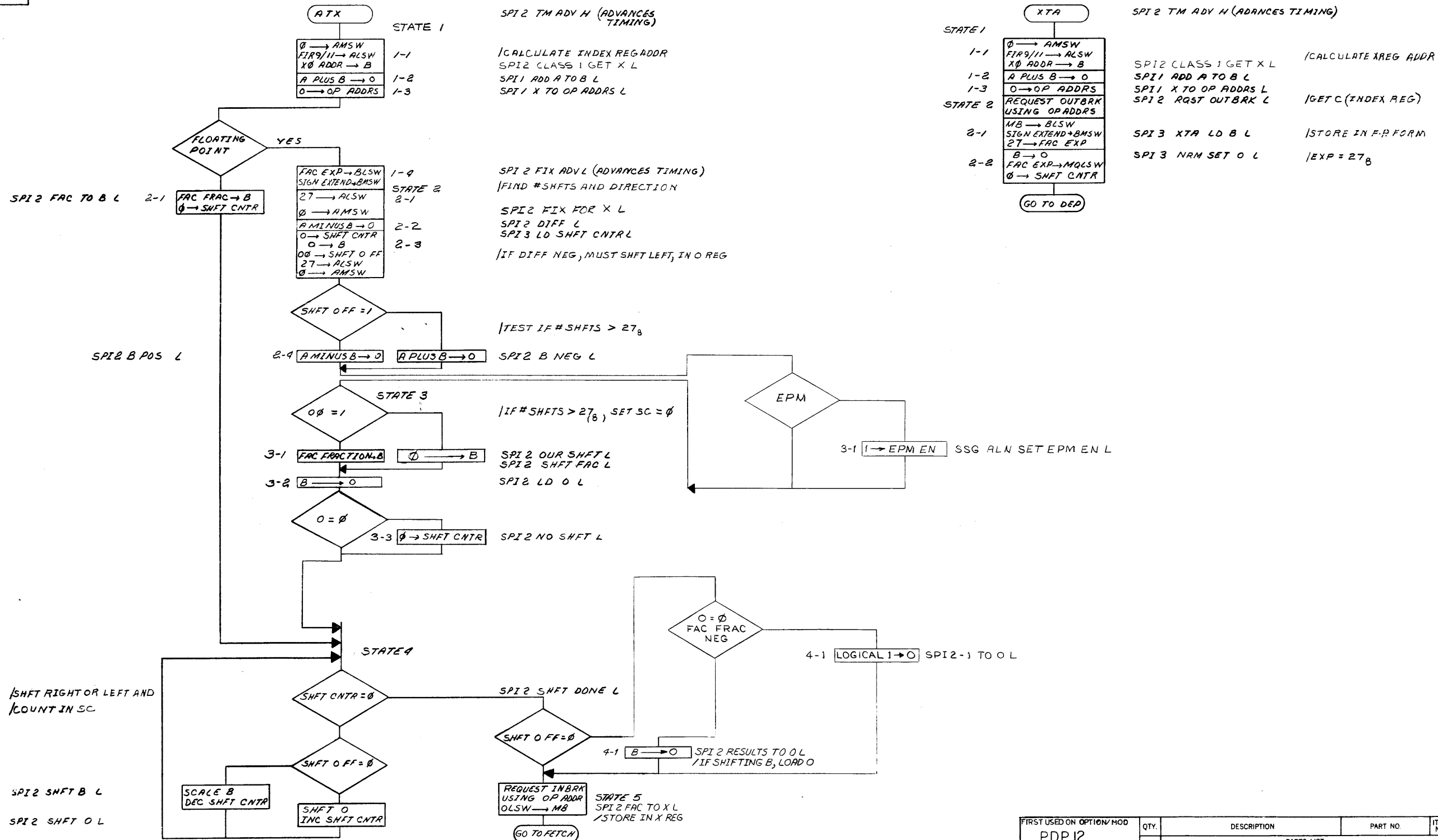
FIRST USED ON OPTION MOD.		QTY.		DESCRIPTION		PART NO.		ITEM	
PDP 12									
UNLESS OTHERWISE SPECIFIED		DRM		DATE		digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS TITLE FPP12-A FLOW DIAGRAM			
UNLESS OTHERWISE SPECIFIED		CHKD		DATE					
DIMENSION IN INCHES		ENG		DATE					
TOLERANCES		PROJ. ENG		DATE					
DECIMALS FRACTIONS ANGLES		PROD		DATE					
= .005 ± 1/64 = 0°00'									
FINAL SURFACE QUALITY									
REMOVE BURRS AND BREAK SHARP CORNERS									
MATERIAL									
FINISH									
		NEXT HIGHER ASSY							
		B-DD - FPP12-A							
		SCALE				SIZE CODE		NUMBER	
		SHEET 8 OF 12				D1D		FPP12-A - 02	
						DIST.		REV B	





FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION		PART NO.		ITEM NO.
PDP12		PARTS LIST					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN	DATE	 DIGITAL EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS			
		CHK'D	DATE				
		ENG.	DATE				
		PROJ. ENG.	DATE				
		PROD.	DATE				
DECIMALS	ANGLES	TITLE					
.XXX = .005 .XX = .02 X = .1	± 0° 30'	FPPI2-A					
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓		FLOW DIAGRAM					
MATERIAL		NEXT HIGHER ASSY.		SIZE CODE		NUMBER	REV.
— / —		B-DD-FPPI2-A		D FD		FPPI2-A-02	b
FINISH		SCALE		DIST.			
— / —		SHEET 10 OF 12					

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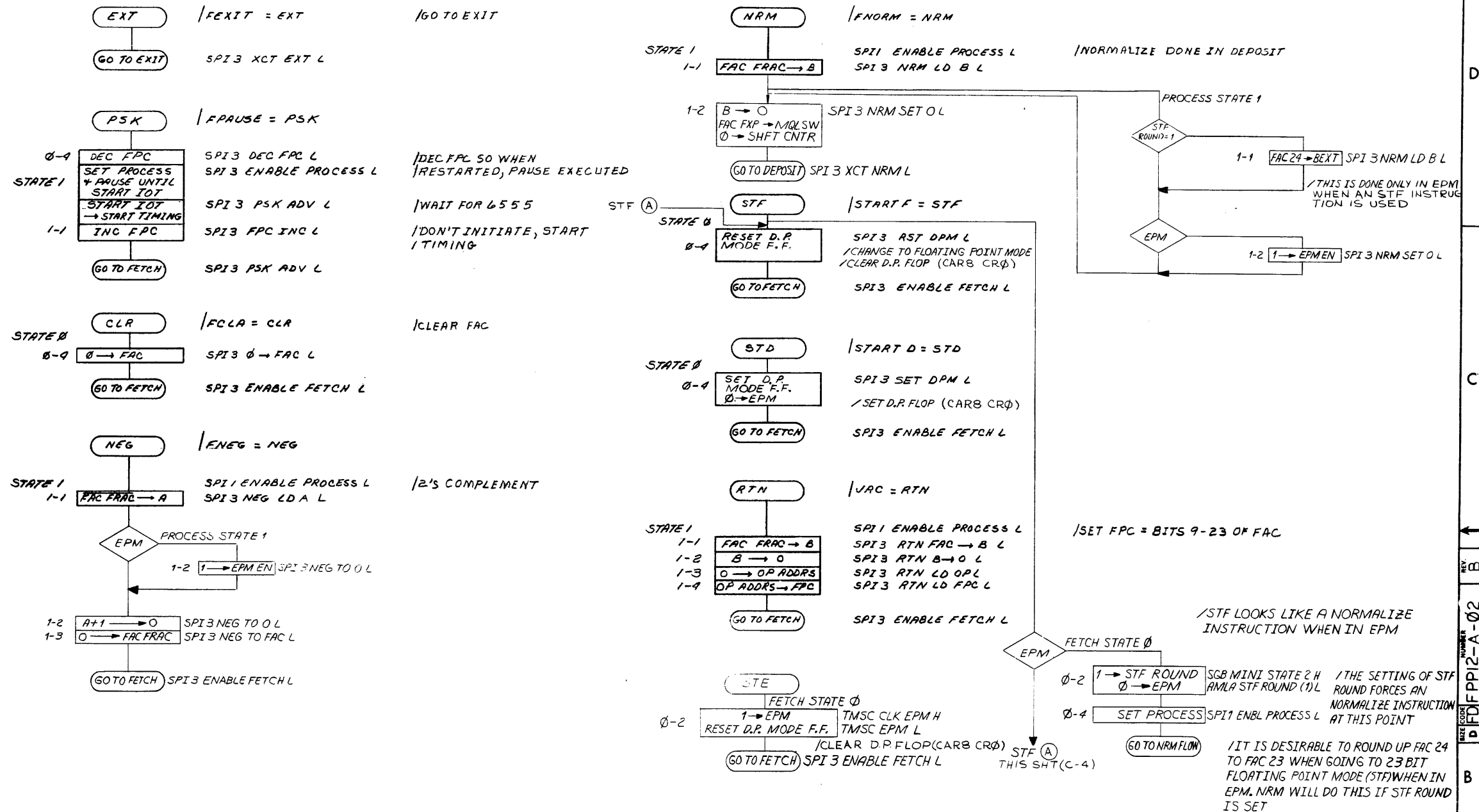
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PDP12				
UNLESS OTHERWISE SPECIFIED	DBM	DATE	PARTS LIST	
UNLESS OTHERWISE SPECIFIED	CHKD	DATE	digital EQUIPMENT CORPORATION	
DIMENSION IN INCHES	ENG	DATE	MAYNARD, MASSACHUSETTS	
TOLERANCES	PROJ. ENG.	DATE	TITLE	
DECIMALS FRACTIONS ANGLES	PROD.	DATE	FPP12-A	
$\pm .005$ $\pm 1/64$ $\pm 0^{\circ}30'$			FLOW DIAGRAM	
FINAL SURFACE QUALITY			NEXT HIGHER ASSY	
REMOVE BURRS AND BREAK SHARP CORNERS			B-DD-FPP12-A	
MATERIAL			SIZE/CODE	NUMBER
			D/FD/FPP12-A-02	REV. B
FINISH			SCALE	
			SHEET 11 OF 12	

REV. B
NUMBER
D/FD/FPP12-A-02
SIZE CODE

B

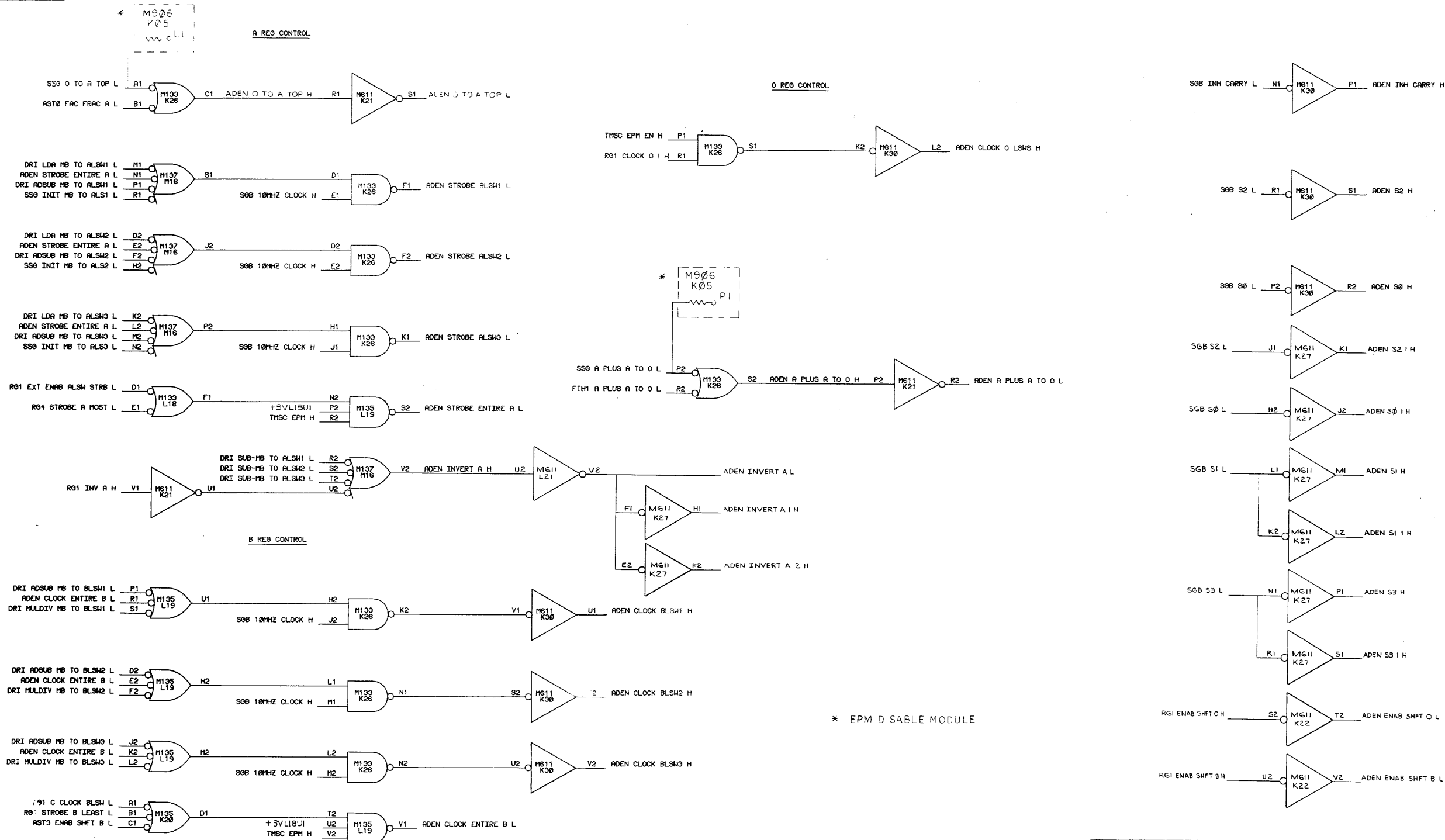
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FIRST USED ON OPTION/MOD.	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP 12				
UNLESS OTHERWISE SPECIFIED	DRN	DATE	11/17/71	
UNLESS OTHERWISE SPECIFIED	CHK'D	DATE	11/17/71	
DIMENSION IN INCHES	ENG	DATE	11/17/71	
TOLERANCES	PRD	DATE	11/17/71	
DECIMALS FRACTIONS ANGLES				
± .005 ± 1/64 ± 0°30'				
FINAL SURFACE QUALITY				
REMOVE BURRS AND BREAK SHARP CORNERS				
MATERIAL	11	NEXT HIGHER ASSY		
FINISH	11			
SCALE	12	OF 12		
SHEET	12	OF 12		
REV.	B			
NUMBER	DFD	FPP12-A-02		
REV.	B			

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REVISIONS		
CHK.	CHANGE NO.	REV.

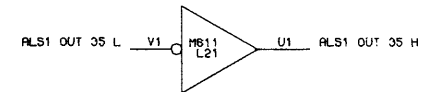
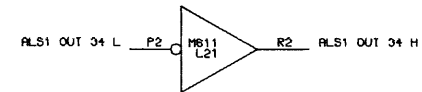
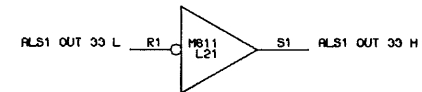
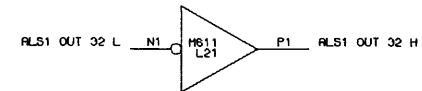
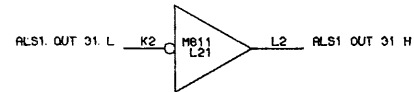
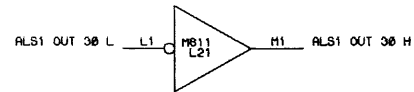
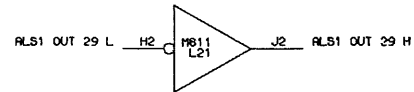
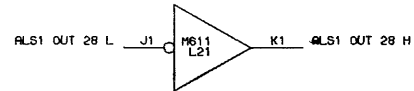
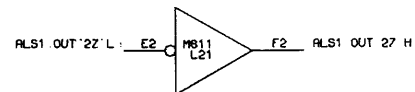
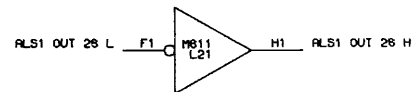
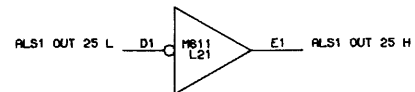
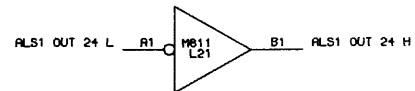
FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP12					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES		DRN. <i>John Rogers</i>	DATE <i>11-30-71</i>	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
DECIMALS		CHK'D <i>B. S. S.</i>	DATE <i>12-27-71</i>		
ANGLES		ENG. <i>K. M. C.</i>	DATE <i>1-27-72</i>	TITLE ADDER ENABLES (EXTENDED MODE)	
.XXX - .006		PROD. ENG. <i>K. M. C.</i>	DATE <i>2-2-72</i>		
.XX - .02		PROD. <i>W. D. S.</i>	DATE <i>1-27-72</i>	SIZE CODE D BS	
.X - .1					
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY				NUMBER FPP12-A-ADEN	
MATERIAL					
FINISH				REV.	
NEXT HIGHER ASSY.					
B-00-FPP12-A				SHEET 1 OF 1	
SCALE NONE					
DIST.					

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MLS1 A 32 L	J1	A3	F8	U2	ALS1 OUT 35 L
MLS1 A 33 L	K1	A2	F1	S2	ALS1 OUT 34 L
MLS1 A 34 L	J2	A1	F2	M1	ALS1 OUT 33 L
MLS1 A 35 L	N1	A0	F3	R2	ALS1 OUT 32 L
MLS1 B 32 L	H2	B3	0	M2	ALS1 OUT 31 L
MLS1 B 33 L	H1	B2	P	P2	ALS1 OUT 30 L
MLS1 B 34 L	F2	B1	CN+4	N2	ALS1 OUT 29 L
MLS1 B 35 L	E2	B0	A-MSB	S1	ALS1 OUT 28 L
ALS1 BREG LS87 L	L2	B SER	1B-LSB	F1	ALS1 BREG LS86 L
ADEN CLOCK BLSH1 H	K2	B CLOCK	COMP	B2	
ADEN ENAB SHFT B L	D2	B LOAD/SHIFT L			
ADEN INVERT A 1 H	P1	A INV			
ADEN STROBE ALSH1 L	U1	A STROBE			
+3 K28U1 H	R1	A CLOCK			
ALS2 OUT 36 L	V2	0 SERIAL			
ADEN CLOCK 0 LSMS H	T2	0 CLOCK			
ADEN ENAB SHFT 0 L	L1	0 LOAD/SHIFT L			
AMLA C4 H	A1	CARRY IN			
ADEN INH CARRY H	V1	INHIBIT			
ADEN S3 1 H	E1	X3			
ADEN S2 1 H	D1	X2			
ADEN S1 1 H	C1	X1			
ADEN S0 1 H	B1	X0			

MLS1 A 28 L	J1	A3	F8	U2	ALS1 OUT 31 L
MLS1 A 29 L	K1	A2	F1	S2	ALS1 OUT 30 L
MLS1 A 30 L	J2	A1	F2	M1	ALS1 OUT 29 L
MLS1 A 31 L	N1	A0	F3	R2	ALS1 OUT 28 L
MLS1 B 28 L	H2	B3	0	M2	ALS1 OUT 27 L
MLS1 B 29 L	H1	B2	P	P2	ALS1 OUT 26 L
MLS1 B 30 L	F2	B1	CN+4	N2	ALS1 OUT 25 L
MLS1 B 31 L	E2	B0	A-MSB	S1	ALS1 OUT 24 L
ALS1 BREG LS88 L	L2	B SER	1B-LSB	F1	ALS1 BREG LS87 L
ADEN CLOCK BLSH1 H	K2	B CLOCK	COMP	B2	
ADEN ENAB SHFT B L	D2	B LOAD/SHIFT L			
ADEN INVERT A 1 H	P1	A INV			
ADEN STROBE ALSH1 L	U1	A STROBE			
+3 K28U1 H	R1	A CLOCK			
ALS1 OUT 32 L	V2	0 SERIAL			
ADEN CLOCK 0 LSMS H	T2	0 CLOCK			
ADEN ENAB SHFT 0 L	L1	0 LOAD/SHIFT L			
AMLA C5 H	A1	CARRY IN			
ADEN INH CARRY H	V1	INHIBIT			
ADEN S3 1 H	E1	X3			
ADEN S2 1 H	D1	X2			
ADEN S1 1 H	C1	X1			
ADEN S0 1 H	B1	X0			

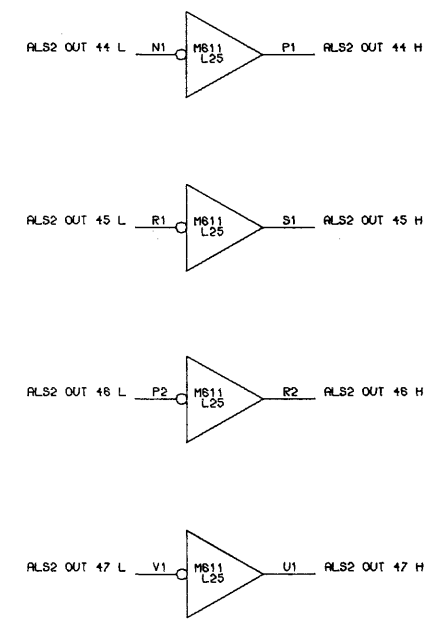
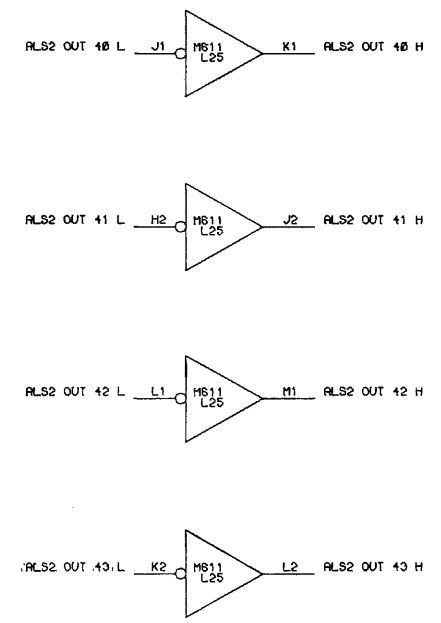
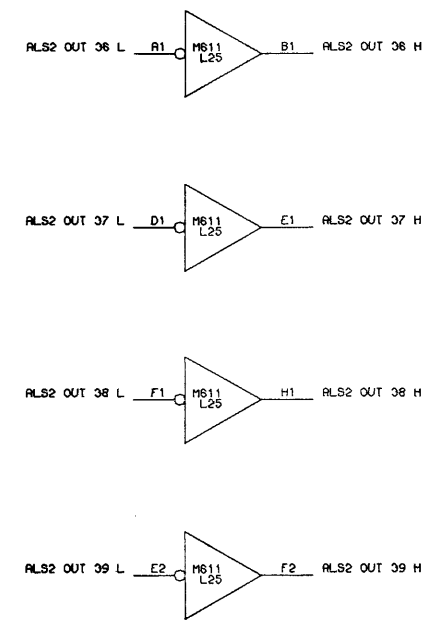
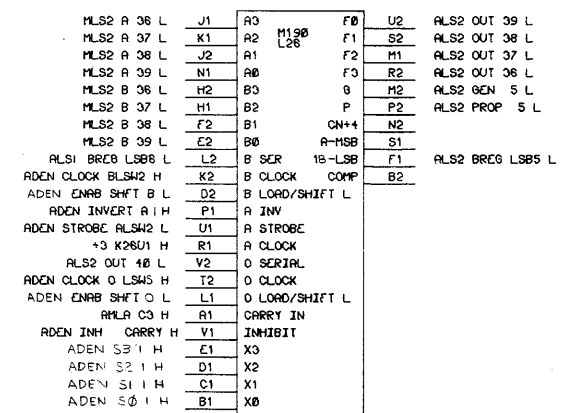
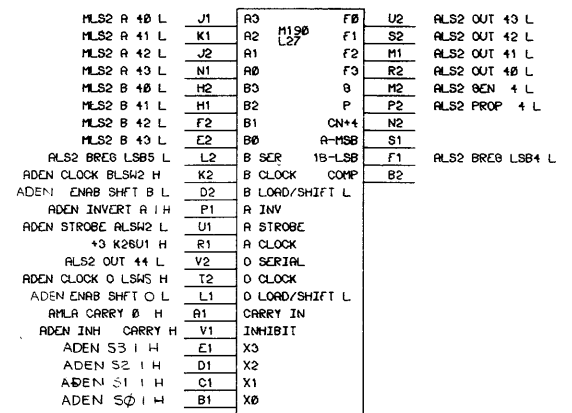
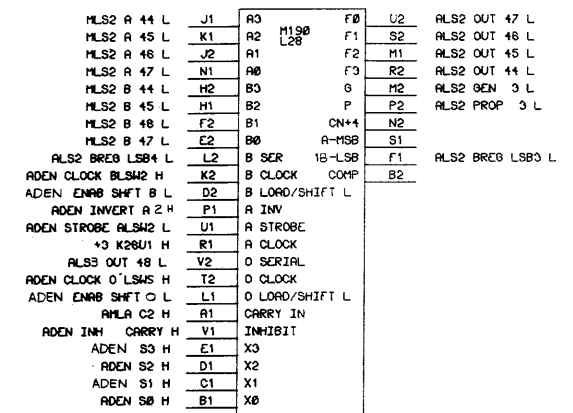
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MLS1 A 25 L	K1	A2	F1	S2	ALS1 OUT 26 L
MLS1 A 26 L	J2	A1	F2	M1	ALS1 OUT 25 L
MLS1 A 27 L	N1	A0	F3	R2	ALS1 OUT 24 L
MLS1 B 24 L	H2	B3	0	M2	ALS1 OUT 23 L
MLS1 B 25 L	H1	B2	P	P2	ALS1 OUT 22 L
MLS1 B 26 L	F2	B1	CN+4	N2	ALS1 OUT 21 L
MLS1 B 27 L	E2	B0	A-MSB	S1	ALS1 OUT 20 L
ALS1 BREG LS89 H	L2	B SER	1B-LSB	F1	ALS1 BREG LS88 L
ADEN CLOCK BLSH1 H	K2	B CLOCK	COMP	B2	
ADEN ENAB SHFT B L	D2	B LOAD/SHIFT L			
ADEN INVERT A 1 H	P1	A INV			
ADEN STROBE ALSH1 L	U1	A STROBE			
+3 K28U1 H	R1	A CLOCK			
ALS1 OUT 28 L	V2	0 SERIAL			
ADEN CLOCK 0 LSMS H	T2	0 CLOCK			
ADEN ENAB SHFT 0 L	L1	0 LOAD/SHIFT L			
AMLA CARRY 1 H	A1	CARRY IN			
ADEN INH CARRY H	V1	INHIBIT			
ADEN S3 1 H	E1	X3			
ADEN S2 1 H	D1	X2			
ADEN S1 1 H	C1	X1			
ADEN S0 1 H	B1	X0			



NOTE: IN LOCATION L21, PINS C1, M2 AND M2 ARE GROUND

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP12				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES	DRN. <i>John Rogers</i> CHK'D. <i>John Rogers</i> ENG. <i>John Rogers</i> PROJ. ENG. <i>John Rogers</i> PROD. <i>John Rogers</i>	DATE 12-6-71 12-6-71 1-21-72 1-21-72 1-21-72	PARTS LIST digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS TITLE ADDER-LSH1	
DECIMALS .XXX = .006 .XX = .02 .X = .1	ANGLES ±0° 30'	REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	MATERIAL — / —	FINISH — / —
		NEXT HIGHER ASSY. B-DD-F PPI2-A	SCALE NONE	SHEET 1 OF 1
		SIZE CODE D BS	NUMBER FPP12-A-ALS1	REV.
		DIST.		

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NOTE: IN LOCATION L25, PINS C1, M2 AND N2 ARE GROUNDED.

REVISIONS		
CHK.	CHANGE NO.	REV.

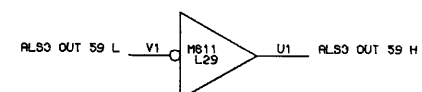
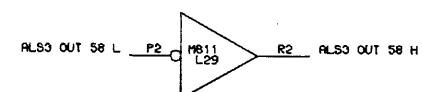
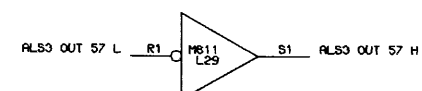
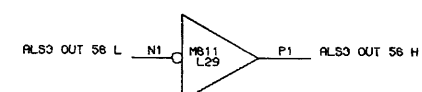
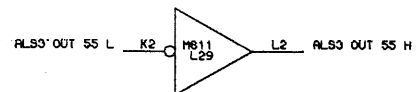
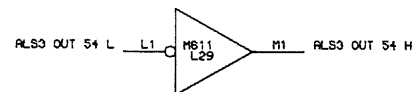
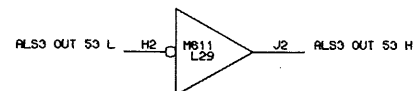
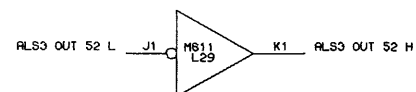
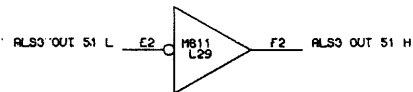
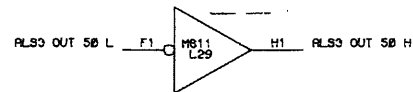
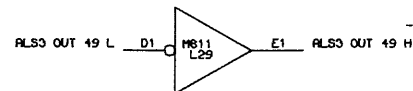
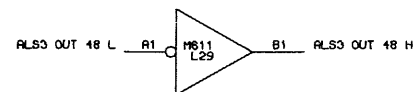
FIRST USED ON OPTION MODEL		QTY.	DESCRIPTION		PART NO.	ITEM NO.
POP12			PARTS LIST			
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES.		DRN <i>[Signature]</i>	DATE <i>12/4/77</i>	digital EQUIPMENT CORPORATION NATWAMU MASSACHUSETTS		
TOLERANCES		CHK'D <i>[Signature]</i>	DATE <i>12-6-77</i>			
DECIMALS	ANGLES	ENG. <i>[Signature]</i>	DATE <i>1-25-78</i>			
XXX - .005	±0° 30'	PROJ. ENG. <i>[Signature]</i>	DATE <i>1-25-78</i>			
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		PROD. <i>[Signature]</i>	DATE <i>1-25-78</i>	TITLE R00CR-LS42		
MATERIAL		NEXT HIGHER ASSY.		SIZE CODE	NUMBER	REV.
FINISH		B-DD-FPPI2-A		0 B3	FPPI2-A-ALS2	
SHEET 1 OF 1		SCALE NONE		DIST.		

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ALSO A 56 L	J1	A3	F8	U2	ALSO OUT 59 L
ALSO A 57 L	K1	A2	F1	S2	ALSO OUT 58 L
ALSO A 58 L	J2	A1	F2	M1	ALSO OUT 57 L
ALSO A 59 L	N1	A0	F3	R2	ALSO OUT 56 L
ALSO B 56 L	H2	B3	0	M2	ALSO GEN 0 L
ALSO B 57 L	H1	B2	P	P2	ALSO PROP 0 L
ALSO B 58 L	F2	B1	CN+4	N2	
ALSO B 59 L	E2	B0	A-MSB	S1	
ALSO BREG LS81 L	L2	B SCR	1B-LSB	F1	ALSO BREG LS80 L
ADEN CLOCK BLS43 H	K2	B CLOCK	COMP	B2	
ADEN ENAB SHFT B L	D2	B LOAD/SHIFT L			
ADEN INVERT A 2 H	P1	A INV			
ADEN STROBE ALS43 L	U1	A STROBE			
+3 K28U1 H	R1	A CLOCK			
+3 K28U1 H	V2	0 SERIAL			
ADEN CLOCK 0 LS45 H	T2	0 CLOCK			
ADEN ENAB SHFT 0 L	L1	0 LOAD/SHIFT L			
ADEN INH CARRY H	A1	CARRY IN			
ADEN INH CARRY H	V1	INHIBIT			
ADEN S3 H	E1	X3			
ADEN S2 H	D1	X2			
ADEN S1 H	C1	X1			
ADEN S0 H	B1	X0			

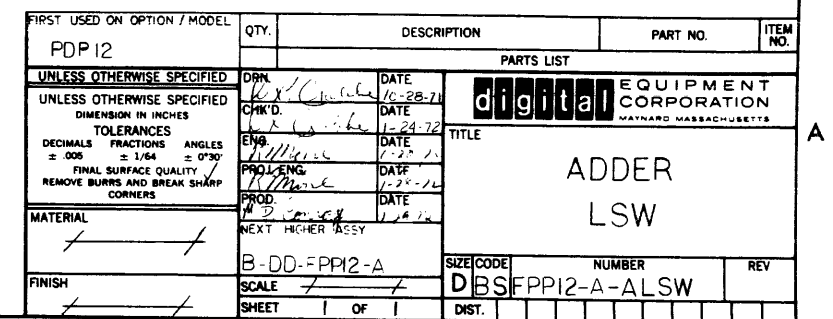
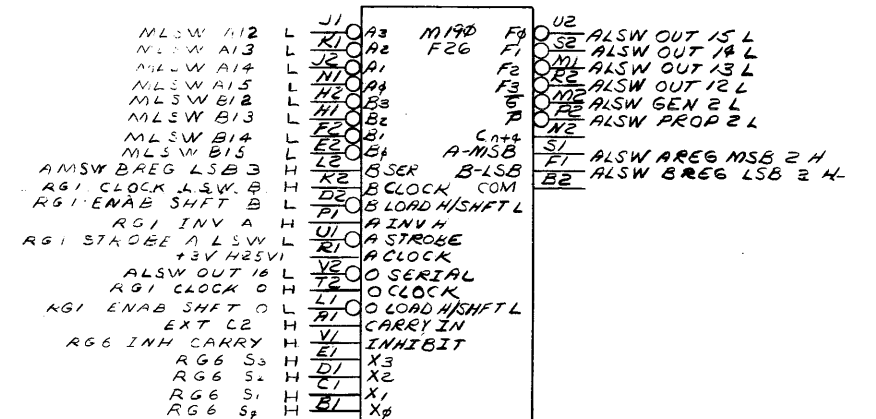
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ALSO A 53 L	K1	A2	F1	S2	ALSO OUT 54 L
ALSO A 54 L	J2	A1	F2	M1	ALSO OUT 53 L
ALSO A 55 L	N1	A0	F3	R2	ALSO OUT 52 L
ALSO B 52 L	H2	B3	0	M2	ALSO GEN 1 L
ALSO B 53 L	H1	B2	P	P2	ALSO PROP 1 L
ALSO B 54 L	F2	B1	CN+4	N2	
ALSO B 55 L	E2	B0	A-MSB	S1	
ALSO BREG LS82 L	L2	B SCR	1B-LSB	F1	ALSO BREG LS81 L
ADEN CLOCK BLS43 H	K2	B CLOCK	COMP	B2	
ADEN ENAB SHFT B L	D2	B LOAD/SHIFT L			
ADEN INVERT A 2 H	P1	A INV			
ADEN STROBE ALS43 H	U1	A STROBE			
+3 K28U1 H	R1	A CLOCK			
ALSO OUT 56 L	V2	0 SERIAL			
ADEN CLOCK 0 LS45 H	T2	0 CLOCK			
ADEN ENAB SHFT 0 L	L1	0 LOAD/SHIFT L			
ADEN INH CARRY H	A1	CARRY IN			
ADEN INH CARRY H	V1	INHIBIT			
ADEN S3 H	E1	X3			
ADEN S2 H	D1	X2			
ADEN S1 H	C1	X1			
ADEN S0 H	B1	X0			

ALSO A 48 L	J1	A3	F8	U2	ALSO OUT 51 L
ALSO A 49 L	K1	A2	F1	S2	ALSO OUT 50 L
ALSO A 50 L	J2	A1	F2	M1	ALSO OUT 49 L
ALSO A 51 L	N1	A0	F3	R2	ALSO OUT 48 L
ALSO B 48 L	H2	B3	0	M2	ALSO GEN 2 L
ALSO B 49 L	H1	B2	P	P2	ALSO PROP 2 L
ALSO B 50 L	F2	B1	CN+4	N2	
ALSO B 51 L	E2	B0	A-MSB	S1	
ALSO BREG LS83 L	L2	B SCR	1B-LSB	F1	ALSO BREG LS82 L
ADEN CLOCK BLS43 H	K2	B CLOCK	COMP	B2	
ADEN ENAB SHFT B L	D2	B LOAD/SHIFT L			
ADEN INVERT A 2 H	P1	A INV			
ADEN STROBE ALS43 H	U1	A STROBE			
+3 K28U1 H	R1	A CLOCK			
ALSO OUT 52 L	V2	0 SERIAL			
ADEN CLOCK 0 LS45 H	T2	0 CLOCK			
ADEN ENAB SHFT 0 L	L1	0 LOAD/SHIFT L			
ADEN INH CARRY H	A1	CARRY IN			
ADEN INH CARRY H	V1	INHIBIT			
ADEN S3 H	E1	X3			
ADEN S2 H	D1	X2			
ADEN S1 H	C1	X1			
ADEN S0 H	B1	X0			

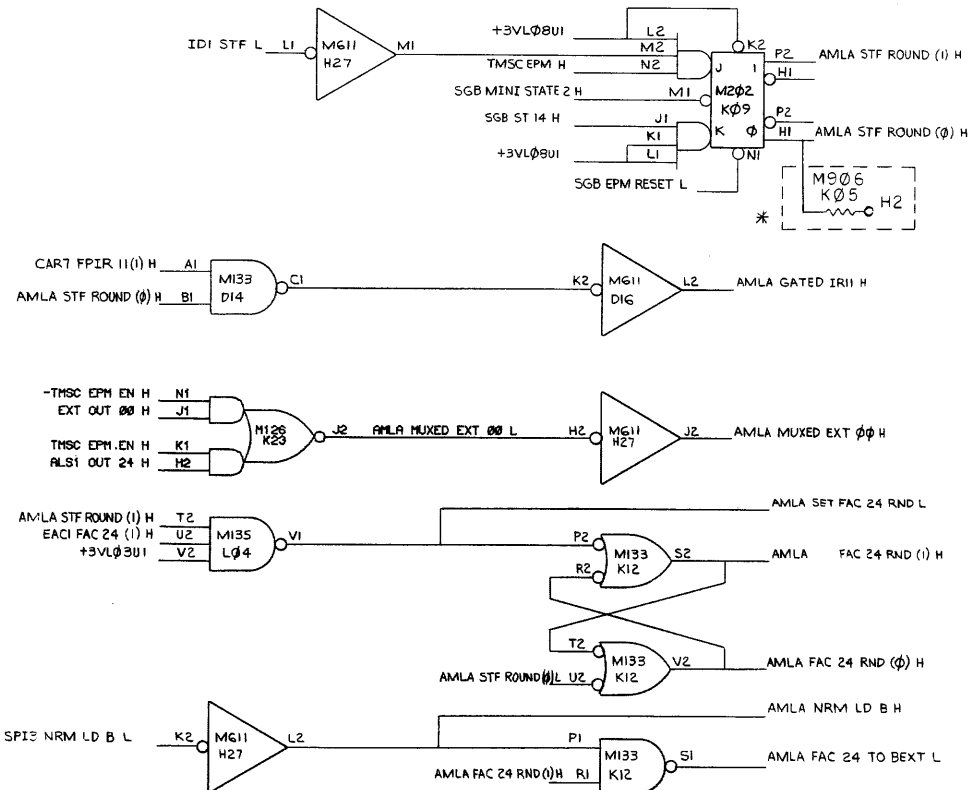
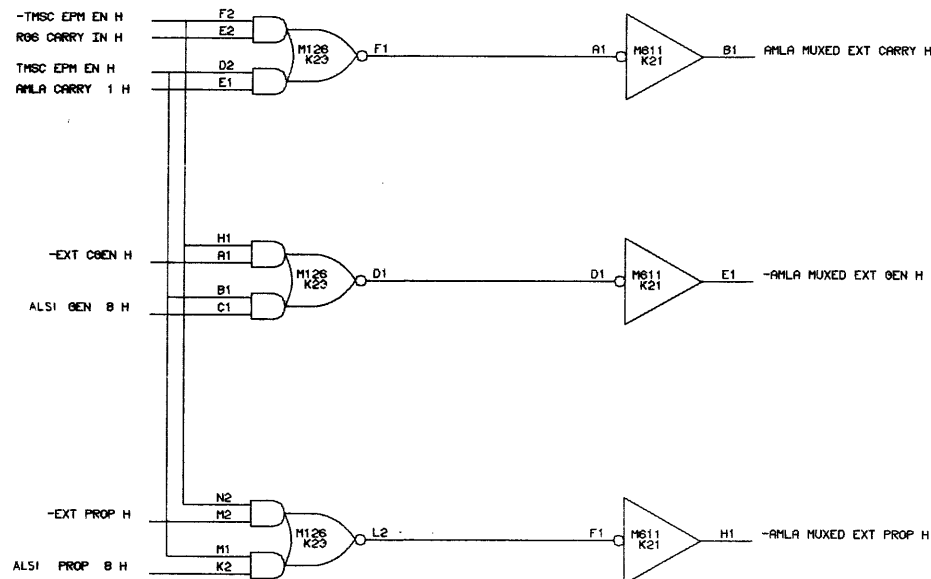
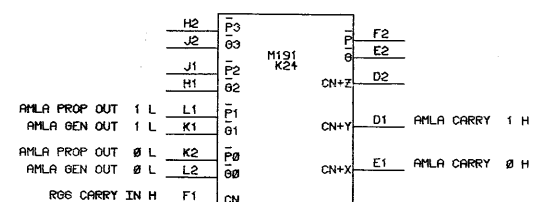
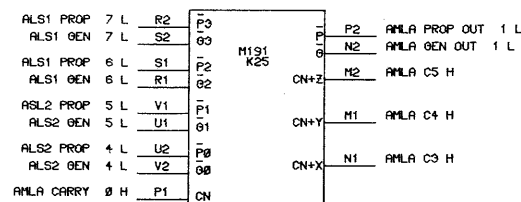
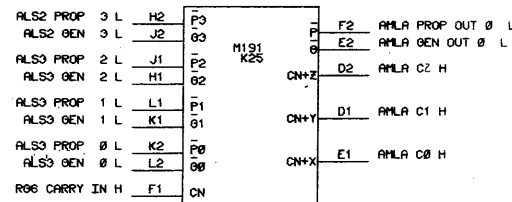


REVISIONS		
CHK.	CHANGE NO.	REV.

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
POP12				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES.	DRN. 7-2-76	DATE 1-24-77	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
TOLERANCES	CHK'D. 1-24-77	DATE 1-24-77		
DECIMALS	ENG. 1-24-77	DATE 1-24-77		
ANGLES	PROJ. ENG. 1-24-77	DATE 1-24-77		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	PROD. 1-24-77	DATE 1-24-77	TITLE ADDER-LS43	
MATERIAL	NEXT HIGHER ASSY.	SIZE CODE	NUMBER	REV.
FINISH	B-DD-1 POP12-A	D BS	FPP12-A-ALSO	
SCALE	NONE	DIST.		
SHEET 1 OF 1				



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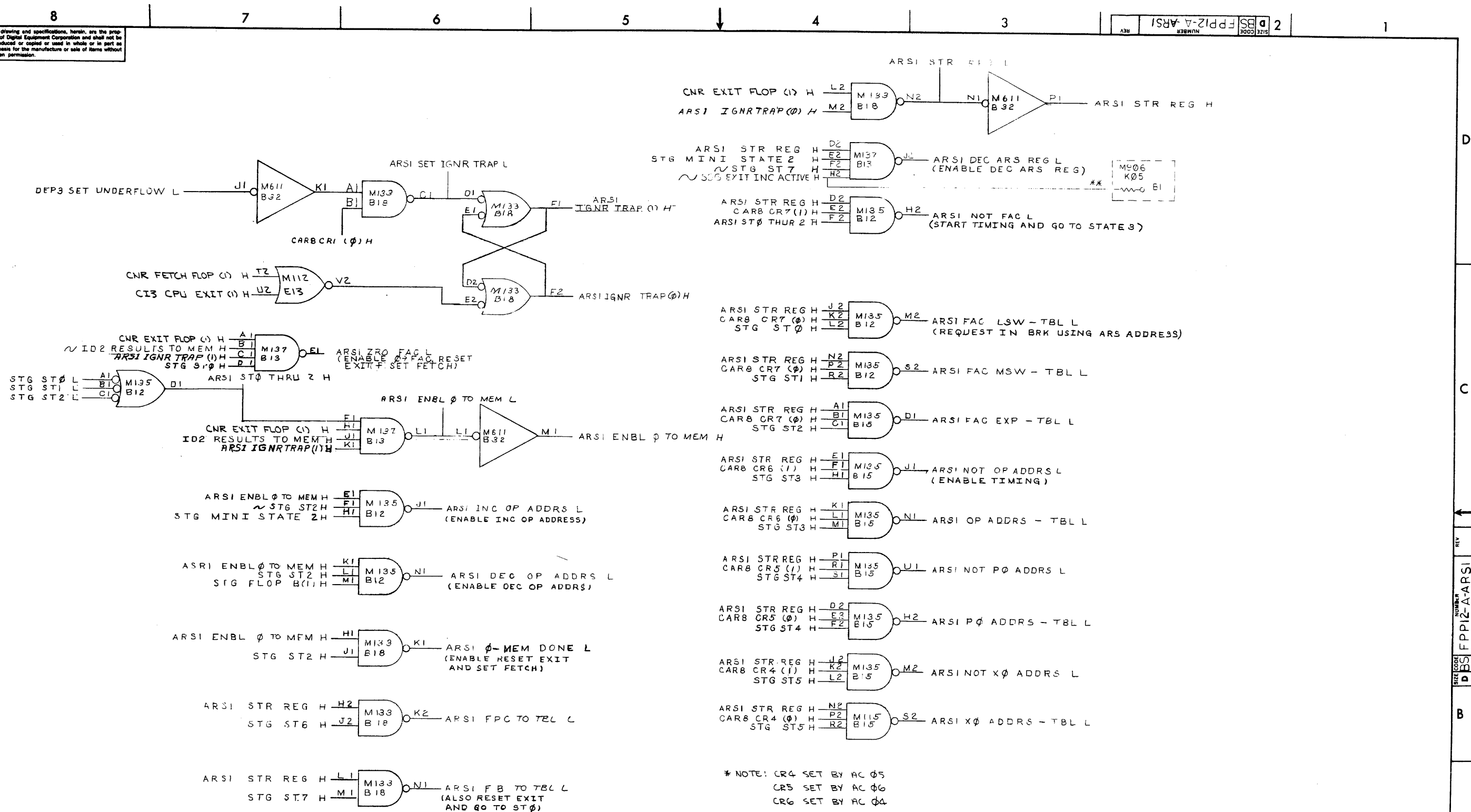


NOTE: THESE PINS ARE GROUNDED
K21M1
K21M2
K21C1
K23L

* EPM DISABLE MODULE

REVISIONS		
CHK.	CHANGE NO.	REV.

