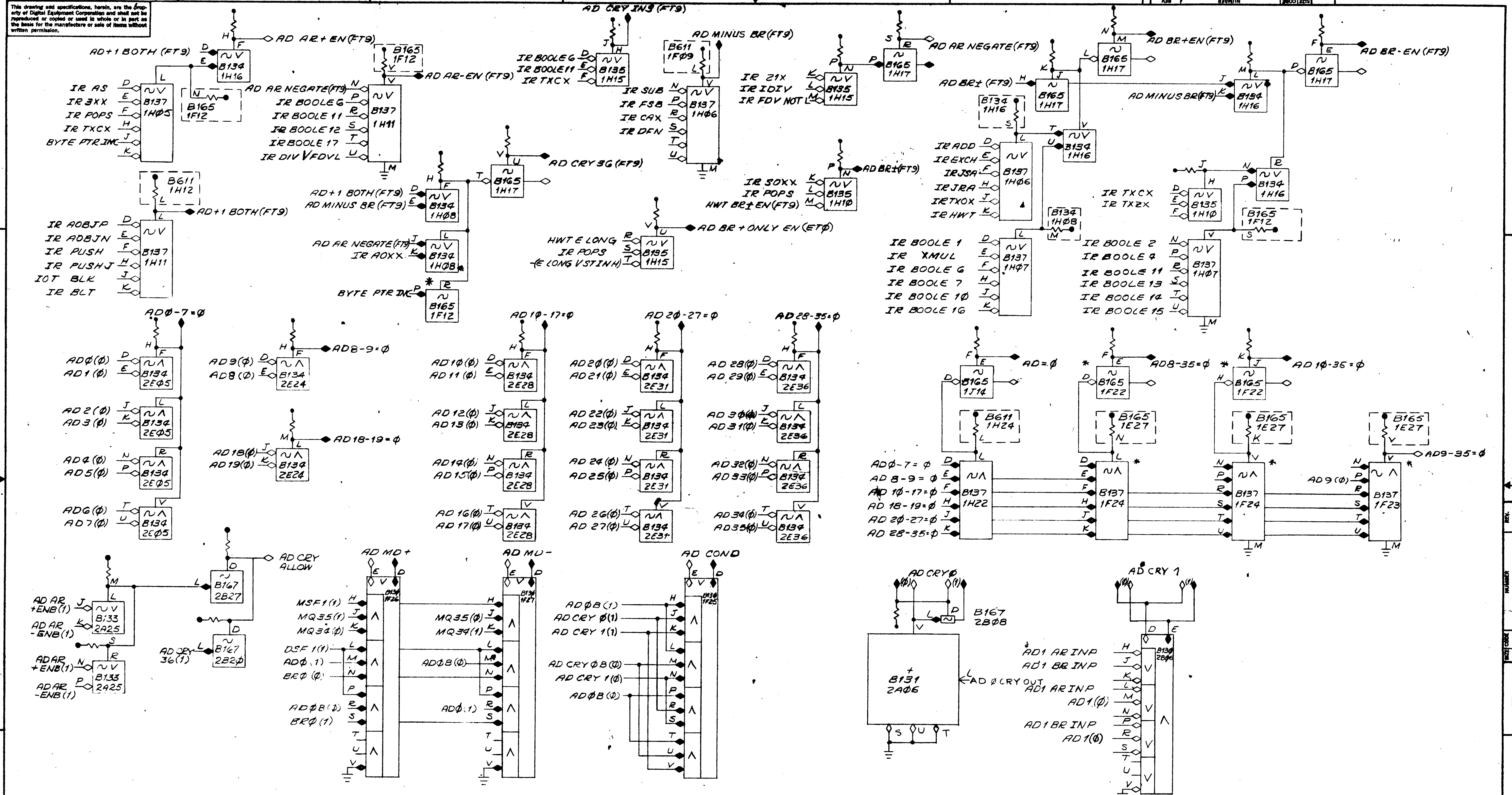


REV.	CHG.	NO.	DATE	BY
1	WIRE LISTED	2/23	1967	
2	REVISED	4/11/67		
3	REVISED	5/27/67		
4	REVISED	5/29/67		

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED		TITLE	
DIMENSION IN INCHES		ADDER CONTROL	
TOLERANCES		FLIP-FLOPS	
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL		FIRST USED ON	
FINISH		SCALE	
		SHEET OF	
		SIZE CODE	NUMBER
		D 85	AD1
		DIST.	REV. P10

* MODULES ARE OPTIONAL

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REV.	DATE	BY	CHKD.
1	1/27/64
2
3
4
5

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DRN. <i>alpha</i> DATE 3/23/64	
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES		CHKD. DATE	
TOLERANCES		ENG. DATE	
DECIMALS	FRACTIONS	ANGLES	PROJ. ENG. DATE
± .005	± 1/64	± 0°30'	PROD. DATE
FINAL SURFACE QUALITY		FIRST USED ON	
REMOVE BURRS AND BREAK SHARP CORNERS		SCALE	
MATERIAL		SHEET OF	
FINISH		DIST.	
TITLE		SIZE CODE	
digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		NUMBER	
		REV.	
ADDER CONTROL LEVELS		D BS- AD2	
		REV. PAB	

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NOTE:
THE 100Ω RESISTORS ARE TO BE WIRE WRAPPED TO THE PANELS AT THE TIME THE PANELS ARE BUSSED.

REV.	CHG.	NO.	DATE
1	1	1	1/26/66
2	1	1	1/26/66
3	1	1	1/26/66

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 DATE 9/28/66	PARTS LIST	
MATERIAL		CHKD DATE	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS	
FINISH		ENG. DATE	TITLE ADDER LEFT HALF	
SCALE		PROJ. ENG. DATE	SIZE CODE D BS	
SHEET OF		PROD. DATE	NUMBER AD3	
		FIRST USED ON	REV. 06	
			DIST.	

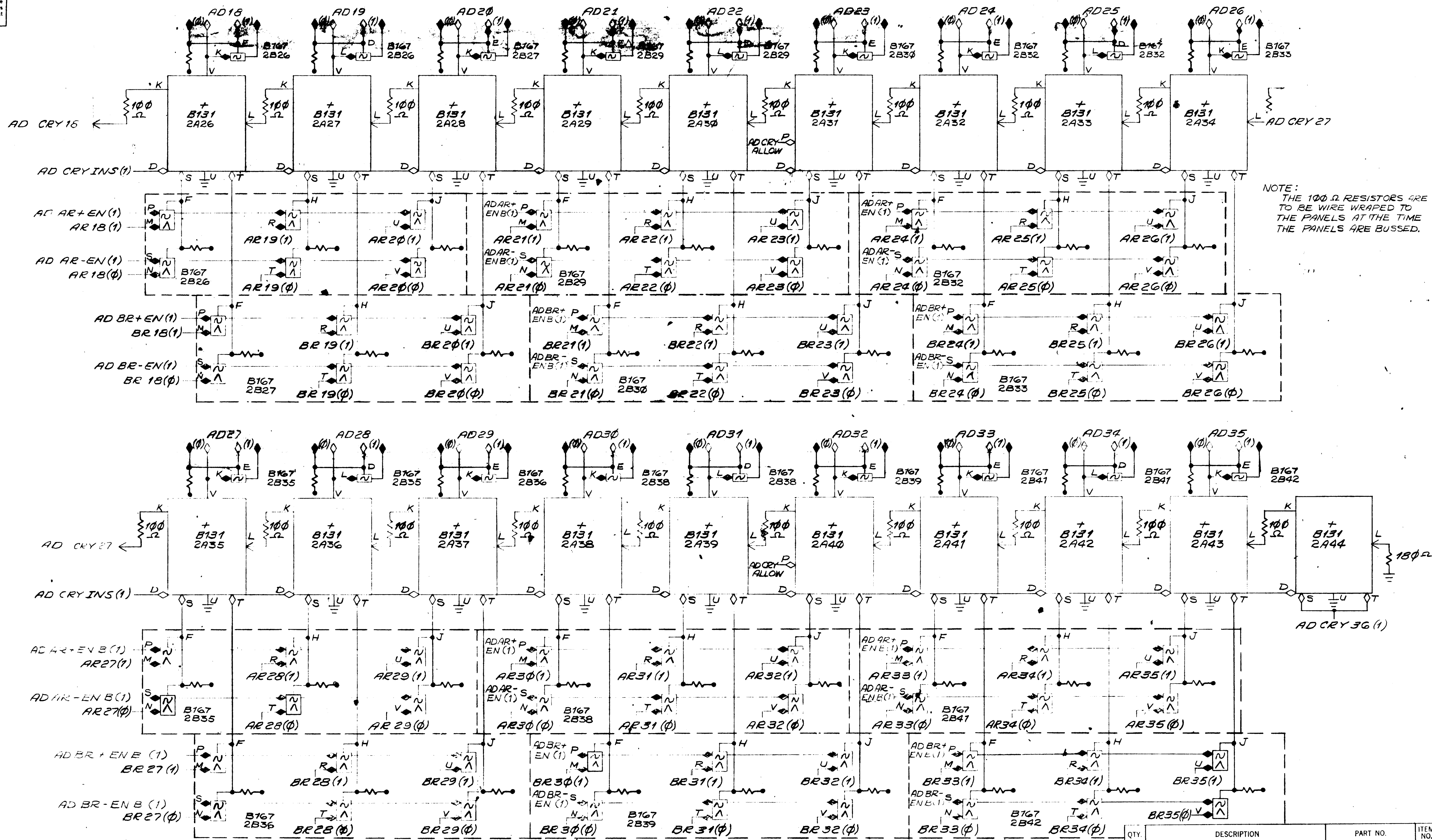
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D