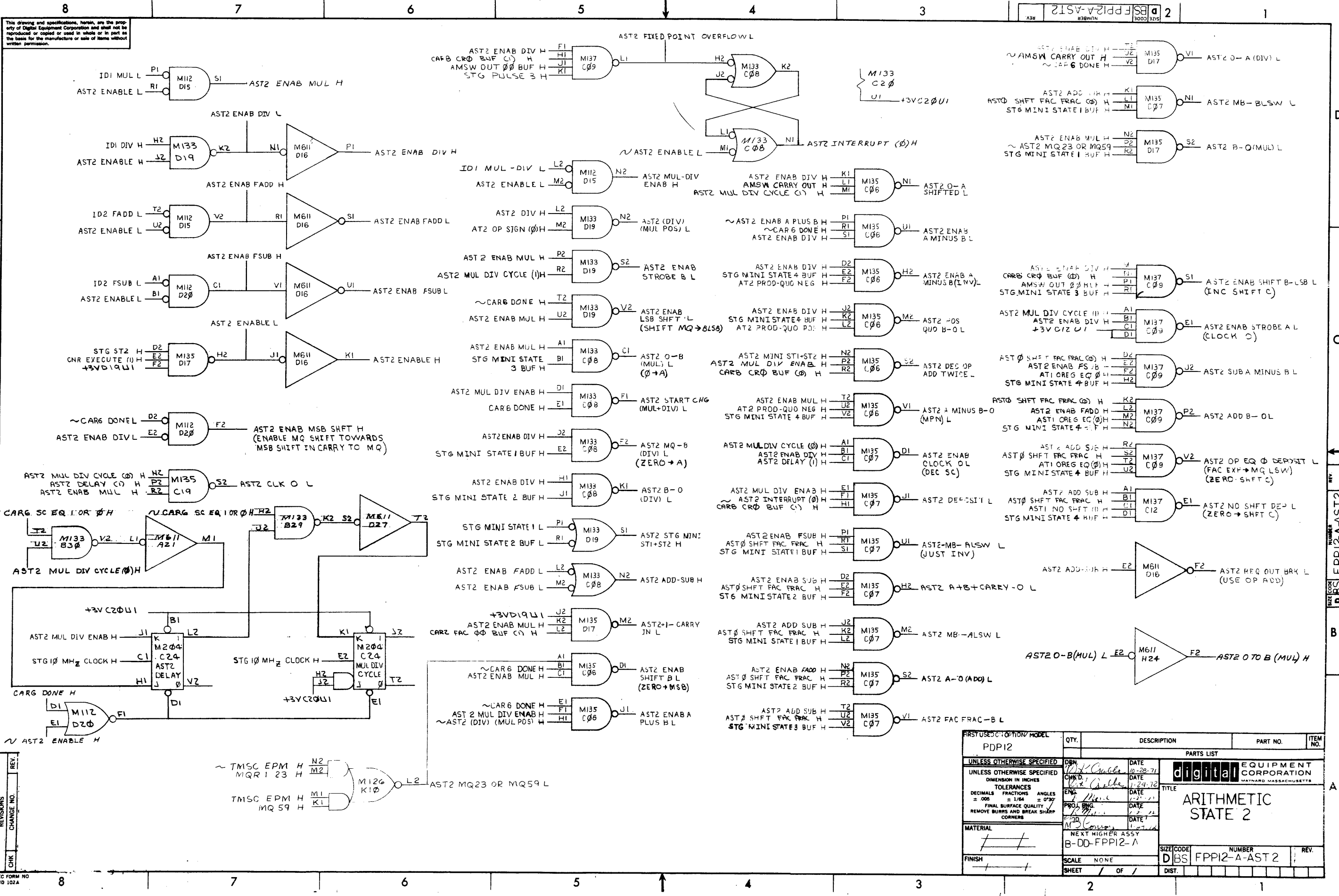
FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP12				PARTS LIST	
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN. <i>Rogus</i>	DATE <i>11/18/71</i>	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS	
		CHK'D <i>B. Lanza</i>	DATE <i>12-2-71</i>		
DECIMALS	ANGLES	ENG. <i>11/18/71</i>	DATE <i>1-2-72</i>		
.XXX = .005	±0° 30'	PROJ. ENG. <i>11/18/71</i>	DATE <i>1-2-72</i>		
.XX = .02		PROD. <i>11/18/71</i>	DATE <i>1-2-72</i>	TITLE ADDER MULT AND LOOK AHEAD LOGIC	
.X = .1					
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓		NEXT HIGHER ASSY.			
MATERIAL — / —		B-DD-FPP12-A			
FINISH — / —		SCALE NONE		SIZE CODE D BS	NUMBER FPP12-A-AMLA
		SHEET 1 OF 1	DIST.		REV.



* NOTE: CR4 SET BY AC 05
CR5 SET BY AC 06
CR6 SET BY AC 04

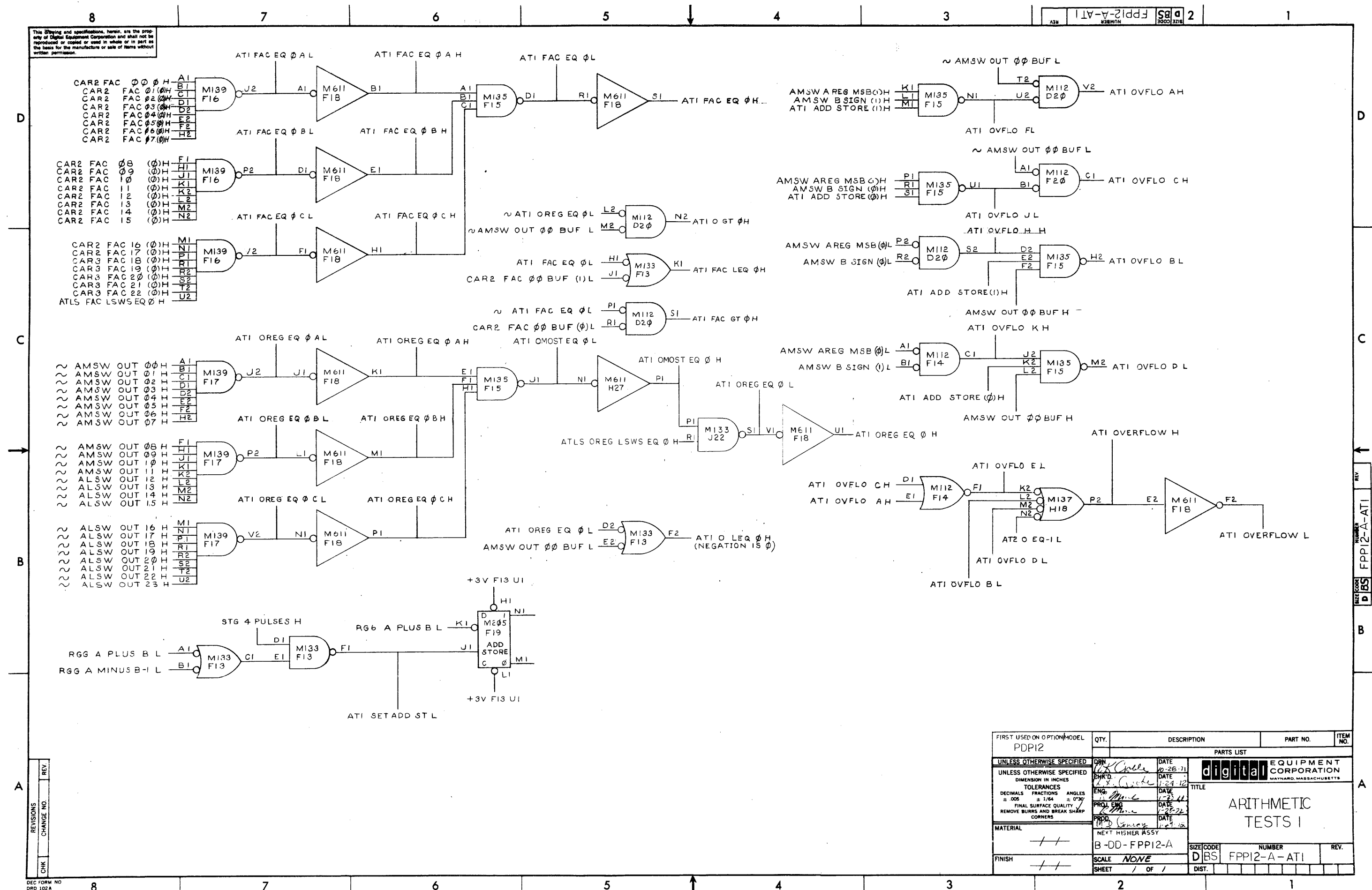
* * EPM DISABLE MODULE

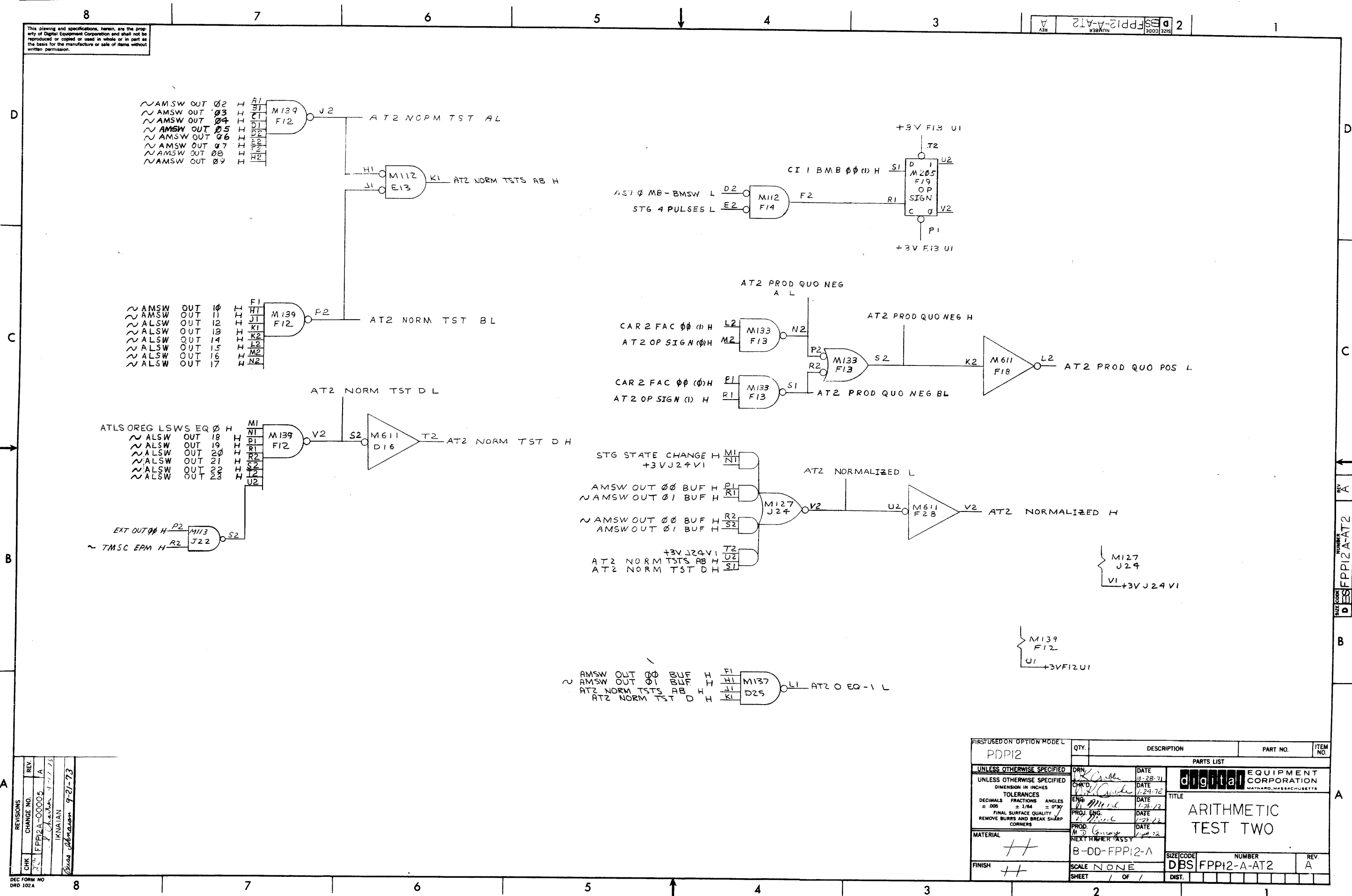
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PDP12					
UNLESS OTHERWISE SPECIFIED		DRN.	PARTS LIST		
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES		DATE	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS		
TOLERANCES		DATE			
DECIMALS	FRACTIONS	ANGLES	TITLE		
± .005	± 1/64	± .030			
FINAL SURFACE QUALITY		DATE	EXIT		
REMOVE BURRS AND BREAK SHARP CORNERS		DATE			
MATERIAL		PROJ. ENG.	B-DD-FPP12-A DBS FPP12-A-ARSI		
		DATE			
FINISH		SHEET	REV		
		OF			



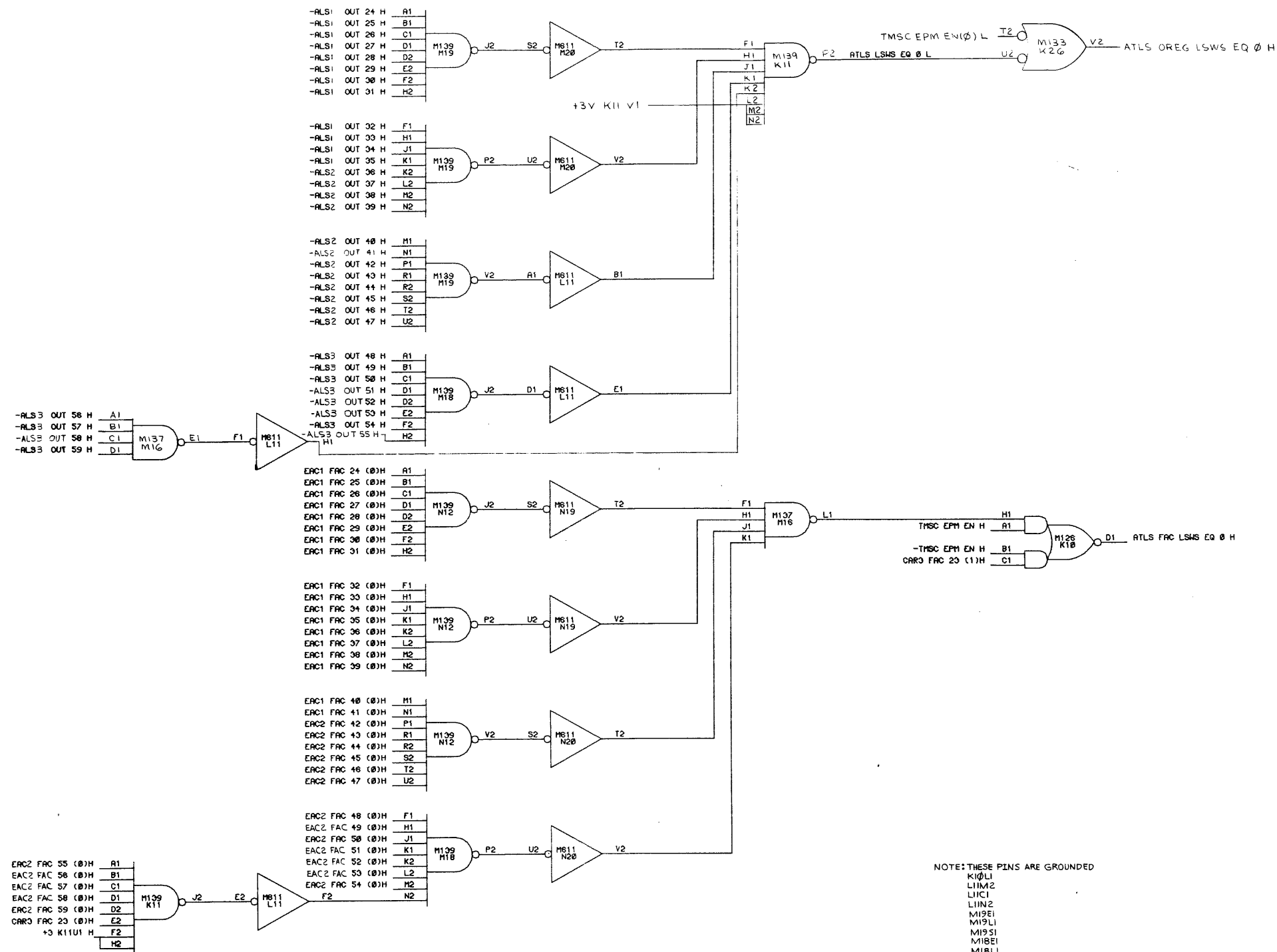
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FIRST USED OR OPTION / MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP12					
UNLESS OTHERWISE SPECIFIED		DATE	PARTS LIST		
UNLESS OTHERWISE SPECIFIED		DATE	digital EQUIPMENT CORPORATION		
DIMENSION IN INCHES		DATE	MAYNARD MASSACHUSETTS		
TOLERANCES		DATE	TITLE		
DECIMALS ± .005		DATE	ARITHMETIC STATE 2		
FRACTIONS ± 1/64		DATE	SIZE CODE		
ANGLES ± 0°30'		DATE	NUMBER		
FINAL SURFACE QUALITY		DATE	REV.		
REMOVE BURRS AND BREAK SHARP CORNERS		DATE	D BS FPP12-A-AST 2		
MATERIAL		DATE	SCALE		
NEXT HIGHER ASSY		DATE	NONE		
B-DD-FPP12-A		DATE	SHEET		
FINISH		DATE	OF		
		DATE	DIST.		





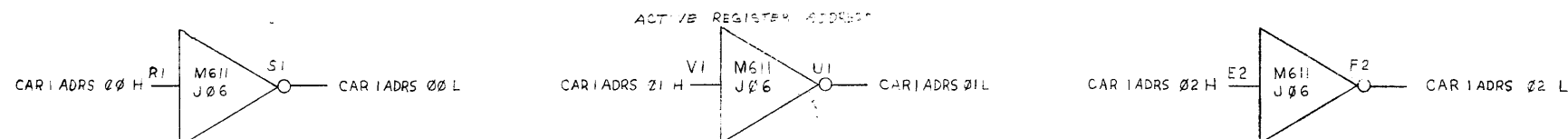
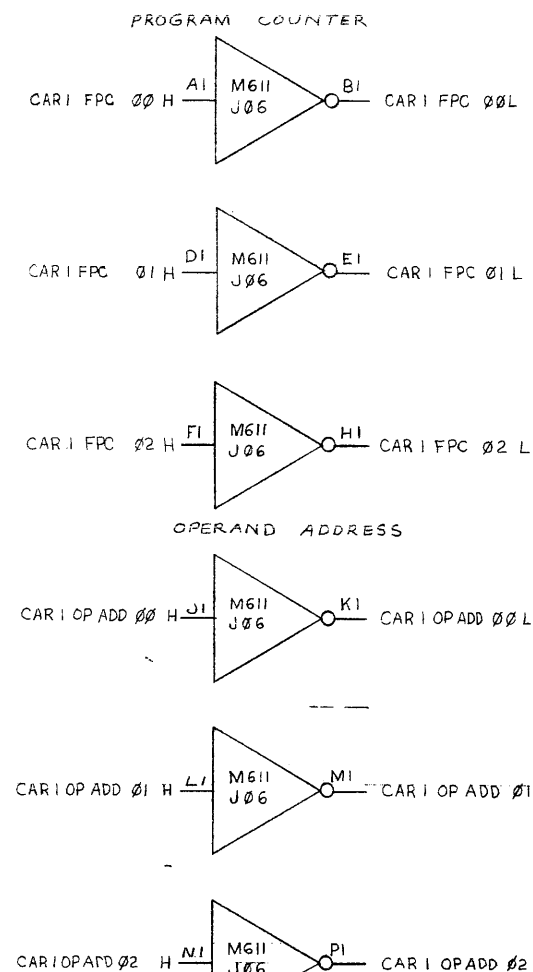
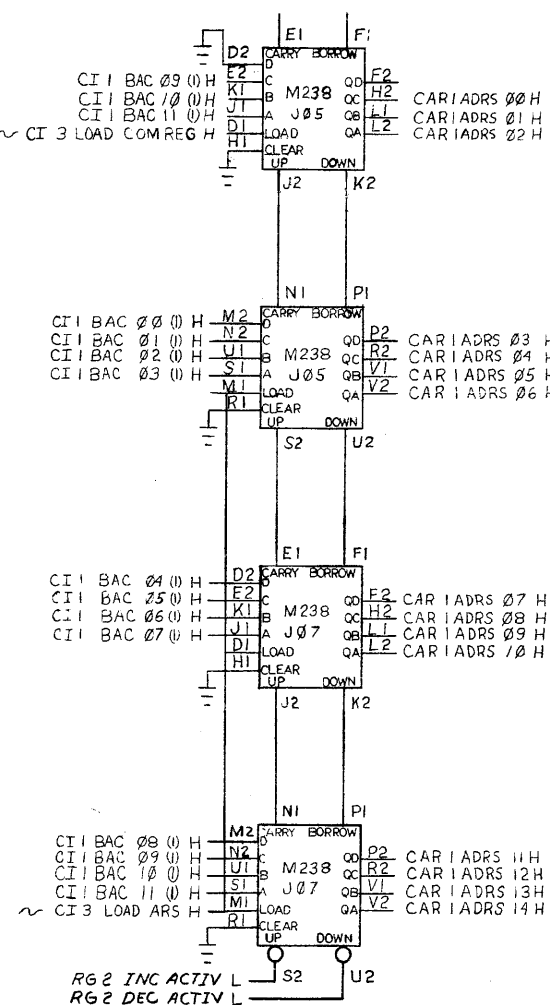
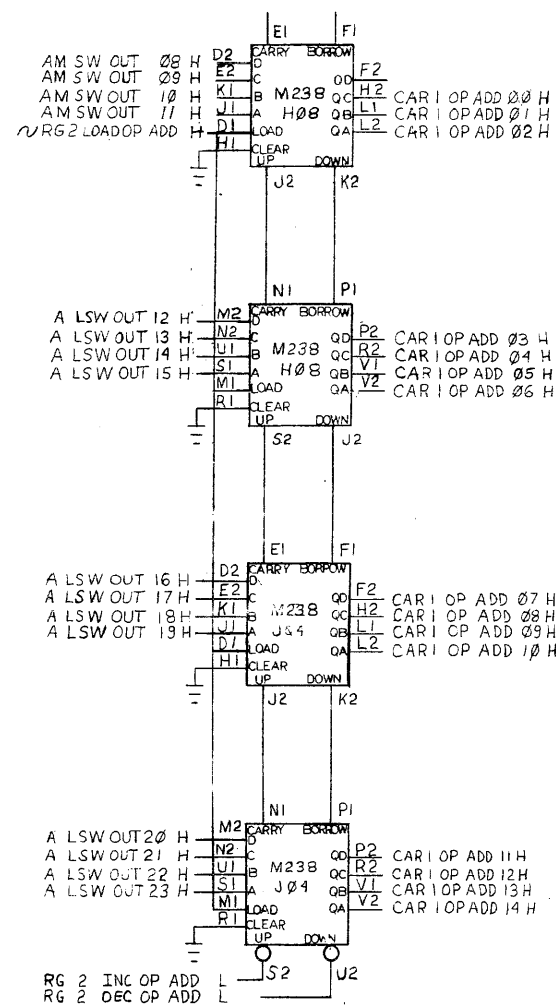
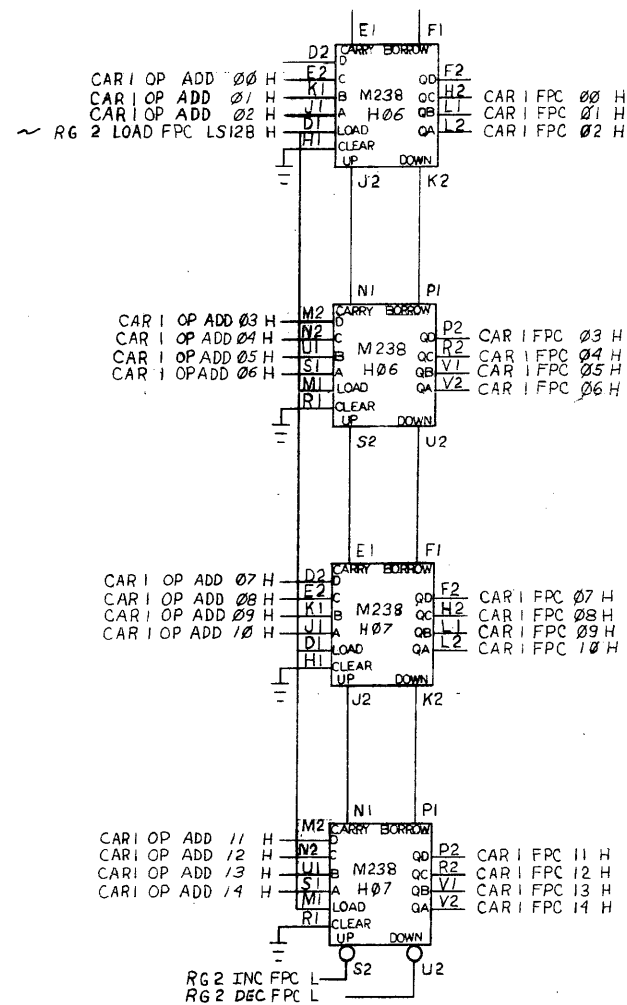
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NOTE: THESE PINS ARE GROUNDED

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDF12		PARTS LIST			
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN. <i>John Boyes</i>	DATE <i>12-6-71</i>	 DIGITAL EQUIPMENT CORPORATION MATTHEW HARRIS/BUCKETTS	
		CHK'D. <i>B. Emma</i>	DATE <i>12-6-71</i>		
		ENG. <i>M. M. C.</i>	DATE <i>12-1-71</i>		
DECIMALS	ANGLES	PROJ. ENG. <i>M. M. C.</i>	DATE <i>12-1-71</i>	TITLE ARITHMETIC TESTS LSHS (EXTENDED MODE)	
.XX = .005 .X = .02 . = .1	±0° 30'	PROD. <i>M. D. C.</i>	DATE <i>12-1-71</i>		
REMOVE BURRS AND BREAK SHARP CONVRS. SURFACE QUALITY ✓					
MATERIAL		NEXT HIGHER ASSY.			
		B-DD-FPPI2-A		REV.	
		SCALE NONE		D BS	
FINISH		SHEET OF 1		DIST.	
				FPP12-A-RTL8	

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A	CHK	REV
	REVISIONS CHANGE NO.	

FIRST USED ON OPTION MODEL		QTY.	DESCRIPTION	PART NO.	ITEM
PDP-12					
UNLESS OTHERWISE SPECIFIED		DRN.	DATE	PARTS LIST	
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES		CHK'D.	DATE	 DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
TOLERANCES		ENG.	DATE		
DECIMALS FRACTIONS ANGLES		PROJ. ENG.	DATE		
= .005 ± 1/64 = 0°30'		PROD.	DATE		
FINAL SURFACE QUALITY		TITLE			COUNTERS AND REGISTERS I
REMOVE BURRS AND BREAK SHARP CORNERS					
MATERIAL		NEXT HIGHER ASSY			
FINISH		B-DD-FPPI2-A			
		SCALE	NONE		
		SHEET	OF		
		SIZE CODE	NUMBER	REV	
		DBS	FPPI2-A-CAR I		
		DIST.			

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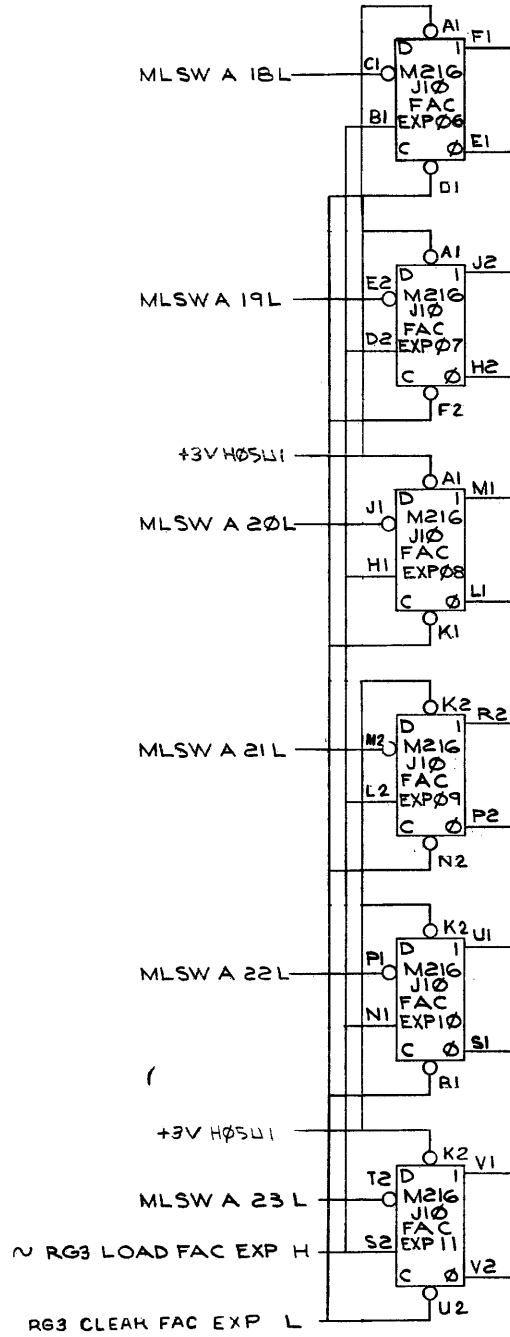
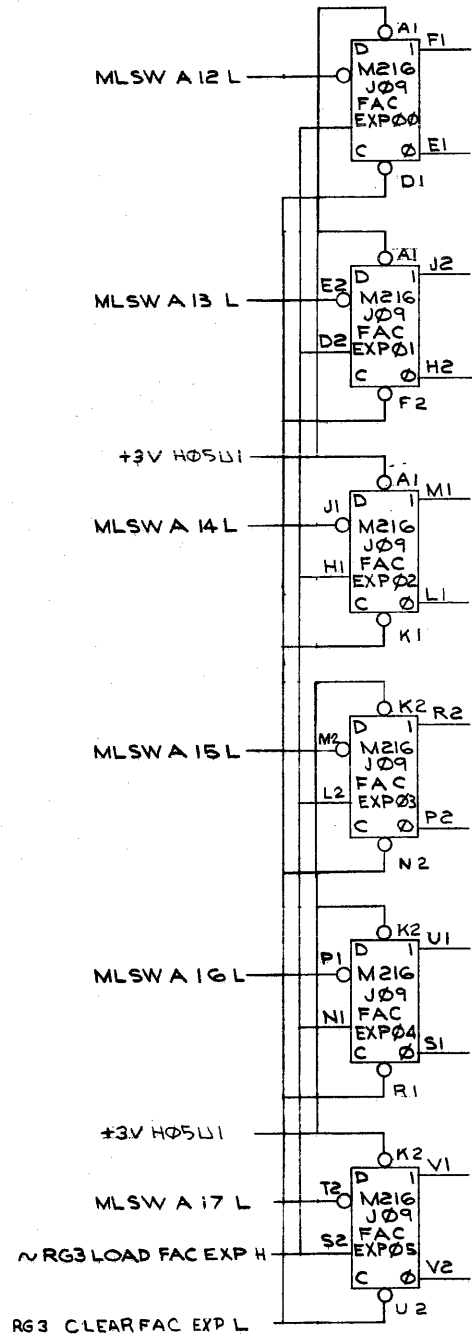
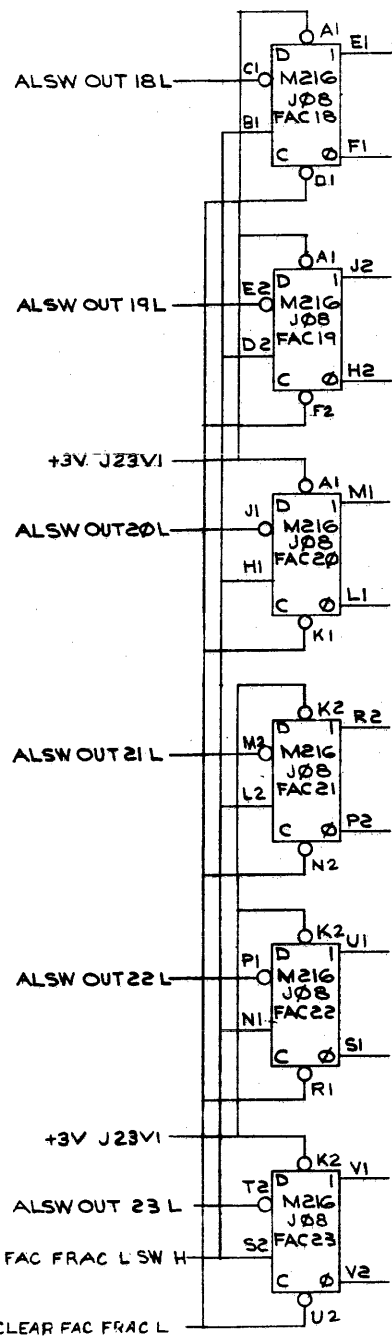


REV.	CHANGE NO.	CHK.
1		
2		
3		
4		
5		
6		
7		
8		

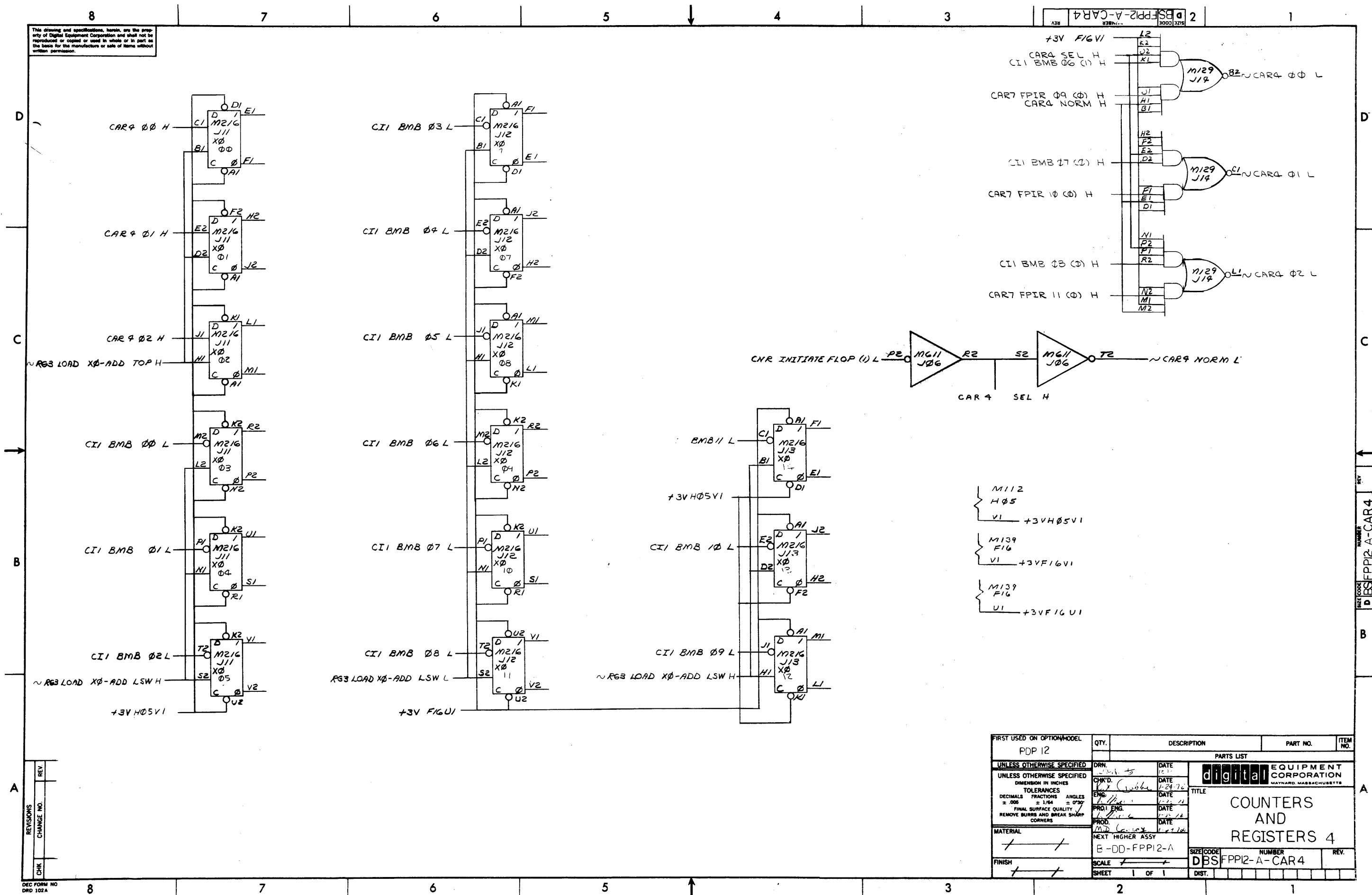
DEC FORM NO. 102A

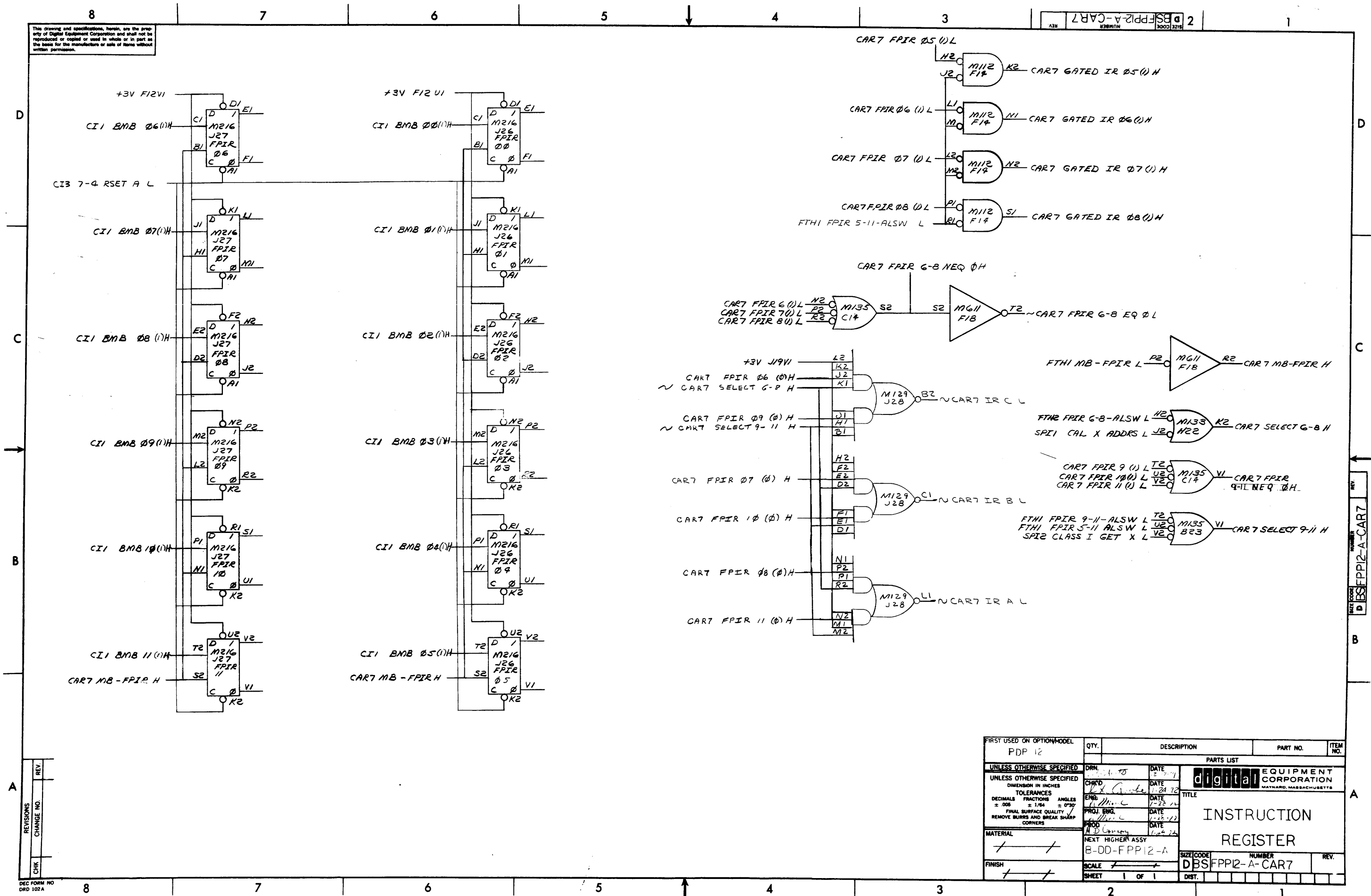
FIRST USED ON OPTION MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDPI2				
UNLESS OTHERWISE SPECIFIED				
DIMENSION IN INCHES				
TOLERANCES				
DECIMALS FRACTIONS ANGLES				
± .005 ± 1/64 ± 0°30'				
FINAL SURFACE QUALITY				
REMOVE BURRS AND BREAK SHARP CORNERS				
MATERIAL				
FINISH				
NEXT HIGHER ASSY				
B-DD-FPPI2-A				
SCALE				
SHEET 1 OF 1				
PARTS LIST				
digital EQUIPMENT CORPORATION				
MAYNARD, MASSACHUSETTS				
TITLE				
COUNTERS AND REGISTERS 2				
SIZE CODE				
NUMBER				
REV.				
DISTRIBUTION				

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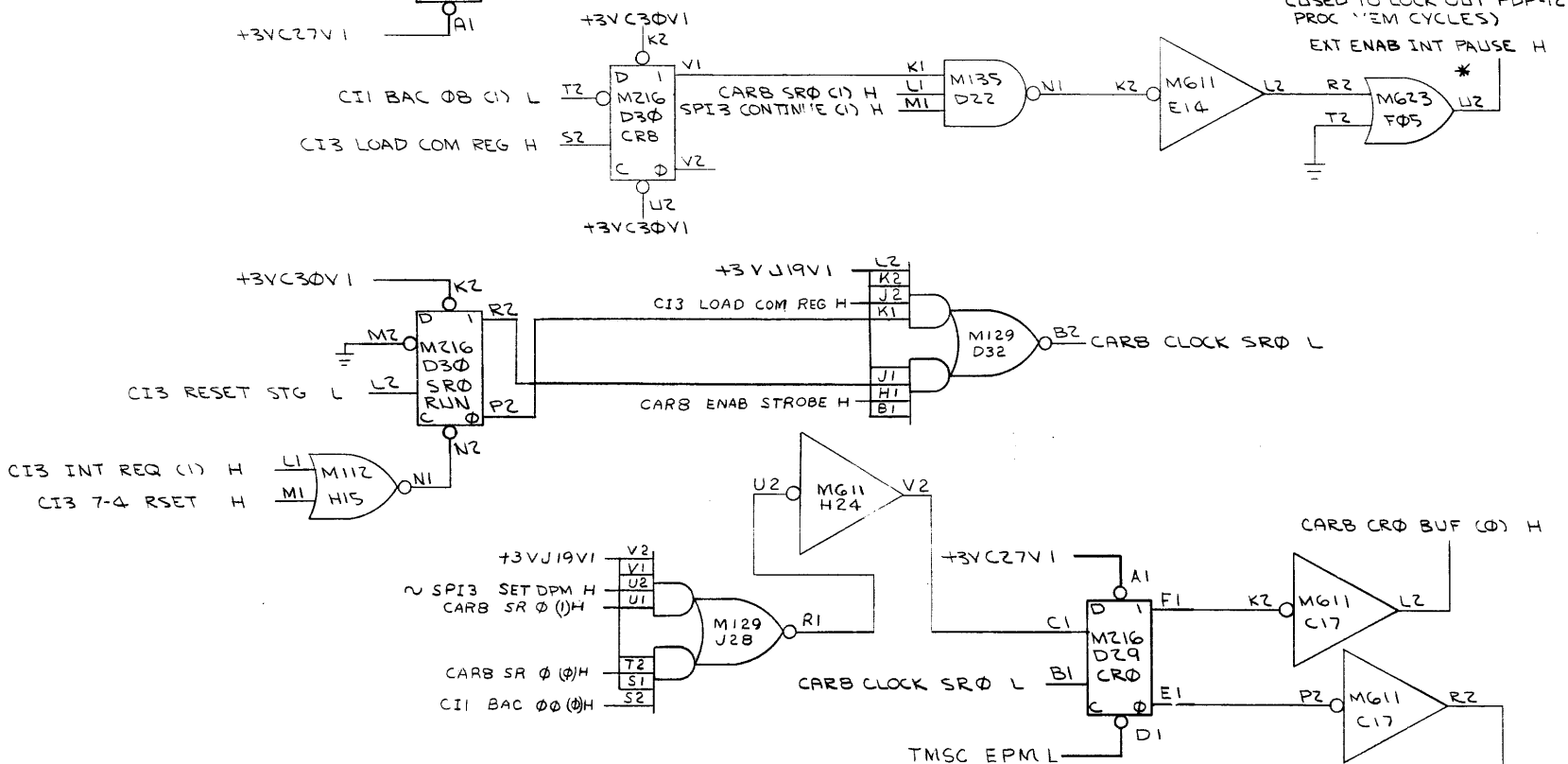
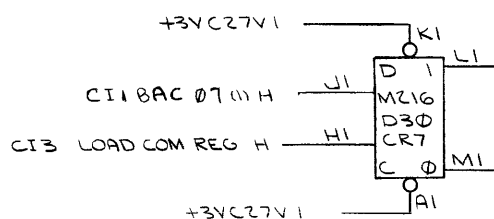
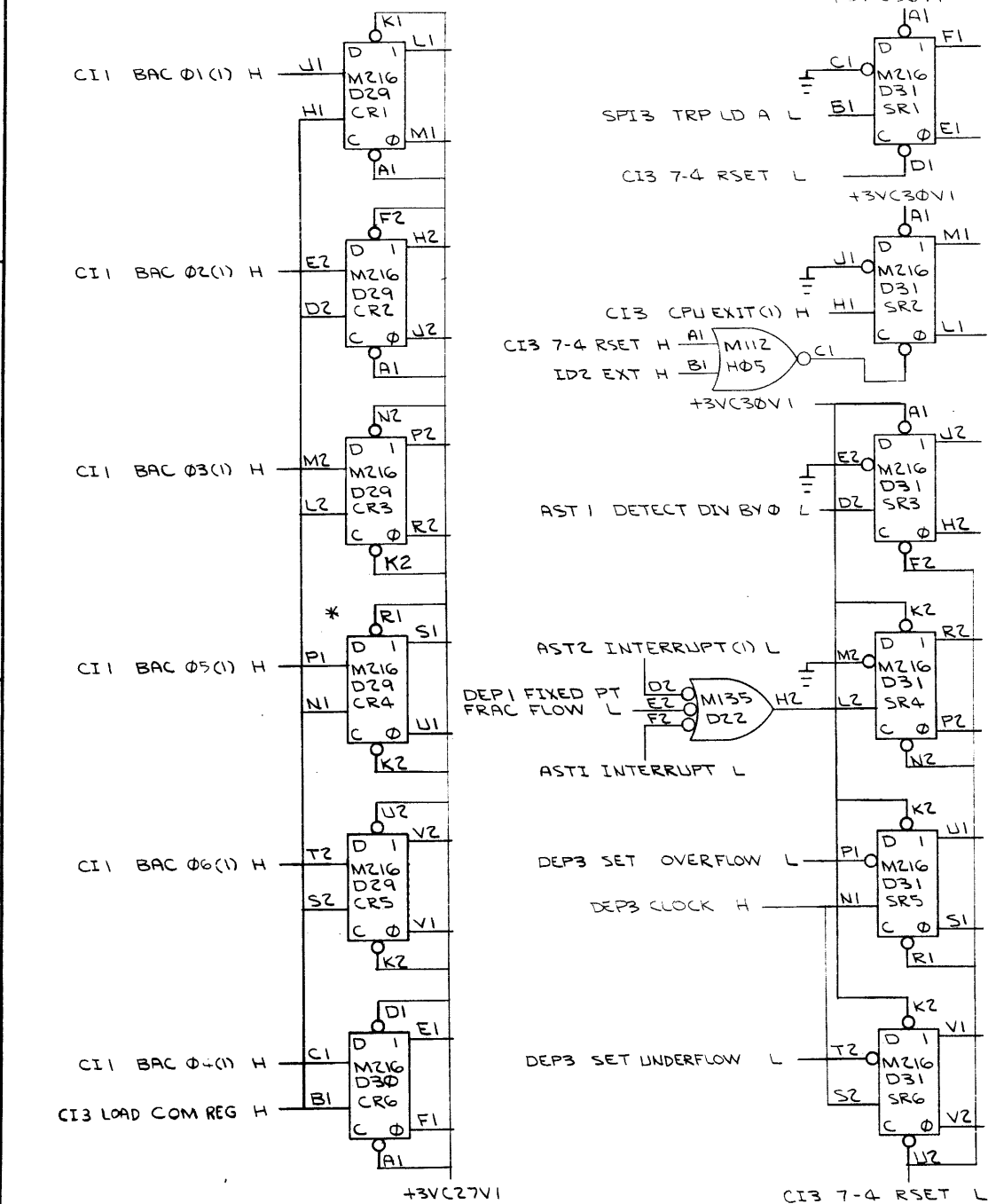


FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP12					
UNLESS OTHERWISE SPECIFIED		PARTS LIST			
UNLESS OTHERWISE SPECIFIED		digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
DIMENSION IN INCHES		TITLE			
TOLERANCES		COUNTERS AND REGISTERS 3			
DECIMALS FRACTIONS ANGLES		SIZE/CODE			
± .005 ± 1/64 ± 0°30'		B-DD-FPPI2-A			
FINAL SURFACE QUALITY		NUMBER			
REMOVE BURRS AND BREAK SHARP CORNERS		DBSFPPI2-A-CAR 3			
MATERIAL		REV.			
FINISH		SCALE			
		SHEET 1 OF 1			
		DST.			





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CII INT REQ (1) H
CII 7-4 RSET H

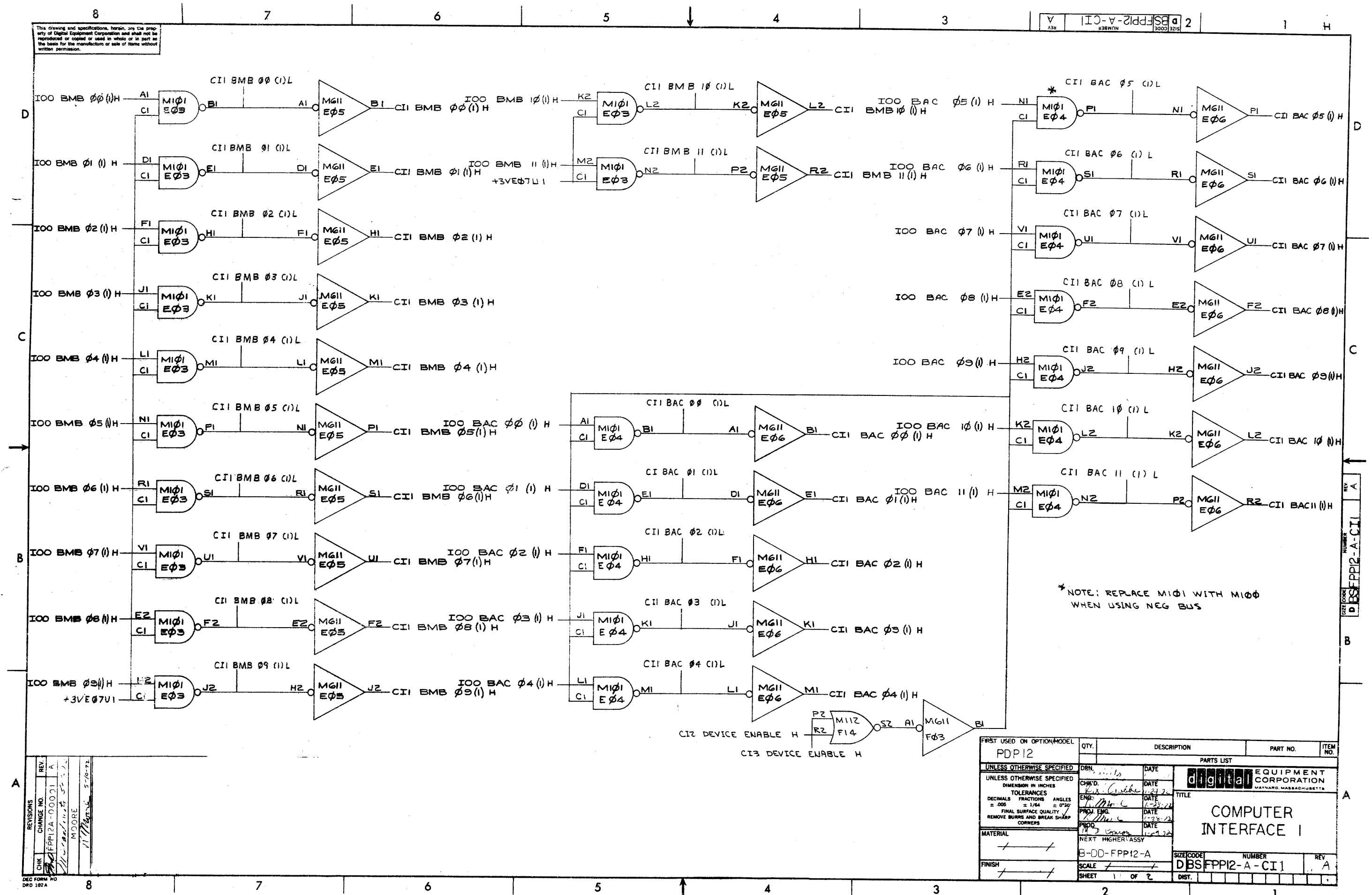
* NOTE: CR4 SET BY AC 05
CR5 SET BY AC 06
CR6 SET BY AC 04

M133
C27
VI +3VC27V1

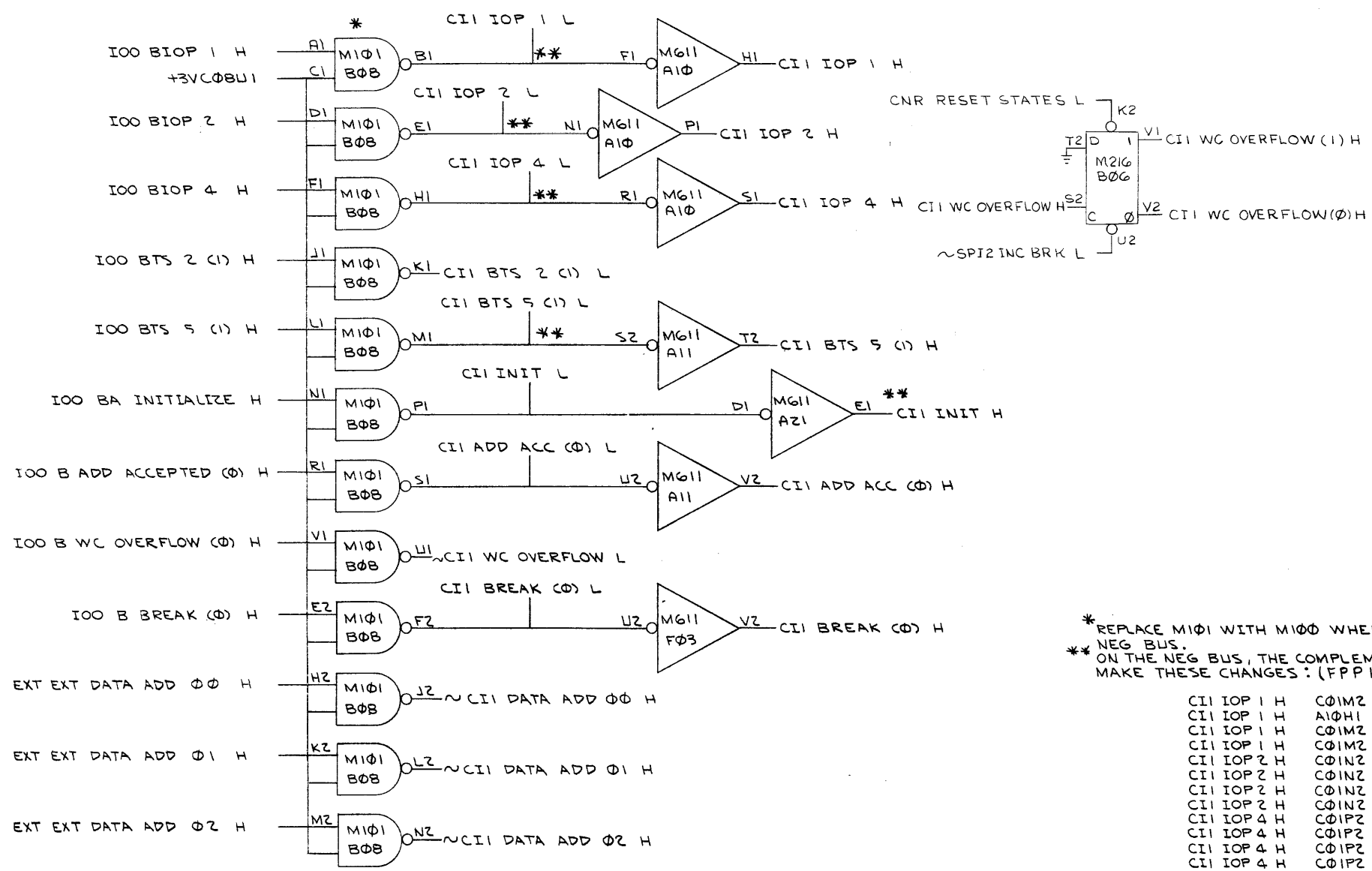
M627
C30
VI +3VC30V1

* NOTE: ON PDP-8 COMPUTERS, REMOVE THE
'EXT ENAB INT PAUSE H' SIGNAL.
DELETE F05U2 TO B03V2.

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP12				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED	DATE	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
DRAWN	10-28-71	1-24-72		
CHECKED	1-24-72	1-24-72		
ENG'G	1-24-72	1-24-72		
PROJ. ENG.	1-24-72	1-24-72	COMMAND AND STATUS REGISTERS	
PROD.	1-24-72	1-24-72		
MATERIAL	NEXT HIGHER ASSY	B-DD-FPPI2-A	SIZE/CODE	NUMBER
FINISH	SCALE	SHEET 1 OF 1	DIST.	REV.



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* REPLACE MI01 WITH MI00 WHEN USING NEG BUS.
** ON THE NEG BUS, THE COMPLEMENT IS USED. MAKE THESE CHANGES: (FPP12-AN)

CII IOP 1 H	C01M2 - E01M2	DEL
CII IOP 1 H	A10H1 - C01M2	DEL
CII IOP 1 H	C01M2 - E01M2	ADD
CII IOP 1 H	C01M2 - A10F1	ADD
CII IOP 2 H	C01N2 - E01N2	DEL
CII IOP 2 H	C01N2 - A10P1	DEL
CII IOP 2 H	C01N2 - E01N2	ADD
CII IOP 2 H	C01N2 - A10N1	ADD
CII IOP 4 H	C01P2 - E01P2	DEL
CII IOP 4 H	C01P2 - A10S1	DEL
CII IOP 4 H	C01P2 - E01P2	ADD
CII IOP 4 H	C01P2 - A10R1	ADD
CII INIT L	B31P2 - A21D1	DEL
CII INIT H	B31P2 - A21E1	ADD
CII ADD ACC (1) L	A11V2 - D04D1	DEL
CII ADD ACC (1) L	D04D1 - D30N1	DEL
CII BTS 05 (1) L	D30N1 - A11S2	ADD
CII BREAK (0) H	D04D1 - F03Y2	ADD

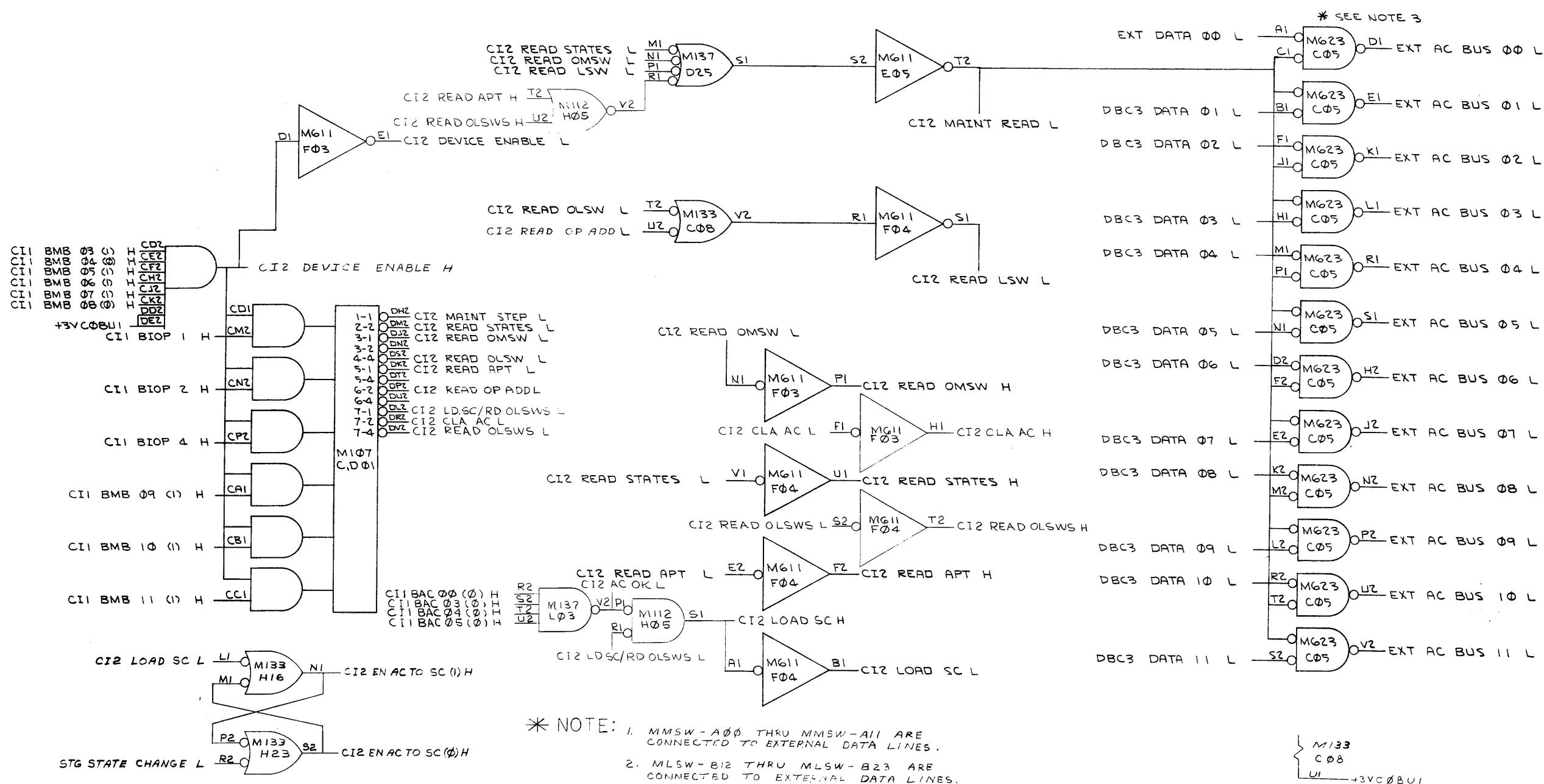
REV.	
CHG.	
CHK.	

FIRST USED ON OPTION / MODEL
PDP 12

DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES
DECIMALS FRACTIONS ANGLES
±.005 ±.1/64 ±.030
FINAL SURFACE QUALITY
REMOVE BURRS AND BREAK SHARP CORNERS
MATERIAL
FINISH

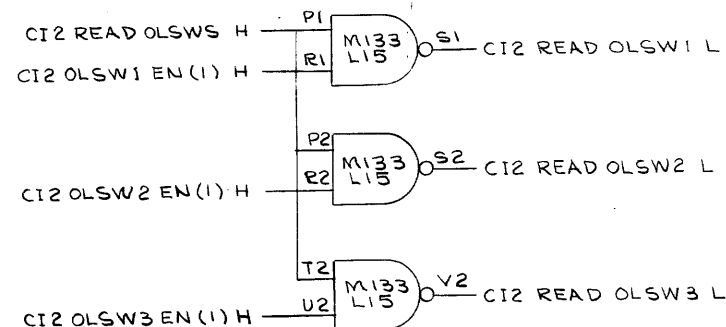
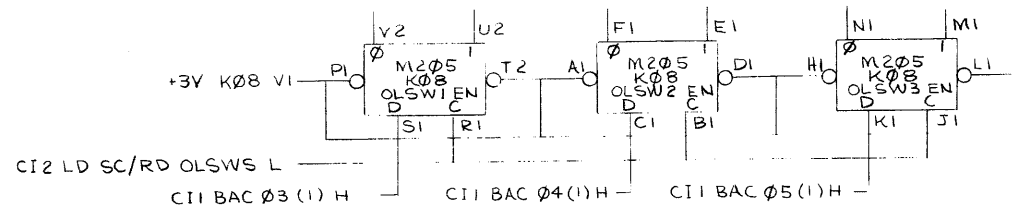
QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN.	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
CHK'D.	DATE		
ENG.	DATE		
PROJ. ENG.	DATE		
PROD.	DATE	COMPUTER INTERFACE 1	
NEXT HIGHER ASSY			
B-DD-FPP12-A			
SCALE			
SHEET 2 OF 2		D BS FPP12-A-C11	
		REV. A	

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PDP12		QTY.	DESCRIPTION	PART NO.	ITEM
DO NOT SCALE DRAWING		DRN. <i>1-2-77</i>	DATE <i>1-2-77</i>	PARTS LIST	
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES		CH'D. <i>1-2-77</i>	DATE <i>1-2-77</i>	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
TOLERANCES DECIMALS FRACTIONS ANGLES ± .005 ± 1/64 ± 0°30'		ENG. <i>1-2-77</i>	DATE <i>1-2-77</i>	TITLE	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS		PROJ. ENG. <i>1-2-77</i>	DATE <i>1-2-77</i>	MAINTENANCE IOT CONTROL	
MATERIAL <i>+</i> <i>+</i>		PROD. <i>1-2-77</i>	DATE <i>1-2-77</i>		
		NEXT HIGHER ASSY B-DD-FPPI2-A			
FINISH <i>+</i> <i>+</i>		SCALE <i>++</i>		SIZE CODE	NUMBER
		SHEET 1 OF 2		DBS	FPPI2-A-CI2
		DIST.		REV	

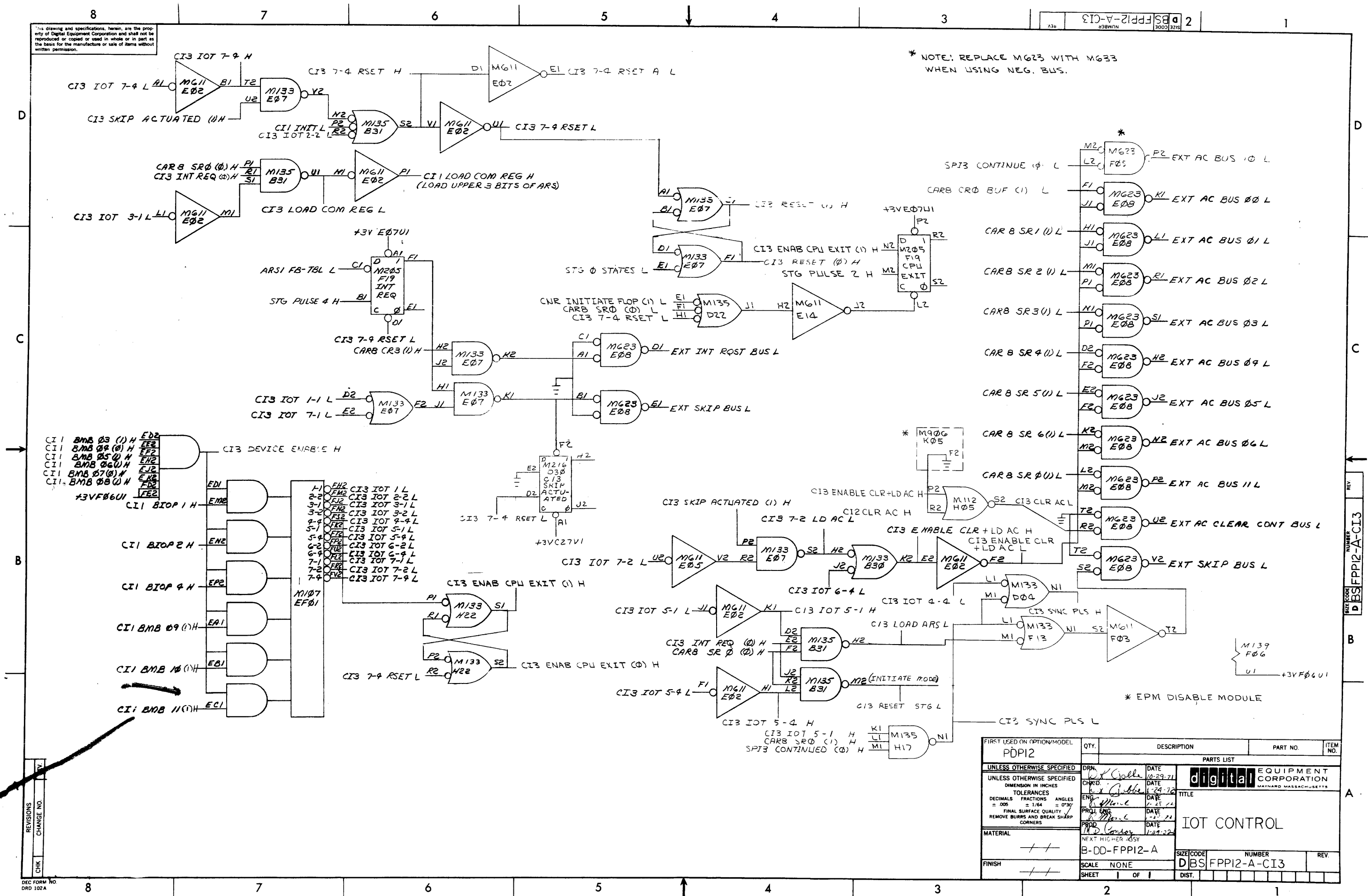
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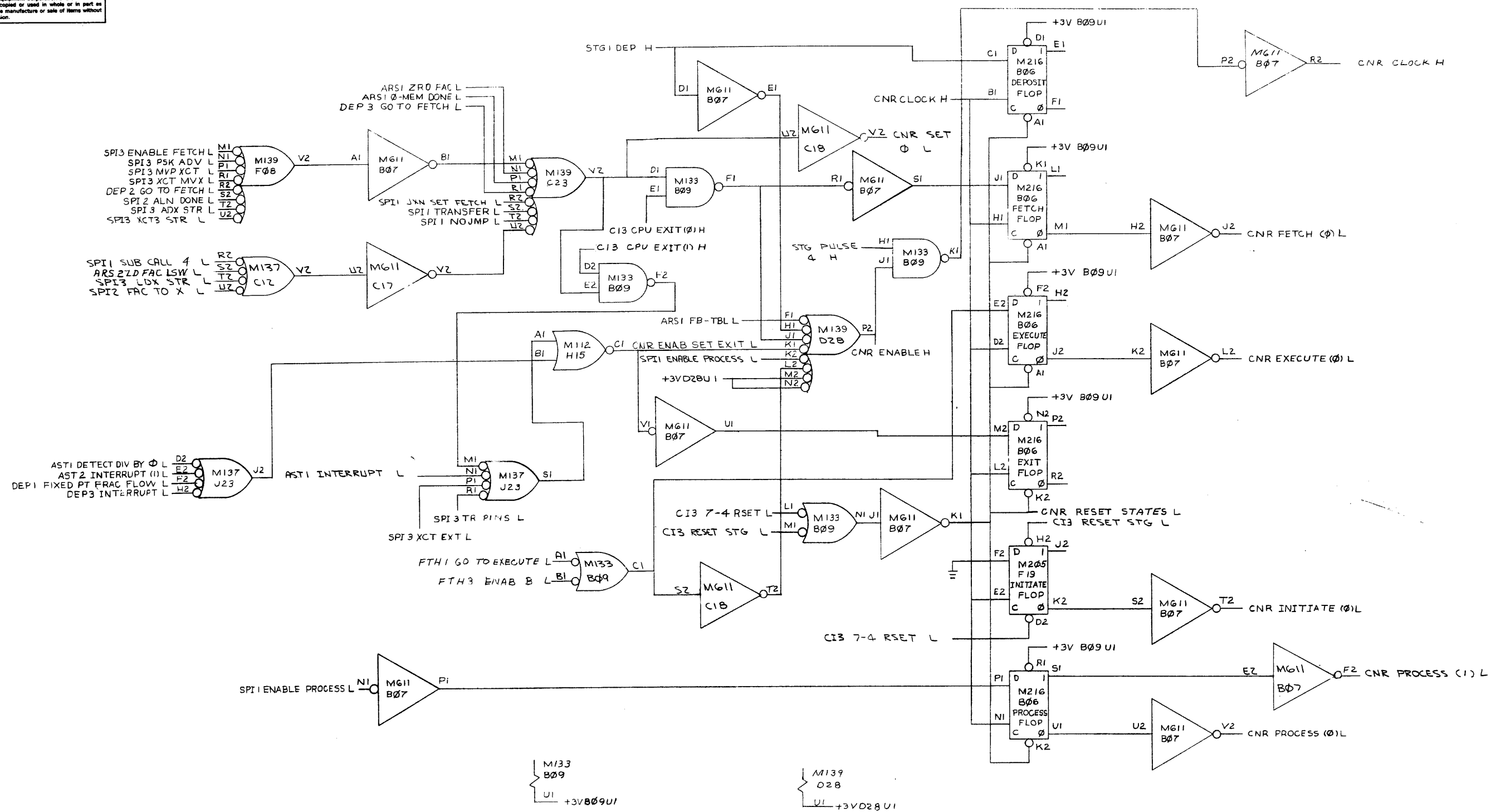
W130 / W131
A05

B1	+3V	
C1	DBC2 DATA ADD 00 L	(TRAPS)
H1	CNR EXECUTE FLOP (1) H	(BSR3)
N1	STG CT 1 H	(TST1)
S1	CAR7 FPIR 00 (1) H	(ISR0)
V1	STG CT 2 H	(TST2)
D2	CNR EXIT FLOP (1) H	(BSR4)
E2	CNR FETCH FLOP (1) H	(BSR1)
H2	CI3 INT REQ (1) H	(BSR12)
J2	DBC1 REQ BRK CYCLE (1) H	(BSR8)
K2	STG CT 0 H	(R/W)
L2	CNR PROCESS FLOP (1) H	(BSR7)
M2	CAR7 FPIR 01 (1) H	(ISR1)
N2	CNR DEPOSIT FLOP (1) H	(BSR15)
P2	STG CT 3 H	(ISR2)
R2	CNR INITIATE FLOP (1) H	(BSR0)
T2	DBC2 DATA ADD 01 H	(MSYN)
U2	DBC2 DATA ADD 02 H	(SSYN)
F2	CAR7 FPIR 02 (1) H	(ISR3)
E1	CAR7 FPIR 03 (1) H	(ISR7)
R1	CAR7 FPIR 04 (1) H	(ISR15)
K1	CAR7 FPIR 05 (1) H	(ISR14)
S2	CAR7 FPIR 06 (1) H	(ISR12)
M1	CAR7 FPIR 07 (1) H	(ISR0)
P1	CAR7 FPIR 08 (1) H	(N)
L1	CAR7 FPIR 09 (1) H	(Z)
F1	CAR7 FPIR 10 (1) H	(V)
D1	CAR7 FPIR 11 (1) H	(C)
J1	CAR8 SR0 (1) H	(T)

FIRST USED ON OPTION / MODEL PDP12	QTY.	DESCRIPTION	PART NO	ITEM NO
PARTS LIST				
UNLESS OTHERWISE SPECIFIED	DRN	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED	CHKD.	DATE	TITLE	
DIMENSION IN INCHES	ENG.	DATE	MAINTENANCE	
TOLERANCES	PROJ. ENG.	DATE	IOT CONTROL	
DECIMALS FRACTIONS ANGLES	PROD.	DATE	REV.	
± .005 ± 1/64 ± 0°30'	N. J. Conway	1-29-72	B-DD-FPPI2-A	
FINAL SURFACE QUALITY	NEXT HIGHER ASSY			
REMOVE BURRS AND BREAK SHARP CORNERS	SCALE			
	SHEET 2 OF 2			
	DIST.			



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FIRST USED ON OPTION MODEL : PDP12	QTY.	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED	DRN. V. 2.0	DATE	PARTS LIST	
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	CHK'D.	DATE	digital EQUIPMENT CORPORATION WATNARD, MASSACHUSETTS	
TOLERANCES	ENG.	DATE		
DECIMALS FRACTIONS ANGLES ± .005 ± 1/64 ± 0°30'	PROJ. AND	DATE	TITLE MAJOR STATE CONTROL	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	PROD	DATE		
MATERIAL	NEXT HIGHER ASSY B-DD-FPPI2-A		SIZE/CODE	NUMBER
FINISH	SCALE	NO. OF	REV.	
	SHEET	OF	DIST	

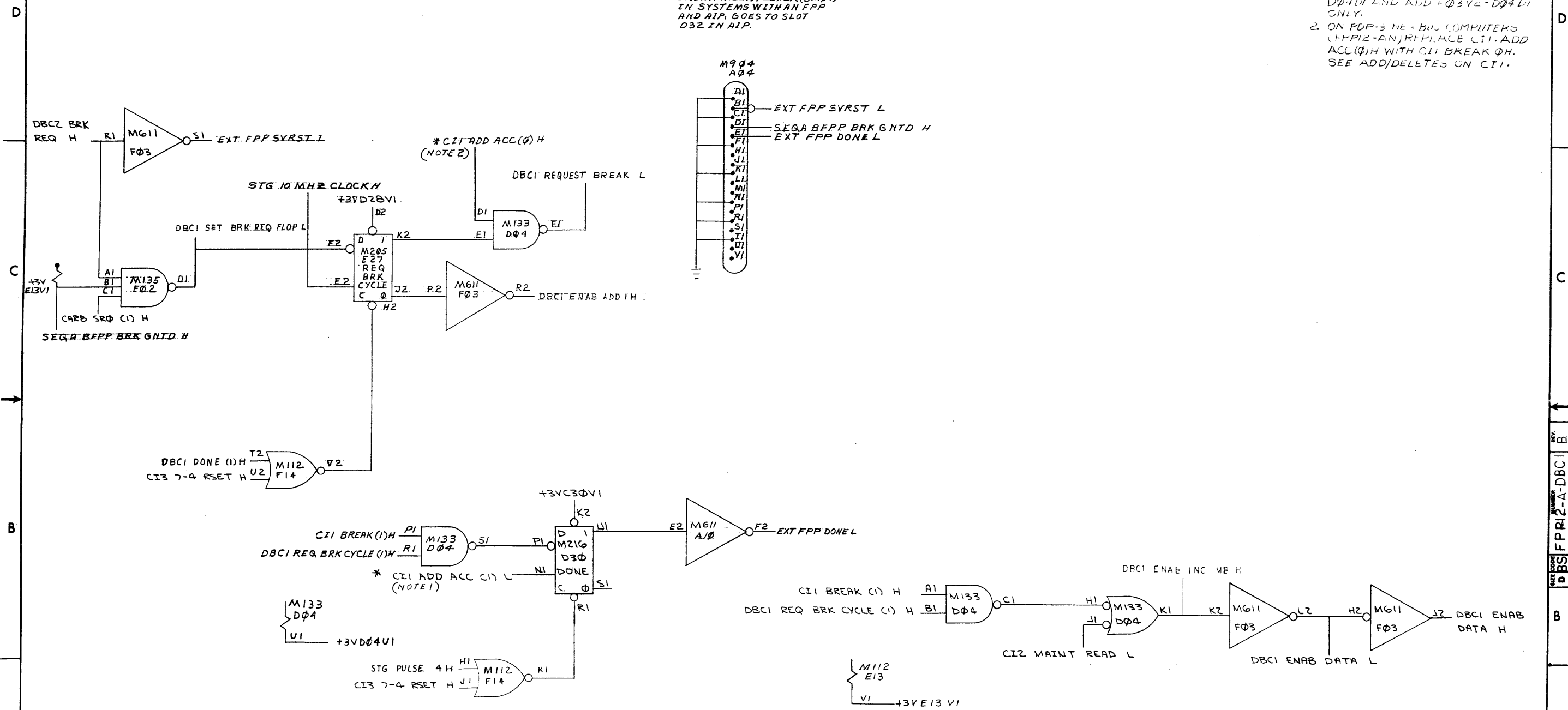
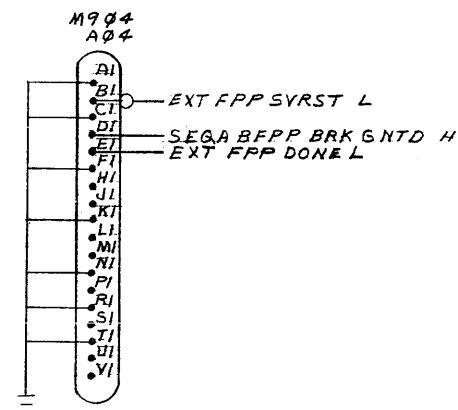
CHK	REVISIONS CHANGE NO	REV

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*NOTES:

- ON PDP-8 POS BUS COMPUTERS
REMOVE 'CII ADD ACC (1) L' (D30 NI
TO D04 D1) AND ADD 'CII BTS 5 (1) H'
(D30 NI TO A112) (FPP12-AB) ALSO
DO PART OF NOTE 2 DELETE A112-
D04 D1 AND ADD D03 VE-D04 D1
ONLY.
- ON PDP-5 NE-BUS COMPUTERS
(FPP12-AN) REPLACE CII-ADD
ACC (0) H WITH CII BREAK 0 H.
SEE ADD/DELETES ON CII.

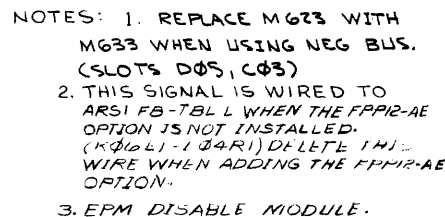
THE CABLE BELOW IS
USED IN LIEU OF A DATA
BREAK MULTIPLEXER (DM04)
IN SYSTEMS WITH AN FPP
AND AIP, GOES TO SLOT
032 IN AIP.



REV.	CHG.	NO.	DATE	BY	CHK.
1	1	1	5-10-72	MOORE	
2	1	1	5-10-72	MOORE	
3	1	1	7-13-72	MOORE	

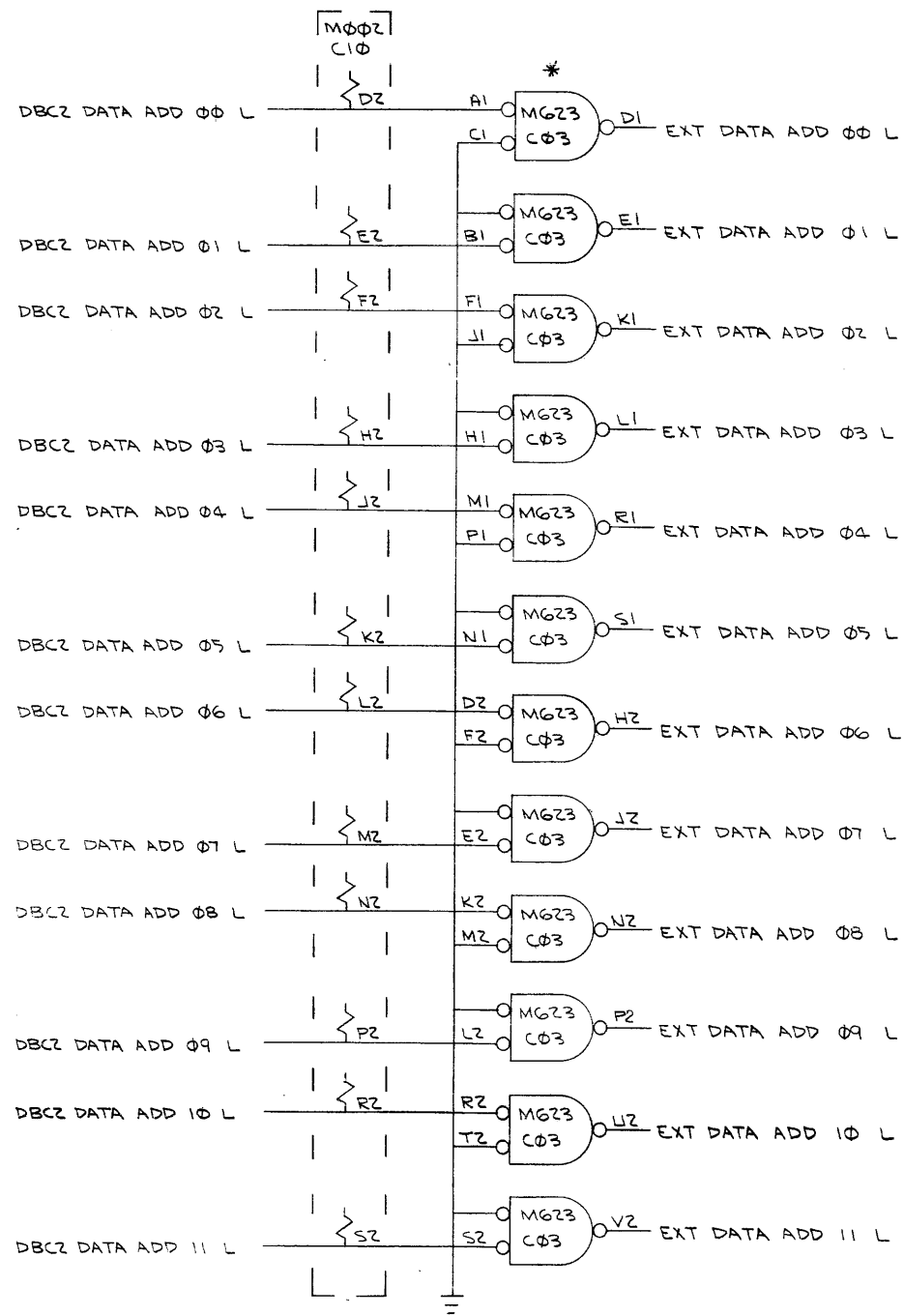
FIRST USED ON OPTION/MODEL PDP12	QTY.	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED				
UNLESS OTHERWISE SPECIFIED				
TOLERANCES				
DIMENSION IN INCHES				
DECIMALS FRACTIONS ANGLES				
± .005 ± 1/64 ± 0°30'				
FINAL SURFACE QUALITY				
REMOVE BURRS AND BREAK SHARP CORNERS				
MATERIAL				
FINISH				
NEXT HIGHER ASSY				
SCALE				
SHEET				
TITLE				
digital EQUIPMENT CORPORATION				
DATA BRK CONTROL I				
B-DD-FPP12-A				
SIZE CODE				
DPS FPP12-				
REV.				
DBC1				

A



FIRST USED ON: OPTION/MODEL PDPI2	QTY.	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES DECIMALS FRACTIONS ANGLES $\pm .005$ $\pm 1/64$ $\pm 0^{\circ}30'$ FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	DRA. <i>W.K. Gable</i> CHK'D. <i>W.K. Gable</i> ENG'D. <i>W.K. Gable</i> PROJ. ENG. <i>W.K. Gable</i> PROD. <i>M.D. Company</i> NEXT HIGH R. ASSY	DATE <i>10-27-72</i> DATE <i>10-27-72</i> DATE <i>11-11-72</i> DATE <i>11-21-72</i> DATE <i>11-27-72</i>	PARTS LIST digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE DATA BREAK ADD MUX
MATERIAL <i>+/+/</i>	B-DD-FPPI2-A	SIZE CODE D/BS	NUMBER FPPI2-A-DBC2	REV. B
FINISH <i>+/+/</i>	SCALE NONE SHEET OF 2	DIST.		

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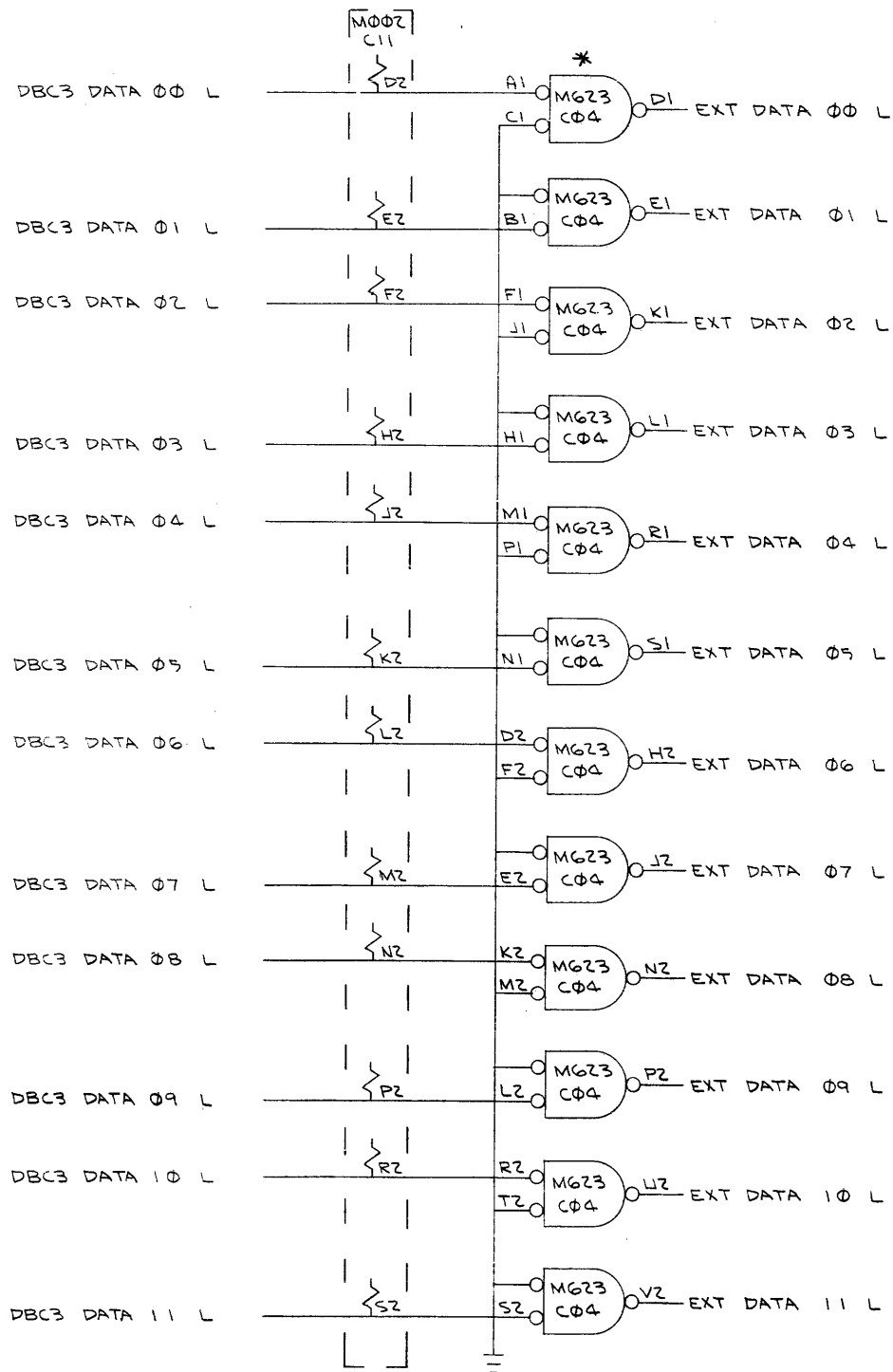


FIRST USED ON OPTION/MODEL PDP12		QTY.	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED		PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DATE	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS		
DIMENSION IN INCHES		DATE	TITLE		
TOLERANCES		DATE	DATA BREAK		
DECIMALS FRACTIONS ANGLES		DATE	ADD MUX		
± .005 ± 1/64 ± 0°30'		DATE	NEXT HIGHER ASSY		
FINAL SURFACE QUALITY		DATE	B-DD-FPPI2-A		
REMOVE BURRS AND BREAK SHARP CORNERS		DATE	SCALE		
MATERIAL		DATE	SHEET 2 OF 2		
FINISH		DATE	DIST.		