C

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A



NOTE: THE 100 OHM RESISTORS ARE TO BE WIRE WRAPPED TO THE PANELS AT THE TIME THE PANELS ARE BUSSED.

REVISIONS	NO.	DATE	BY
CHK	CHANGE NO.	REV	
WIRE LIST	1774		
REVISED SKETCHES			

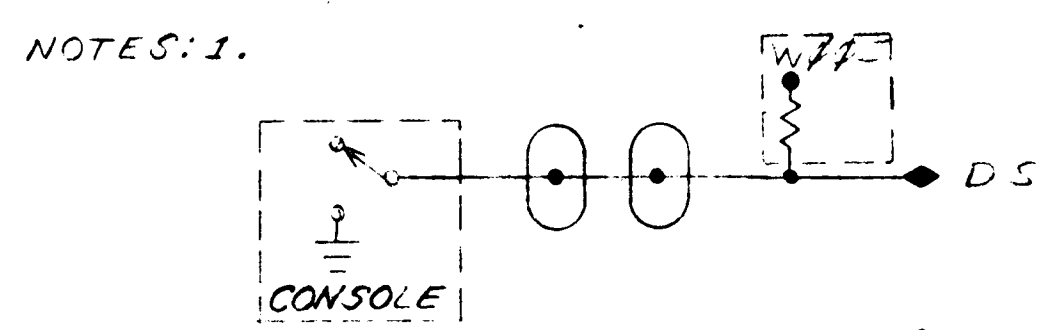
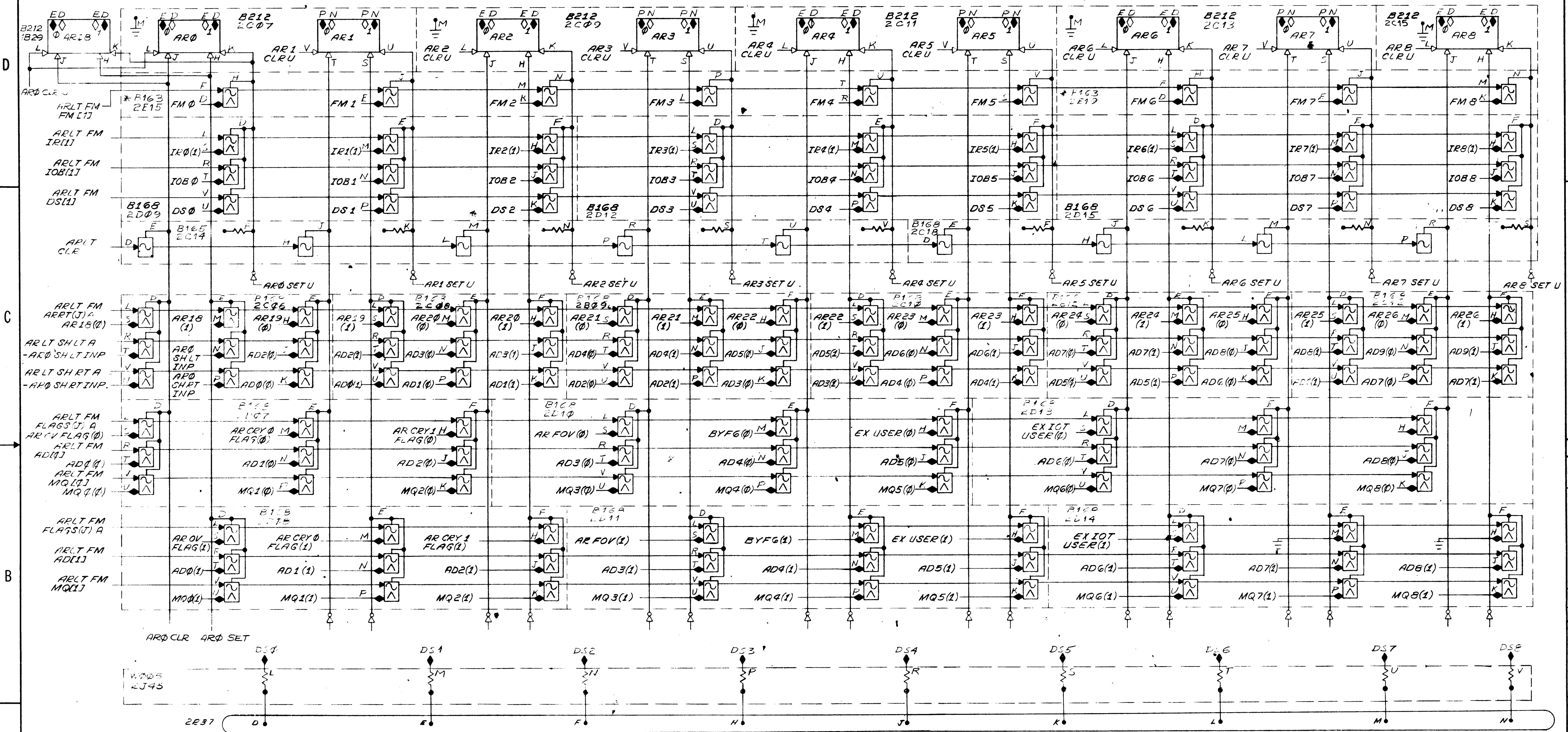
QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0.30	
FINAL SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL		FIRST USED ON	
FINISH		SCALE	
		SHEET OF	
		SIZE CODE	NUMBER
		D BS	ADA P45
		DIST.	REV.
			P45

DRN: *Agner* DATE: 9/28/64
 CHK: *Agner* DATE:
 ENG. DATE:
 PROJ. ENG. DATE:
 PROD. DATE:
 TITLE: **ADDER RIGHT HALF**

REV. NUMBER

SIZE CODE

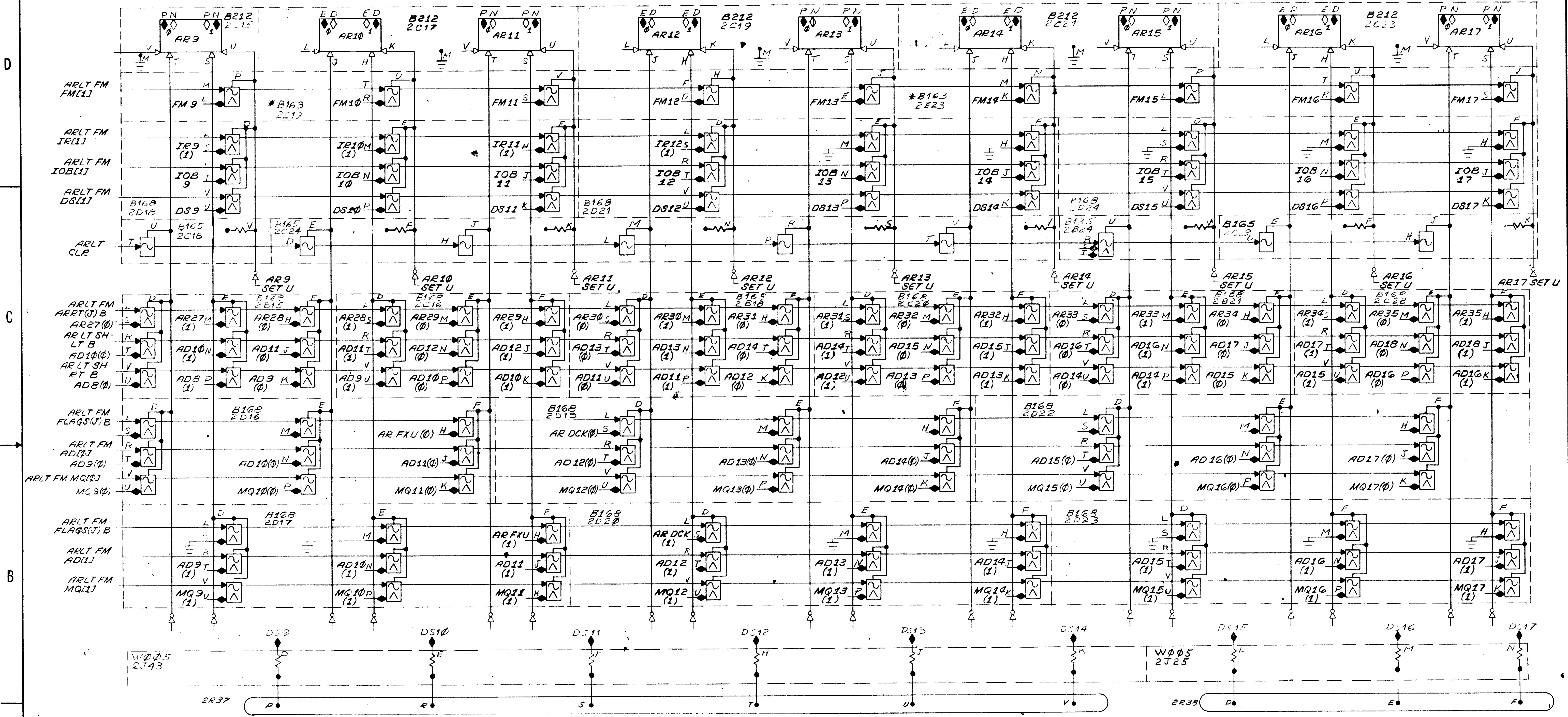
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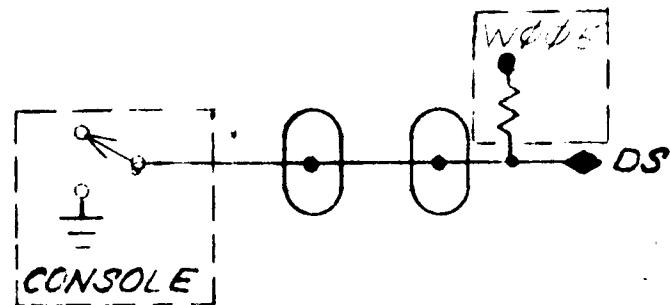
REVISIONS	NO.	DATE	BY
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2	1	11/1/66	WJ
3	1	11/1/66	WJ
4	1	11/1/66	WJ
5	1	11/1/66	WJ
6	1	11/1/66	WJ
7	1	11/1/66	WJ
8	1	11/1/66	WJ
9	1	11/1/66	WJ
10	1	11/1/66	WJ

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN	DATE 1 DEC 66	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
CHK	DATE		
ENG.	DATE	TITLE AR REGISTER	
PROJ. ENG.	DATE		
PROD.	DATE	SIZE CODE D BS	
FIRST USED ON			
MATERIAL		NUMBER AR1 P09	
FINISH			
SHEET 1	OF 1	REV. P09	

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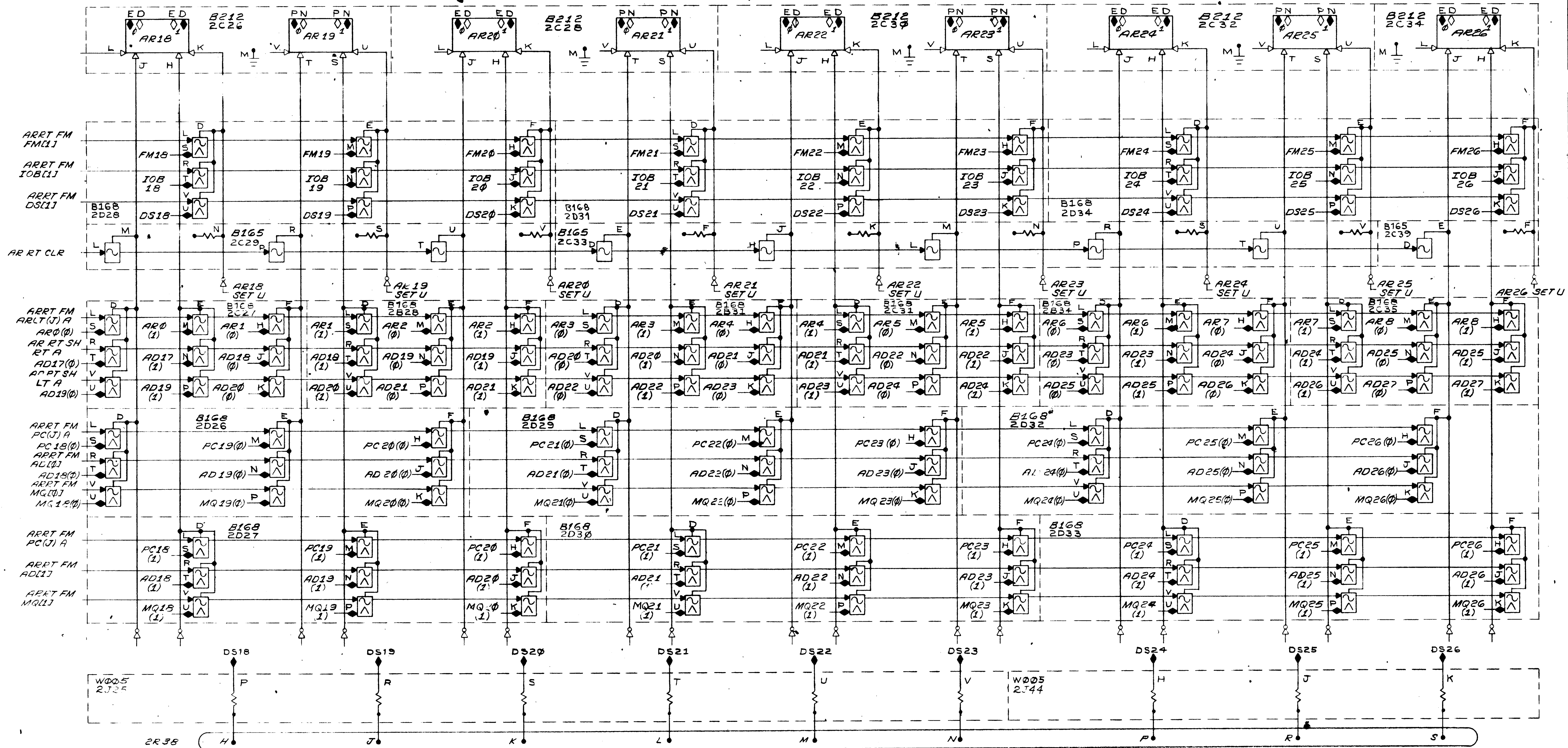
NOTES: 1. *MODULES ARE OPTIONAL.
2.



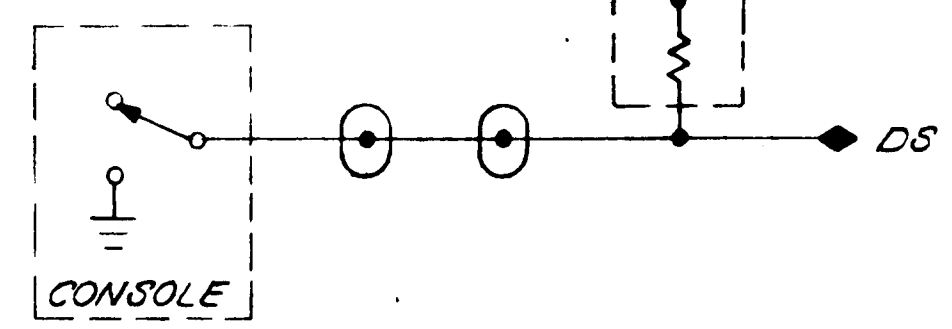
REV.	1
CHANGE NO.	1
CHK	WJL

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
TITLE AR REGISTER			
UNLESS OTHERWISE SPECIFIED: DIMENSION IN INCHES DECIMALS FRACTIONS ANGLES ± .005 ± 1/64 ± 0.30 FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS		DRN: <i>Opria</i> DATE: 2-2-66 CHK: DATE: ENG: DATE: PROJ. ENG. DATE: PROD. DATE: FIRST USED ON:	
MATERIAL:	FINISH:	SCALE:	SHEET OF:
SIZE CODE: D BS		NUMBER: AR 2	REV.: P09

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NOTES: 1.