REV.	1
CHANGE NO.	1
CHK	1

DEC FORM NO
DRD 102A

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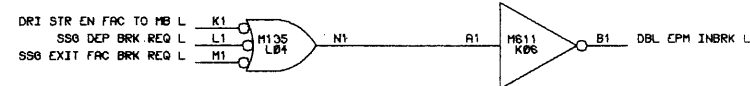
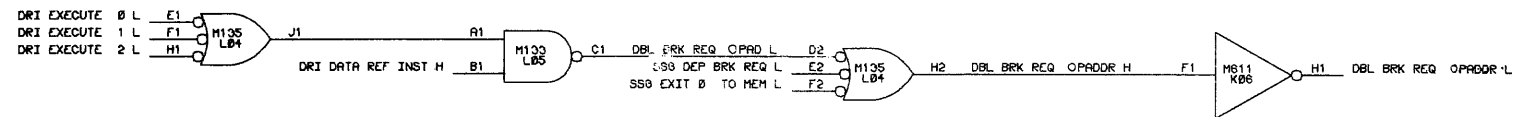
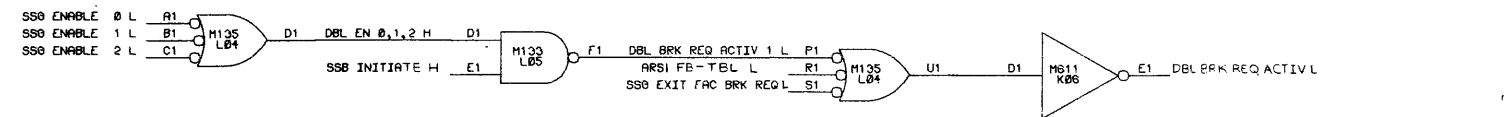


PDPI2		QTY.	DESCRIPTION	PART NO.	ITEM NO.
DO NOT SCALE DRAWING		DRN	DATE	PARTS LIST	
UNLESS OTHERWISE SPECIFIED		CHK'D	DATE	digital EQUIPMENT CORPORATION	
DIMENSION IN INCHES		ENG	DATE	MAYNARD, MASSACHUSETTS	
TOLERANCES		PROJ. ENG.	DATE	TITLE	
DECIMALS FRACTIONS ANGLES		PROD.	DATE	DATA MUX	
± .005 ± 1/64 ± 0°30'					
FINAL SURFACE QUALITY					
REMOVE BURRS AND BREAK SHARP CORNERS					
MATERIAL		NEXT HIGHER ASSY			
+ / +		B-DD-FPPI2-A			
FINISH		SCALE			
+ / +		SHEET 2 OF 2			
		SIZE CODE		NUMBER	REV.
		D B S		FPPI2-A-DBC3	A
		DIST.			

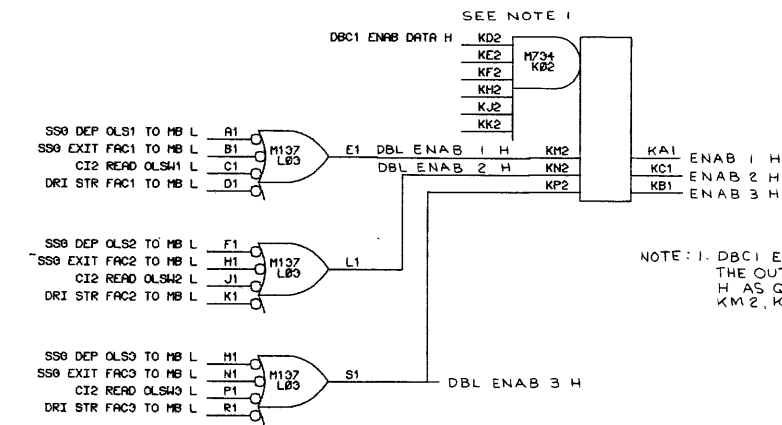
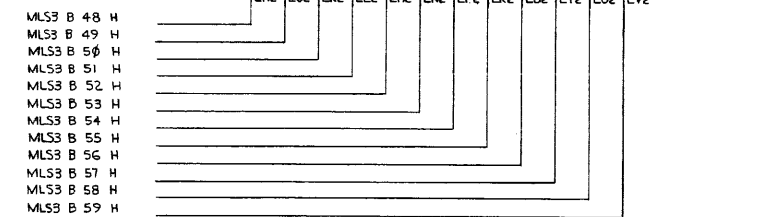
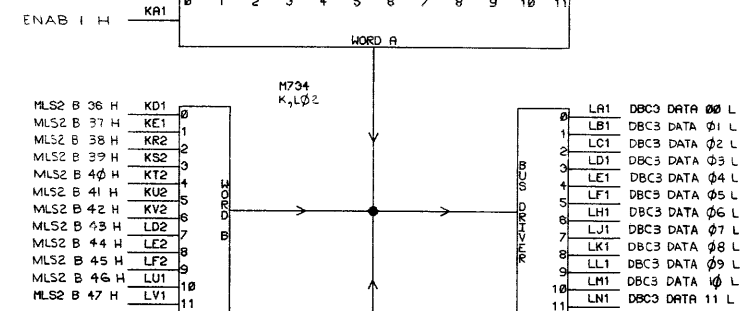
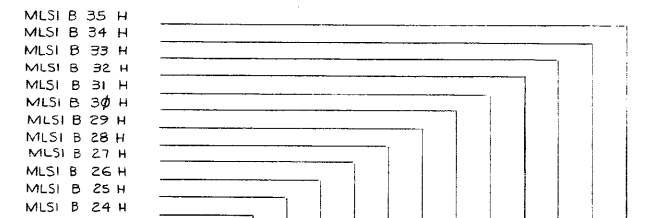
REV. A
ITEM NO. DBC3
NUMBER FPPI2-A
SIZE CODE D B S

A

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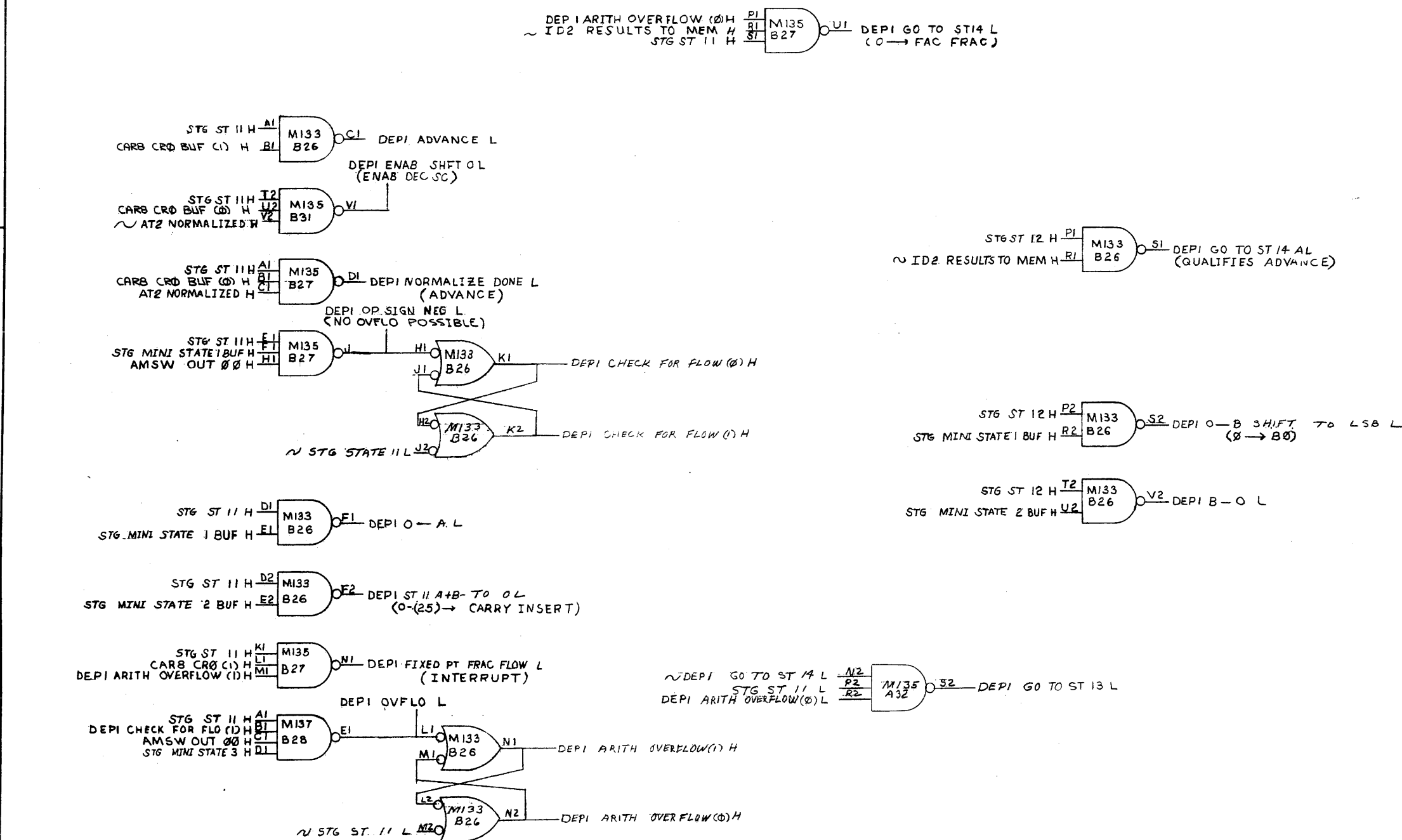


NOTE: IN LOCATION K06, PINS C1, M2
AND N2 ARE GROUNDED



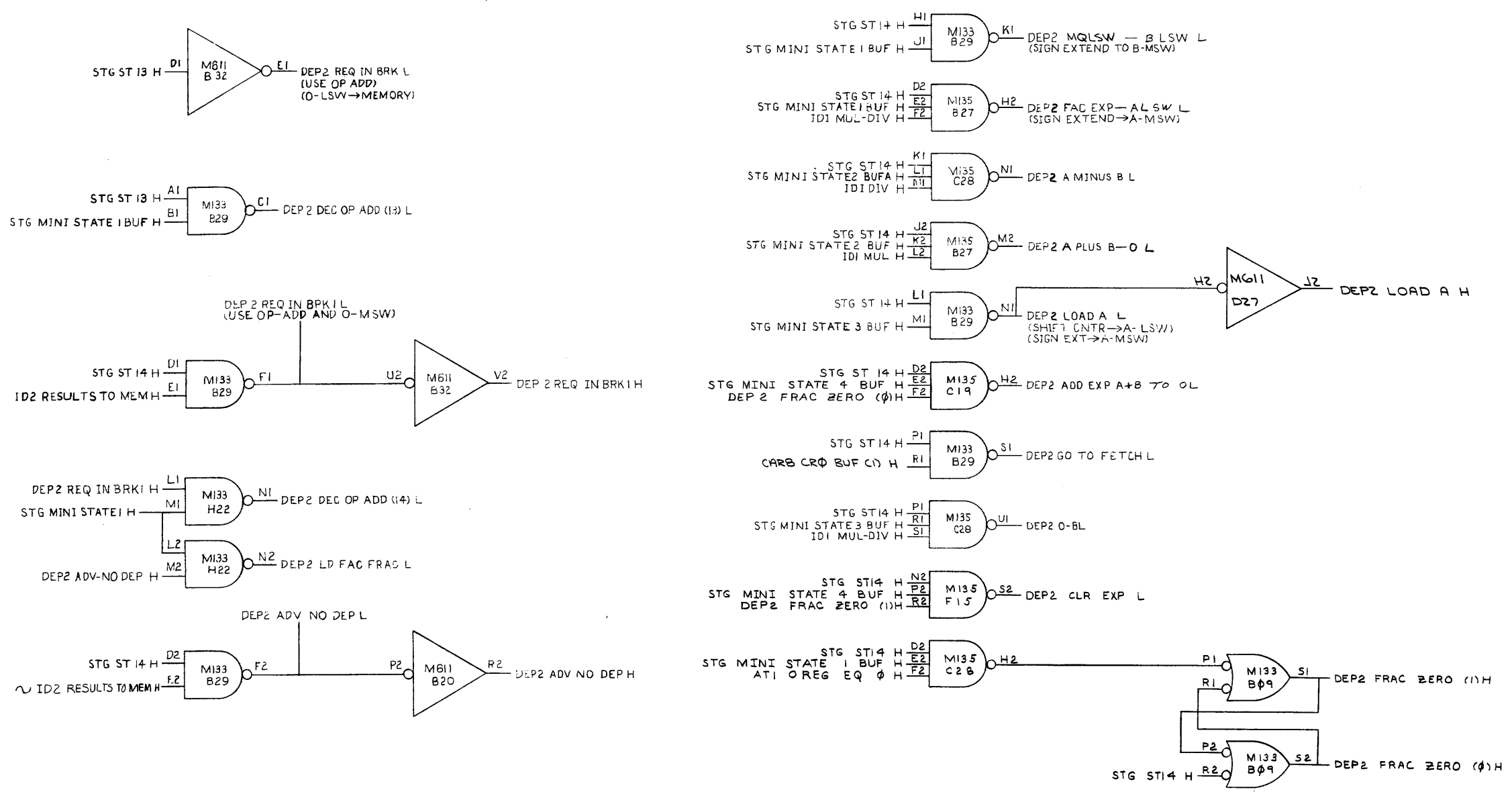
FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP12			PARTS LIST		
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN. <i>John</i> DATE <i>11/24/71</i> CHK'D <i>B. Enns</i> DATE <i>12-1-71</i> ENG. <i>B. Enns</i> DATE <i>12-1-71</i> PROJ. ENG. <i>B. Enns</i> DATE <i>12-1-71</i> PROD. <i>B. Enns</i> DATE <i>12-1-71</i>	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		
DECIMALS .XXX = .005 .XX = .02 .X = .1		ANGLES ± 0° 30'	TITLE DATA BREAK LOGIC (EXTENDER MODE)		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY					
MATERIAL //		NEXT HIGHER ASSY.			
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FIRST USED (OPTION) MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP 12				
UNLESS OTHERWISE SPECIFIED				
DRN.	DATE	PARTS LIST		
CHK'D.	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		
ENG.	DATE	TITLE		
PRG. ENG.	DATE	DEPOSIT RESULTS I		
PROD.	DATE	NEXT HIGHER ASSY		
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FINISH		SCALE NONE		
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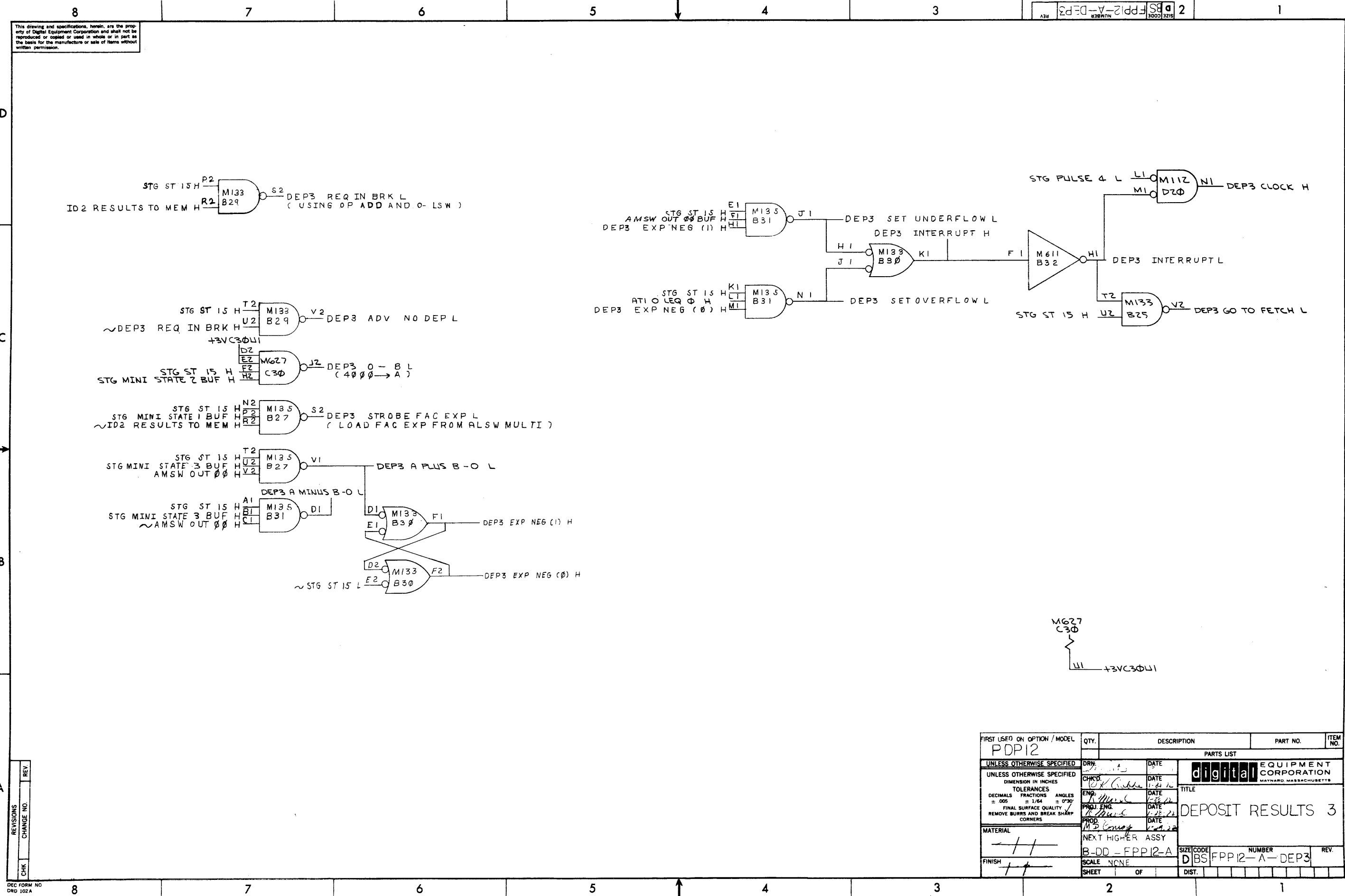
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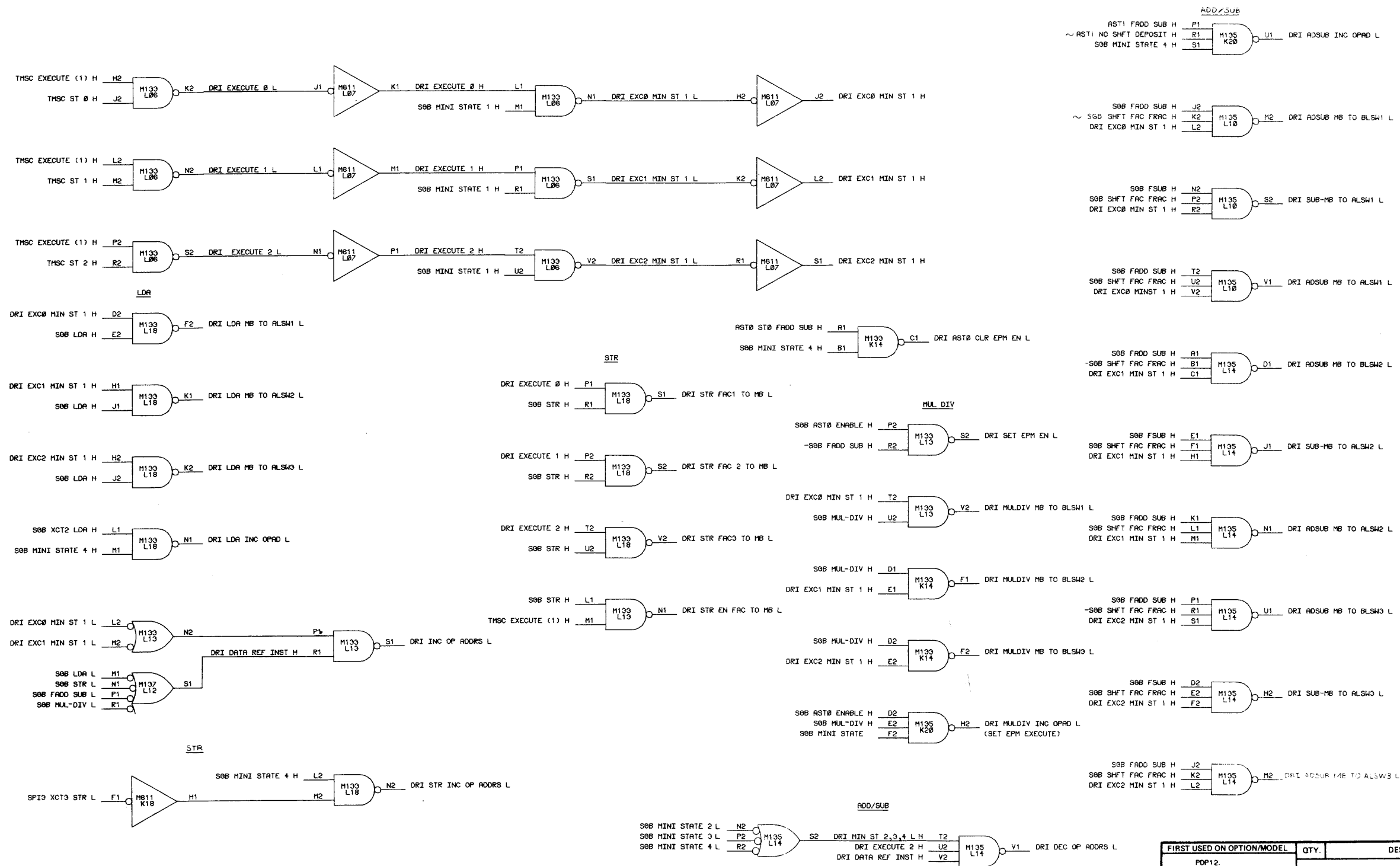
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UNLESS OTHERWISE SPECIFIED		DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		
DIMENSION IN INCHES		DATE	TITLE		
TOLERANCES		DATE	DEPOSIT RESULTS 2		
DECIMALS FRACTIONS ANGLES		DATE	REV.		
± .005 ± 1/64 ± 0°30'		DATE	D BS FPP12-A-DEP2		
FINAL SURFACE QUALITY		DATE	NUMBER		
REMOVE BURRS AND BREAK SHARP CORNERS		DATE	REV.		
MATERIAL		DATE	D BS FPP12-A-DEP2		
NEXT HIGHER ASSY		DATE	NUMBER		
B-DD-FPP12-A		DATE	REV.		
FINISH		DATE	D BS FPP12-A-DEP2		
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SHEET OF		DATE	REV.		

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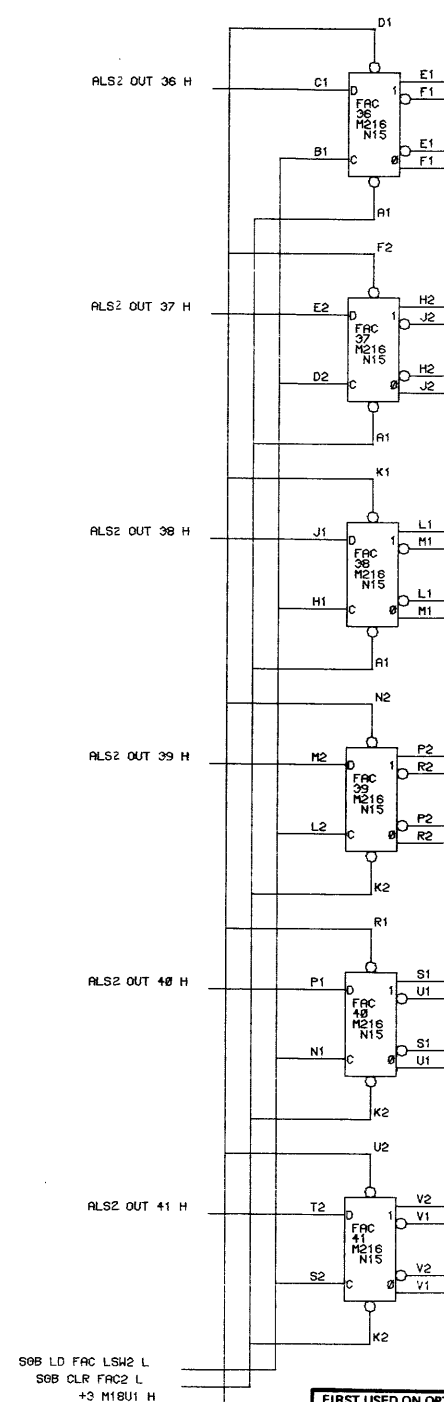
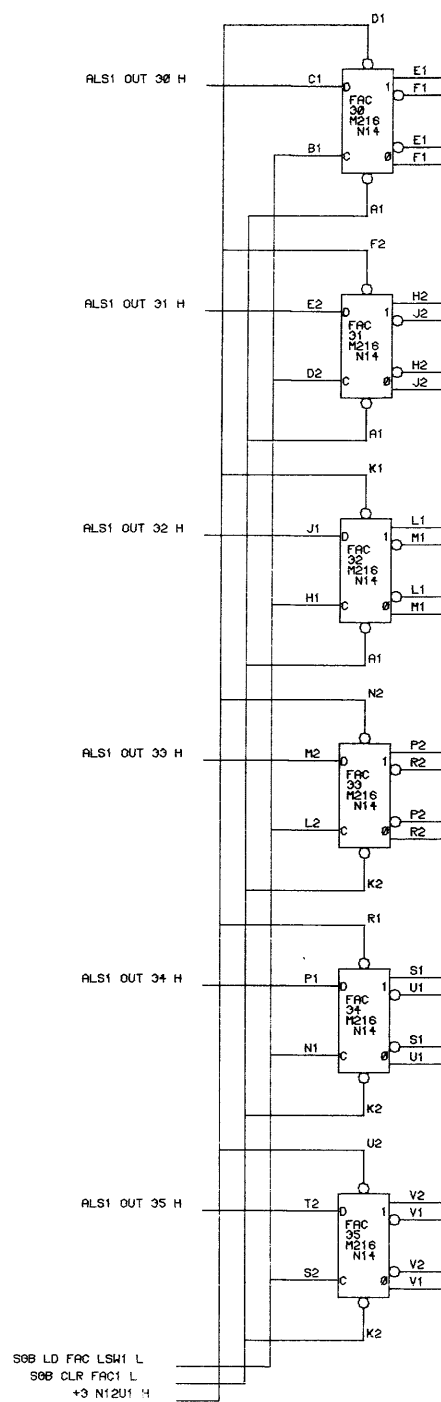
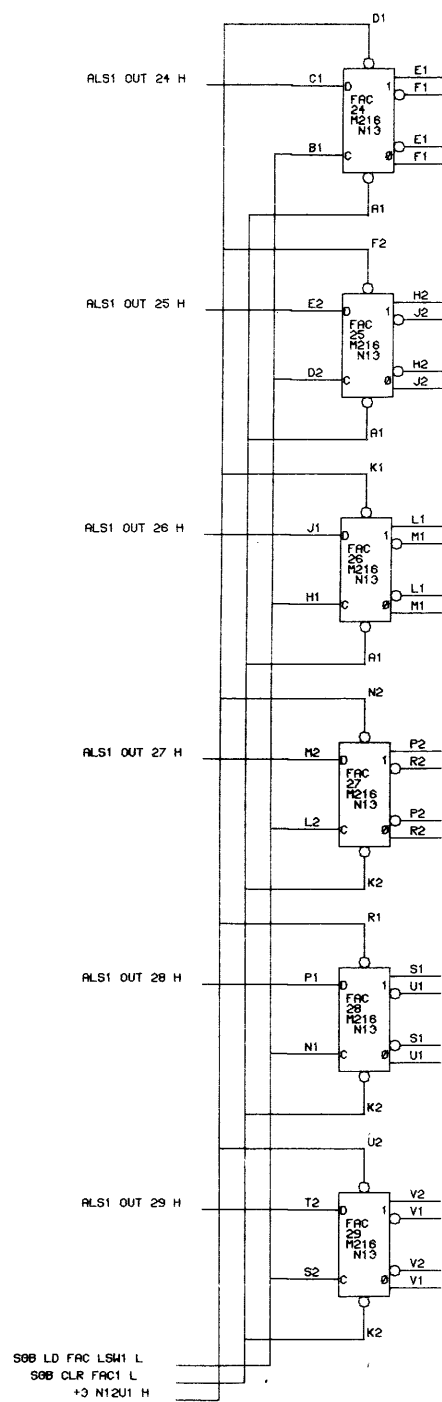
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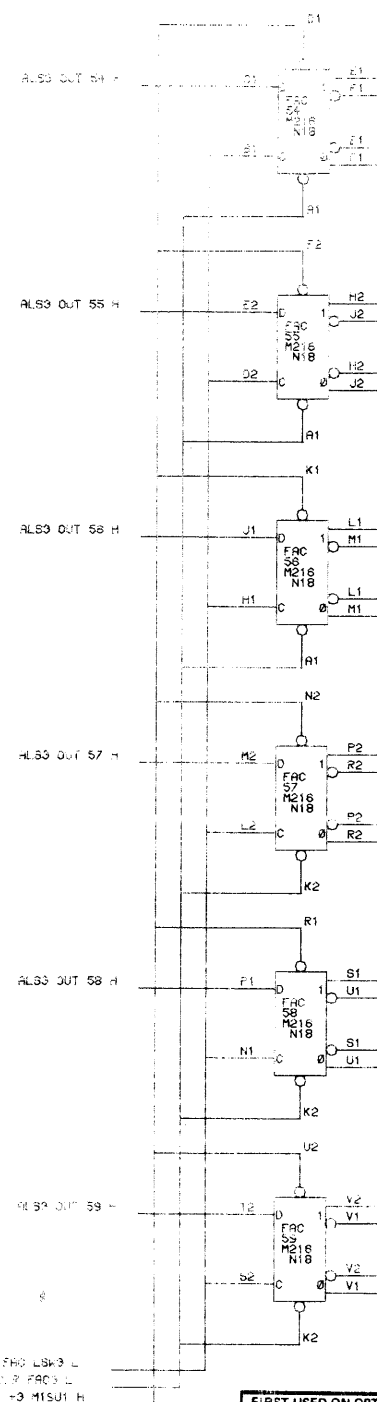
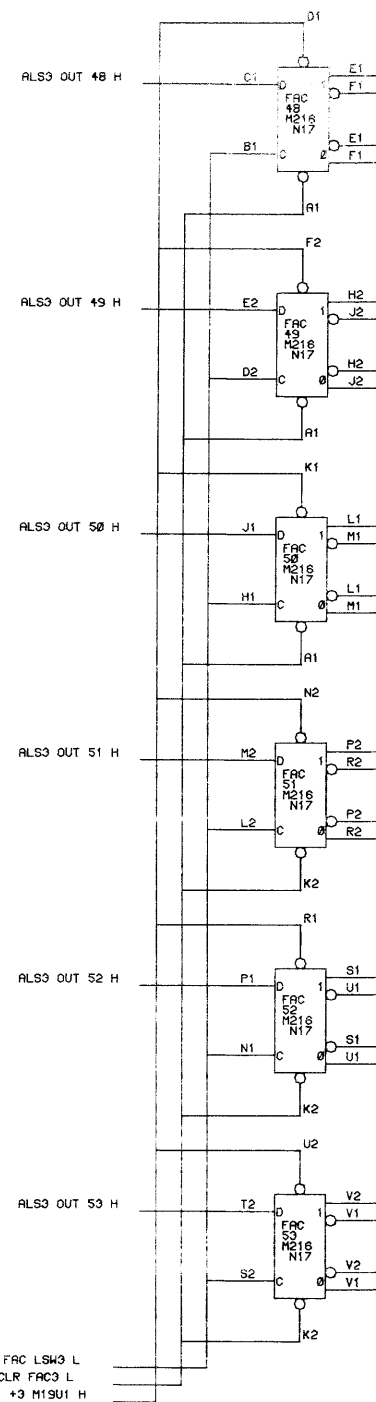
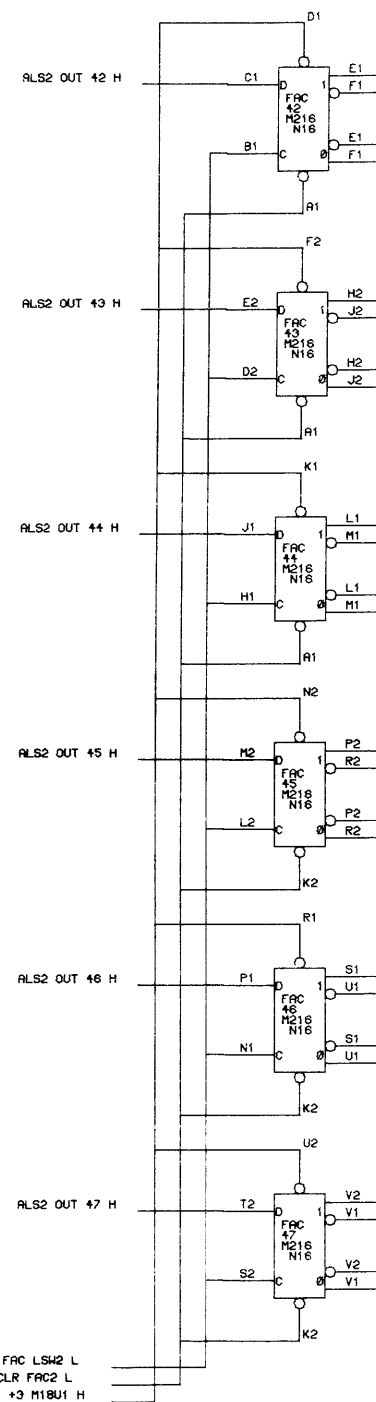
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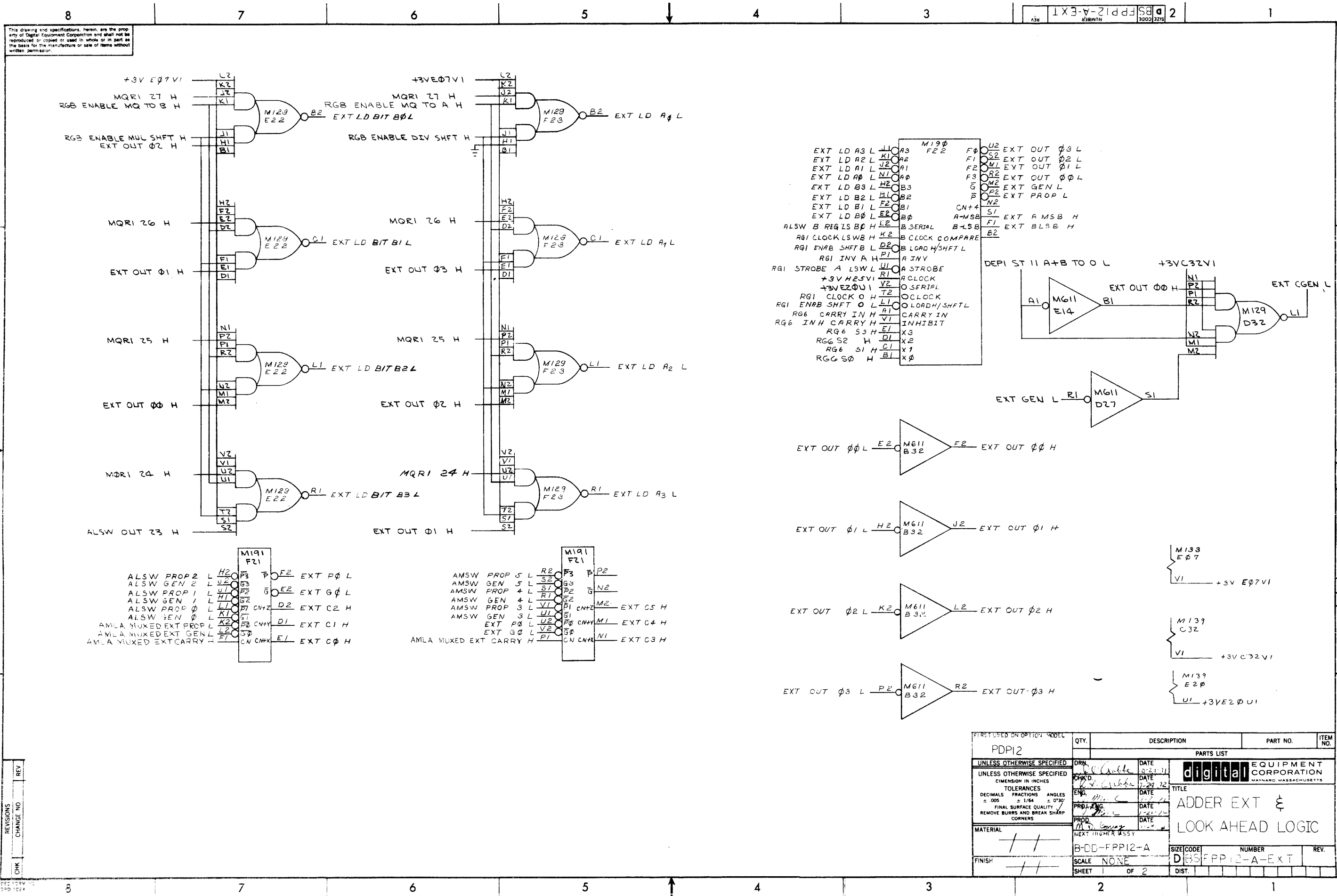
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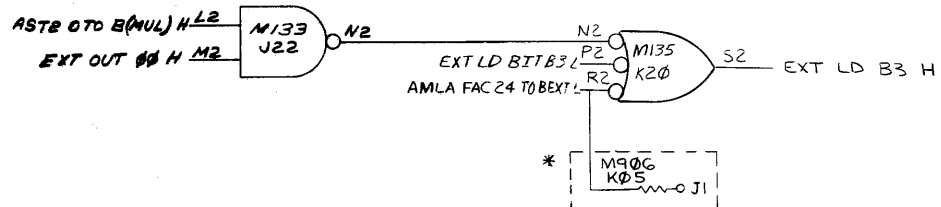
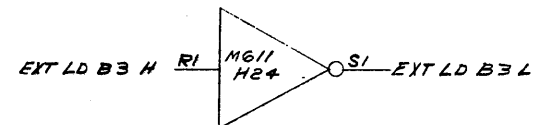
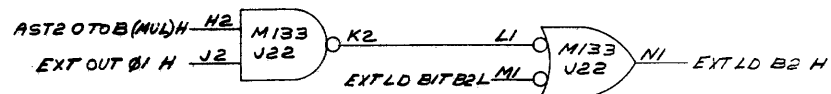
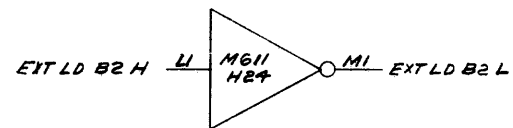
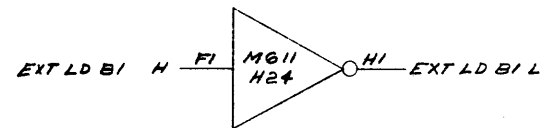
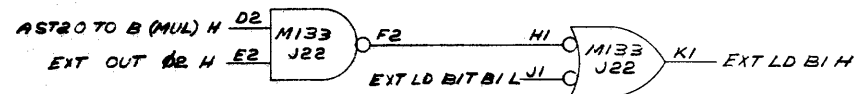
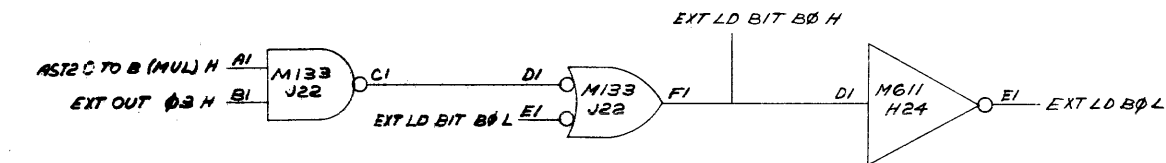


REVISIONS		
CHK.	CHANGE NO.	REV.

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	REV.
PDP12					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES		DRN <i>[Signature]</i>	DATE 11/5/71	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS	
DECIMALS		CHKD <i>[Signature]</i>	DATE 12-6-71		
ANGLES		ENG <i>[Signature]</i>	DATE	TITLE	
XXX - .006		PROJ. ENG. <i>[Signature]</i>	DATE	EXTENDED ACCUMULATOR LSM2	
XX - .02		PROD. <i>[Signature]</i>	DATE		
X - .1					
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY					
MATERIAL		NEXT HIGHER ASSY.			
FINISH		B-DD-FPPI2-A		SIZE CODE	NUMBER
		SCALE NONE		D BS	FORM 2-A-ENG
		SHEET 1 OF 1		DIST.	



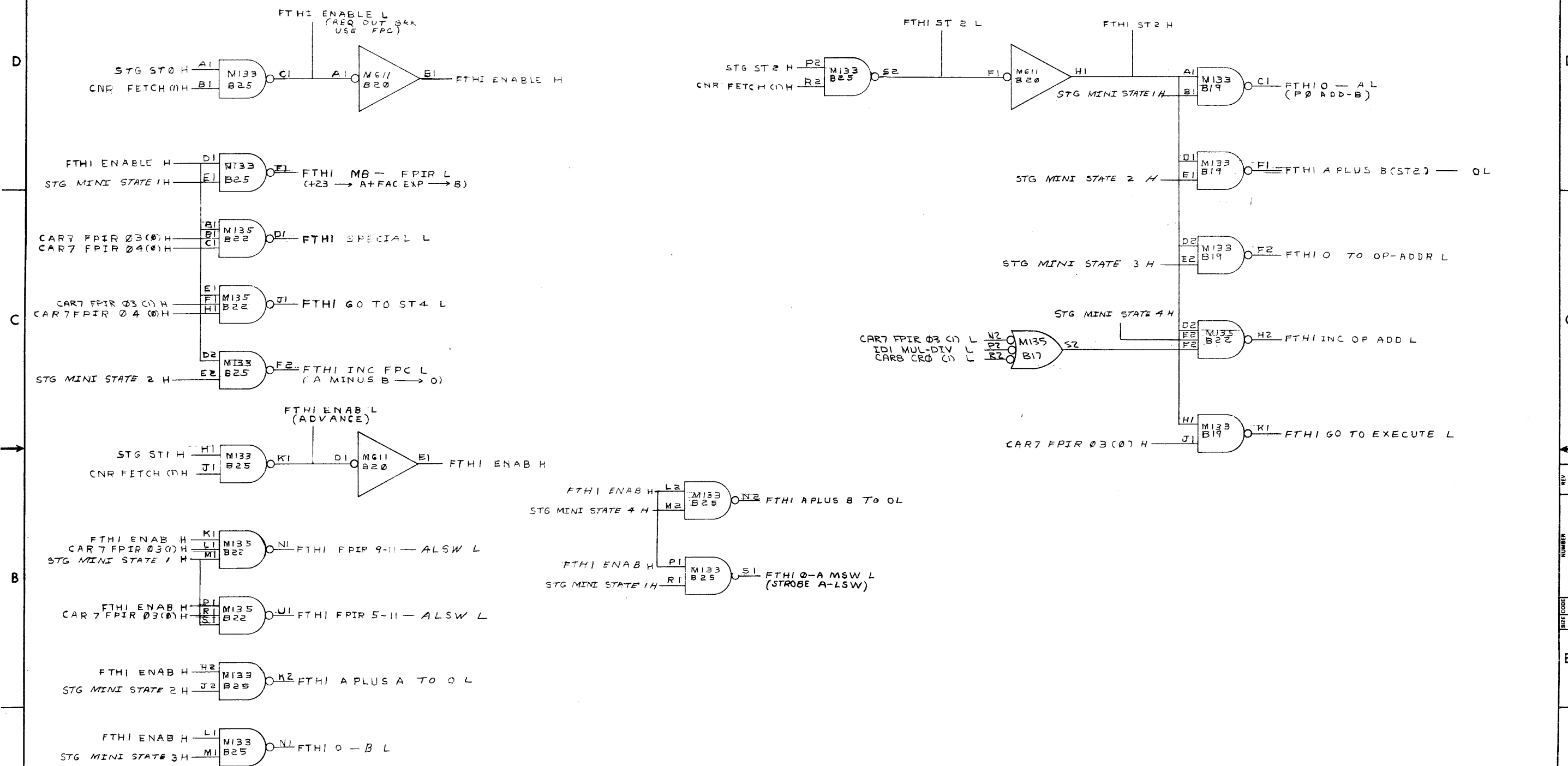
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* EPM DISABLE MODULE

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDPI2					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		CHK'D	DATE	PARTS LIST	
DECIMALS	ANGLES	ENG.	DATE	TITLE	
.XXX = .005	± 0° 30'	PROJ. ENG.	DATE	ADDER EXT &	
.XX = .02		PROD.	DATE	LOOK AHEAD LOGIC	
.X = .1			DATE		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY					
MATERIAL		NEXT HIGHER ASSY.			
FINISH		SCALE			
		SHEET 2 OF 2			
		B-DD-FPPI2-A		SIZE CODE	NUMBER
		D BS FPPI2-A-EXT		REV.	
		DIST.			

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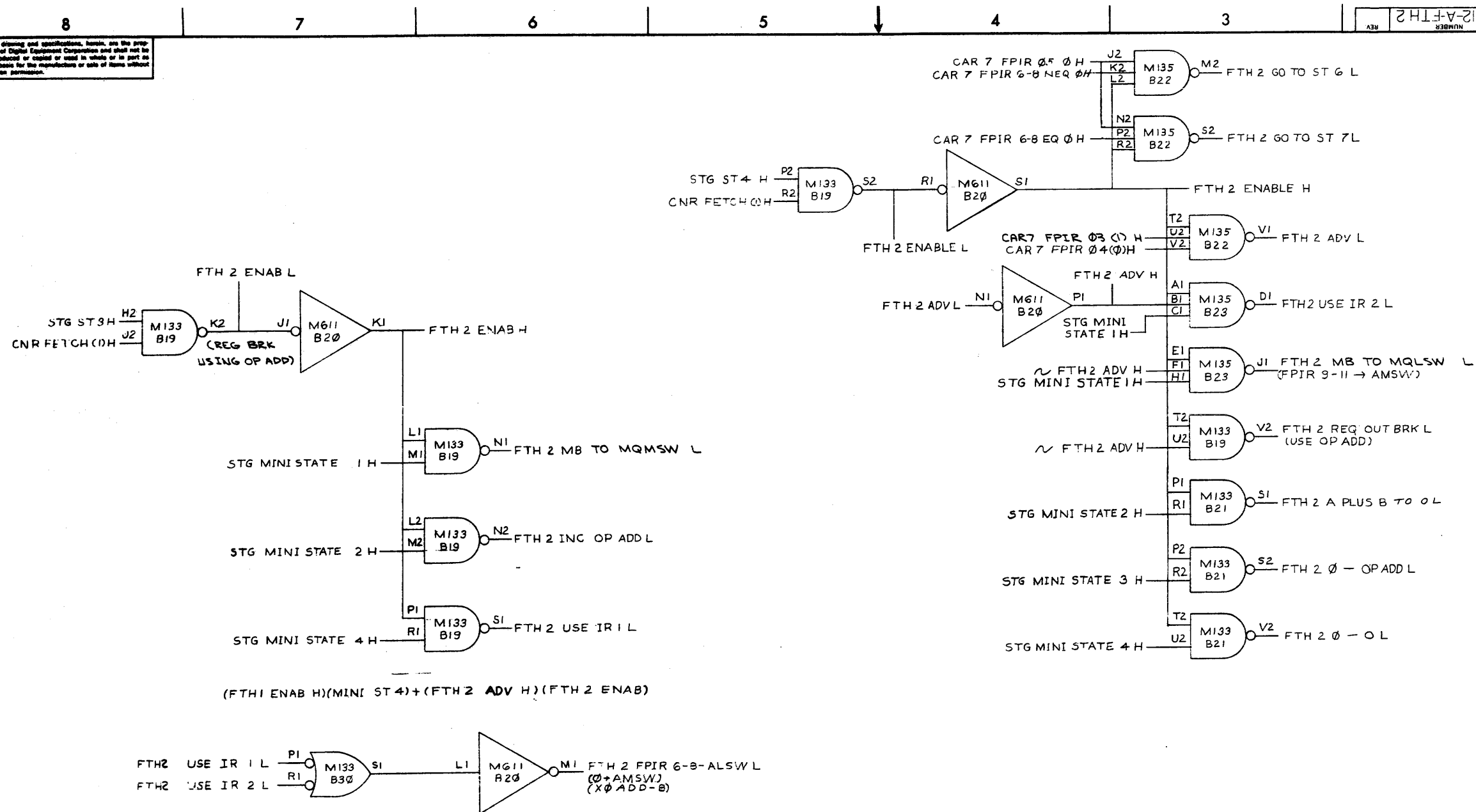


REV	CHG	NO
1	1	1

DEC FORM NO
ORD 102A

FIRST USED ON OPTION MODEL PDPI2	QTY	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED				
UNLESS OTHERWISE SPECIFIED				
DIMENSION IN INCHES				
TOLERANCES				
DECIMALS FRACTIONS ANGLES				
± .005 ± 1/64 ± 0°30'				
FINAL SURFACE QUALITY				
REMOVE BURRS AND BREAK SHARP CORNERS				
MATERIAL				
FINISH				
NEXT HIGHER ASSY				
B-00-FPPI2-A				
SCALE				
SHEET 1 OF 1				
PARTS LIST				
digital EQUIPMENT CORPORATION WATNARD, MASSACHUSETTS				
TITLE				
FETCH 1				
SIZE CODE NUMBER REV.				
DBSFPP12-A-FTHI				
DIST.				

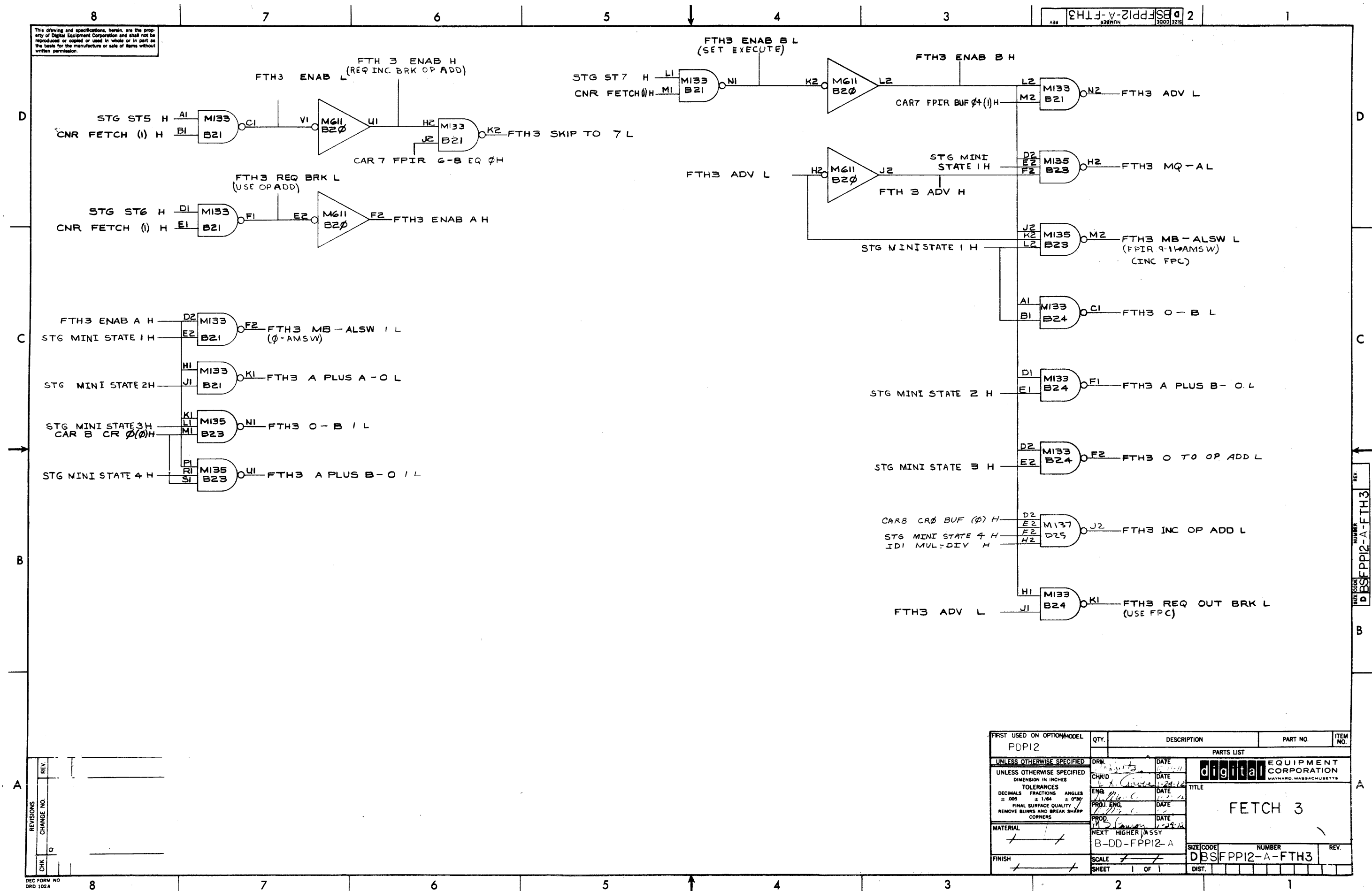
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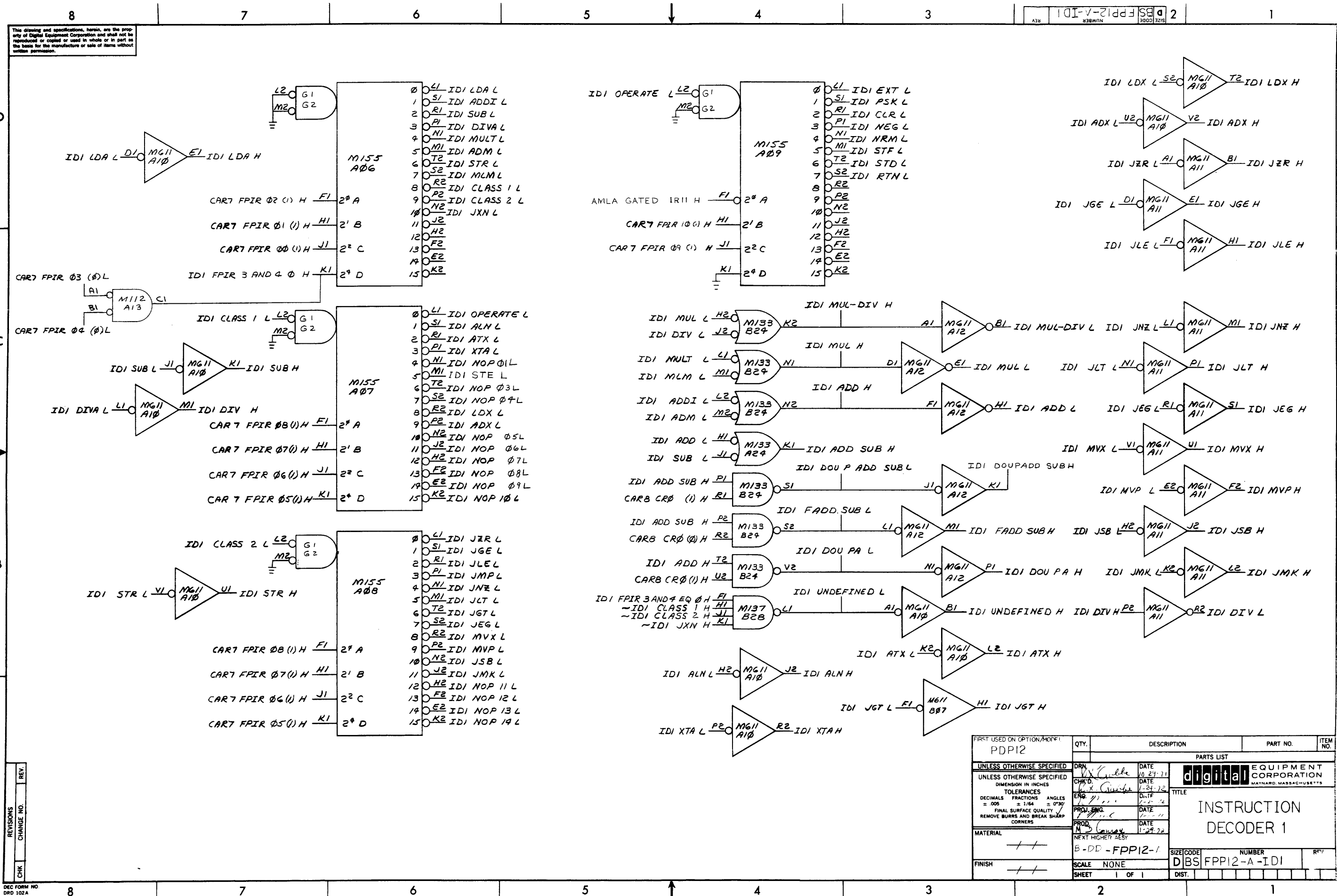


REV	CHANGE NO.

DEC FORM NO. 102A

FIRST USED ON OPTION / MODEL PDP 12	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED	DRN.	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED	CHK'D.	DATE	TITLE	
DIMENSION IN INCHES	ENG.	DATE	FETCH 2	
TOLERANCES	PRG. ENG.	DATE		
DECIMALS FRACTIONS ANGLES	PROD.	DATE		
± .005 ± 1/64 ± .030				
FINAL SURFACE QUALITY				
REMOVE BURRS AND BREAK SHARP CORNERS				
MATERIAL	NEXT HIGHER ASSY			
FINISH	B-DD-FPPI2-A			
SCALE NONE	SIZE CODE D BS FPP12-A-FTH 2			
SHEET 1 OF 1	DIST.			

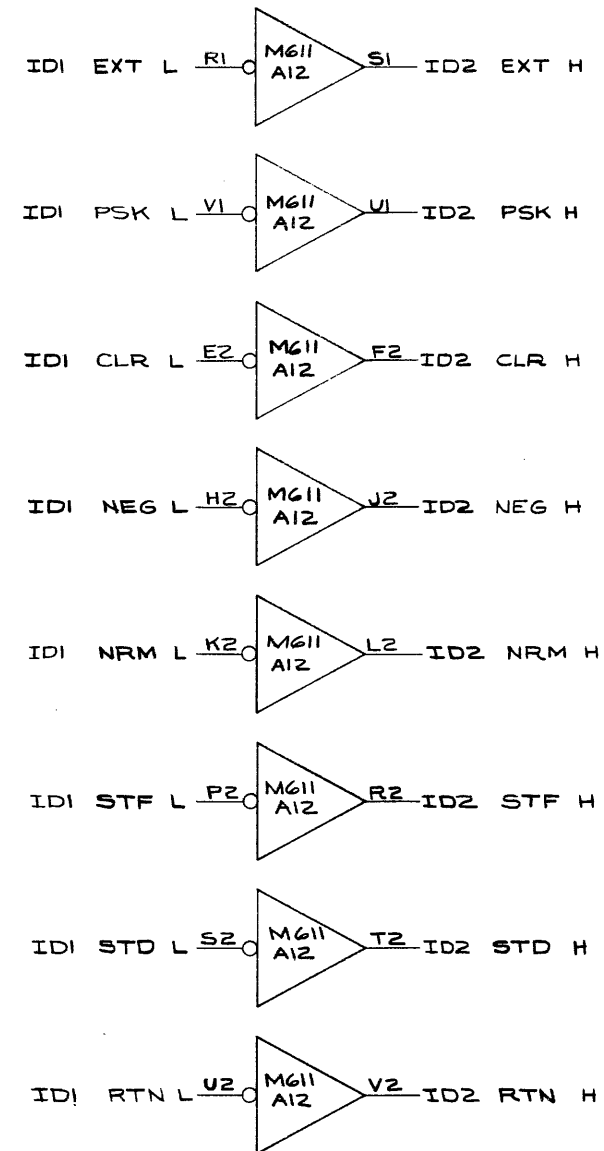
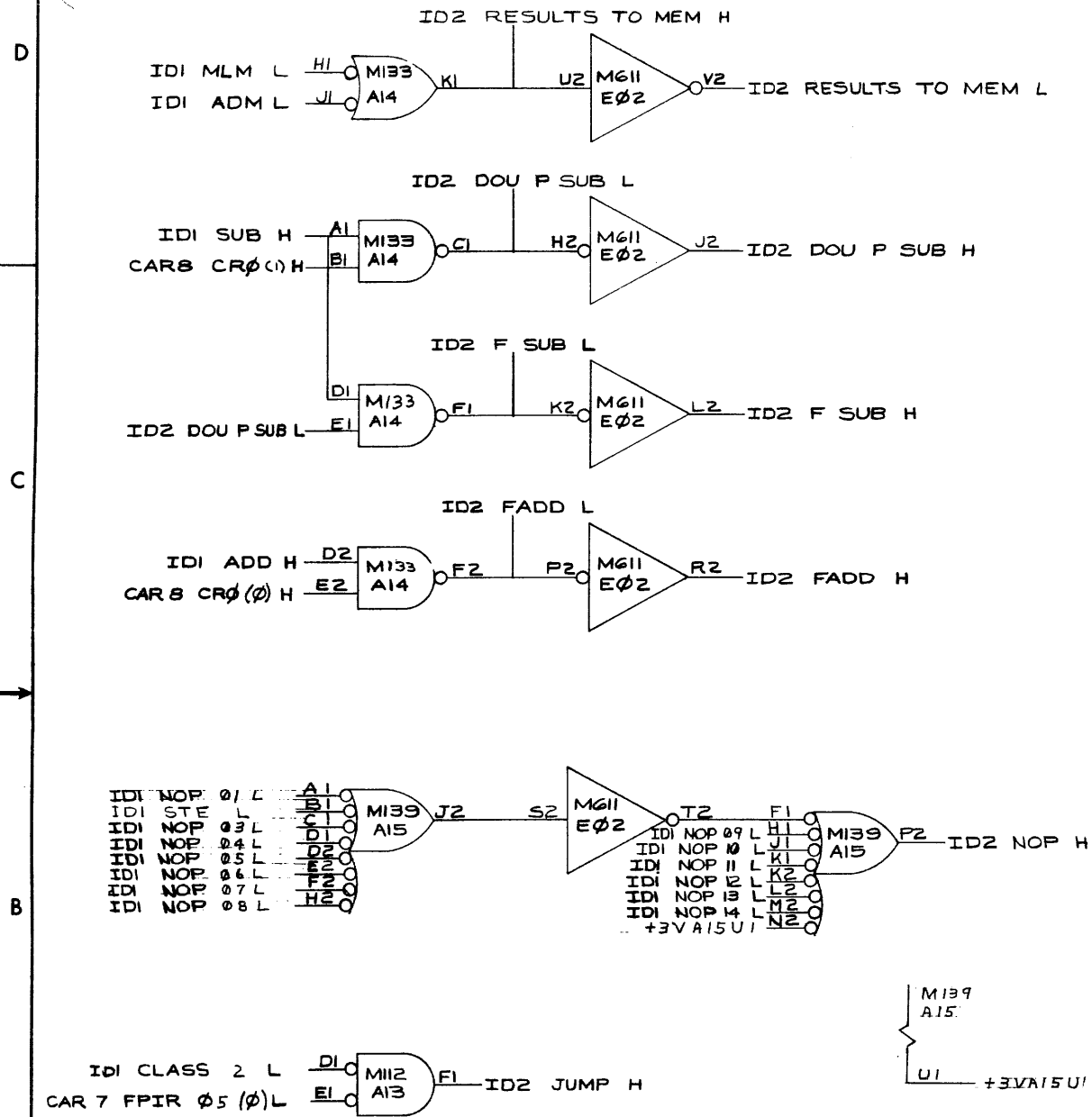




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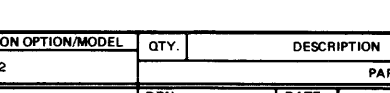
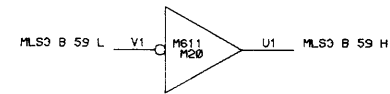
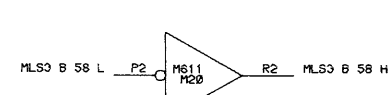
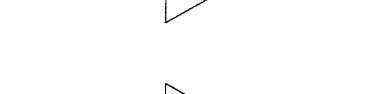
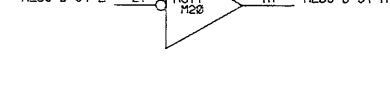
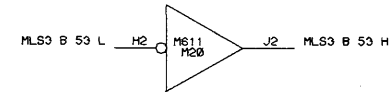
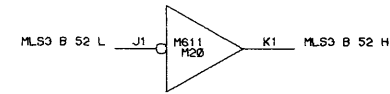
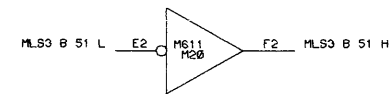
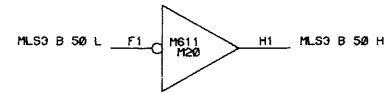
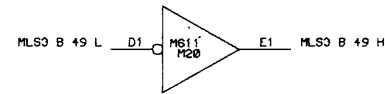
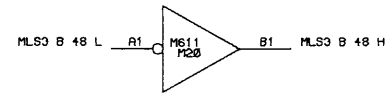
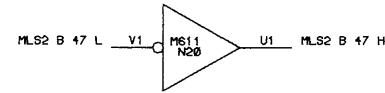
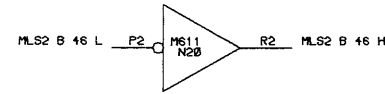
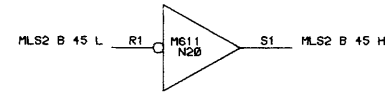
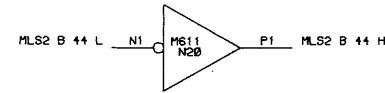
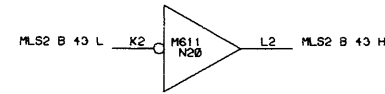
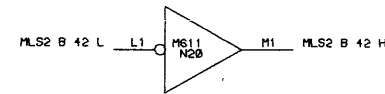
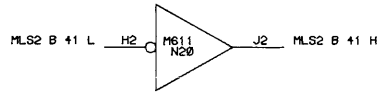
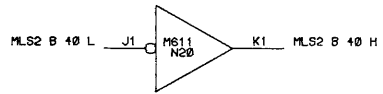
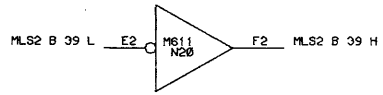
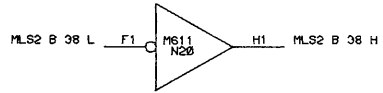
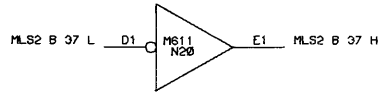
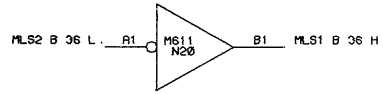
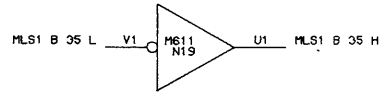
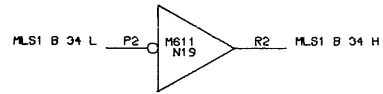
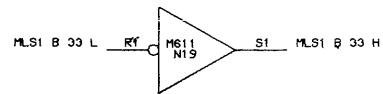
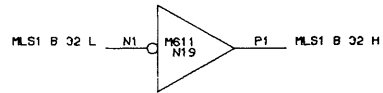
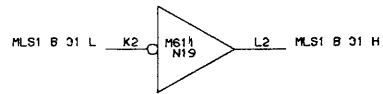
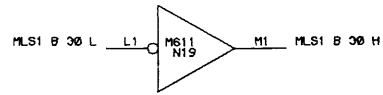
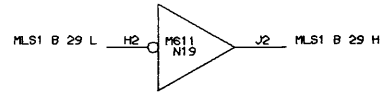
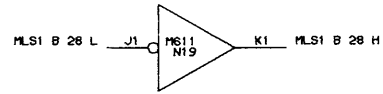
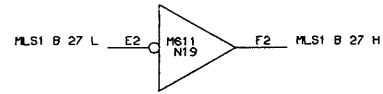
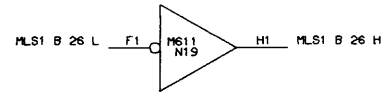
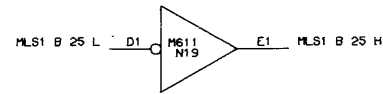
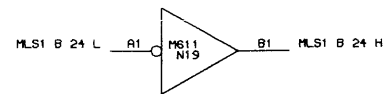
FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP12					
UNLESS OTHERWISE SPECIFIED		PARTS LIST			
UNLESS OTHERWISE SPECIFIED		digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
TOLERANCES		TITLE			
DECIMALS FRACTIONS ANGLES		INSTRUCTION DECODER 1			
± .005 ± 1/64 ± 0°30'		SIZE CODE NUMBER REV			
FINAL SURFACE QUALITY		B-DD-FPPI2-1			
REMOVE BURRS AND BREAK SHARP CORNERS		D B S F P P I 2 - A - I D I			
MATERIAL		SHEET 1 OF 1			
FINISH		DIST.			

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FIRST USED ON OPTION MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP12					
UNLESS OTHERWISE SPECIFIED		PARTS LIST			
UNLESS OTHERWISE SPECIFIED		digital EQUIPMENT CORPORATION			
DIMENSION IN INCHES		MAYNARD, MASSACHUSETTS			
TOLERANCES		TITLE			
DECIMALS FRACTIONS ANGLES		INSTRUCTION			
± .005 ± 1/64 ± 0°30'		DECODER 2			
FINAL SURFACE QUALITY		SIZE CODE			
REMOVE BURRS AND BREAK SHARP CORNERS		DPSFPPI2-A-ID2			
MATERIAL		NUMBER			
NEXT HIGHER ASSY		REV.			
BDD-FPPI2-A					
FINISH		SCALE			
		SHEET 1 OF 1			

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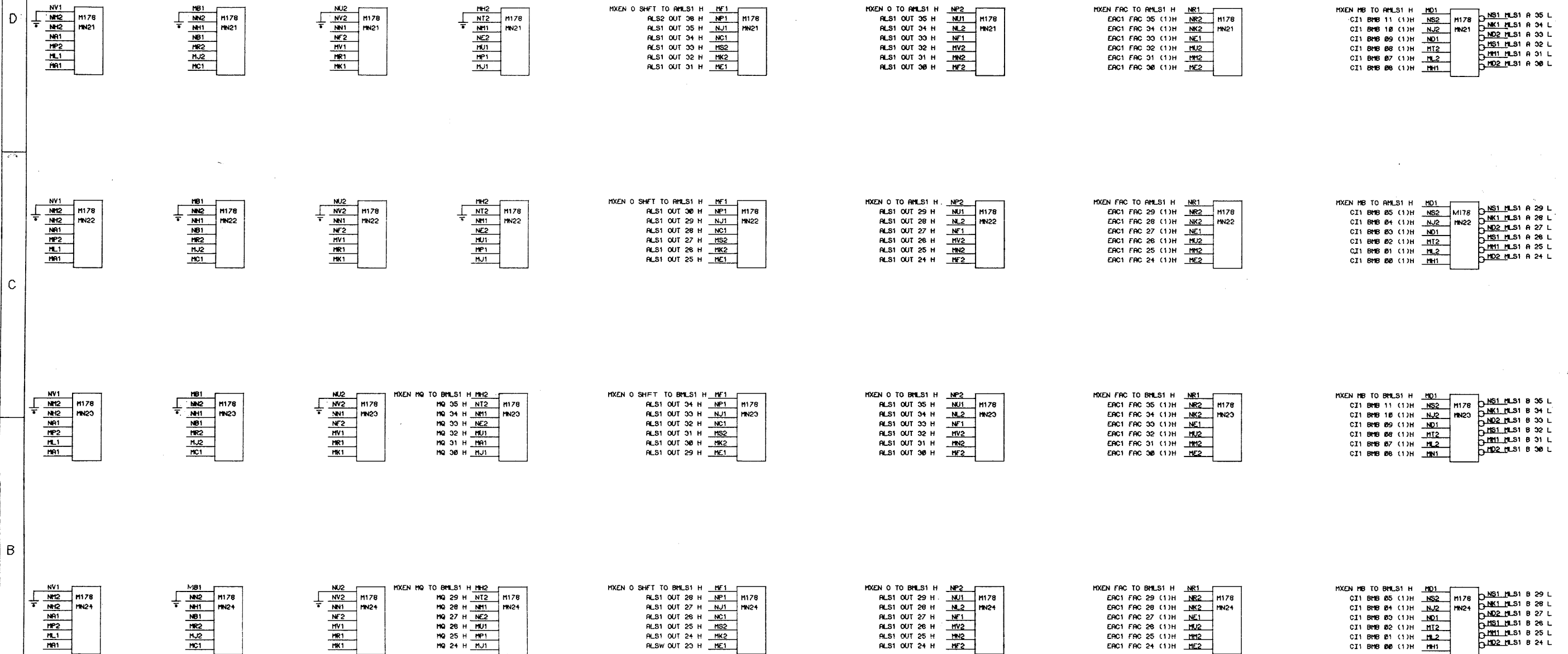


NOTE: IN LOCATIONS N19, N20 AND M20,
PINS C1, M2 AND N2 ARE GROUNDED

REVISIONS		
CHK.	CHANGE NO.	REV.

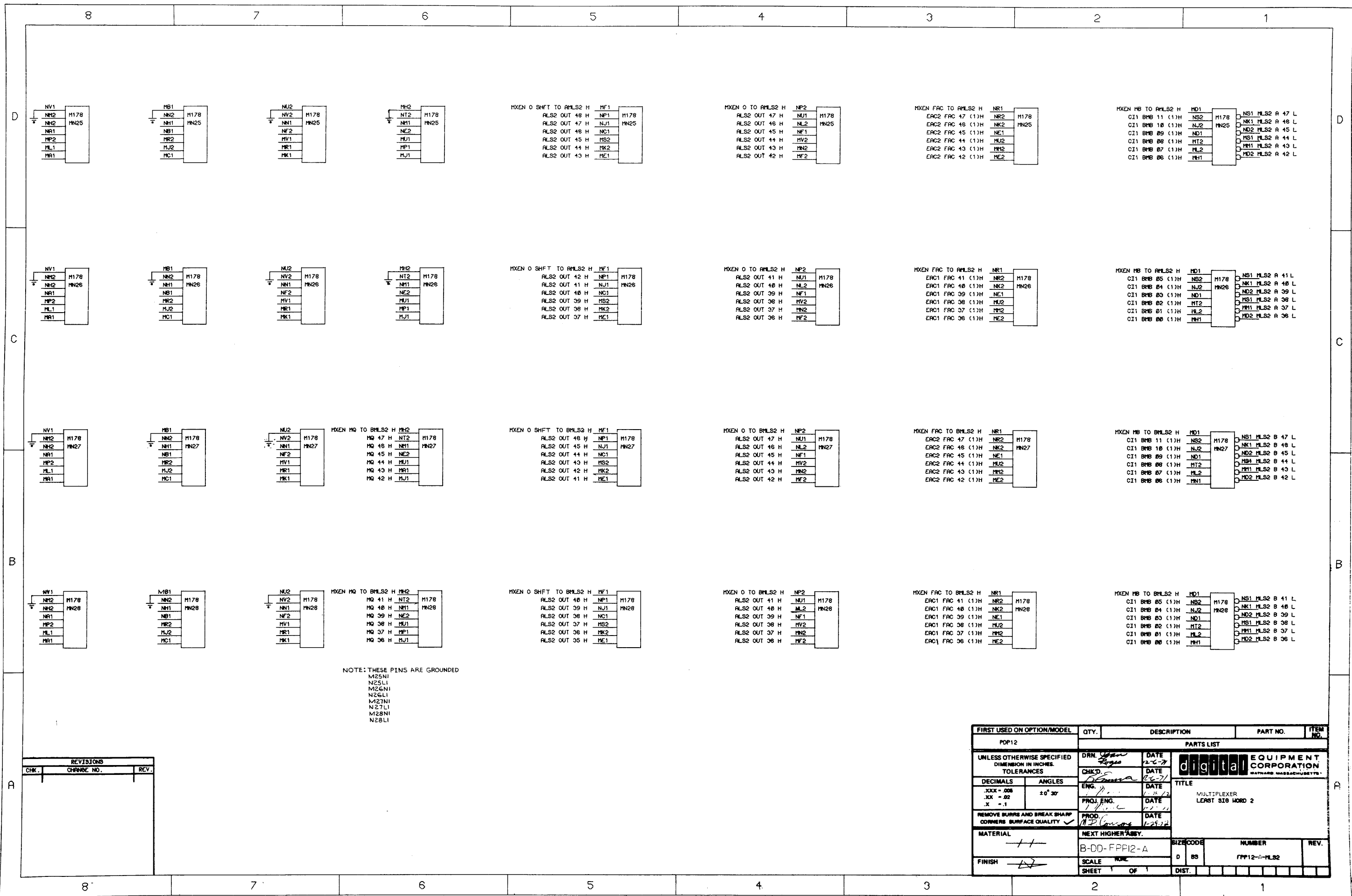
FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP12				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES	DRN <i>Rogus</i> DATE <i>11/27/71</i> CHKD <i>B. G...</i> DATE <i>12-6-71</i> ENG <i>B. G...</i> DATE <i>1-1-72</i> PROJ. ENG. <i>B. G...</i> DATE <i>1-1-72</i> PROD <i>M. D. G...</i> DATE <i>1-9-72</i>	PARTS LIST		
DECIMALS .XXX = .006 .XX = .02 .X = .1	ANGLES ± 0° 30'	TITLE MULTIPLEXER LEAST SIG		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	NEXT HIGHER ASSY. BOD- FPP12-A	SIZE CODE D BS	NUMBER FPP12-A-MLS	REV.
MATERIAL — / —	SCALE NONE			
FINISH — / —	SHEET 1 OF 1			

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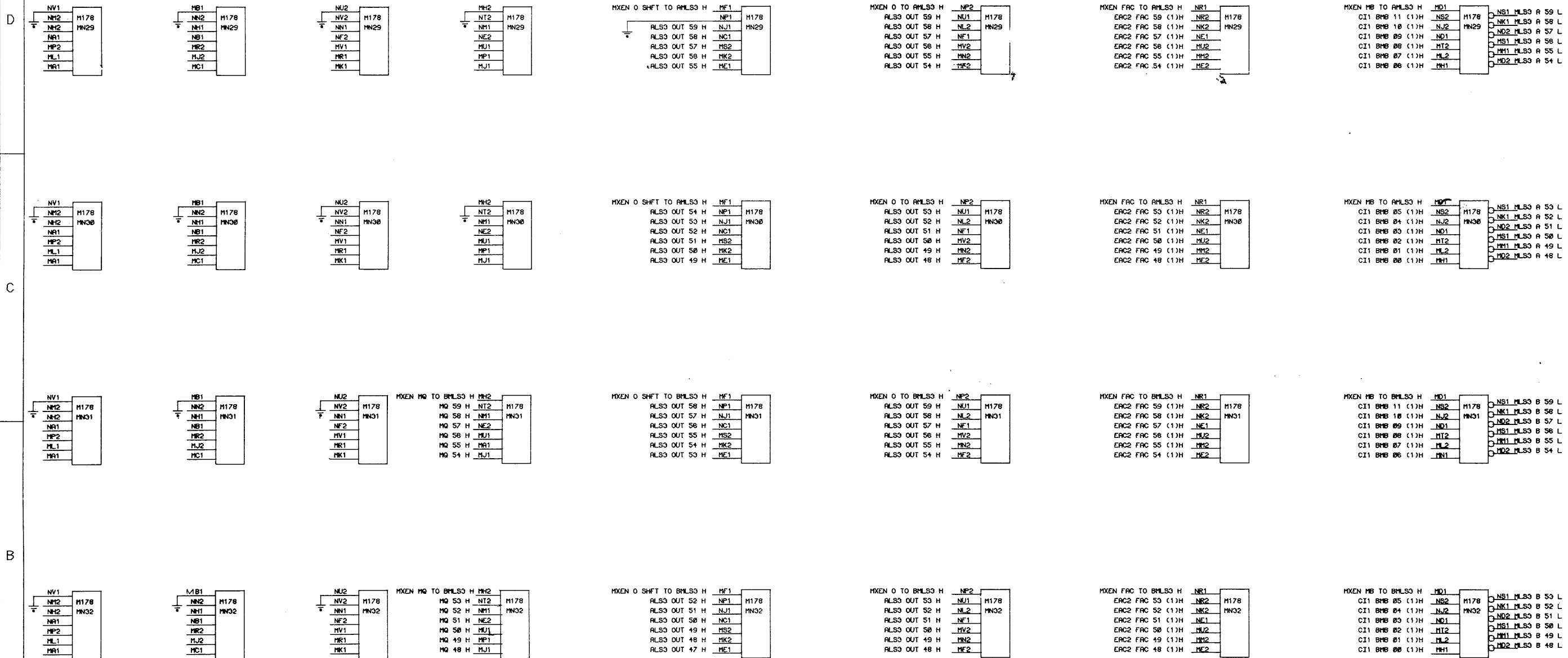
NOTE: THESE PINS ARE GROUNDED
M21NI
N21LI
M22NI
N22LI
M23NI
N23LI
M24NI
N24LI

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
POP12				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES	DRN. <i>Joan Rogers</i>	DATE <i>12/6/77</i>	digital EQUIPMENT CORPORATION NATWAD, MASSACHUSETTS	
DECIMALS	CHK'D. <i>Joan Rogers</i>	DATE <i>12-6-77</i>		
ANGLES	ENG. <i>W. J. ...</i>	DATE <i>12-6-77</i>		
.XXX = .005 .XX = .02 .X = .1	PROJ. ENG. <i>W. J. ...</i>	DATE <i>12-6-77</i>		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	PROD. <i>W. J. ...</i>	DATE <i>12-6-77</i>	TITLE MULTIPLEXER LEAST 810 WORD 1	
MATERIAL	NEXT HIGHER ASSY.			
FINISH	B-DD-FPPI2-A			
	SCALE			
	SHEET	OF	REV.	



FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP12			PARTS LIST		
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES.		DRN. <i>John Rego</i>	DATE <i>2-6-77</i>	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
TOLERANCES		CHK'D. <i>[Signature]</i>	DATE <i>2-6-77</i>		
DECIMALS	ANGLES	ENG. <i>[Signature]</i>	DATE <i>2-6-77</i>		
.XXX - .008	±0° 30'	PROJ. ENG. <i>[Signature]</i>	DATE <i>2-2-77</i>		
.XX - .02		PROD. <i>[Signature]</i>	DATE <i>1-25-77</i>	TITLE MULTIPLEXER LEAST SIX WORD 2	
.X - .1					
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		NEXT HIGHER ASSY.			
MATERIAL 11		B-DD-FPPI2-A		SIZE CODE D BS	NUMBER FPP12-A-MLS2
FINISH 12		SCALE NONE		REV.	
SHEET 1 OF 1		DST.			

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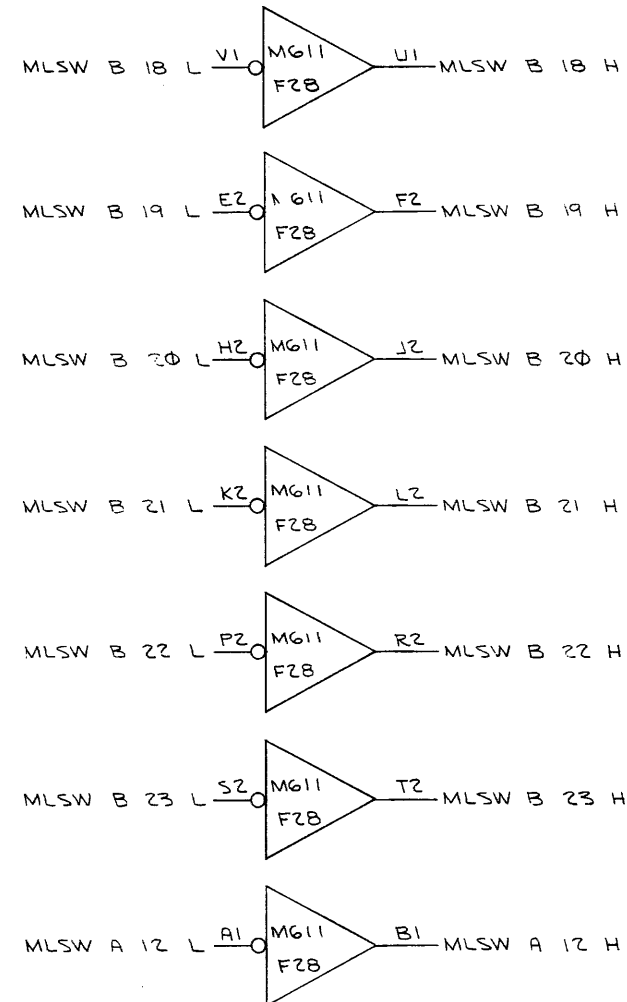
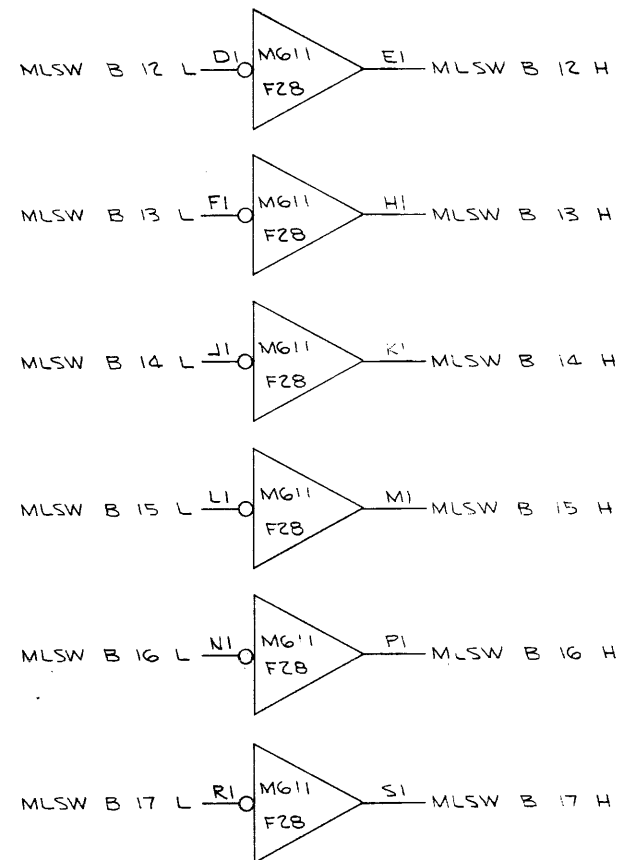


NOTE: THESE PINS ARE GROUNDED
M29NI
M29LI
M30NI
M30LI
M31NI
M31LI
M32NI
M32LI

REVISIONS		
CHK.	CHANGE NO.	REV.

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
POP12					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN. <i>John Egan</i>	DATE <i>12-6-71</i>	digital EQUIPMENT CORPORATION NATYARD MASSACHUSETTS	
DECIMALS		CHK'D <i>R. Egan</i>	DATE <i>12-6-71</i>		
ANGLES		ENG. <i>M. J. C.</i>	DATE <i>1-25-72</i>		
.XXX - .005 .XX - .02 .X - .1		PROJ. ENG. <i>M. J. C.</i>	DATE <i>1-25-72</i>		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓		PROD. <i>M. J. C.</i>	DATE <i>1-25-72</i>	TITLE MULTIPLEXER LEAST 310 WORD 3	
MATERIAL		NEXT HIGHER ASSY.			
— / / —		B-DD-FP12-A			
FINISH — / / —		SCALE NONE			
SHEET 1 OF 1		DIST.		REV.	

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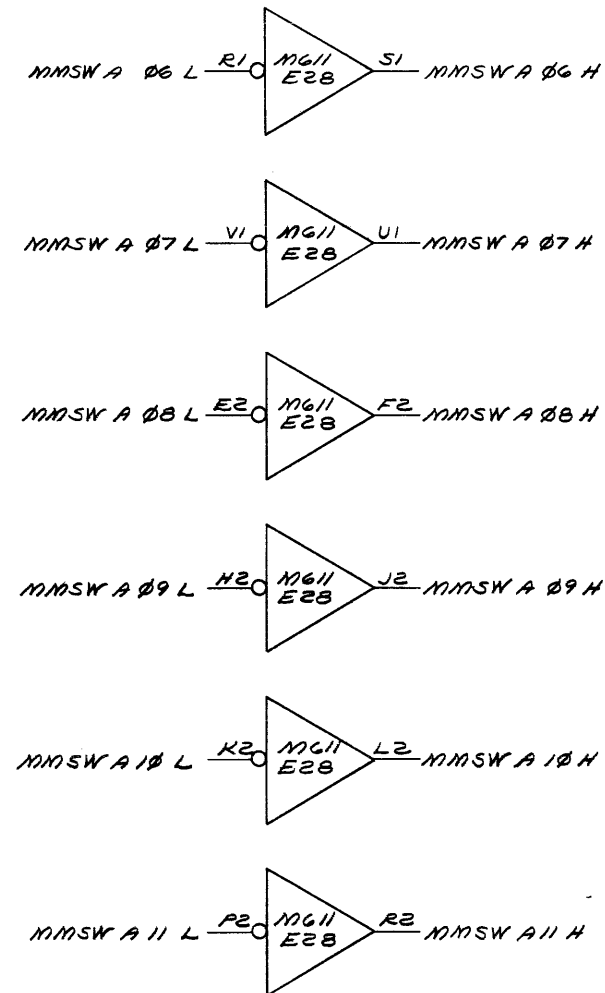
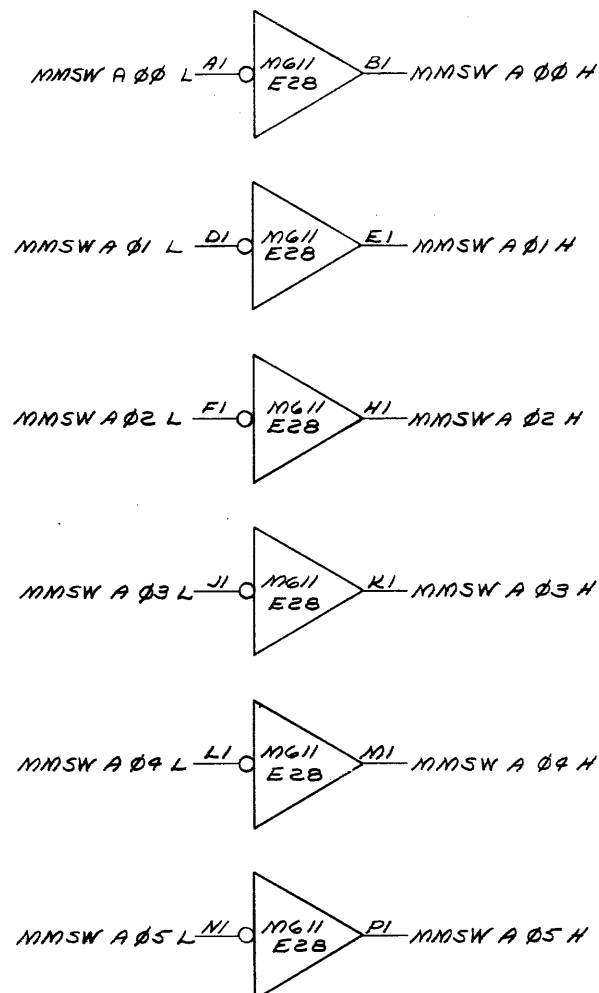


FIRST USED ON OPTION / MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP12					
UNLESS OTHERWISE SPECIFIED		DATE	PARTS LIST		
DIMENSION IN INCHES		DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		
TOLERANCES		DATE	TITLE		
DECIMALS FRACTIONS ANGLES		DATE	MULTIPLEXER		
$\pm .005$ $\pm 1/64$ $\pm 0^{\circ}30'$		DATE	LEAST SIG WORD		
FINAL SURFACE QUALITY		DATE	SIZE CODE NUMBER REV.		
REMOVE BURRS AND BREAK SHARP CORNERS		DATE	D BS FPPI2-A-MLSW		
MATERIAL	NEXT HIGHER ASSY	DATE	DIST.		
FINISH	B-DD-FPPI2-A	DATE	SHEET 2 OF 2		

REVISIONS
CHANGE NO.
CHK

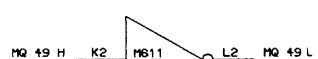
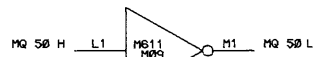
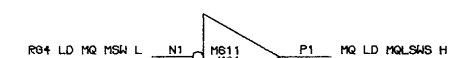
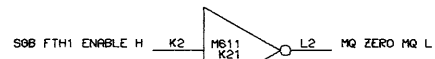
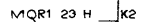
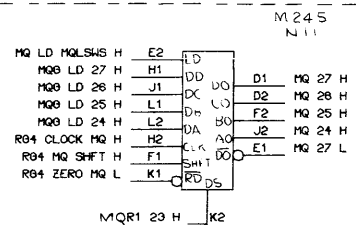
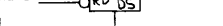
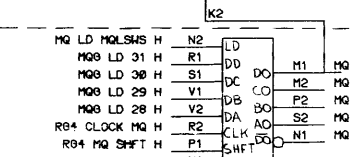
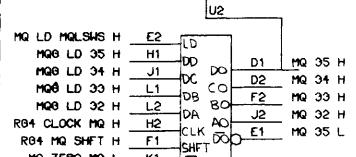
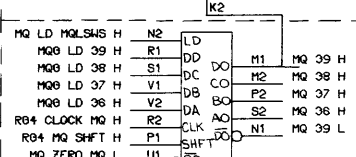
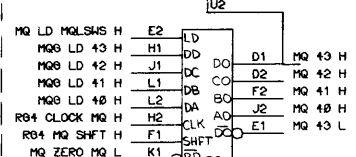
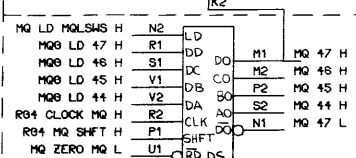
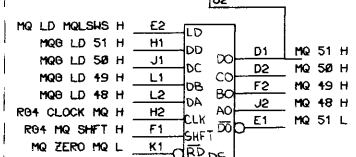
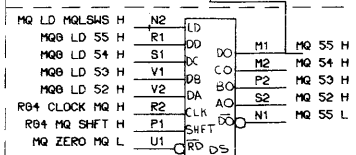
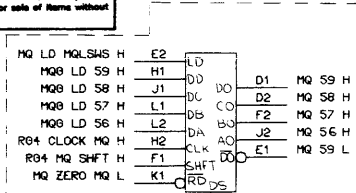
DEC FORM NO
DRD 102A

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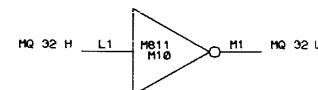
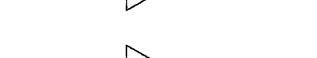
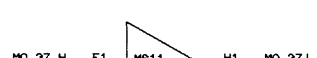
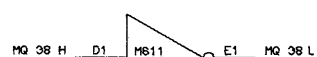
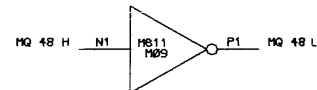


FIRST USED ON OPTION / MODEL		QTY.		DESCRIPTION		PART NO.		ITEM NO.	
PDP12									
UNLESS OTHERWISE SPECIFIED		DRN.		DATE		digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
UNLESS OTHERWISE SPECIFIED		CHK'D.		DATE					
DIMENSION IN INCHES		12/11/74		12/11/74		MULTIPLER MOST SIG WORD			
TOLERANCES		ENG.		DATE					
DECIMALS FRACTIONS ANGLES		1/16" = .0625"		1/16" = .0625"					
= .005 = 1/64" = 0°30'		PROJ. ENG.		DATE					
FINAL SURFACE QUALITY		1/16" = .0625"		1/16" = .0625"					
REMOVE BURRS AND BREAK SHARP CORNERS		PROD.		DATE					
MATERIAL		NEXT HIGHER Assy		12/11/74					
		B-DD-FPPI2-A							
FINISH		SCALE		NONE		SIZE CODE		NUMBER	
		SHEET		2 OF 2		DBS		FPPI2-A-MMSW	
						REV			
						DIST.			