REVISIONS	REV.	DATE
CHANGE NO.	1	1/22/64
CHK	L	FWG

QTY.	DESCRIPTION	PART NO.	ITEM NO.
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			
MATERIAL		FIRST USED ON	
FINISH		SCALE	
		SHEET OF	
DRN		DATE	
CMT		DATE	
ENG.		DATE	
PROJ. ENG.		DATE	
PROD.		DATE	
TITLE		SIZE CODE	
AR REGISTER		NUMBER	
		REV.	
D B S		AR3 P09	
DIST.			

NUMBER

REV.

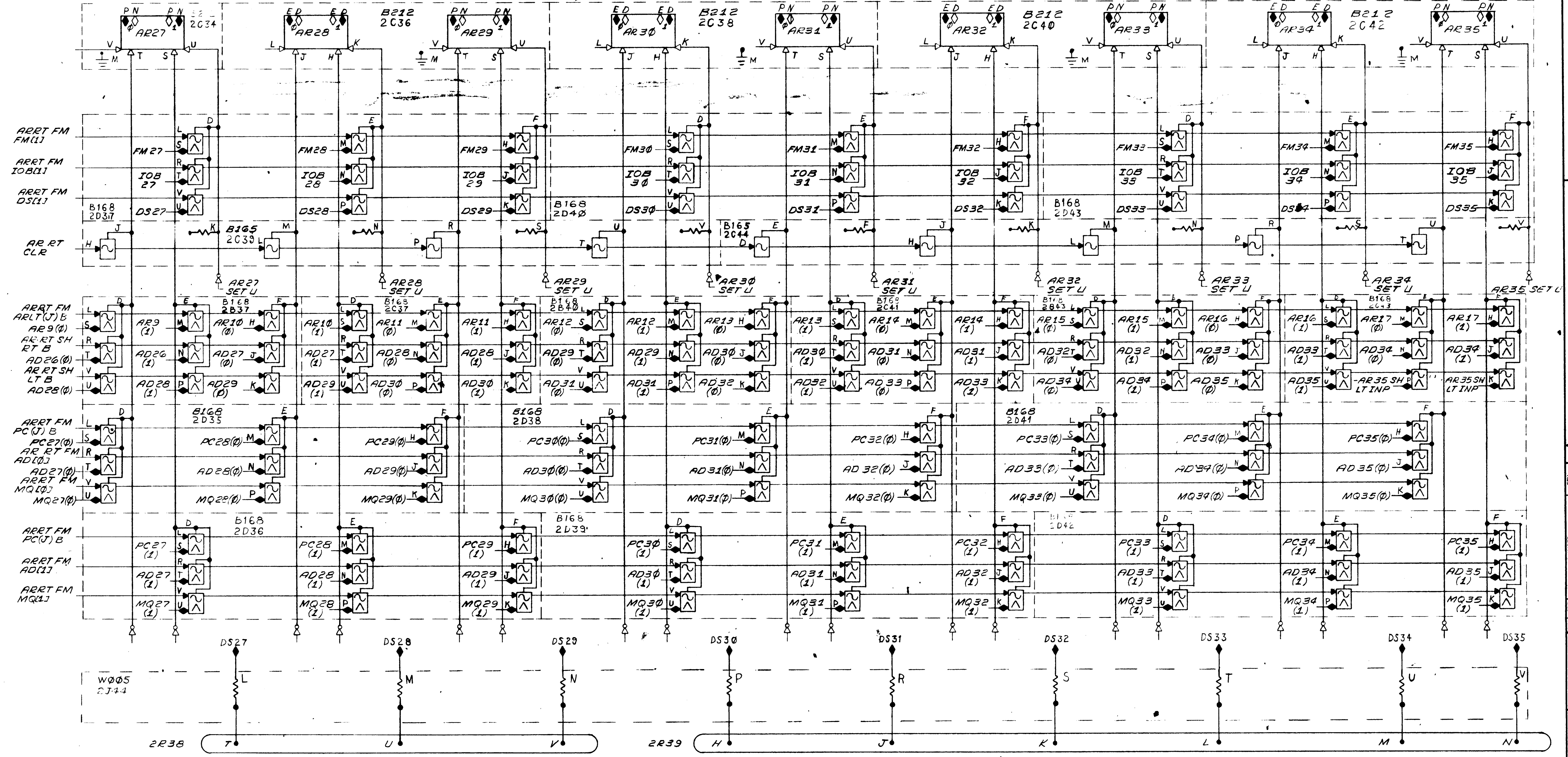
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D

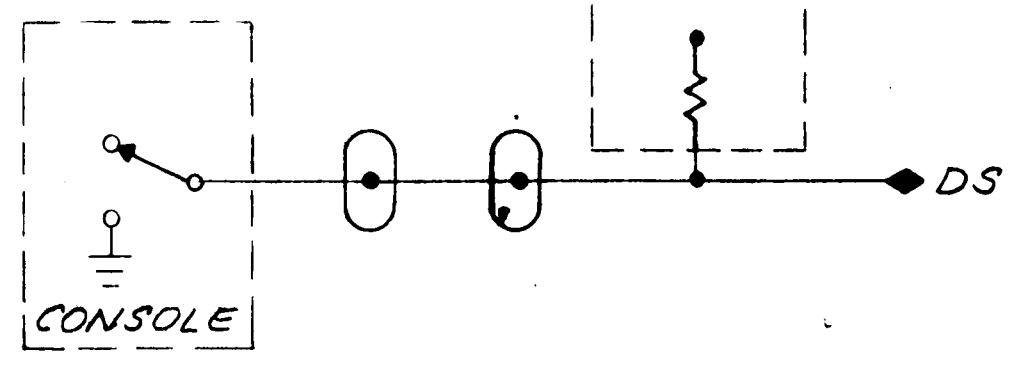
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NOTES: 1.



REVISIONS	CHK	CHANGE NO.	REV.

QTY.		DESCRIPTION		PART NO.		ITEM NO.	
PARTS LIST							
UNLESS OTHERWISE SPECIFIED				DRN. <i>Agona</i>			
UNLESS OTHERWISE SPECIFIED				DATE 12-6-66			
DIMENSION IN INCHES				CHK'D.			
TOLERANCES				DATE			
DECIMALS FRACTIONS ANGLES				PROJ. ENG.			
±.005 ±.005 ±0°30'				DATE			
FINAL SURFACE QUALITY				PROD.			
REMOVE BURRS AND BREAK SHARP CORNERS				DATE			
MATERIAL				FIRST USED ON			
FINISH				SCALE			
SHEET				OF			
SIZE CODE		NUMBER		REV.		ITEM NO.	
D B5		AR4		P09			