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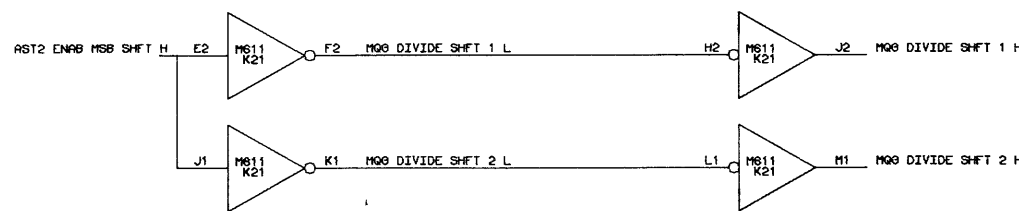
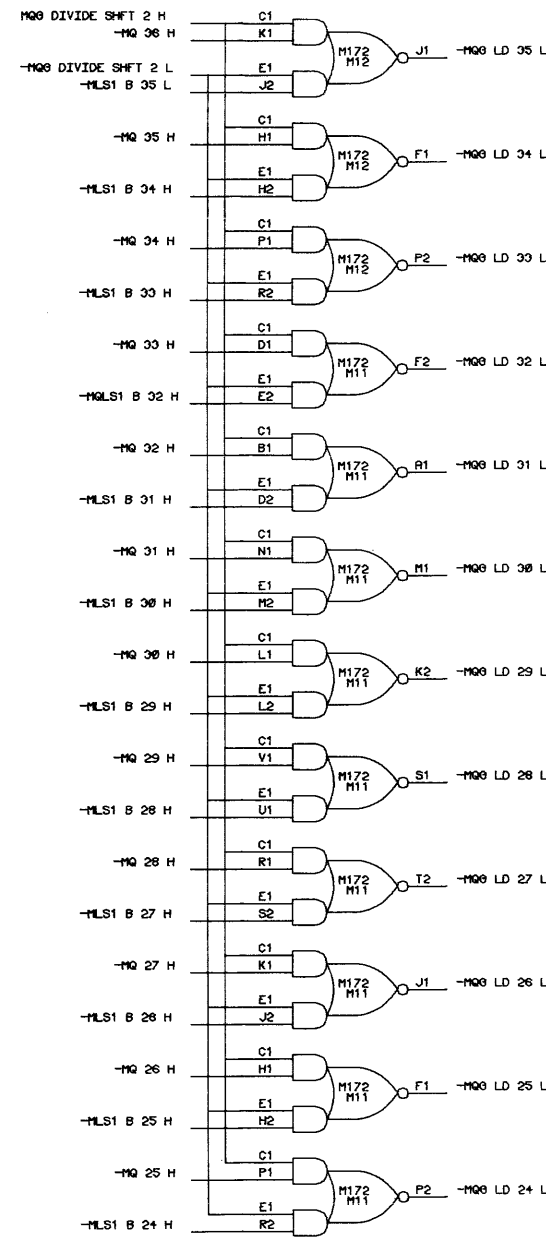
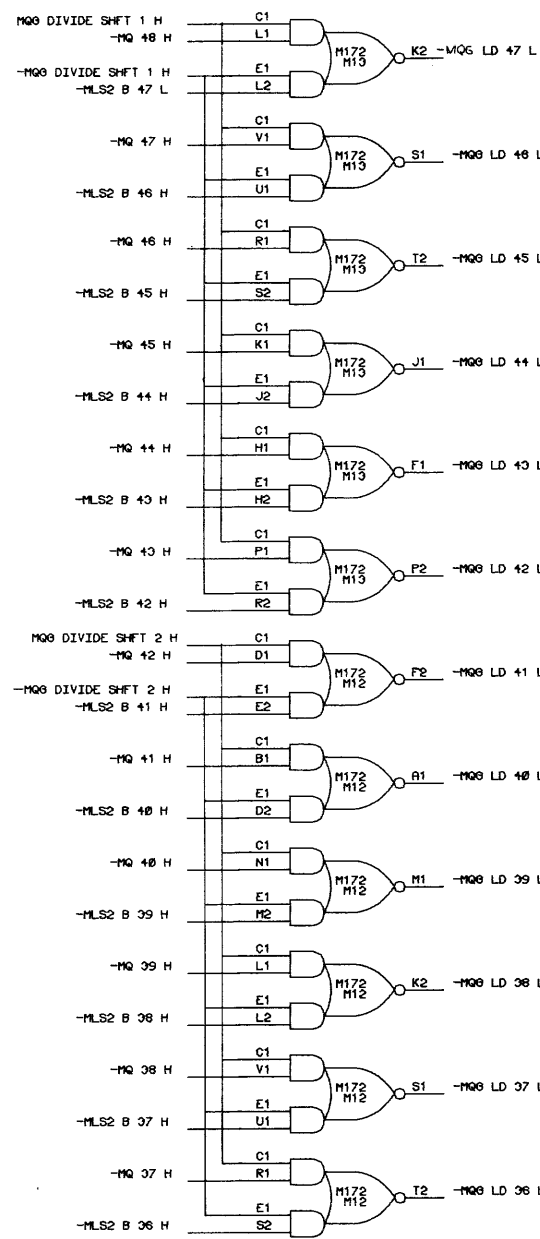
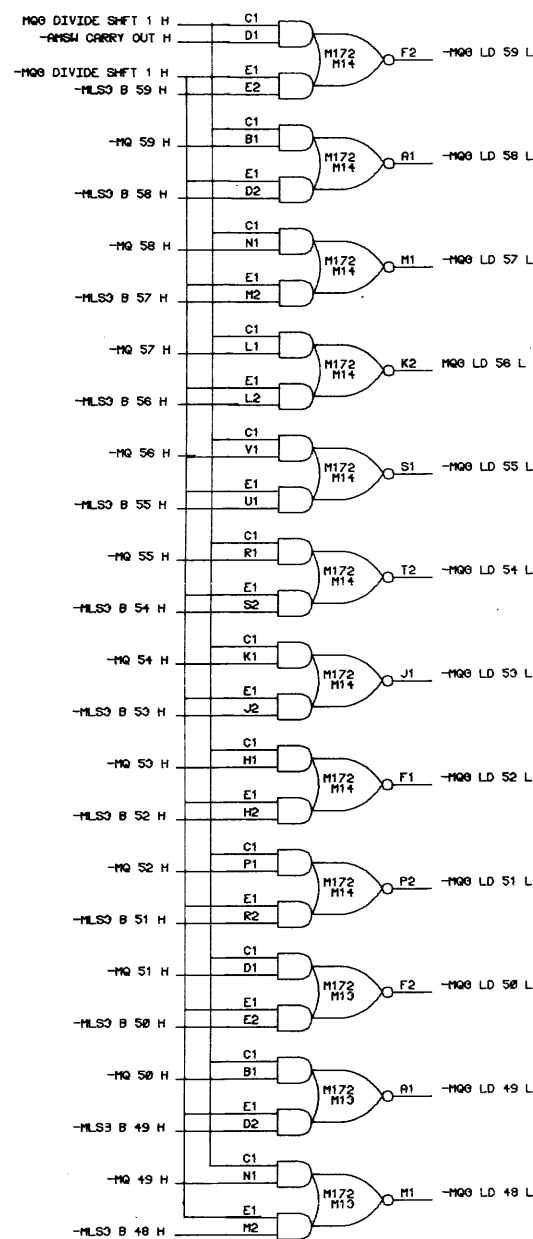
NOTE: IN LOCATIONS M209 AND M100, PINS
C1, M2 AND N2 ARE GROUND



REVISIONS	
CHK.	REV.

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP12					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN. CHK'D ENG. PROJ. ENG. PROD. MATERIAL FINISH	DATE 1/13/71 DATE 12-71 DATE 1-2-72 DATE 1-2-72 NEXT HIGHER ASSY. B-DD-FPPI2-A SCALE NONE SHEET 1 OF 1	PARTS LIST digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS TITLE MULTIPLIER QUOTIENT SIZE CODE NUMBER FPP12-A-MQ REV.	
DECIMALS		ANGLES	±0° 30'	D BS	
.XXX = .005				DIST.	
.XX = .02					
.X = .1					
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY					

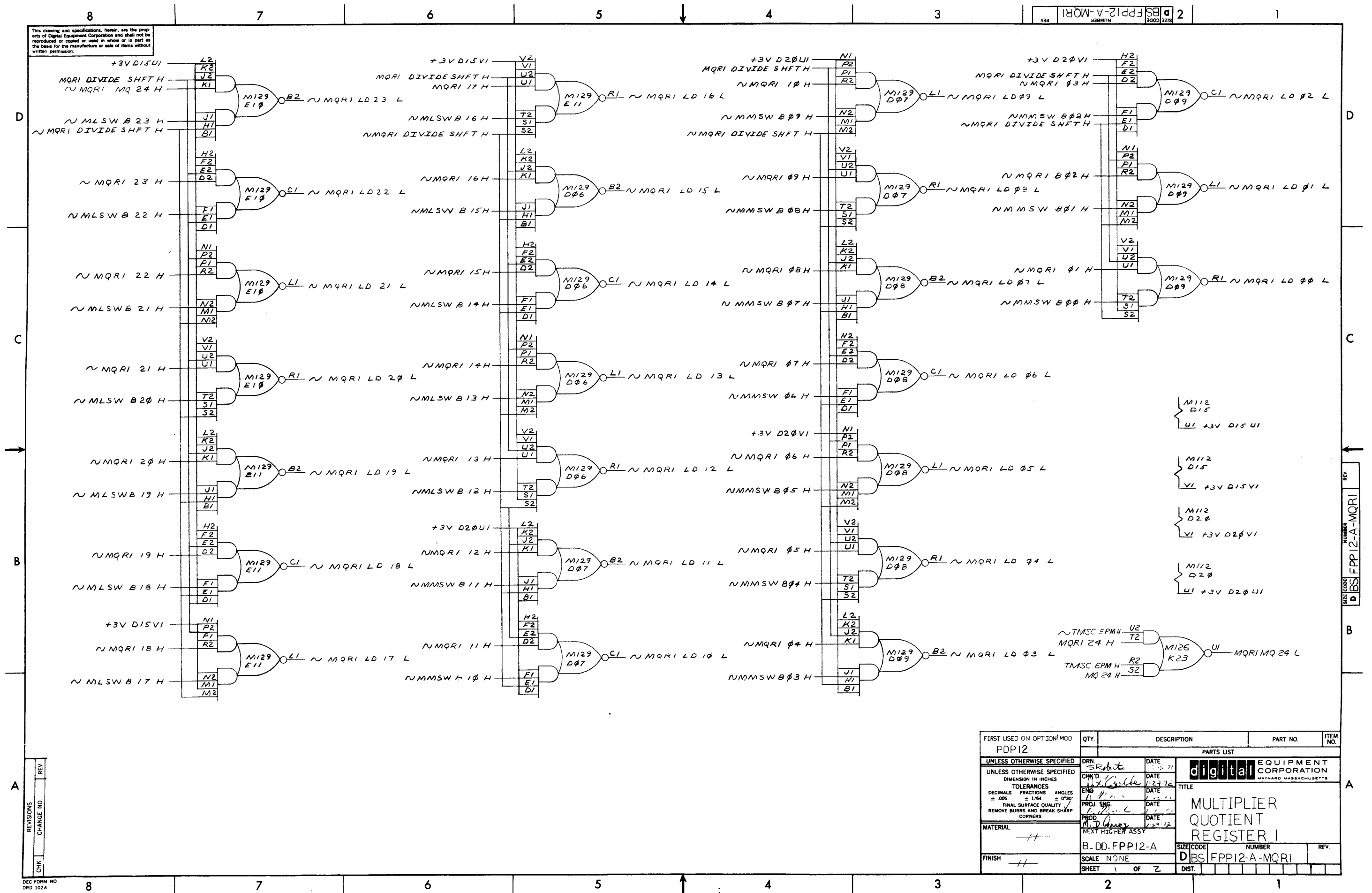
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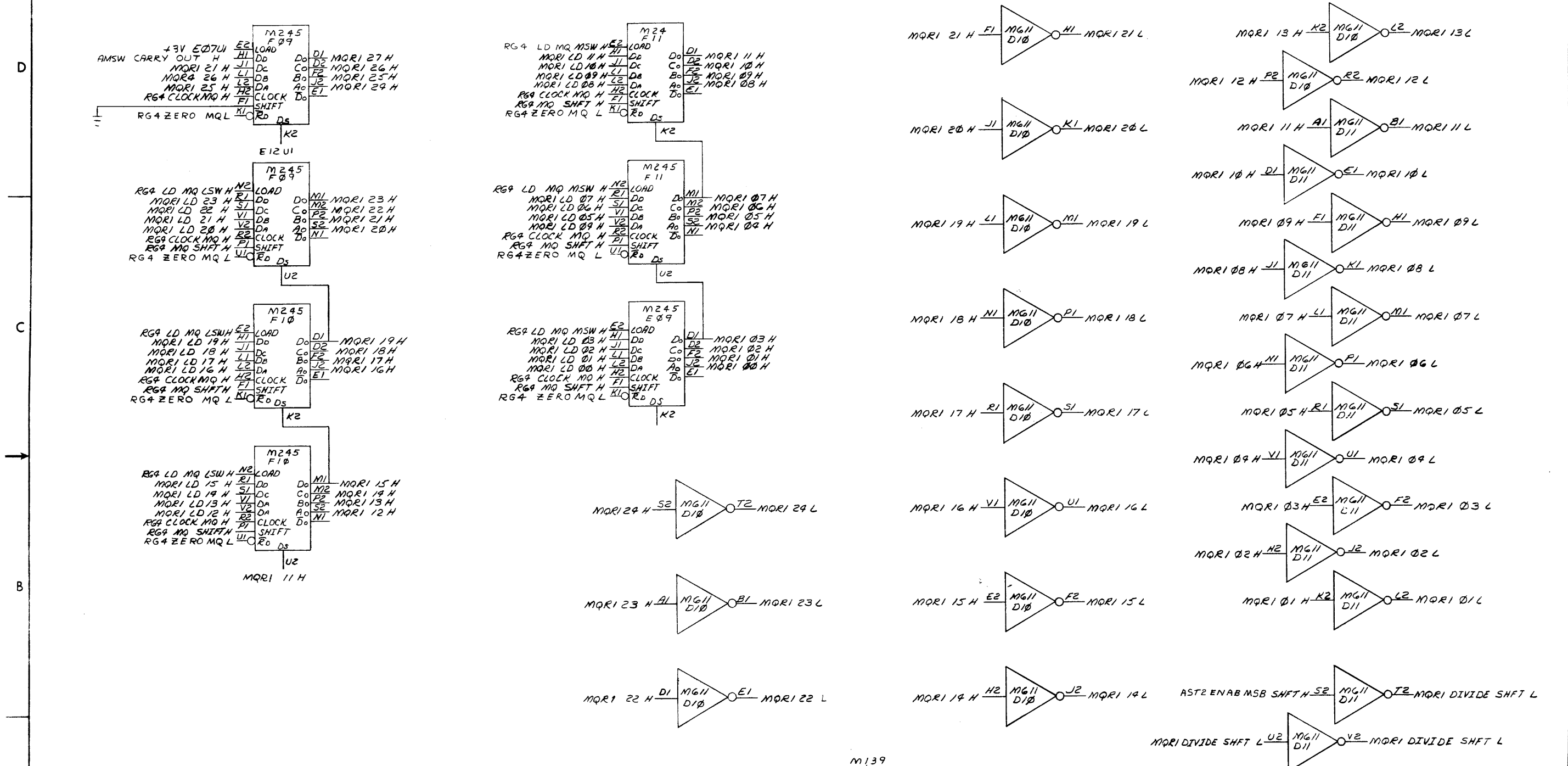
NOTE: THESE PINS ARE GROUNDED
M11N2
M12N2
M13N2
M14N2

REVISIONS		
CHK.	CHANGE NO.	REV.

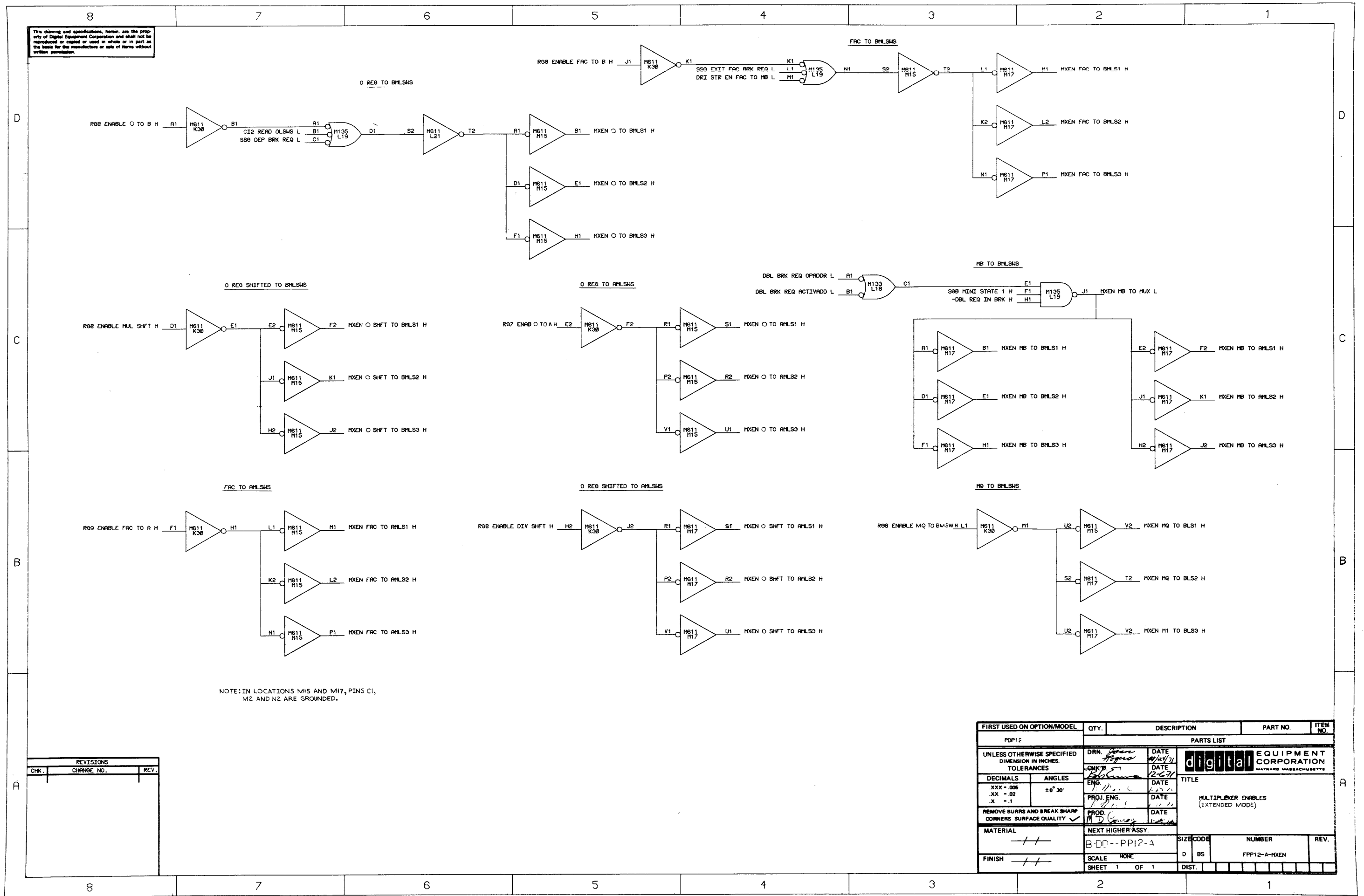
FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP12					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES		DRN. <i>[Signature]</i>	DATE <i>12-3-71</i>	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
DECIMALS .XXX ± .005 ANGLES ± 0° 30'		CHK'D <i>[Signature]</i>	DATE <i>12-6-71</i>		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		ENG. <i>[Signature]</i>	DATE <i>1-25-72</i>	TITLE MULTIPLIER QUOTIENT GATING	
FINISH <i>++</i>		PROJ. ENG. <i>[Signature]</i>	DATE <i>1-11-72</i>		
MATERIAL <i>++</i>		PROD. <i>[Signature]</i>	DATE <i>1-29-72</i>	SIZE CODE B-DD-FPP12-A	
NEXT HIGHER ASSY.		SCALE NONE		NUMBER FPP12-A-M00	REV.
SHEET 1 OF 1		DIST.			

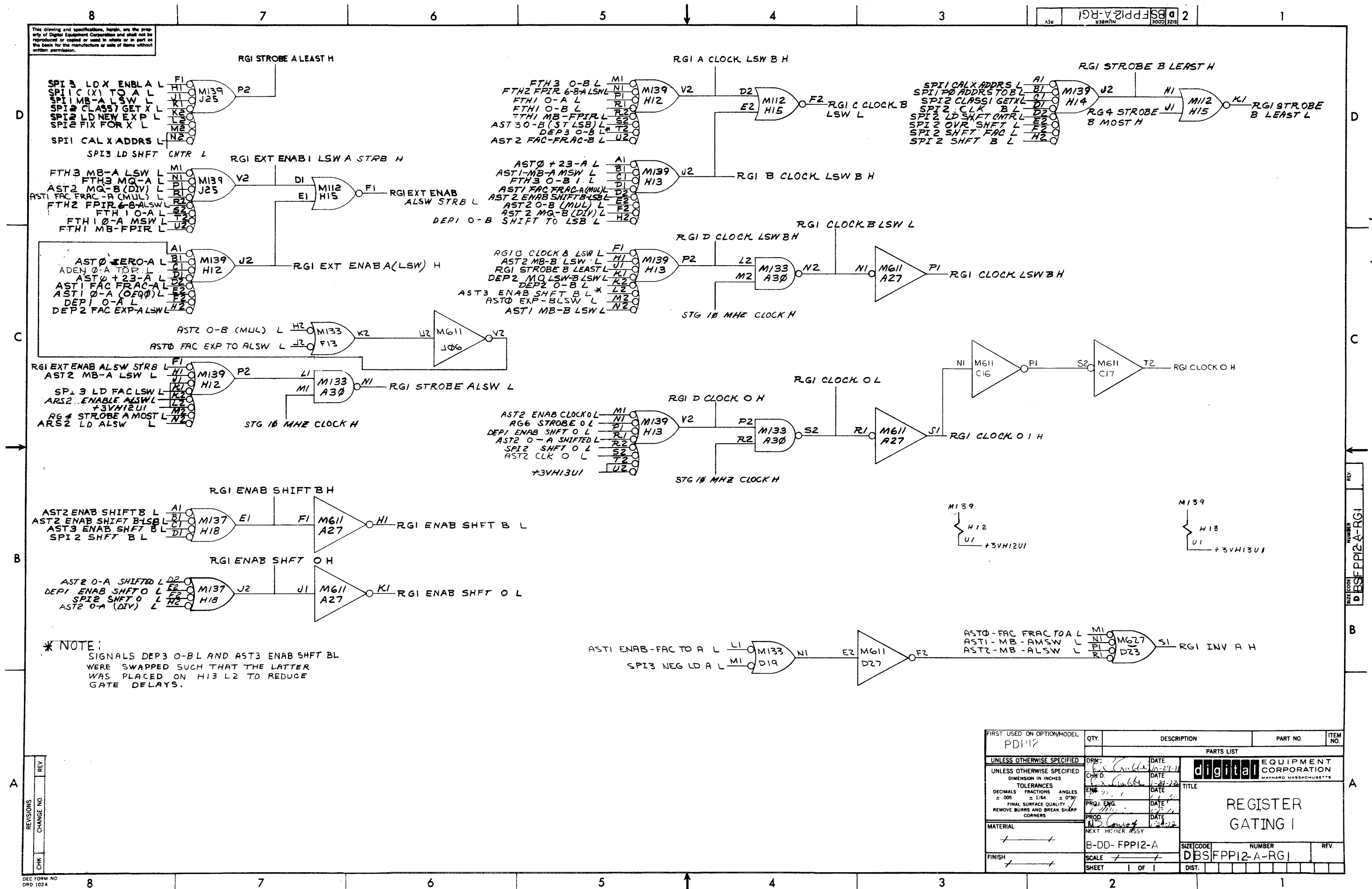


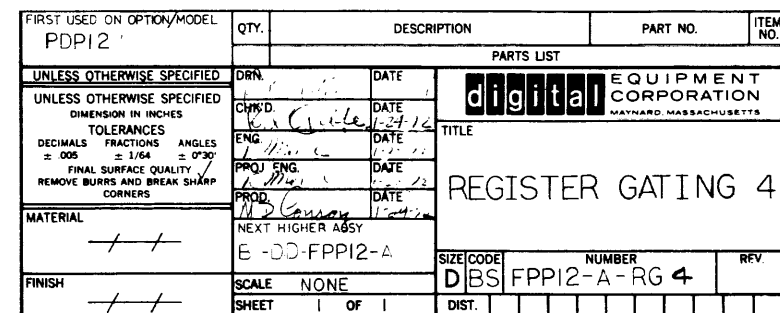
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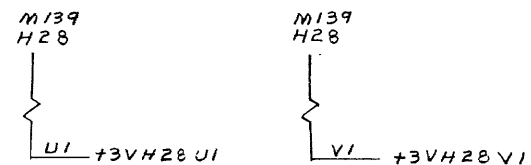
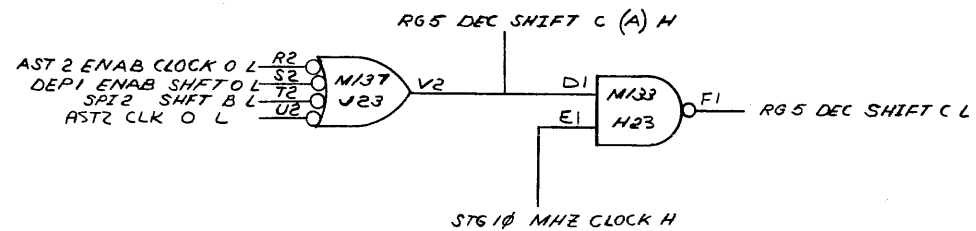
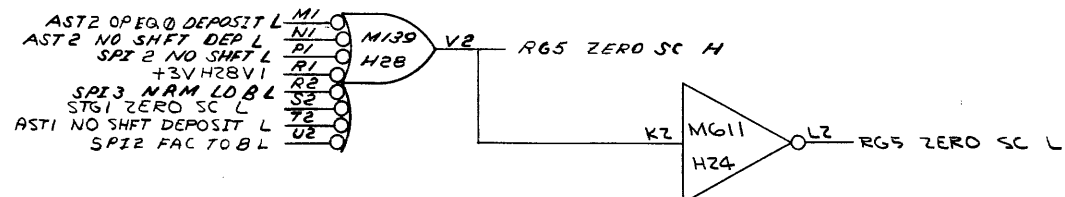
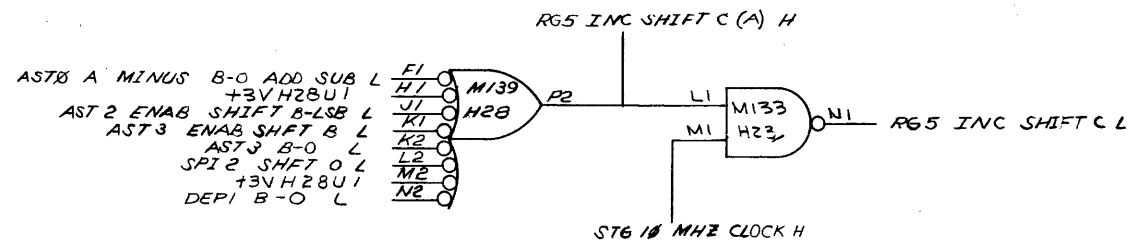
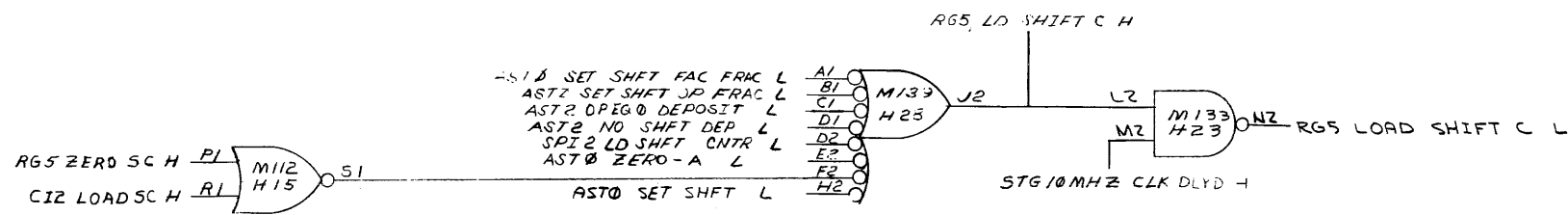
FIRST USED ON OPTIM/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP12					
UNLESS OTHERWISE SPECIFIED		DRN.	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED		CHKD.	DATE		
DIMENSION IN INCHES		ENG.	DATE		
TOLERANCES		PROD. ENG.	DATE		
DECIMALS FRACTIONS ANGLES		PROD.	DATE		
± .005 ± 1/64 ± 0°30'				TITLE MULTIPLIER QUOTIENT REGISTER 1	
FINAL SURFACE QUALITY / REMOVE BURRS AND BREAK SHARP CORNERS					
MATERIAL		NEXT HIGHER ASSY B-00-FPPI2-A		SIZE/CODE	NUMBER
FINISH		SCALE	NONE	DBS	FPPI2-A-MQR1
		SHEET	2 OF 2	DIST.	





DEC FORM NO
ORD 102 A

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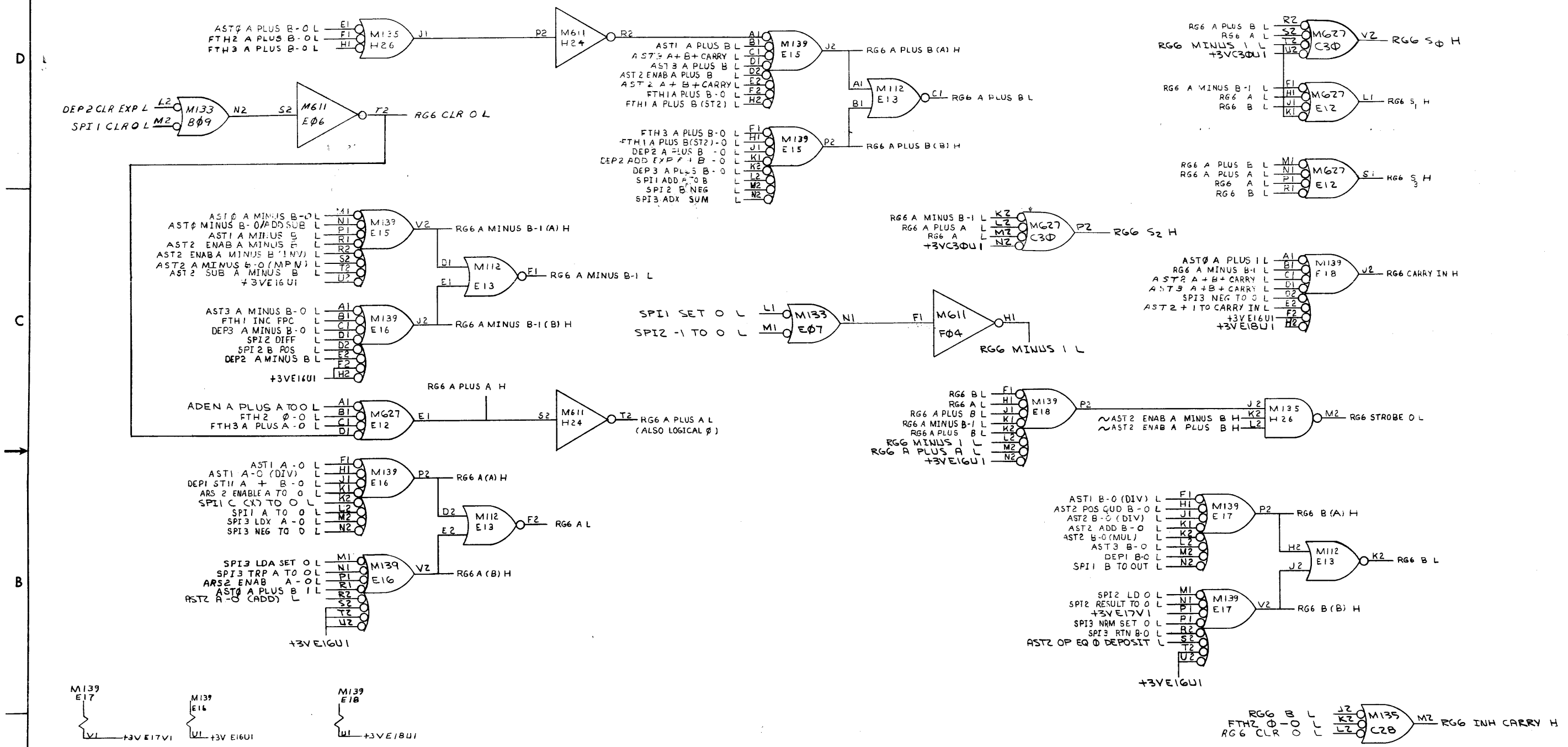


REV.	CHANGE NO.	DATE
1	1	12-71
2	2	1-72
3	3	1-72
4	4	1-72
5	5	1-72
6	6	1-72
7	7	1-72
8	8	1-72

DEC FORM NO
DRD 102A

FIRST USED ON OPTION/MODEL FDP12		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST					
UNLESS OTHERWISE SPECIFIED		DRN.	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED		CHK'D.	DATE	TITLE REGISTER GATING 5	
DIMENSION IN INCHES		ENG.	DATE	1-28-72	
TOLERANCES		PROJ. ENG.	DATE	1-28-72	
DECIMALS FRACTIONS ANGLES		PROD.	DATE	1-28-72	
± .005 ± 1/64 ± 0°30'		NEXT HIGHER ASSY			
FINAL SURFACE QUALITY		B-DD-FPPI2-A			
REMOVE BURRS AND BREAK SHARP CORNERS		SCALE NONE			
MATERIAL		SHEET 1 OF 1			
FINISH		DIST.			
SIZE CODE		NUMBER		REV.	
BS FPP12-A-RG 5		BS FPP12-A-RG 5		REV.	

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REVISEMENTS	
CHK	CHANGE NO.
	REV.
	FPPI 2-00003 A

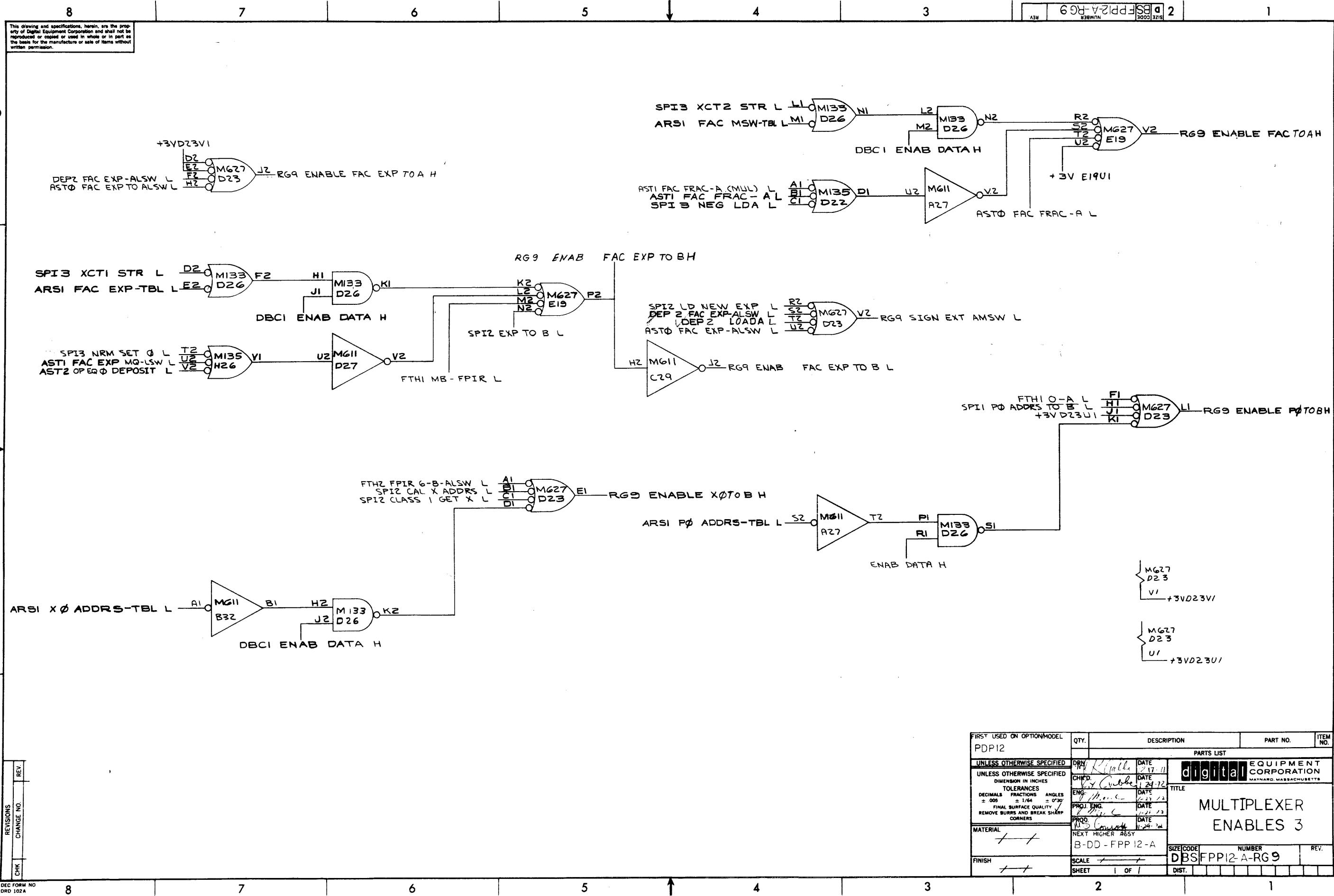
FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.		ITEM NO.
PDP12						
UNLESS OTHERWISE SPECIFIED		DRN.	DATE	PARTS LIST		
UNLESS OTHERWISE SPECIFIED		CHWD.	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		
DIMENSION IN INCHES		ENR.	DATE			
TOLERANCES		TITLE		REG. GATING 6 (ENABLES FOR M190)		
DECIMALS FRACTIONS ANGLES ± .005 ± 1/64 ± 30°		PROJ. ENG.				
FINAL SURFACE QUALITY		PROD.				
REMOVE BURRS AND BREAK SHARP CORNERS		NEXT HIGHER ASSY				
MATERIAL		B - DD-FPPI2-A		SIZE CODE		
+ +		SCALE		NUMBER		REV
		SHEET		DBS FPPI2-A-RG6		
FINISH		NONE		DST.		
+ +		OF 1				



REVISIONS		REV.
CHK	CHANGE NO.	

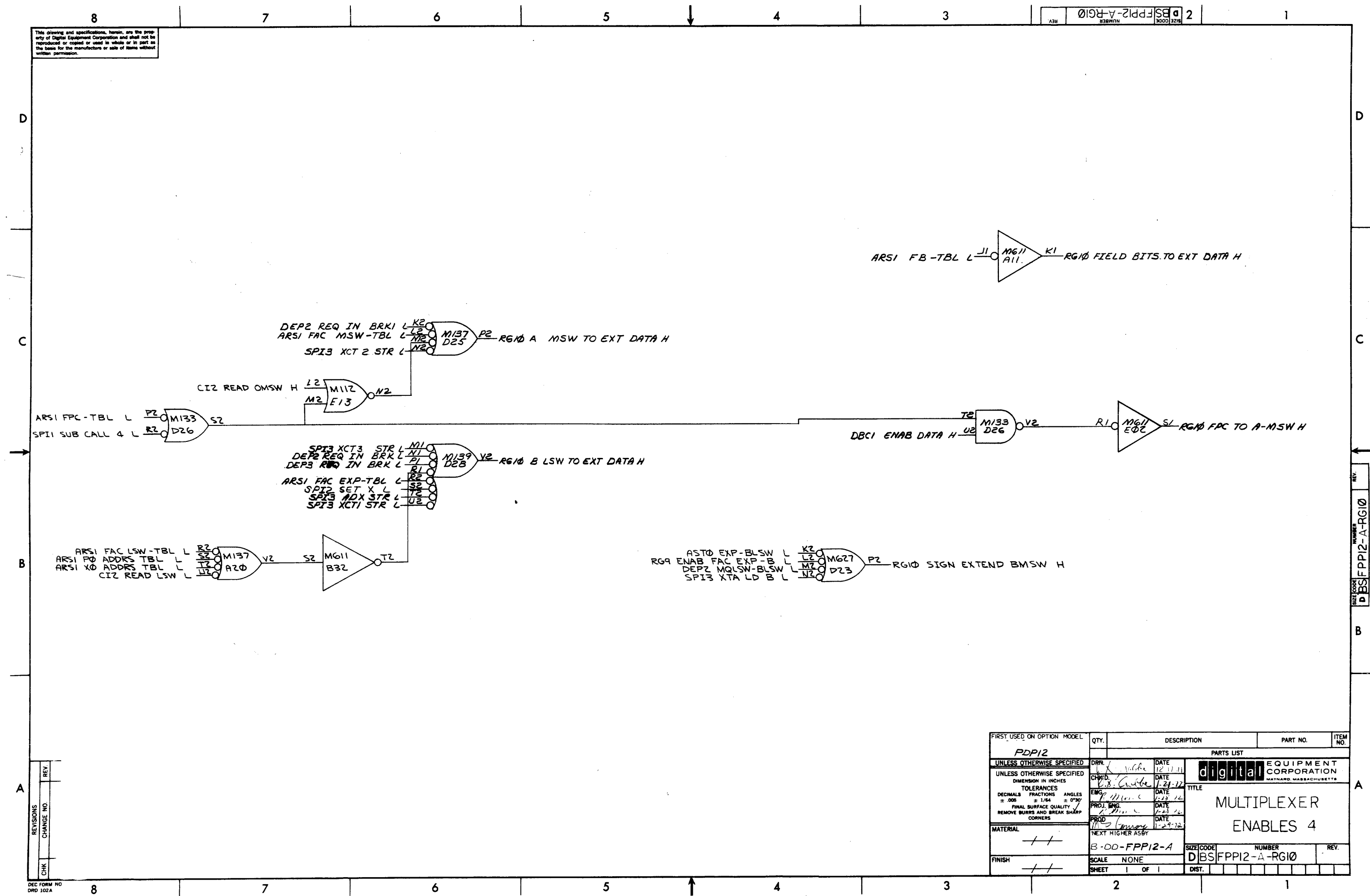


FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP12					
UNLESS OTHERWISE SPECIFIED		DRN.	DATE	PARTS LIST	
UNLESS OTHERWISE SPECIFIED		CHK'D.	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
DIMENSION IN INCHES		ENG.	DATE		
TOLERANCES		PROJ. ENG.	DATE		
DECIMALS FRACTIONS ANGLES		PROD.	DATE		
$\pm .005$ $\pm 1/64$ $0^{\circ}00'$ FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS					
MATERIAL		NEXT ORDER ASSY		MULTIPLEXER ENABLES 2	
		B-DD-FPPI2-A			
FINISH		SCALE NONE		SIZE CODE	NUMBER
		SHEET 1 OF 1		D/BS	FPPI2-A-RG8
				REV.	



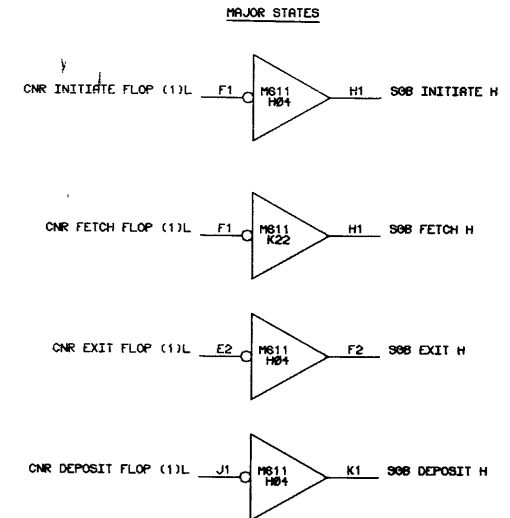
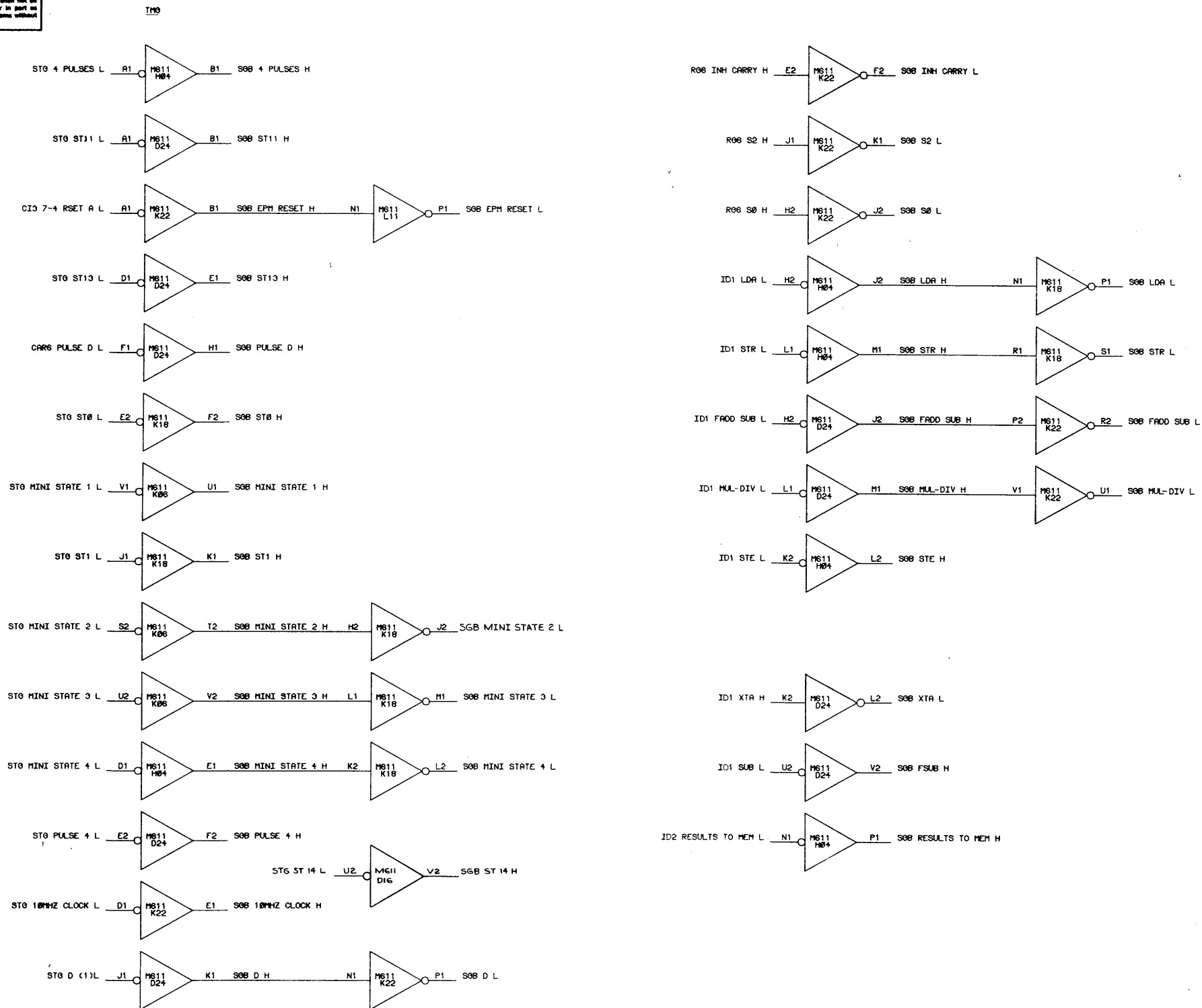
FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDPI2				
UNLESS OTHERWISE SPECIFIED				
DRN	DATE	DATE	DATE	DATE
CHKD.	DATE	DATE	DATE	DATE
ENG.	DATE	DATE	DATE	DATE
PROJ. ENG.	DATE	DATE	DATE	DATE
PROD.	DATE	DATE	DATE	DATE
UNLESS OTHERWISE SPECIFIED				
DIMENSION IN INCHES				
TOLERANCES				
DECIMALS	FRACTIONS	ANGLES		
± .005	± 1/64	± 0°30'		
FINAL SURFACE QUALITY				
REMOVE BURRS AND BREAK SHARP CORNERS				
MATERIAL				
NEXT HIGHER ASSY				
B-DD-FPP12-A				
FINISH				
SCALE				
SHEET 1 OF 1				
PARTS LIST				
digital EQUIPMENT CORPORATION				
MAYNARD, MASSACHUSETTS				
TITLE				
MULTIPLEXER ENABLES 3				
SIZE/CODE				
DBSFPP12-A-RG9				
NUMBER				
REV.				
DIST.				

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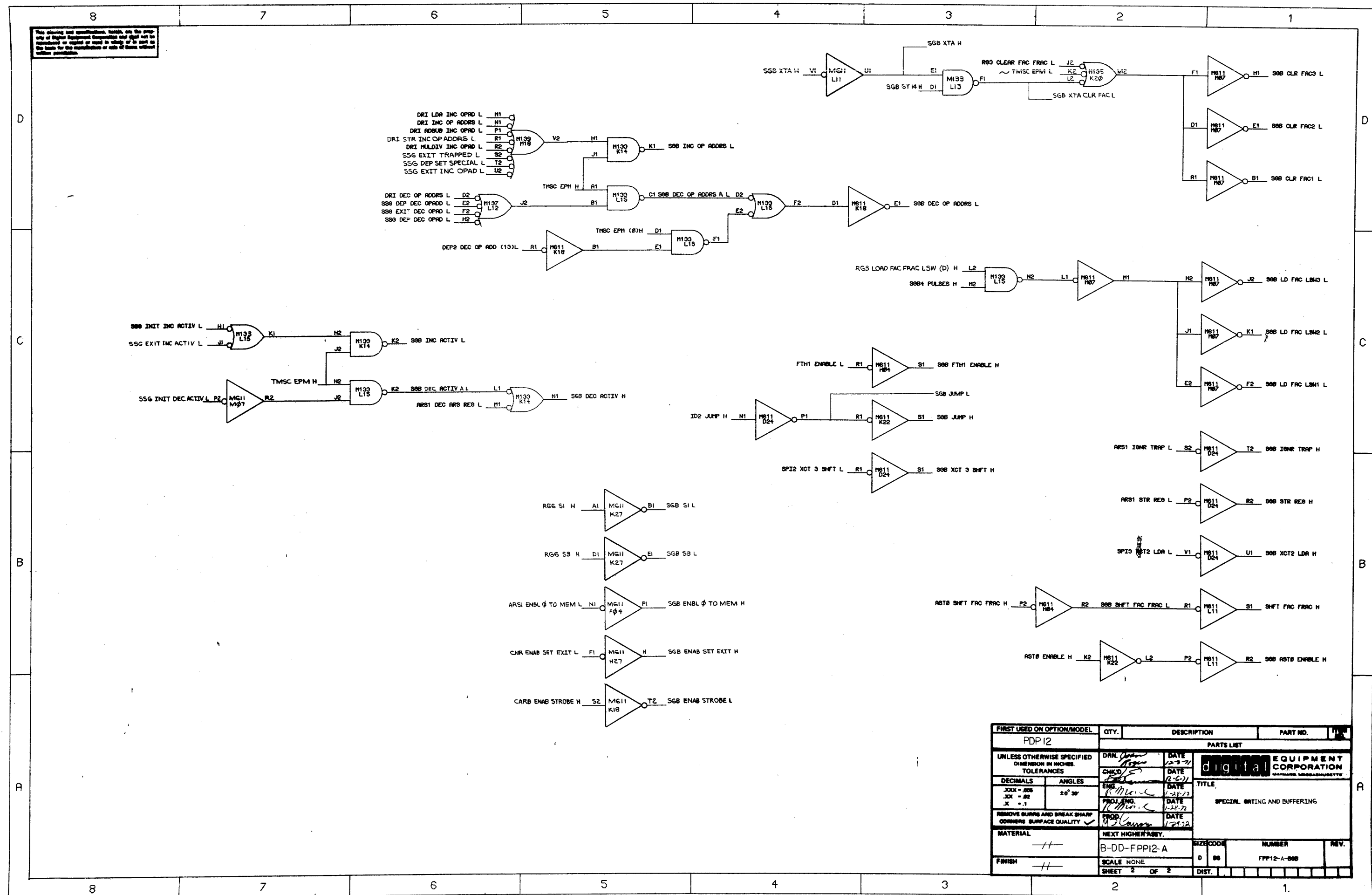
FIRST USED ON OPTION MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP12					
UNLESS OTHERWISE SPECIFIED		DRN.	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
DIMENSION IN INCHES		CHWD.	DATE		
TOLERANCES		EMC.	DATE		
DECIMALS FRACTIONS ANGLES		PROJ. ENG.	DATE		
± .005 ± 1/64 ± 0°30'		PROD.	DATE		
FINAL SURFACE QUALITY				TITLE	
REMOVE BURRS AND BREAK SHARP CORNERS				MULTIPLEXER ENABLES 4	
MATERIAL		NEXT HIGHER ASSY		SIZE CODE	
FINISH		B-00-FPPI2-A		NUMBER	
		SCALE NONE		DBSFPPI2-A-RG10	
		SHEET 1 OF 1		REV.	

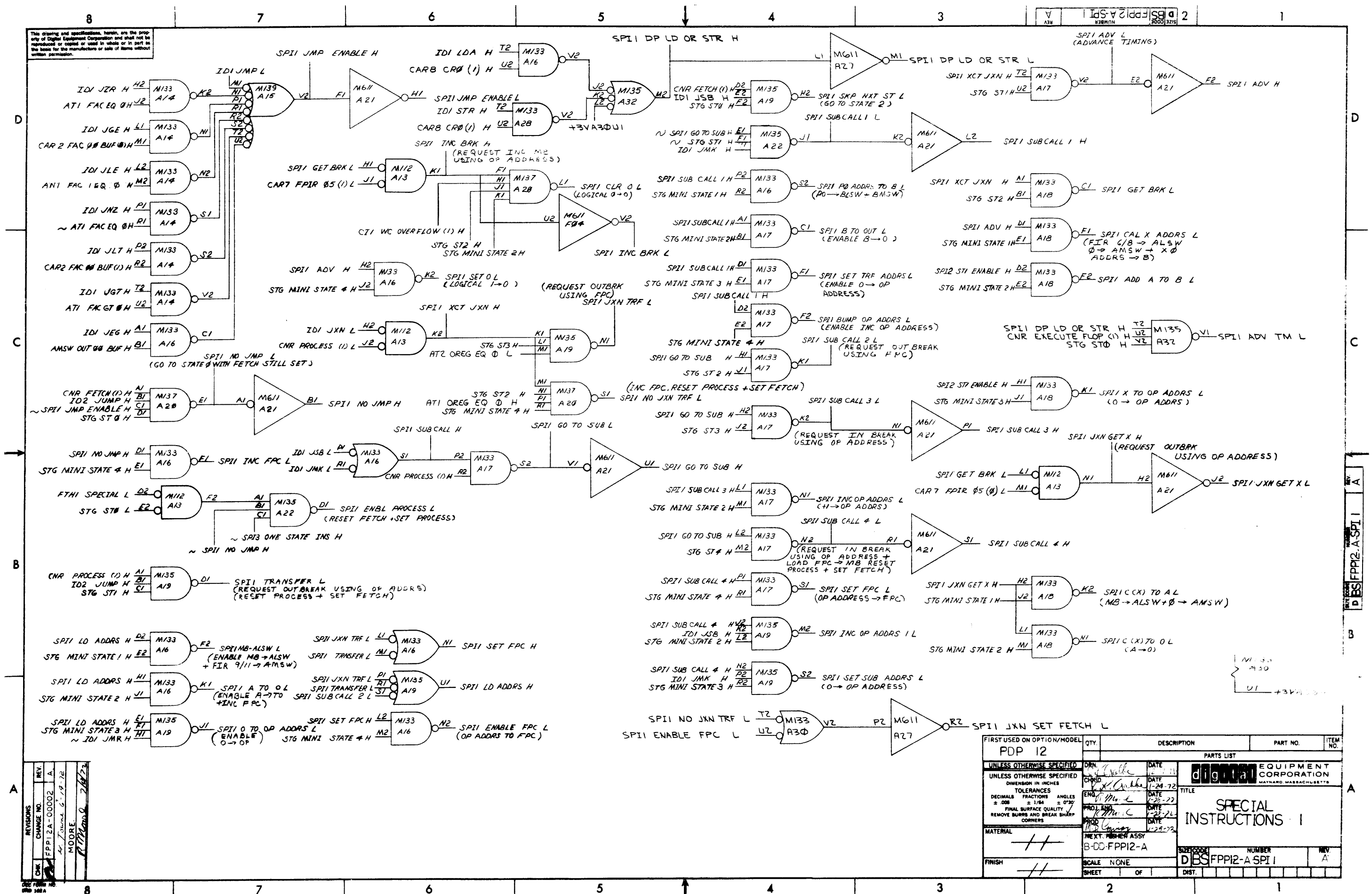
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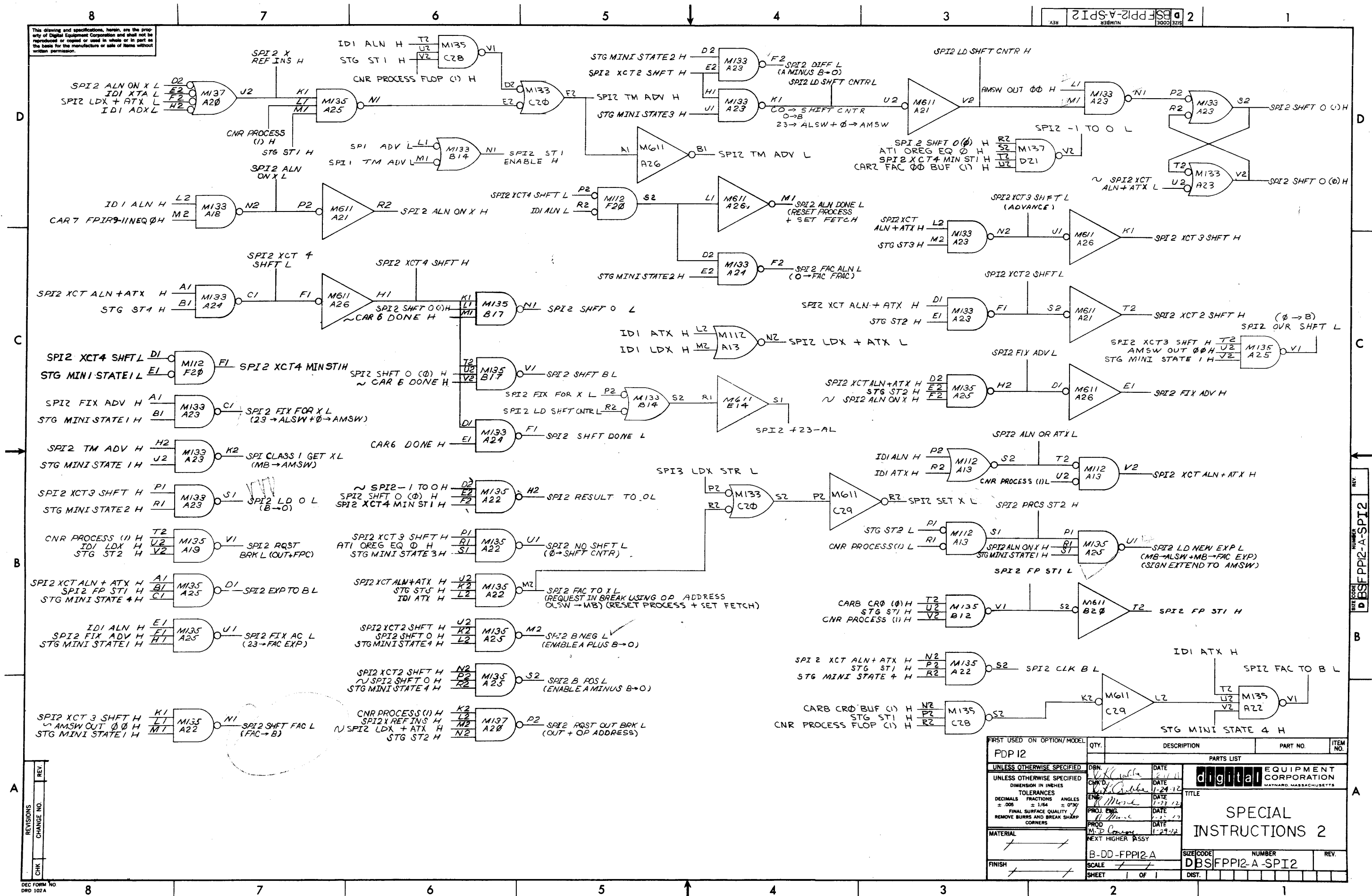


REVISIONS		
CHK.	CHANGE NO.	REV.

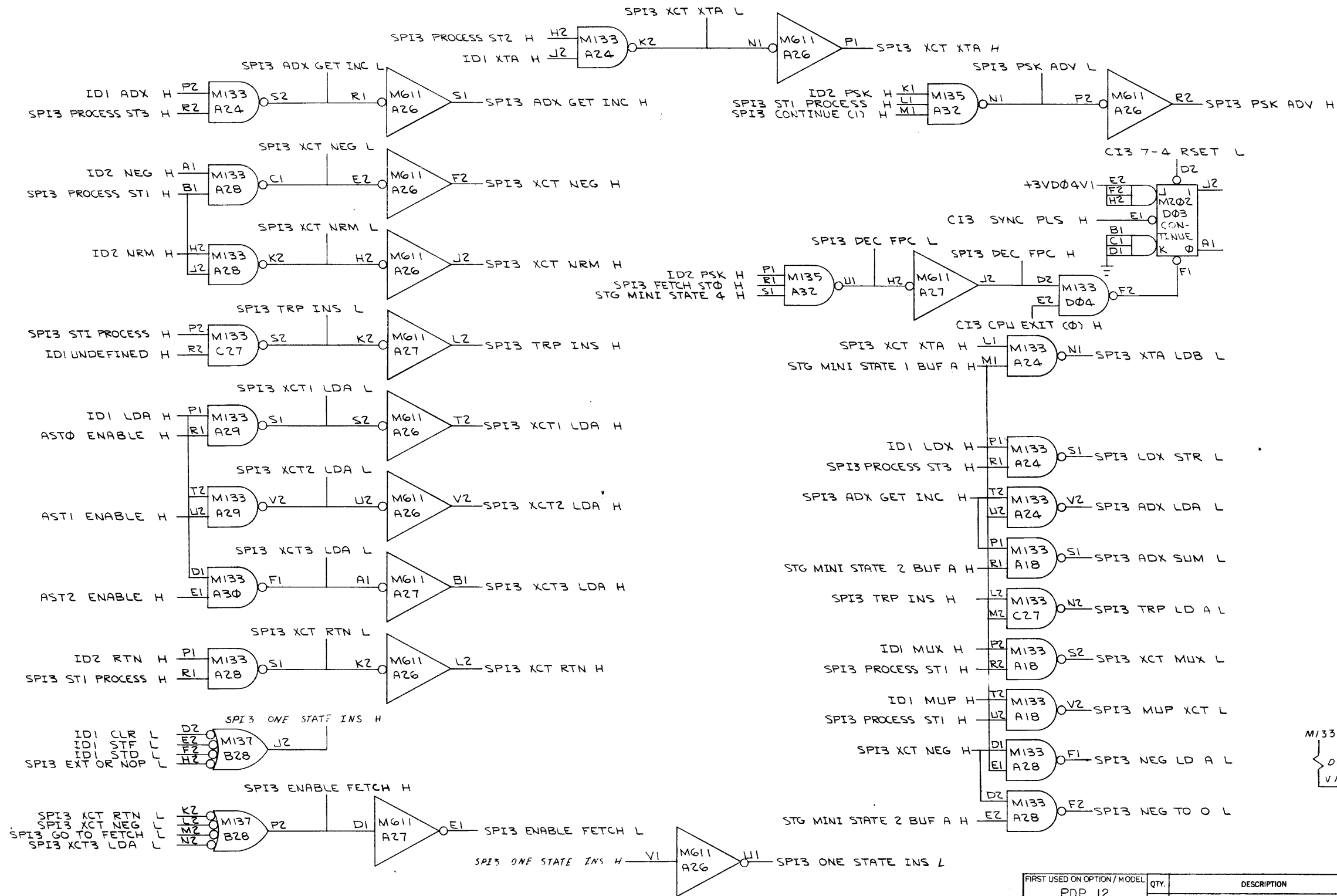
FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.	
PDP12		PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN.	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		
		CHK'D	DATE			
DECIMALS	ANGLES	ENG.	DATE			TITLE
.XXX - .005	±0° 30'	PROJ. ENG.	DATE			
.XX - .02		PROD. M.D.	DATE			
.X - .1				SPECIAL GATING AND BUFFERING		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓						
MATERIAL	NEXT HIGHER ASSY.		SIZE CODE	NUMBER	REV.	
— / / —	B-DD-FPPI2-A		D BS	FPP12-A-S08		
FINISH	SCALE NONE					
— / / —	SHEET 1 OF 2		DIST.			







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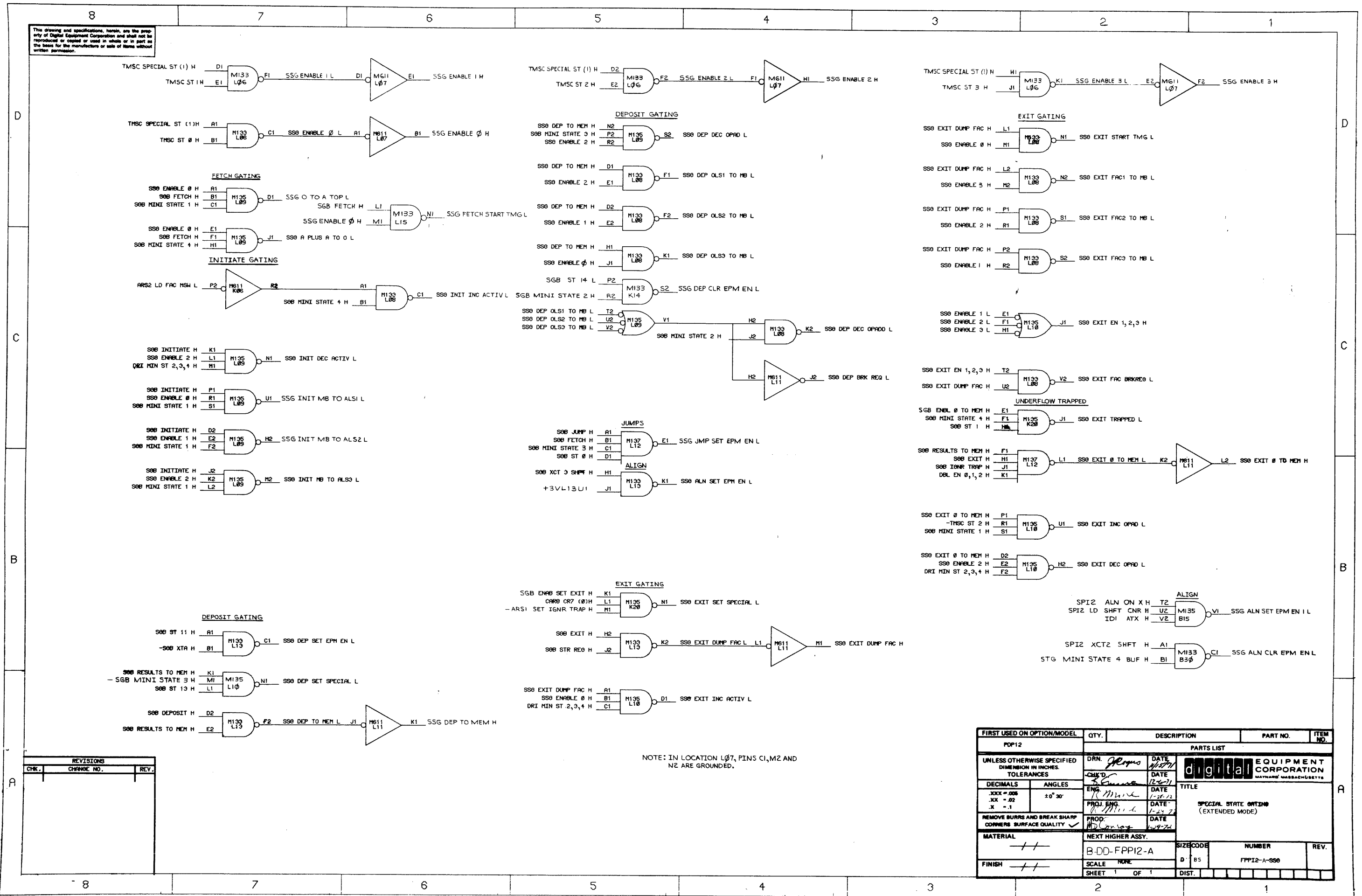


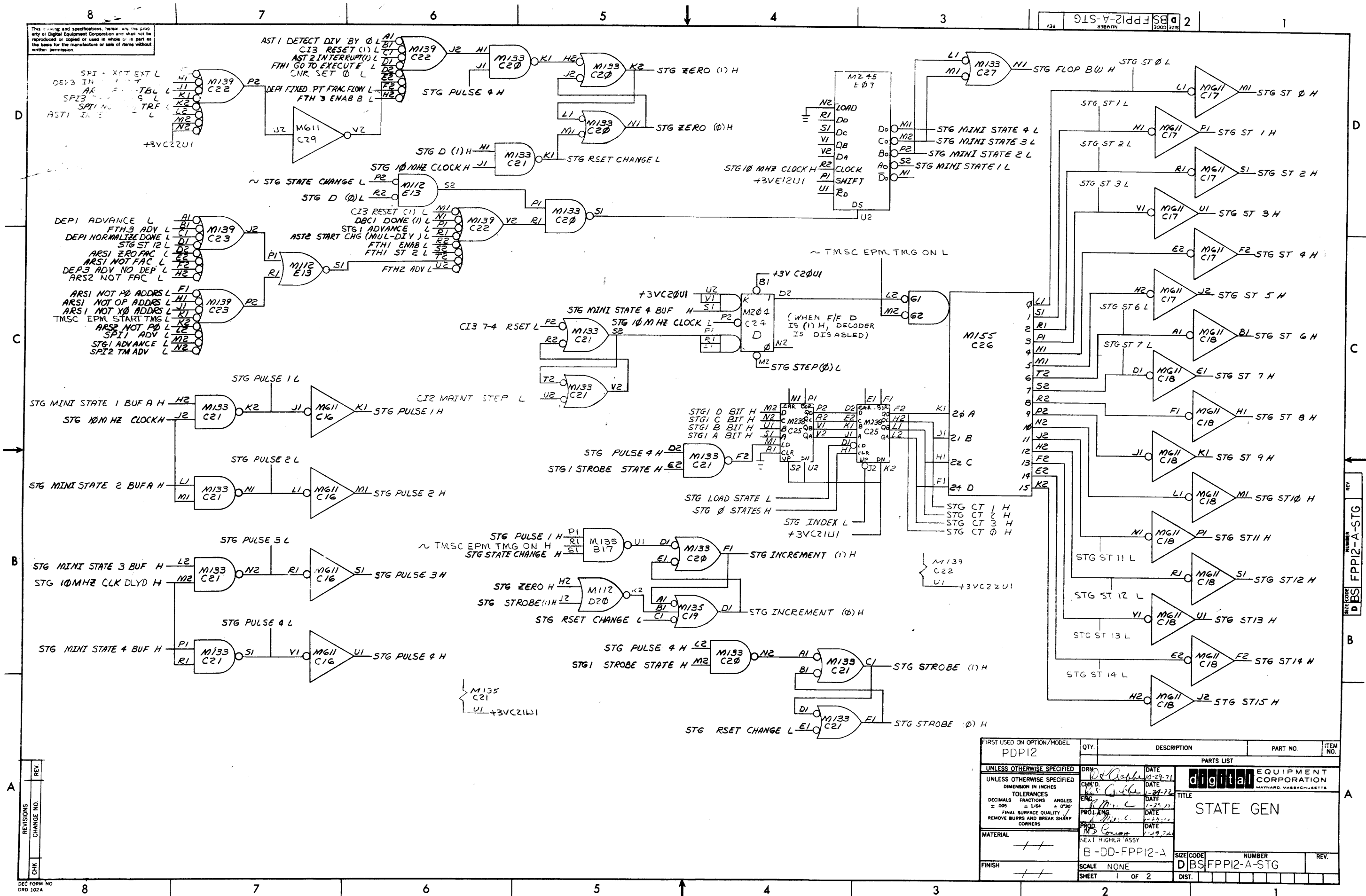
FIRST USED ON OPTION / MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP 12					
UNLESS OTHERWISE SPECIFIED		DRN	DATE	PARTS LIST	
UNLESS OTHERWISE SPECIFIED		CHK'D	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
DIMENSION IN INCHES		ENG	DATE	TITLE	
TOLERANCES		PROL ENG	DATE	SPECIAL INSTRUCTIONS 3	
DECIMALS FRACTIONS ANGLES		PROD	DATE	SIZE/CODE NUMBER REV.	
± .005 ± 1/64 ± 0°30'		NEXT HIGHER ASSY		B-DD-FPPI2-A	
FINAL SURFACE QUALITY		SCALE		SHEET 1 OF 2	
REMOVE BURRS AND BREAK SHARP CORNERS		DIST.		D BS FPPI2-A-SPI3	
MATERIAL		FINISH			

REVISIONS
CHANGE NO.
CHK

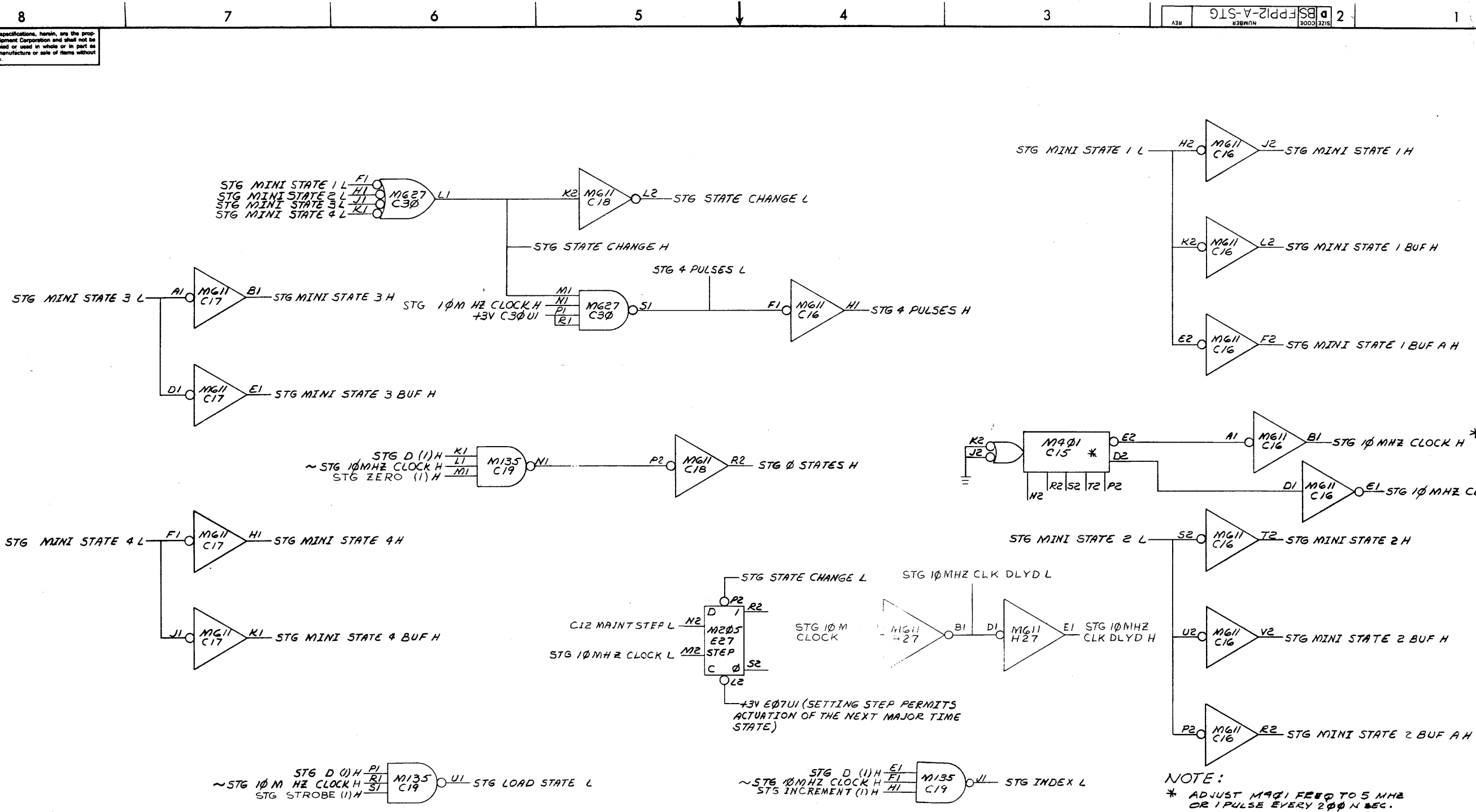
DEC FORM NO
DRD 102A

FIRST USED ON OPTION/MODEL PDP 12	QTY.	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED	DRN. <i>16</i>	DATE <i>10-17-73</i>	PARTS LIST	
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES DECIMALS FRACTIONS ANGLES ± .005 ± 1/64 ± 0°30' FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	CHWD. <i>16</i> ENG. <i>16</i> PROJ. ENG. <i>16</i> PROD. <i>16</i>	DATE <i>1-24-72</i> DATE <i>1-24-72</i> DATE <i>1-24-72</i> DATE <i>1-24-72</i>	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
MATERIAL <i>+ +</i>	NEXT HIGHER ASSY B-DD-FPPI2-A	TITLE SPECIAL INSTRUCTIONS 3		
FINISH <i>+ +</i>	SCALE <i>++</i> SHEET <i>2</i> OF <i>2</i>	SIZE/CODE DBS	NUMBER FPPI2-A-SPI3	REV.





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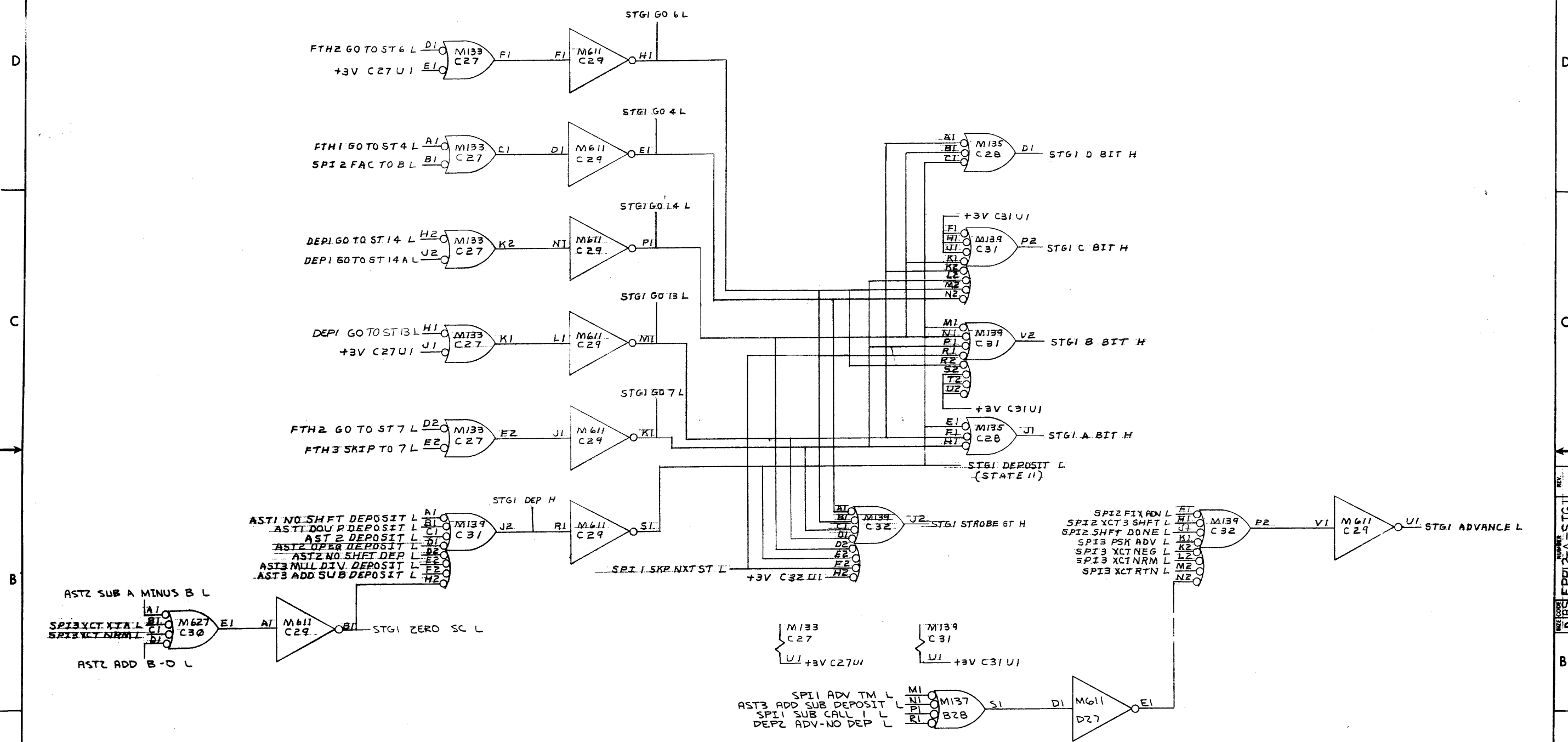


NOTE:
* ADJUST M401 FREQ TO 5 MHz OR 1 PULSE EVERY 200 N SEC.

FIRST USED ON OPTION MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP12				
UNLESS OTHERWISE SPECIFIED	DRY	DATE	1-24-71	
UNLESS OTHERWISE SPECIFIED	CHKD	DATE	1-24-72	
DIMENSION IN INCHES	ENG	DATE	1-28-72	
TOLERANCES	PROJ. ENG.	DATE	1-28-72	
DECIMALS FRACTIONS ANGLES	PROD.	DATE	1-28-72	
± .005 ± .1/64 ± 0°30'				
FINAL SURFACE QUALITY				
REMOVE BURRS AND BREAK SHARP CORNERS				
MATERIAL	NEXT HIGHER ASSY			
FINISH	B-DD-FPPI2-A			
SCALE	NONE			
SHEET	2 OF 2			
		SIZE CODE	NUMBER	REV.
		D	BSFPPI2-A-STG	
		DIST.		

REV.	CHANGE NO.	CHK
1		
2		
3		
4		
5		
6		
7		
8		

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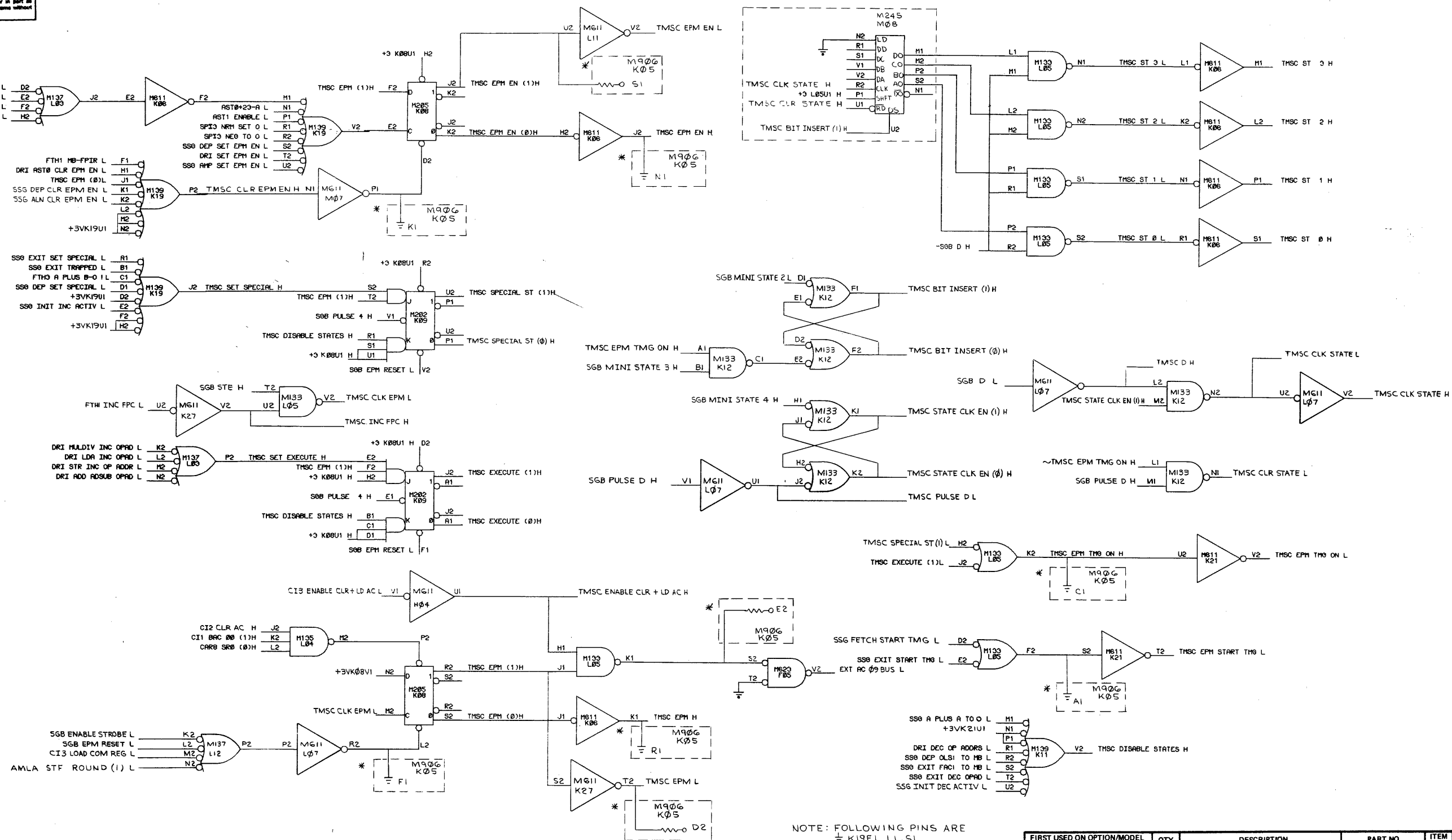


REV.	CHG.	NO.
1	1	1

FORM NO. 102A

FIRST USED ON OPTION/MODEL PDP12		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST					
UNLESS OTHERWISE SPECIFIED		DRN.	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
DIMENSION IN INCHES		CHG.	DATE	TITLE	
TOLERANCES		ENG.	DATE	STATE GENERATOR JUMPS	
DECIMALS FRACTIONS ANGLES		PROJ. ENG.	DATE	SIZE CODE	
± .005 ± .002 ± .010		PROD.	DATE	NUMBER	
FINAL SURFACE QUALITY		B-DD-FPPI2-A			
REMOVE BURRS AND BREAK SHARP CORNERS		SCALE NONE			
MATERIAL		SHEET 1 OF 1			
FINISH		DIST.			

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NOTE: FOLLOWING PINS ARE
 $\frac{1}{2}$ K19E1, L1, S1
 * EPM DISABLE MODULE

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP12			PARTS LIST		
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN. <i>John Raga</i>	DATE <i>4/24/79</i>	 DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
		CHK'D <i>B. Sumner</i>	DATE <i>12-8-77</i>		
DECIMALS	ANGLES	ENG. <i>JL</i>	DATE <i>1-1-79</i>	TITLE TIMING AND STATE CONTROL (EXTENDED MODE)	
.XXX = .006 .XX = .02 .X = .1	±0° 30'	PROJ. ENG.	DATE <i>1-1-79</i>		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓		PROD. <i>W. O. Conroy</i>	DATE <i>1-25-79</i>		
MATERIAL <i>++</i>		NEXT HIGHER ASSY. B-DD-FPPI2-A		SIZE CODE D BS	NUMBER FPPI2-A-TSC
FINISH <i>++</i>		SCALE NONE		REV	
		SHEET OF		DIST.	

REVISIONS		
CHK.	CHANGE NO.	REV.