digital EQUIPMENT CORPORATION

AR REGISTER

REV. NUMBER SIZE CODE

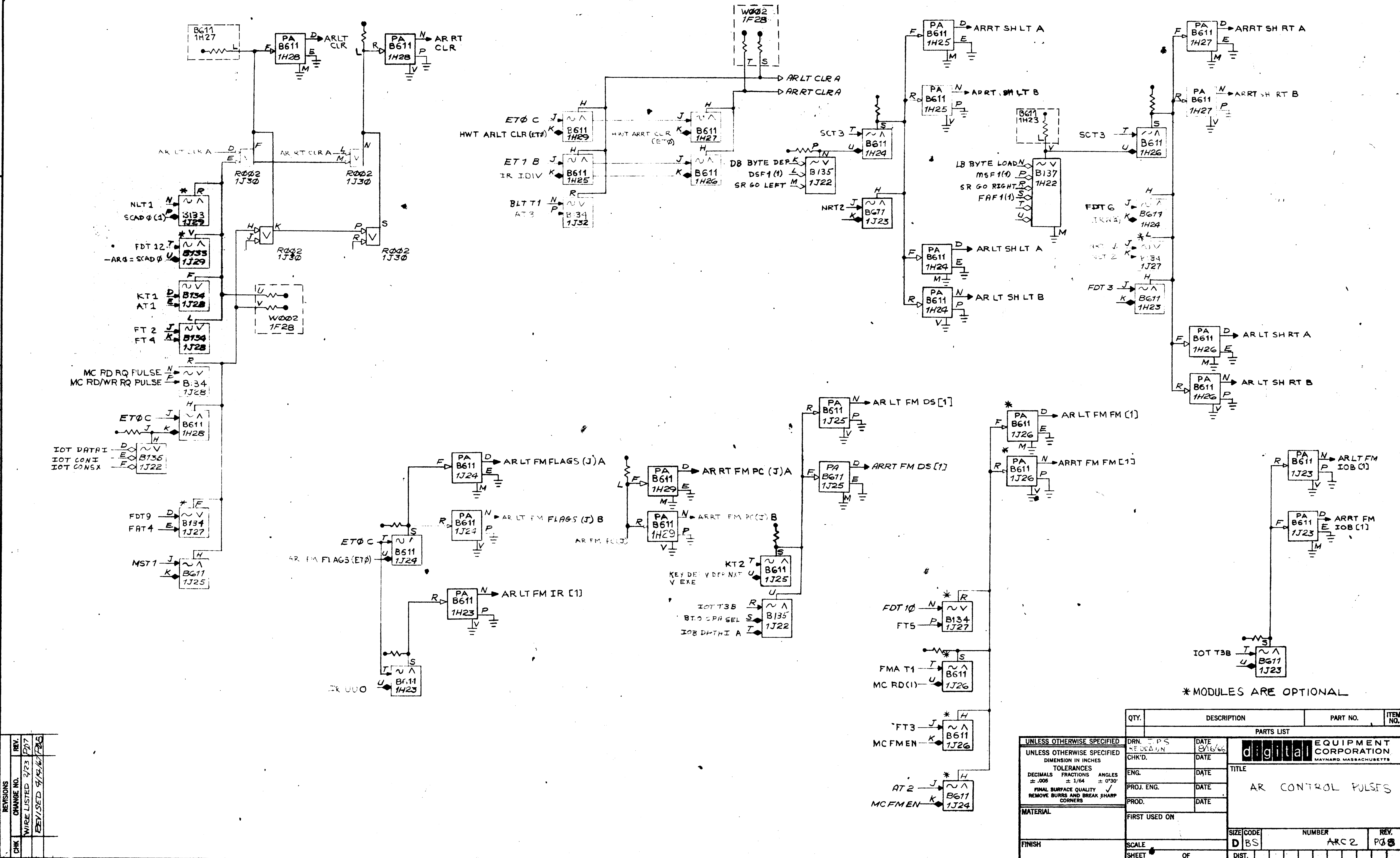
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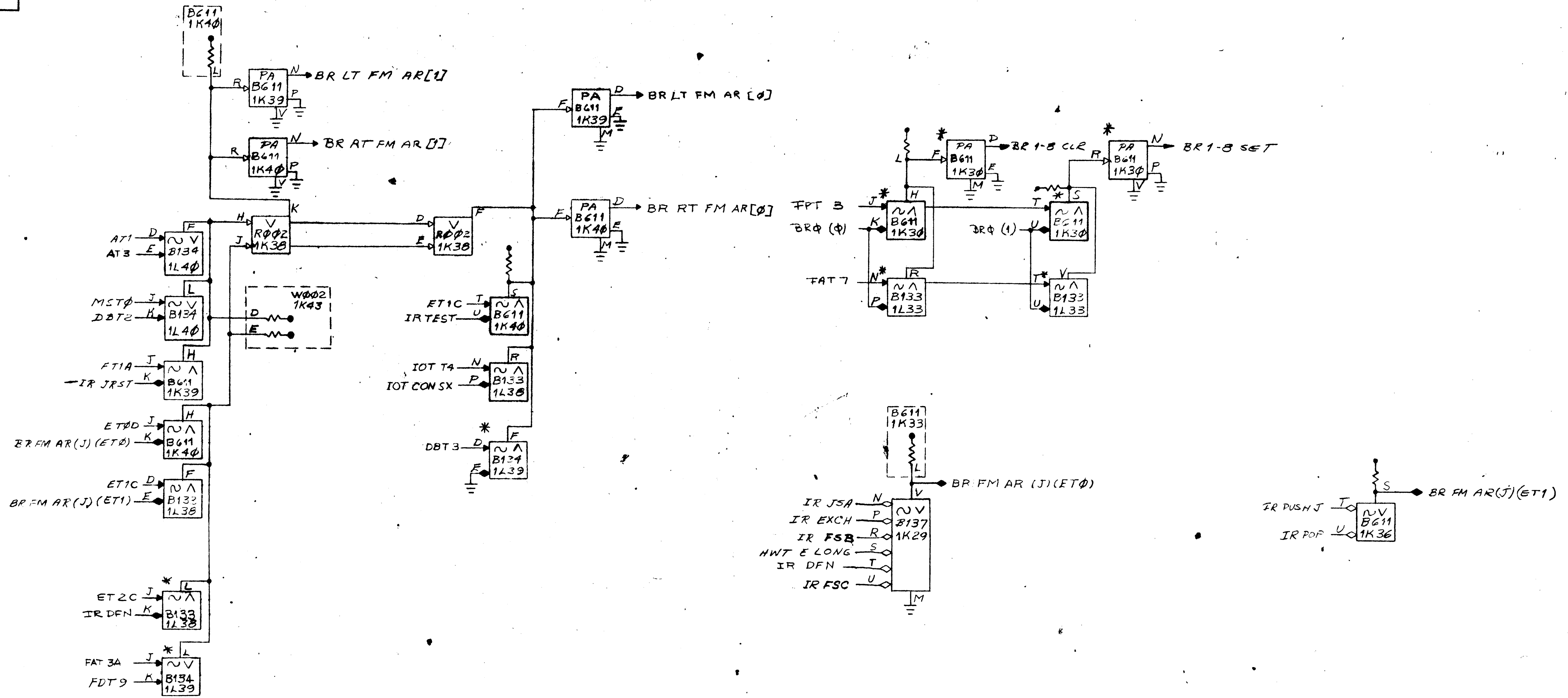
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REV.	DATE	BY	CHK
1	1/23/67
2	2/23/67
3	4/14/67

QTY.	DESCRIPTION	PART NO.	ITEM NO.
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			
MATERIAL			
FINISH			
DRN. DATE 8/18/66			
CHK'D. DATE			
ENG. DATE			
PROJ. ENG. DATE			
PROD. DATE			
FIRST USED ON			
TITLE			
AR CONTROL PULSES			
SCALE		NUMBER	REV.
SHEET OF		ARC 2	PC 8
DIST.			

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* MODULES ARE OPTIONAL

REV.	CHANGE NO.	DATE
1	107	1/22/65
2	107	1/22/65
3	107	1/22/65

DO NOT SCALE DRAWING		DRN. GZ	DATE 1/22/65
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES		CHK'D.	DATE
TOLERANCES		ENG.	DATE
DECIMALS ± .005	FRACTIONS ± 1/64	PROJ. ENG.	DATE
ANGLES ± 0°30'		PROD.	DATE
FINAL SURFACE QUALITY		FIRST USED ON	
REMOVE BURRS AND BREAK SHARP CORNERS		SCALE	
MATERIAL		SHEET OF	
FINISH		CODE BS	SIZE D
		NUMBER BR1	REV 108