REVIEWS	CHK	CHANGE NO.	REV.
	<i>W</i>	FPII2A-00001	A
		<i>Not available 5-2-72</i>	
		MOORE	
		<i>11 Moore 5-10-72</i>	
	<i>W</i>	FPII2A-00002	B
		<i>Not change 5-14-72</i>	
		MOORE	
	<i>W</i>	<i>11 Moore 5/13/72</i>	
	<i>W</i>	FPII2A-00005	C
		<i>Not change 9-17-73</i>	

REV. 1		REV. 2		REV. 3		REV. 4		REV. 5		REV. 6		REV. 7		REV. 8		REV. 9		REV. 10		REV. 11		REV. 12		REV. 13		REV. 14		REV. 15		REV. 16		REV. 17		REV. 18		REV. 19		REV. 20		REV. 21		REV. 22		REV. 23		REV. 24		REV. 25		REV. 26		REV. 27		REV. 28		REV. 29		REV. 30		REV. 31		REV. 32		REV. 33		REV. 34		REV. 35		REV. 36		REV. 37		REV. 38		REV. 39		REV. 40		REV. 41		REV. 42		REV. 43		REV. 44		REV. 45		REV. 46		REV. 47		REV. 48		REV. 49		REV. 50		REV. 51		REV. 52		REV. 53		REV. 54		REV. 55		REV. 56		REV. 57		REV. 58		REV. 59		REV. 60		REV. 61		REV. 62		REV. 63		REV. 64		REV. 65		REV. 66		REV. 67		REV. 68		REV. 69		REV. 70		REV. 71		REV. 72		REV. 73		REV. 74		REV. 75		REV. 76		REV. 77		REV. 78		REV. 79		REV. 80		REV. 81		REV. 82		REV. 83		REV. 84		REV. 85		REV. 86		REV. 87		REV. 88		REV. 89		REV. 90		REV. 91		REV. 92		REV. 93		REV. 94		REV. 95		REV. 96		REV. 97		REV. 98		REV. 99		REV. 100		REV. 101		REV. 102		REV. 103		REV. 104		REV. 105		REV. 106		REV. 107		REV. 108		REV. 109		REV. 110		REV. 111		REV. 112		REV. 113		REV. 114		REV. 115		REV. 116		REV. 117		REV. 118		REV. 119		REV. 120		REV. 121		REV. 122		REV. 123		REV. 124		REV. 125		REV. 126		REV. 127		REV. 128		REV. 129		REV. 130		REV. 131		REV. 132		REV. 133		REV. 134		REV. 135		REV. 136		REV. 137		REV. 138		REV. 139		REV. 140		REV. 141		REV. 142		REV. 143		REV. 144		REV. 145		REV. 146		REV. 147		REV. 148		REV. 149		REV. 150		REV. 151		REV. 152		REV. 153		REV. 154		REV. 155		REV. 156		REV. 157		REV. 158		REV. 159		REV. 160		REV. 161		REV. 162		REV. 163		REV. 164		REV. 165		REV. 166		REV. 167		REV. 168		REV. 169		REV. 170		REV. 171		REV. 172		REV. 173		REV. 174		REV. 175		REV. 176		REV. 177		REV. 178		REV. 179		REV. 180		REV. 181		REV. 182		REV. 183		REV. 184		REV. 185		REV. 186		REV. 187		REV. 188		REV. 189		REV. 190		REV. 191		REV. 192		REV. 193		REV. 194		REV. 195		REV. 196		REV. 197		REV. 198		REV. 199		REV. 200		REV. 201		REV. 202		REV. 203		REV. 204		REV. 205		REV. 206		REV. 207		REV. 208		REV. 209		REV. 210		REV. 211		REV. 212		REV. 213		REV. 214		REV. 215		REV. 216		REV. 217		REV. 218		REV. 219		REV. 220		REV. 221		REV. 222		REV. 223		REV. 224		REV. 225		REV. 226		REV. 227		REV. 228		REV. 229		REV. 230		REV. 231		REV. 232		REV. 233		REV. 234		REV. 235		REV. 236		REV. 237		REV. 238		REV. 239		REV. 240		REV. 241		REV. 242		REV. 243		REV. 244		REV. 245		REV. 246		REV. 247		REV. 248		REV. 249		REV. 250		REV. 251		REV. 252		REV. 253		REV. 254		REV. 255		REV. 256		REV. 257		REV. 258		REV. 259		REV. 260		REV. 261		REV. 262		REV. 263		REV. 264		REV. 265		REV. 266		REV. 267		REV. 268		REV. 269		REV. 270		REV. 271		REV. 272		REV. 273		REV. 274		REV. 275		REV. 276		REV. 277		REV. 278		REV. 279		REV. 280		REV. 281		REV. 282		REV. 283		REV. 284		REV. 285		REV. 286		REV. 287		REV. 288		REV. 289		REV. 290		REV. 291		REV. 292		REV. 293		REV. 294		REV. 295		REV. 296		REV. 297		REV. 298		REV. 299		REV. 300		REV. 301		REV. 302		REV. 303		REV. 304		REV. 305		REV. 306		REV. 307		REV. 308		REV. 309		REV. 310		REV. 311		REV. 312		REV. 313		REV. 314		REV. 315		REV. 316		REV. 317		REV. 318		REV. 319		REV. 320		REV. 321		REV. 322		REV. 323		REV. 324		REV. 325		REV. 326		REV. 327		REV. 328		REV. 329		REV. 330		REV. 331		REV. 332		REV. 333		REV. 334		REV. 335		REV. 336		REV. 337		REV. 338		REV. 339		REV. 340		REV. 341		REV. 342		REV. 343		REV. 344		REV. 345		REV. 346		REV. 347		REV. 348		REV. 349		REV. 350		REV. 351		REV. 352		REV. 353		REV. 354		REV. 355		REV. 356		REV. 357		REV. 358		REV. 359		REV. 360		REV. 361		REV. 362		REV. 363		REV. 364		REV. 365		REV. 366		REV. 367		REV. 368		REV. 369		REV. 370		REV. 371		REV. 372		REV. 373		REV. 374		REV. 375		REV. 376		REV. 377		REV. 378		REV. 379		REV. 380		REV. 381		REV. 382		REV. 383		REV. 384		REV. 385		REV. 386		REV. 387		REV. 388		REV. 389		REV. 390		REV. 391		REV. 392		REV. 393		REV. 394		REV. 395		REV. 396		REV. 397		REV. 398		REV. 399		REV. 400		REV. 401		REV. 402		REV. 403		REV. 404		REV. 405		REV. 406		REV. 407		REV. 408		REV. 409		REV. 410		REV. 411		REV. 412		REV. 413		REV. 414		REV. 415		REV. 416		REV. 417		REV. 418		REV. 419		REV. 420		REV. 421		REV. 422		REV. 423		REV. 424		REV. 425		REV. 426		REV. 427		REV. 428		REV. 429		REV. 430		REV. 431		REV. 432		REV. 433		REV. 434		REV. 435		REV. 436		REV. 437		REV. 438		REV. 439		REV. 440		REV. 441		REV. 442		REV. 443		REV. 444		REV. 445		REV. 446		REV. 447		REV. 448		REV. 449		REV. 450		REV. 451		REV. 452		REV. 453		REV. 454		REV. 455		REV. 456		REV. 457		REV. 458		REV. 459		REV. 460		REV. 461		REV. 462		REV. 463		REV. 464		REV. 465		REV. 466		REV. 467		REV. 468		REV. 469		REV. 470		REV. 471		REV. 472		REV. 473		REV. 474		REV. 475		REV. 476		REV. 477		REV. 478		REV. 479		REV. 480		REV. 481		REV. 482		REV. 483		REV. 484		REV. 485		REV. 486		REV. 487		REV. 488		REV. 489		REV. 490		REV. 491		REV. 492		REV. 493		REV. 494		REV. 495		REV. 496		REV. 497		REV. 498		REV. 499		REV. 500		REV. 501		REV. 502		REV. 503		REV. 504		REV. 505		REV. 506		REV. 507		REV. 508		REV. 509		REV. 510		REV. 511		REV. 512		REV. 513		REV. 514		REV. 515		REV. 516		REV. 517		REV. 518		REV. 519		REV. 520		REV. 521		REV. 522		REV. 523		REV. 524		REV. 525		REV. 526		REV. 527		REV. 528		REV. 529		REV. 530		REV. 531		REV. 532		REV. 533		REV. 534		REV. 535		REV. 536		REV. 537		REV. 538		REV. 539		REV. 540		REV. 541		REV. 542		REV. 543		REV. 544		REV. 545		REV. 546		REV. 547		REV. 548		REV. 549		REV. 550		REV. 551		REV. 552		REV. 553		REV. 554		REV. 555		REV. 556		REV. 557		REV. 558		REV. 559		REV. 560		REV. 561		REV. 562		REV. 563		REV. 564		REV. 565		REV. 566		REV. 567		REV. 568		REV. 569		REV. 570		REV. 571		REV. 572		REV. 573		REV. 574		REV. 575		REV. 576		REV. 577		REV. 578		REV. 579		REV. 580		REV. 581		REV. 582		REV. 583		REV. 584		REV. 585		REV. 586		REV. 587		REV. 588		REV. 589		REV. 590		REV. 591		REV. 592		REV. 593		REV. 594		REV. 595		REV. 596		REV. 597		REV. 598		REV. 599		REV. 600		REV. 601		REV. 602		REV. 603		REV. 604		REV. 605		REV. 606		REV. 607		REV. 608		REV. 609		REV. 610		REV. 611		REV. 612		REV. 613		REV. 614		REV. 615		REV. 616		REV. 617		REV. 618		REV. 619		REV. 620		REV. 621		REV. 622		REV. 623		REV. 624		REV. 625		REV. 626		REV. 627		REV. 628		REV. 629		REV. 630		REV. 631		REV. 632		REV. 633		REV. 634		REV. 635		REV. 636		REV. 637		REV. 638		REV. 639		REV. 640		REV. 641		REV. 642		REV. 643		REV. 644		REV. 645		REV. 646		REV. 647		REV. 648		REV. 649		REV. 650		REV. 651		REV. 652		REV. 653		REV. 654		REV. 655		REV. 656		REV. 657		REV. 658		REV. 659		REV. 660		REV. 661		REV. 662		REV. 663		REV. 664		REV. 665		REV. 666		REV. 667		REV. 668		REV. 669		REV. 670		REV. 671		REV. 672		REV. 673		REV. 674		REV. 675		REV. 676		REV. 677		REV. 678		REV. 679		REV. 680		REV. 681		REV. 682		REV. 683		REV. 684		REV. 685		REV. 686		REV. 687		REV. 688		REV. 689		REV. 690		REV. 691		REV. 692		REV. 693		REV. 694		REV. 695		REV. 696		REV. 697		REV. 698		REV. 699		REV. 700		REV. 701		REV. 702		REV. 703		REV. 704		REV. 705		REV. 706		REV. 707		REV. 708		REV. 709		REV. 710		REV. 711		REV. 712		REV. 713		REV. 714		REV. 715		REV. 716		REV. 717		REV. 718		REV. 719		REV. 720		REV. 721		REV. 722		REV. 723		REV. 724		REV. 725		REV. 726		REV. 727		REV. 728		REV. 729		REV. 730		REV. 731		REV. 732		REV. 733		REV. 734		REV. 735		REV. 736		REV. 737		REV. 738		REV. 739		REV. 740		REV. 741		REV. 742		REV. 743		REV. 744		REV. 745		REV. 746		REV. 747		REV. 748		REV. 749		REV. 750		REV. 751		REV. 752		REV. 753		REV. 754		REV. 755		REV. 756		REV. 757		REV. 758		REV. 759		REV. 760		REV. 761		REV. 762		REV. 763		REV. 764		REV. 765		REV. 766		REV. 767		REV. 768		REV. 769		REV. 770		REV. 771		REV. 772		REV. 773		REV. 774		REV. 775		REV. 776		REV. 777		REV. 778		REV. 779		REV. 780		REV. 781		REV. 782		REV. 783		REV. 784		REV. 785		REV. 786		REV. 787		REV. 788		REV. 789		REV. 790		REV. 791		REV. 792		REV. 793		REV. 794		REV. 795		REV. 796		REV. 797		REV. 798		REV. 799		REV. 800		REV. 801		REV. 802		REV. 803		REV. 804		REV. 805		REV. 806		REV. 807		REV. 808		REV. 809		REV. 810		REV. 811		REV. 812		REV. 813		REV. 814		REV. 815		REV. 816		REV. 817		REV. 818		REV. 819		REV. 820		REV. 821		REV. 822		REV. 823		REV. 824		REV. 825		REV. 826		REV. 827		REV. 828		REV. 829		REV. 830		REV. 831		REV. 832		REV. 833		REV. 834		REV. 835		REV. 836		REV. 837		REV. 838		REV. 839		REV. 840		REV. 841		REV. 842		REV. 843		REV. 844		REV. 845		REV. 846		REV. 847		REV. 848		REV. 849		REV. 850		REV. 851		REV. 852		REV. 853		REV. 854		REV. 855		REV. 856		REV. 857		REV. 858		REV. 859		REV. 860		REV. 861		REV. 862		REV. 863		REV. 864		REV. 865		REV. 866		REV. 867		REV. 868		REV. 869		REV. 870		REV. 871		REV. 872		REV. 873		REV. 874		REV. 875		REV. 876		REV. 877		REV. 878		REV. 879		REV. 880		REV. 881		REV. 882		REV. 883		REV. 884		REV. 885		REV. 886		REV. 887		REV. 888		REV. 889		REV. 890		REV. 891		REV. 892	
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FIRST USED ON OPTION / MODEL PDP12		DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES DECIMALS FRACTIONS ANGLES ± .005 ± 1/64 ± 0°30' FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS		DRN <i>Rebus</i>	DATE 12/29/71	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS TITLE MODULE UTILIZATION	SIZE CODE DMM	NUMBER FPP12-A -01	REV. C
MATERIAL 		CHK'D <i>K. Crable</i>	DATE 1/11/72						
FINISH 		ENG. <i>R. Moore</i>	DATE 1/11/72						
		PROD. <i>M. C. Conroy</i>	DATE 1/29/72						
		NEXT HIGHER ASSY B-DD-FPP12-A							
		SCALE NONE							
		SHEET 1 OF 6		DIST.					

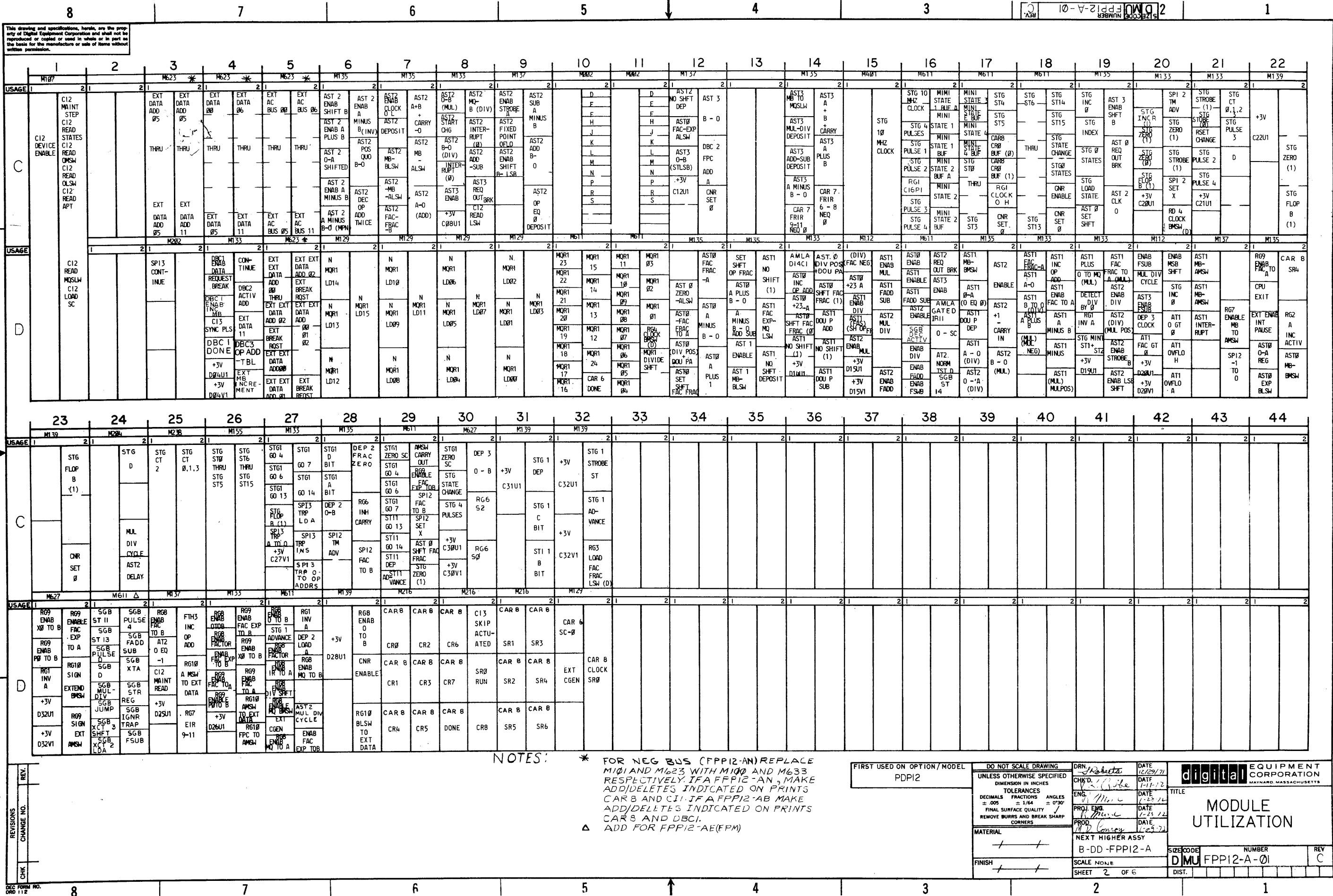


Diagram showing the layout of a digital equipment module, specifically the PDP12-A-01. The layout is organized into columns numbered 1 through 22, and rows labeled A through F. The diagram includes various components, their connections, and a detailed table of component utilization.

Component Utilization Table:

COMPONENT	LOCATION	QUANTITY	REMARKS
AT1	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT2	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT3	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT4	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT5	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT6	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT7	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT8	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT9	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT10	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT11	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT12	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT13	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT14	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT15	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT16	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT17	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT18	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT19	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT20	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT21	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT22	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT23	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT24	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT25	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT26	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT27	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT28	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT29	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT30	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT31	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT32	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT33	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT34	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	

NOTES:

- FOR NEG BUS (FPP12-A) REPLACE M101 AND M623 WITH M100 AND M633 RESPECTIVELY.
- IF A FPP12-A MAKE ADD/DELETES INDICATED ON PRINTS CARB AND C11.
- IF A FPP12-AE MAKE ADD/DELETES INDICATED ON PRINTS CARB AND DBC1.

Module Utilization Table:

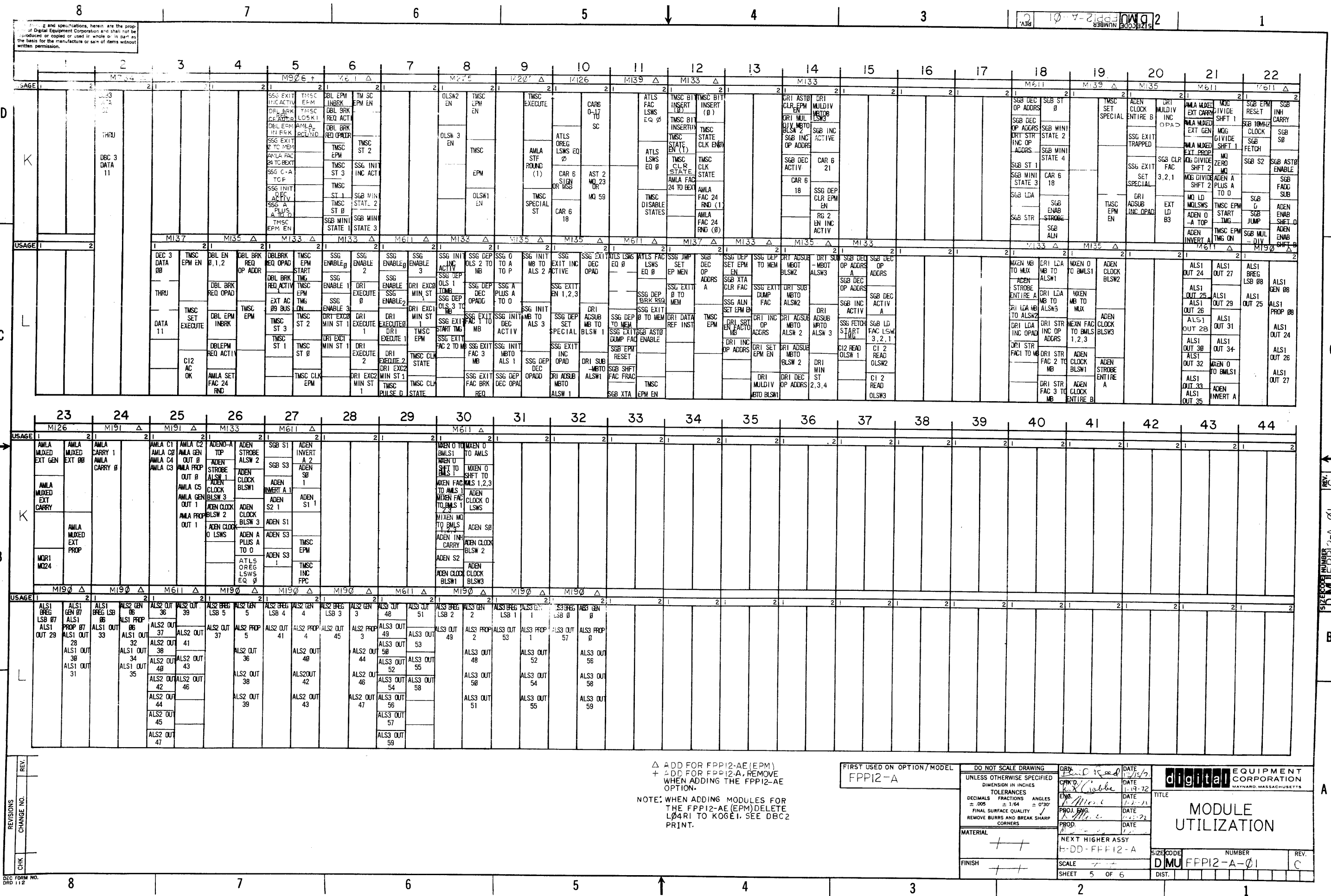
COMPONENT	LOCATION	QUANTITY	REMARKS
AT1	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT2	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT3	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT4	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT5	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT6	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT7	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT8	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT9	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT10	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT11	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT12	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT13	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT14	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT15	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT16	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT17	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT18	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT19	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT20	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT21	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT22	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT23	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT24	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT25	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT26	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT27	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT28	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT29	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT30	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT31	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT32	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT33	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT34	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	

Module Utilization Table:

COMPONENT	LOCATION	QUANTITY	REMARKS
AT1	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT2	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT3	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT4	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT5	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT6	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT7	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT8	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT9	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT10	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT11	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT12	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT13	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT14	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT15	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT16	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT17	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT18	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT19	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT20	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT21	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT22	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT23	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT24	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT25	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT26	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT27	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT28	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT29	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT30	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT31	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT32	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT33	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT34	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	

Module Utilization Table:

COMPONENT	LOCATION	QUANTITY	REMARKS
AT1	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT2	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT3	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT4	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT5	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT6	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT7	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT8	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT9	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT10	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT11	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT12	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT13	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	1	
AT14	1, 2, 3, 4		



PARTS LIST

DATE 1-28-72

DATE 1-24-72

1	ISSUED SECT.
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[illegible]

TITLE MODULE UTILIZATION (FPP12-A)	ASSY NO. D-MU-FPP12-A-Ø1	SIZE A	CODE PL	NUMBER FPP12-A-Ø1				REV. C	ECO NO. FPP12A 00005
	SHEET 1 OF 2	DIST.							

PARTS LIST

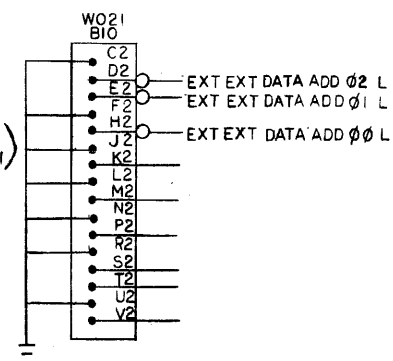
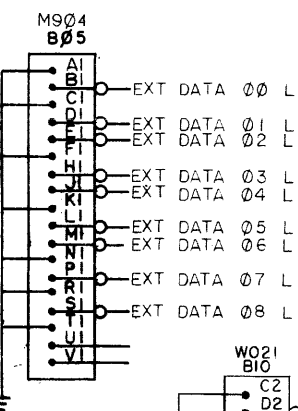
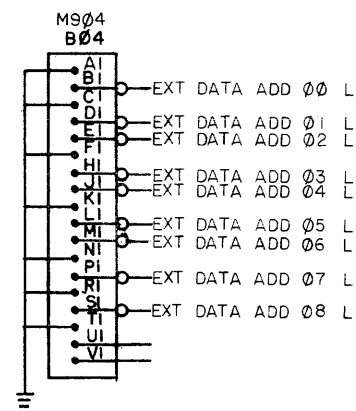
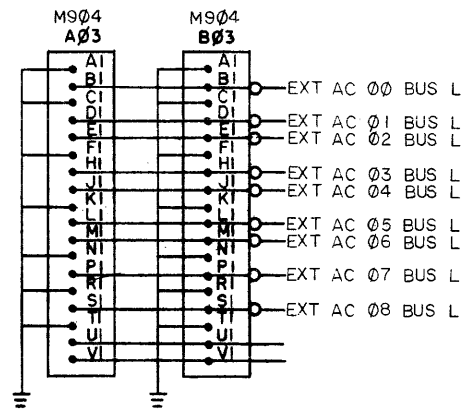
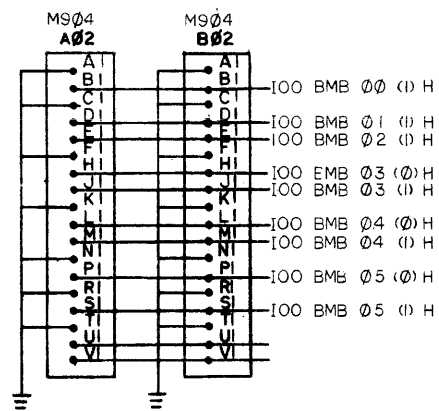
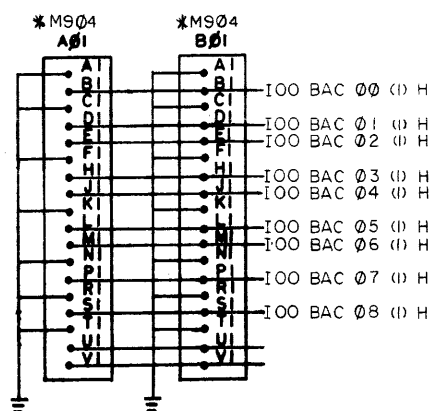
DATE 1-23-72

DATE 11-1-78

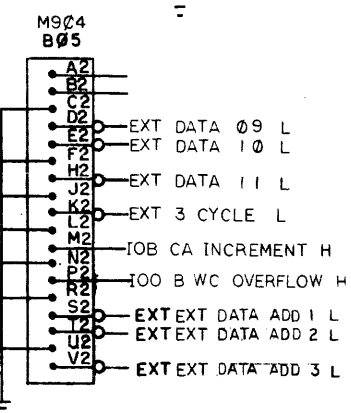
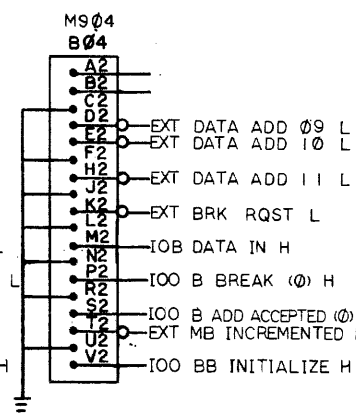
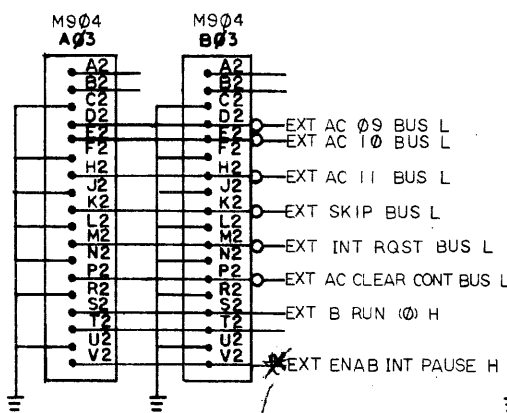
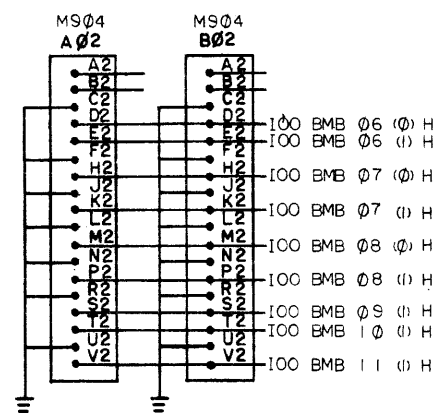
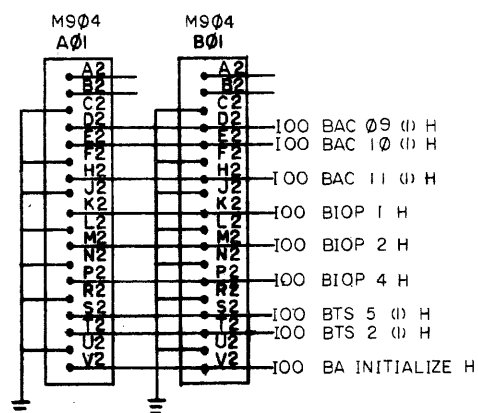
ISSUED SECT.	
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[illegible][illegible]

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(THIS CABLE IS USED WITH PDP 8 OR
LINC 8 COMPUTERS WITH NO DMOI)



NOTES:
PLACE G 717 (ETCH REV B) MODULE
IN LAST DEVICE ON POS BUS.

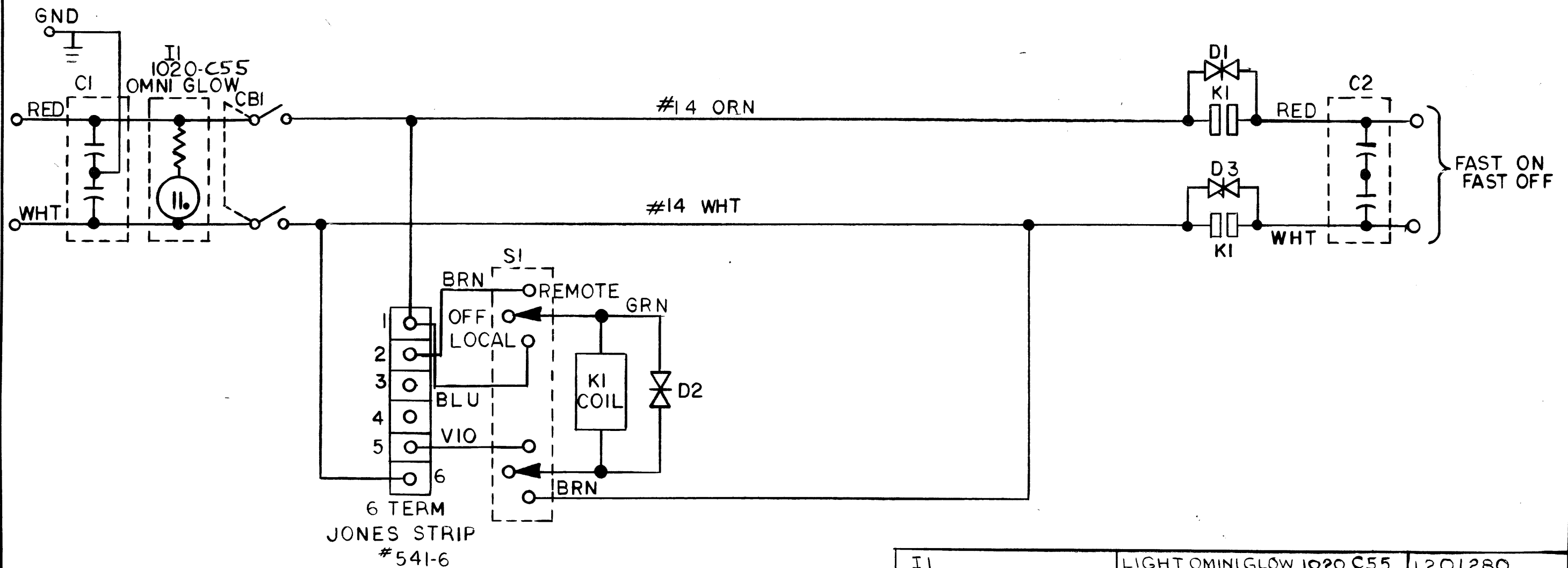
CAR 8 page

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP 12					
UNLESS OTHERWISE SPECIFIED		PARTS LIST			
UNLESS OTHERWISE SPECIFIED		EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
DIMENSION IN INCHES		TITLE I/O CONNECTORS			
TOLERANCES		SIZE/CODE D1C			
DECIMALS FRACTIONS ANGLES		NUMBER FPP12-A-IOC			
± .005 ± 1/64 ± 0°30'		REV.			
FINAL SURFACE QUALITY		DIST.			
REMOVE BURRS AND BREAK SHARP CORNERS					
MATERIAL		NEXT HIGHER ASSY			
FINISH		SCALE			
		SHEET 1 OF 1			

REVISIONS
CHANGE NO. REV.
CHK

DEC FORM NO.
ORD 102 A

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I1	LIGHT OMNI GLOW 1020 C55	1201280
D1, D2, D3	DIODE THY 6RS20SP4B4	1100106
CBI	CIR BREAKER*190-220-104	1201218
KI	RELAY EM-4, 115V	1205768
SI	TOGGLE SW CH 7563K6	1205964
C1 & C2	CAP. 2X .1MFD 1KVDC	1000034
PARTS LIST		A-PL-854-0-0
REF DESIGNATION	DESCRIPTION	PART NO
PARTS LIST		

REVISIONS CHK CHG NO. REV. 00002 A 11/15/68 11/15/68	DRN. P. L. BLANK	DATE 10-21-68	TRANSISTOR & DIODE CONVERSION CHART		digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE POWER CONTROL 854			
	OHWD J. J. BROWN	DATE 11/7/68	DEC	EIA		SIZE B	CODE CS	NUMBER 854-0-1	REV. A
	ENG. G. W. GERELDS	DATE 11/15/68	DEC	EIA		PRINTED CIRCUIT REV.			
	PROD. G. W. GERELDS	DATE 11/15/68	DEC	EIA					

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NOTES:

1. CONNECTIONS ON ITEMS 4 & 5 TO BE LOCATED AT MINIMUM PRACTICAL HEIGHT ABOVE BLOCKS.
2. USE YELLOW WIRE (ITEM #6) FOR MACHINE WRAPPED AND BLUE WIRE (ITEM #2) FOR HAND WRAPPED.
3. THIS SIGNAL IS NOW HAND-WRAPPED TO ELIMINATE NOISE IN 4-UR.

10.44 REF

19.00 REF

DETAIL A
PLACES

REF	WIRE LIST	KWL-FPP12A-03	REF
WIR	LOGIC FRAME DECALS	A-DC-74363710-0	7
WIR	#22 TUBING, TEFLON, WHITE	9107265-09	6
WIR	#22 AWG BUS WIRE	9107560-01	5
WIR	BUS STRIP	1205541	4
WIR	#30 AWG SOLID TEF INS. WIRE, YEL	9105740-44	3
WIR	#30 AWG SOLID TEF INS WIRE, BLU	9105740-66	2
6	H311 MTG PANEL	D-4D-5404931-0-0	1

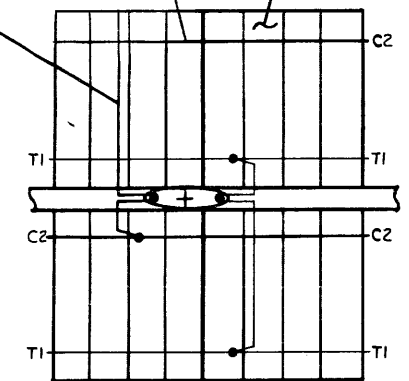
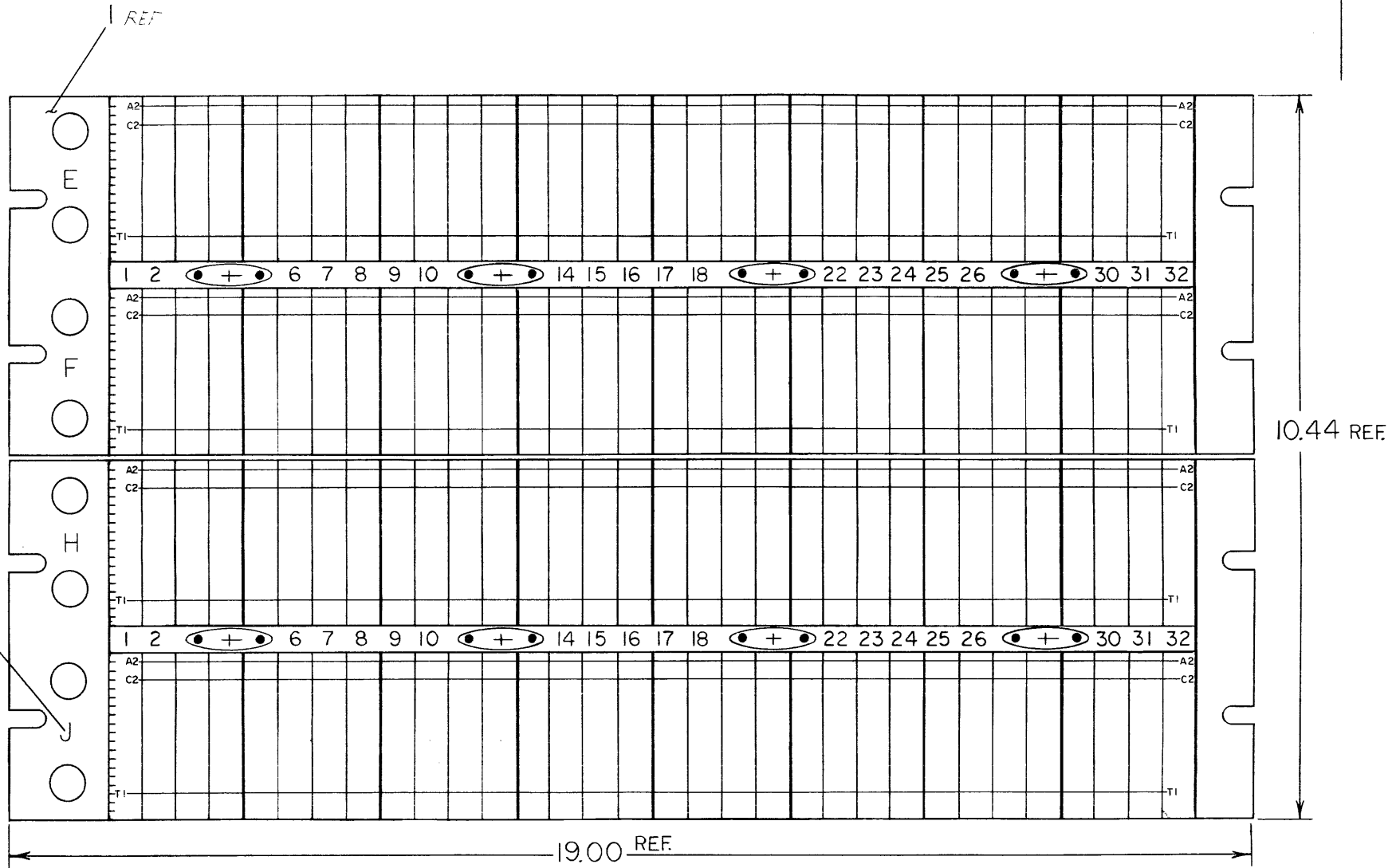
FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES		DRN S DATE	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
DECIMALS	ANGLES	CHK D DATE	DATE	TITLE	
XXX - .005	± 0° 30'	ENG M DATE	DATE	WIRED ASS'Y. (FPP12-A)	
XX - .02		PROJ ENG. DATE	DATE	SIZE CODE DAD 71 8725-0-0	
X - .1		PROD. DATE	DATE	NUMBER REV A	
REMOVE BURRS AND BREAK SHARP CORNERS. SURFACE QUALITY		NEXT HIGHER ASSY.			
MATERIAL		SCALE		SHEET	
FINISH		OF 3		DIST	

BRUNING 40-107 15968

REV	CHG	NO	BY	DATE
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	9	9
10	10	10	10	10
11	11	11	11	11
12	12	12	12	12
13	13	13	13	13
14	14	14	14	14
15	15	15	15	15
16	16	16	16	16
17	17	17	17	17
18	18	18	18	18
19	19	19	19	19
20	20	20	20	20
21	21	21	21	21
22	22	22	22	22
23	23	23	23	23
24	24	24	24	24
25	25	25	25	25
26	26	26	26	26
27	27	27	27	27
28	28	28	28	28
29	29	29	29	29
30	30	30	30	30
31	31	31	31	31
32	32	32	32	32

DEC FORM NO
DRD 131

- NOTES:
1. CONNECTIONS ON ITEMS 4 & 5 TO BE LOCATED AT MINIMUM PRACTICAL HEIGHT ABOVE BLOCKS.
 2. USE YELLOW WIRE (ITEM #3) FOR MACHINE WRAPPED AND BLUE WIRE (ITEM #2) FOR HAND WRAPPED.



DETAIL A
(24 PLACES REF)

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP12				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES.	DRN. <i>12/15/71</i>	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
TOLERANCES	CHK'D. <i>1/11/72</i>	DATE		
DECIMALS	ENG. <i>1/25/72</i>	DATE	TITLE WIRED ASS'Y. (FPPI2-A)	
ANGLES	PROJ. ENG. <i>1/25/72</i>	DATE		
.XXX = .005	PROD. <i>1/25/72</i>	DATE	SIZE CODE B- DD-FPPI2-A	
.XX = .02				
.X = .1			NUMBER DAD 7008732-0-0	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓				
MATERIAL			REV. A	
FINISH				
			SHEET 2 OF 3	

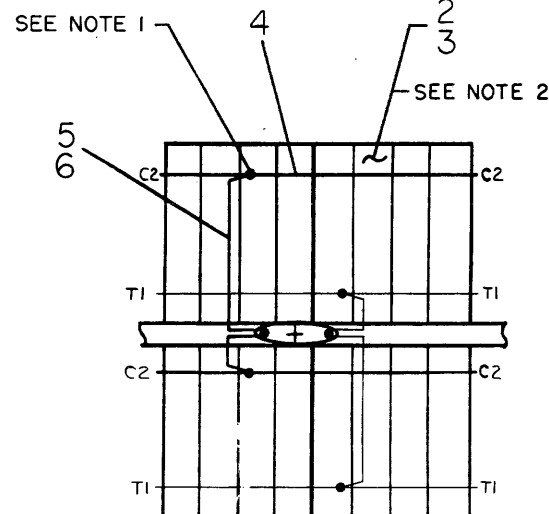
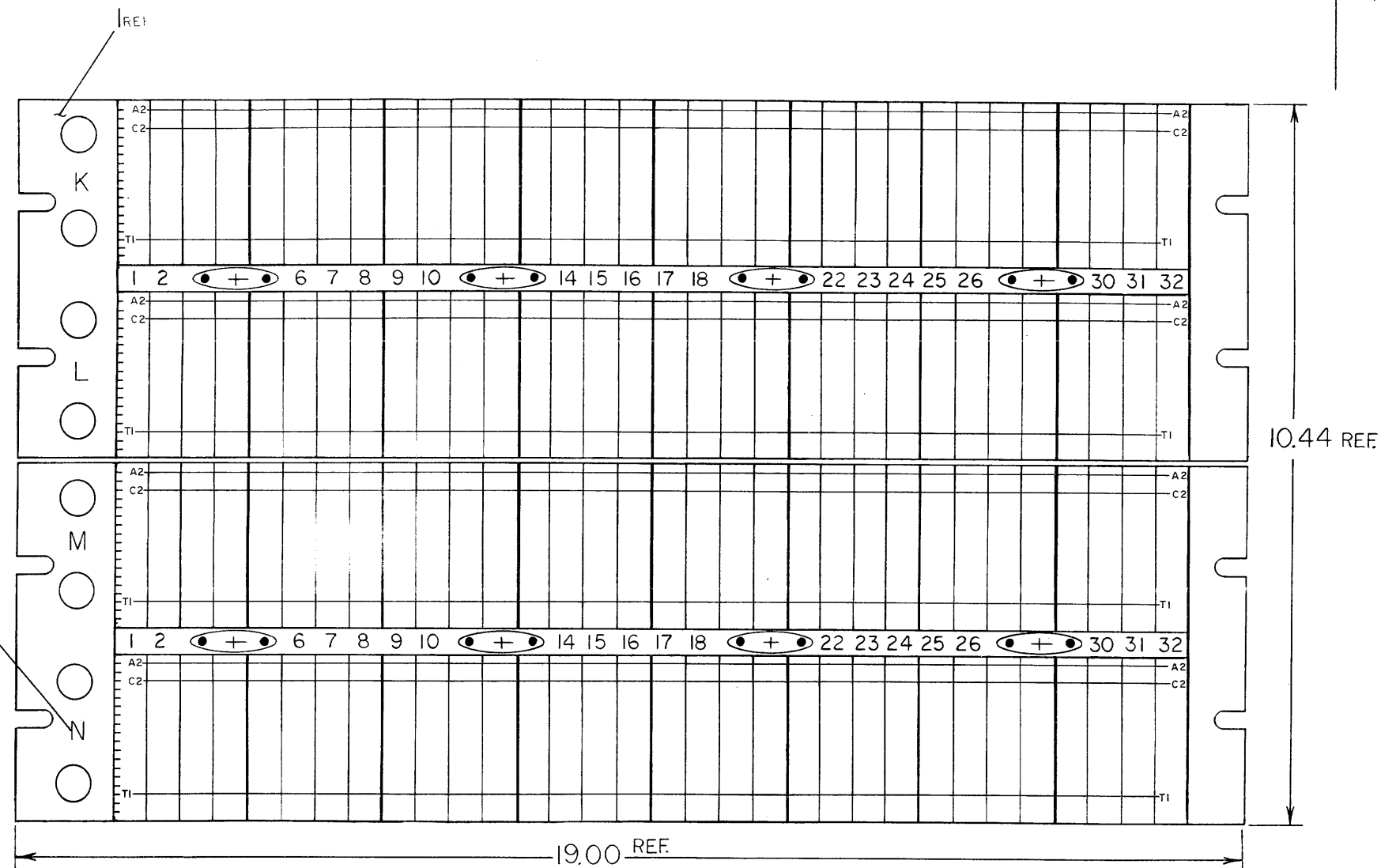
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BRUNING 40-107 15888
DEC FORM NO
LNU 1 2 1

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NOTES:

1. CONNECTIONS ON ITEMS 4 & 5 TO BE LOCATED AT MINIMUM PRACTICAL HEIGHT ABOVE BLOCKS.
2. USE YELLOW WIRE (ITEM #3) FOR MACHINE WRAPPED AND BLUE WIRE (ITEM #2) FOR HAND WRAPPED.



DETAIL A
(24 PLACES REF)

FIRST USED ON OPTION/MODEL PDPI2	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES	DRN. 12-15-71	DATE 12-15-71	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
DECIMALS .XXX = .005 .XX = .02 .X = .1	ANGLES 10° 30'	CHK'D. 1-11-72	DATE 1-11-72	TITLE WIRED ASS'Y. (FPPI2-A)
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	ENG. 1-11-72	DATE 1-11-72	SIZE CODE DAD 7008732-0-0	
MATERIAL ---	PROD. 1-11-72	DATE 1-11-72	NUMBER 7008732-0-0	
FINISH ---	NEXT HIGHER ASSY. B-DD-FPPI2-A	SCALE NONE	REV.	
SHEET 3 OF 3		DIST.		

BRUNING 40-107 15868	REV.
CHG	CHANGE NO.
DEC FORM NO DRD 131	

SOFTWARE 167

CHECKED D. Crabbe	SECTION
DATE 6/22/72	

PROD	M. Conroy
DATE	6/22/72

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LEGEND
C  DOCUMENT
ON DOCUMENT CHANGE
  NOTICE
PA PAPER TAPE ASCII
PB PAPER TAPE BINARY
PM PAPER TAPE
  READ-IN-MODE

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NOTE: "PDP-8" MEANS ALL 8-FAMILY SYSTEMS AND
LINC-8.

NUMBER
FPP12-A-8

DISY