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

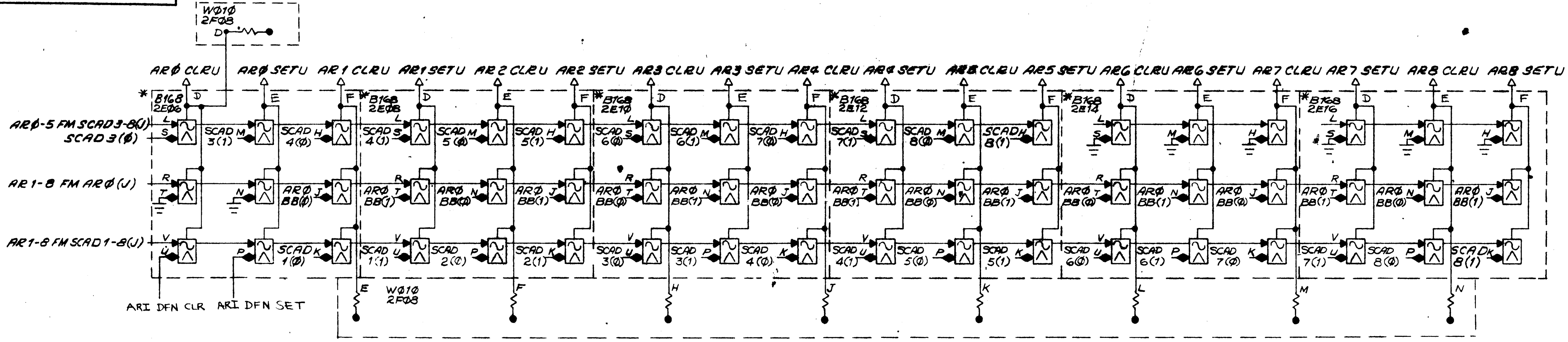
TITLE
BR CONTROL

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			

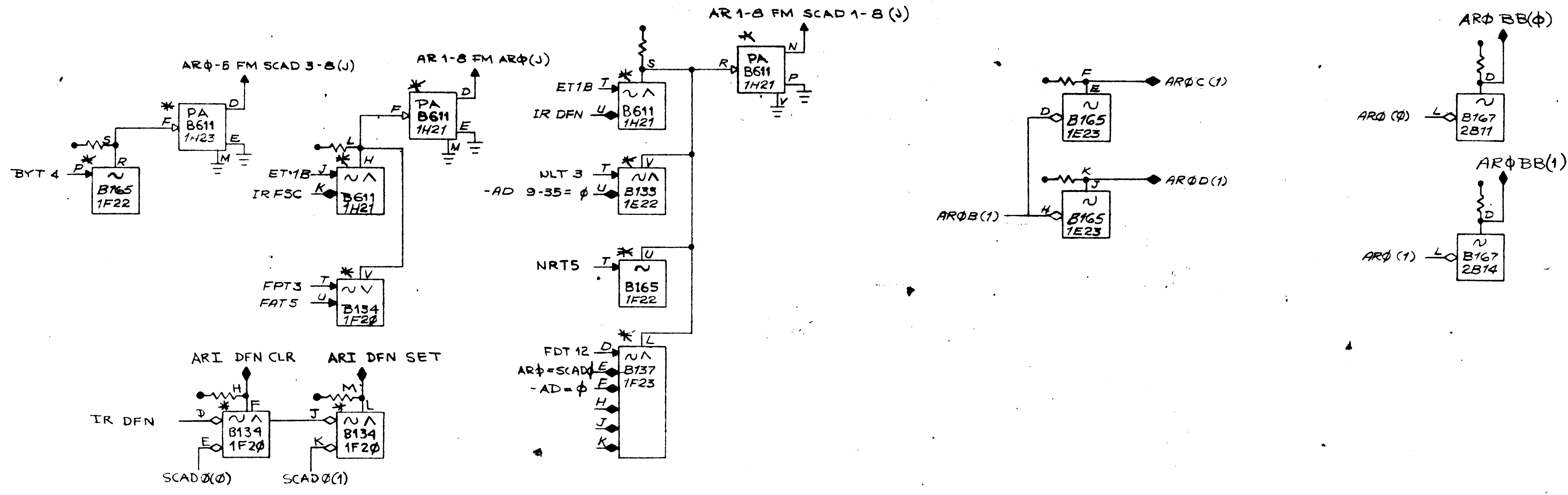
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REV.	NUMBER	SIZE	CODE	2	1
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D



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*MODULES ARE OPTIONAL

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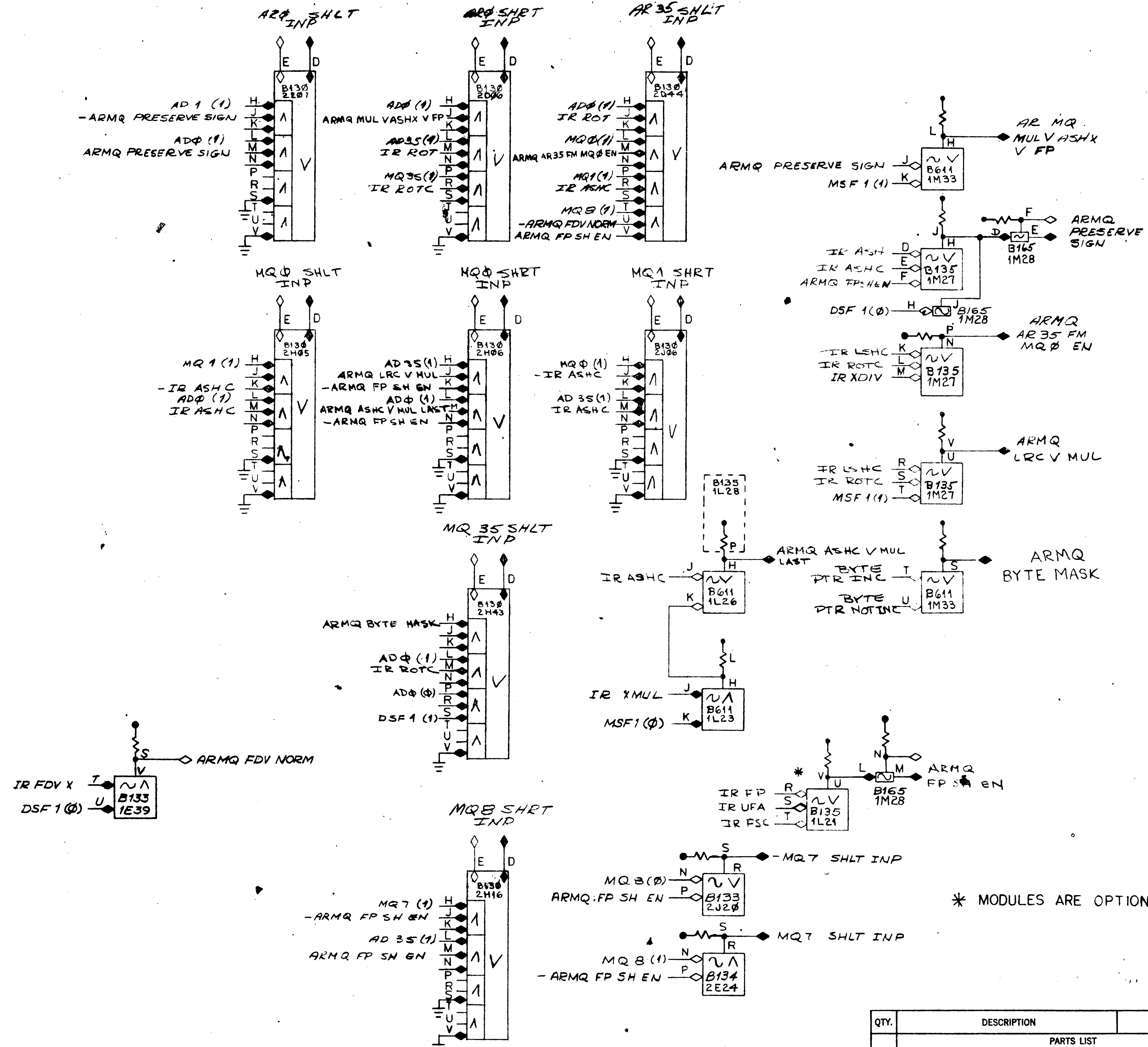
REVISIONS	REV.
CHANGE NO.	2/23
DATE LISTED	2/23
CHK	WJ

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DRN. DATE 9/8/66	
UNLESS OTHERWISE SPECIFIED		CHKD. DATE	
DIMENSION IN INCHES		ENG. DATE	
TOLERANCES		PROJ. ENG. DATE	
DECIMALS FRACTIONS ANGLES		PROD. DATE	
± .005 ± 1/64 ± 0°30'		FIRST USED ON	
FINAL SURFACE QUALITY		SCALE	
REMOVE BURRS AND BREAK SHARP CORNERS		SHEET OF	
MATERIAL		SIZE CODE NUMBER REV.	
FINISH		D B S ARI P07	
DIST.			

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE
AR INPUTS

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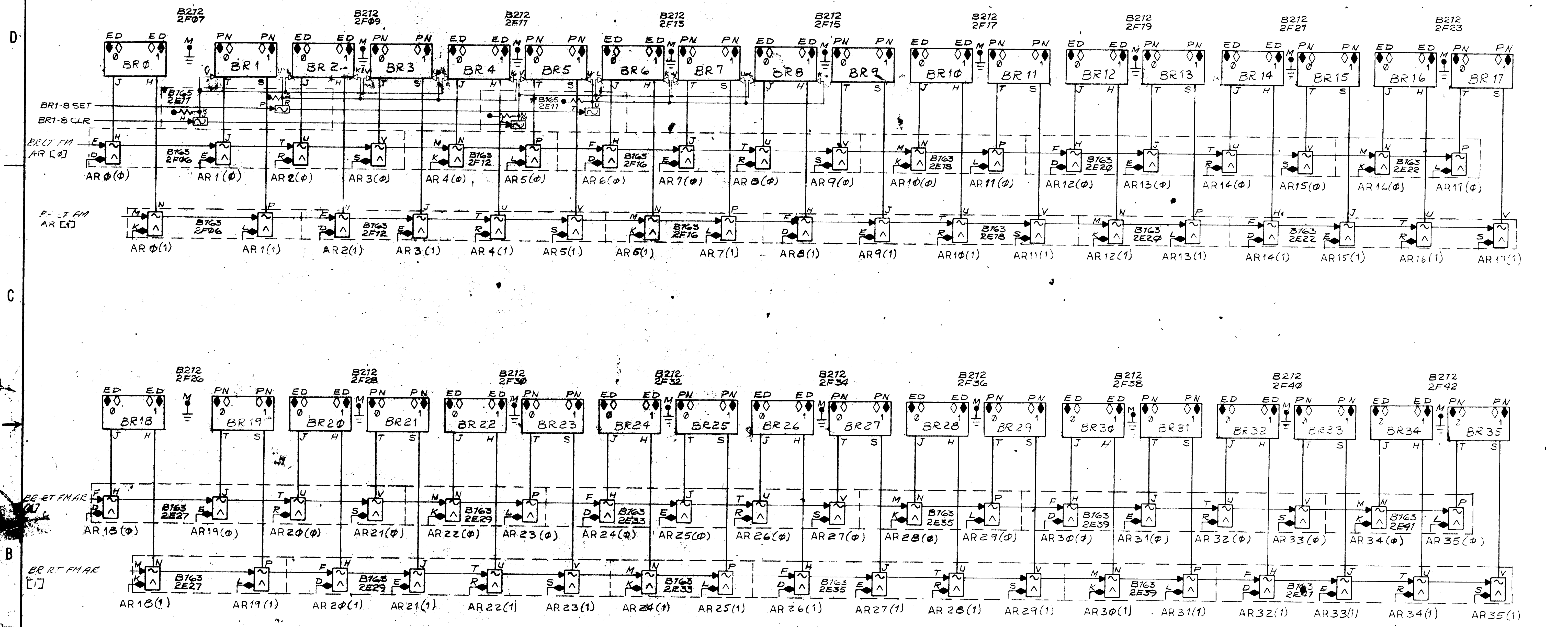
REV.	DATE	BY	CHK
1	1/23	FDG	
2	3/16	FDG	
3	3/16	FDG	

QTY.	DESCRIPTION	PART NO.	ITEM NO.
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			
MATERIAL		FIRST USED ON	
FINISH		SCALE	
SHEET		OF	
SIZE CODE		NUMBER	REV.
D ES		ARMQ	P 03
DIST.			

digital CORPORATION
MAYNARD, MASSACHUSETTS

TITLE
AR & MQ SHIFT CONNECTIONS

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REV	CHG	NO	DATE
1	1	1	1/3/66
2	1	1	1/3/66

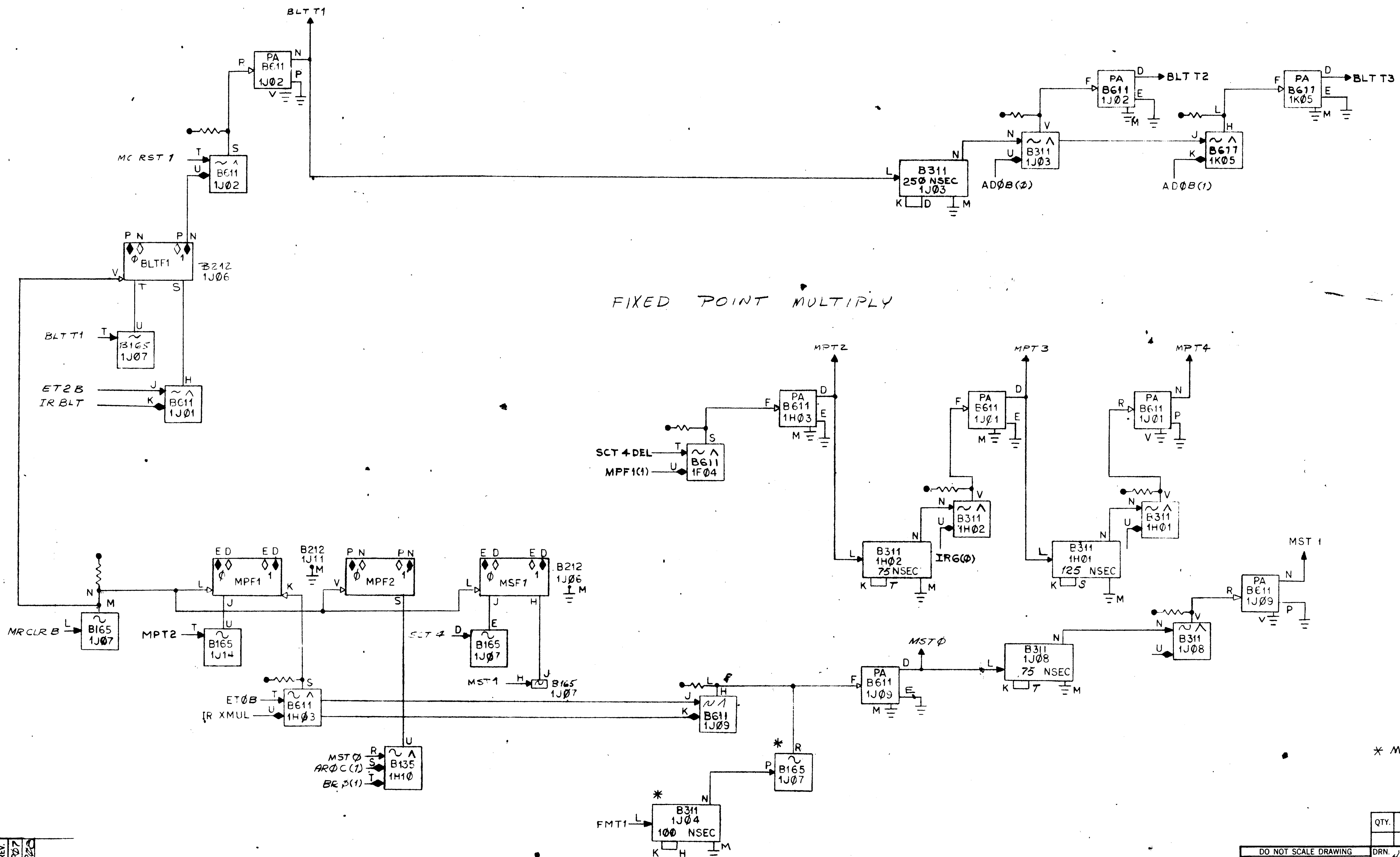
DO NOT SCALE DRAWING	DRN	DATE	digital EQUIPMENT CORPORATION 100 BRIDGE STREET BOSTON, MASSACHUSETTS
UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES	CHK'D	DATE	
TOLERANCES	ENG	DATE	
DECIMALS FRACTIONS ANGLES	PROJ ENG	DATE	
0.005 0.010 0.030 0.0625	PROD	DATE	
REMOVE BURRS AND BREAK SHARP CORNERS	FIRST USED ON		
MATERIAL			
FINISH	SCALE		

QTY	DESCRIPTION	PART NO	ITEM NO
	PARTS LIST		
	TITLE		
	BR REGISTER		
	CODE	SIZE	NUMBER
	B3	2	168-0-282

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BLOCK TRANSFER

FIXED POINT MULTIPLY



* MODULES ARE OPTIONAL

REV.	CHANGE NO.	DATE
1	1	11/22/65
2	2	11/22/65
3	3	11/22/65

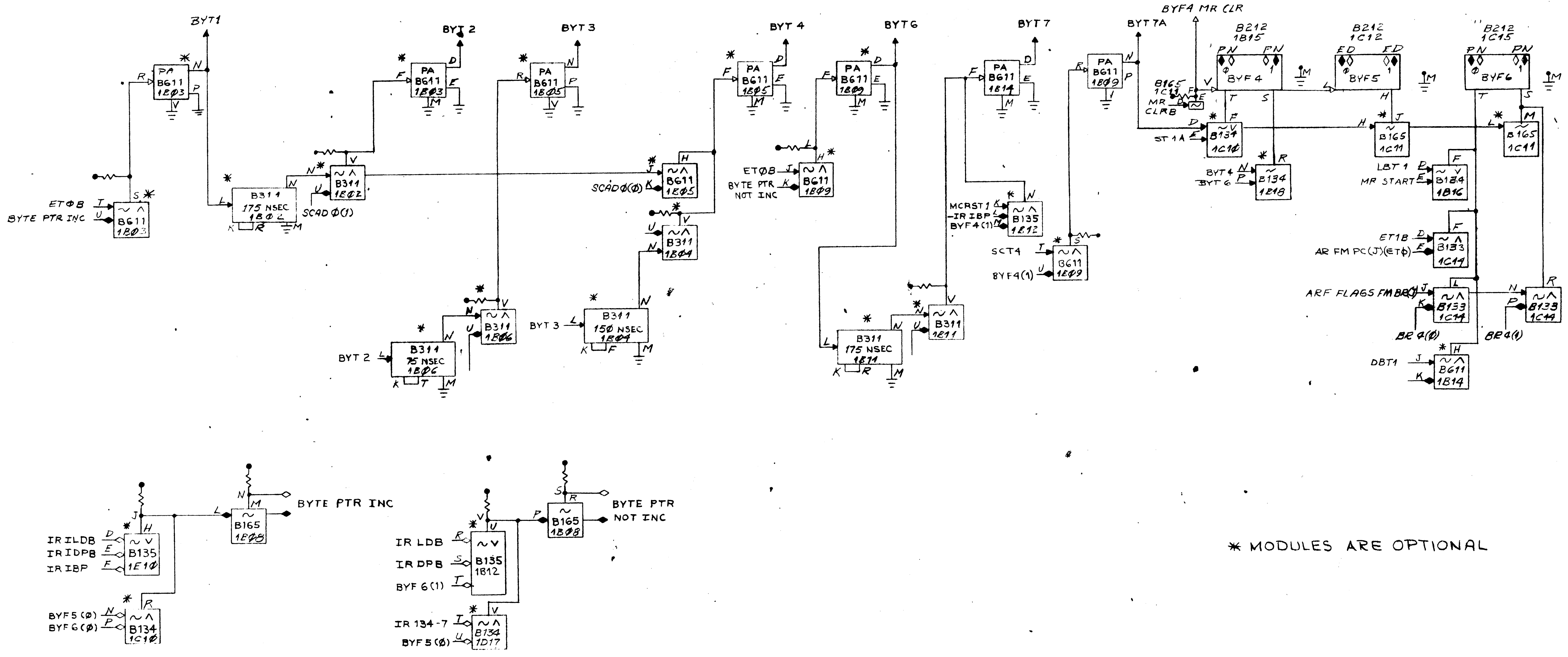
QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DO NOT SCALE DRAWING		DRN. <i>AAJ</i>	DATE 11-22-65
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES		CHK'D.	DATE
TOLERANCES		ENG.	DATE
DECIMALS ± .005	FRACTIONS ± 1/64	PROJ. ENG.	DATE
ANGLES ± 0°30'		PROD.	DATE
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS		FIRST USED ON	
MATERIAL		SCALE	CODE
FINISH		SHEET OF	SIZE
			NUMBER
			REV. P08

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE
BLOCK TRANSFER, AND MULTIPLY

CODE **BS** SIZE **D-168-G-BTMP** NUMBER **P08** REV. **P08**

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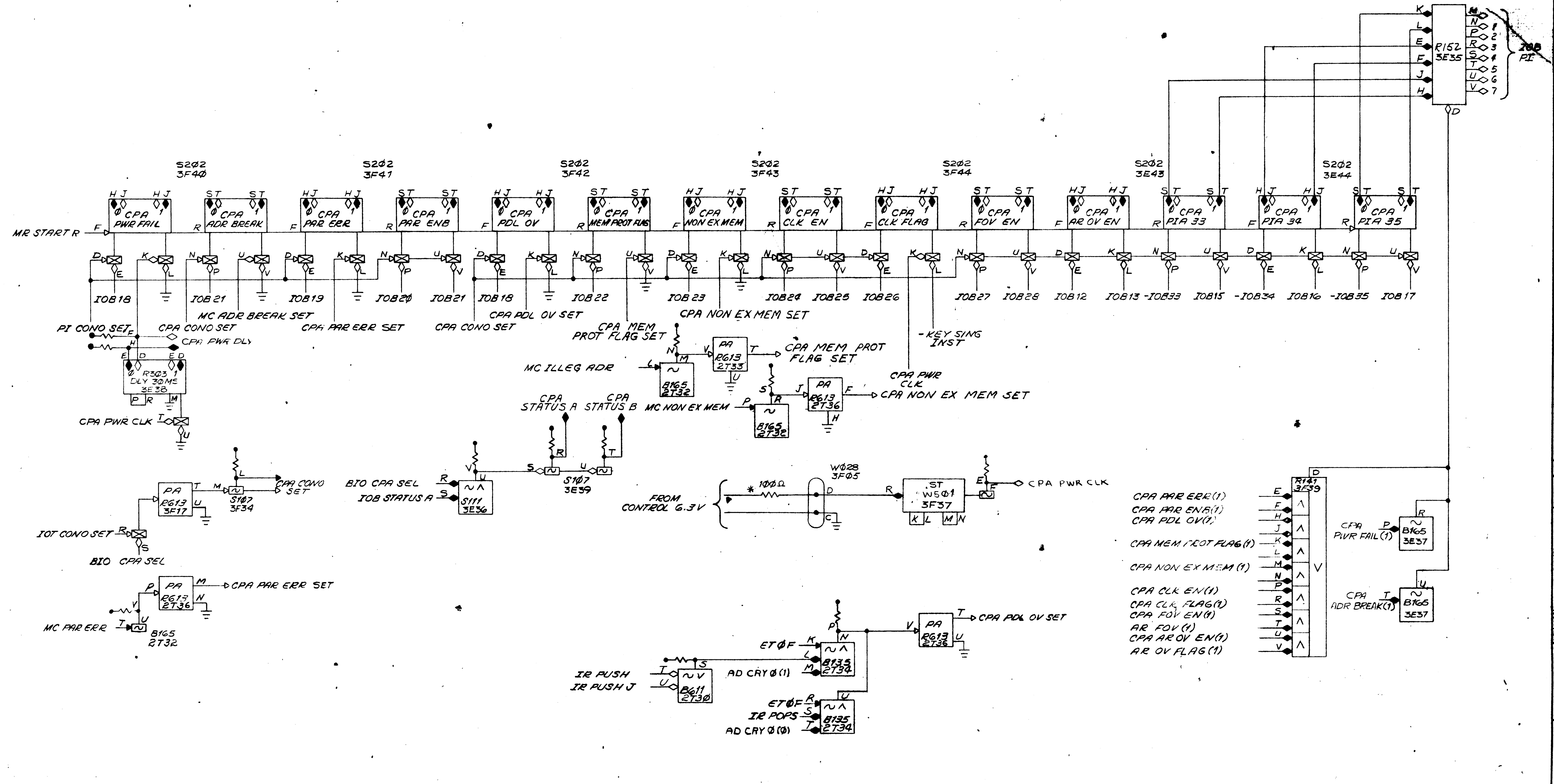
* MODULES ARE OPTIONAL

REV.	DATE	BY
1	11/22/67	RS
2	1/23/68	RS
3	4/11/67	RS

DO NOT SCALE DRAWING	DRN.	DATE	11-22-67
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	CHK'D.	DATE	
TOLERANCES	ENG.	DATE	
DECIMALS ±.005 FRACTIONS ± 1/64 ANGLES ± 0°30'	PROJ. ENG.	DATE	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	PROD.	DATE	
MATERIAL	FIRST USED ON	CODE	SIZE
FINISH	SCALE	NUMBER	REV.
	SHEET OF	ES D-168-0-BYTE	RS

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
TITLE
BYTE INSTRUCTION
FIRST PART

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- CPA PAR ERR (1)
- CPA PAR ENB (1)
- CPA PDL OV (1)
- CPA MEM PROT FLAG (1)
- CPA NON EX MEM (1)
- CPA CLK EN (1)
- CPA CLK FLAG (1)
- CPA FOV EN (1)
- AR FOV (1)
- CPA AROV EN (1)
- AR OV FLAG (1)
- CPA PWR FAIL (1)
- CPA ADR BREAK (1)

** NOTE:
100Ω 1/4 WATT RESISTOR MOUNTED ON W028 MODULE

REV.	CHANGE NO.	DATE
1	WIRE LISTED 2/23/68	2/23/68
2	REVISED 3/16/67	3/16/67
3	REVISED 3/23/67	3/23/67

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DRN. DATE 1/19/66	
UNLESS OTHERWISE SPECIFIED		DATE	
DIMENSION IN INCHES		DATE	
TOLERANCES		DATE	
DECIMALS	FRACTIONS	ANGLES	DATE
± .005	± 1/64	± 0°30'	DATE
FINAL SURFACE QUALITY		DATE	
REMOVE BURRS AND BREAK SHARP CORNERS		DATE	
MATERIAL		FIRST USED ON	
FINISH		SCALE	
SHEET OF		DST.	

digital

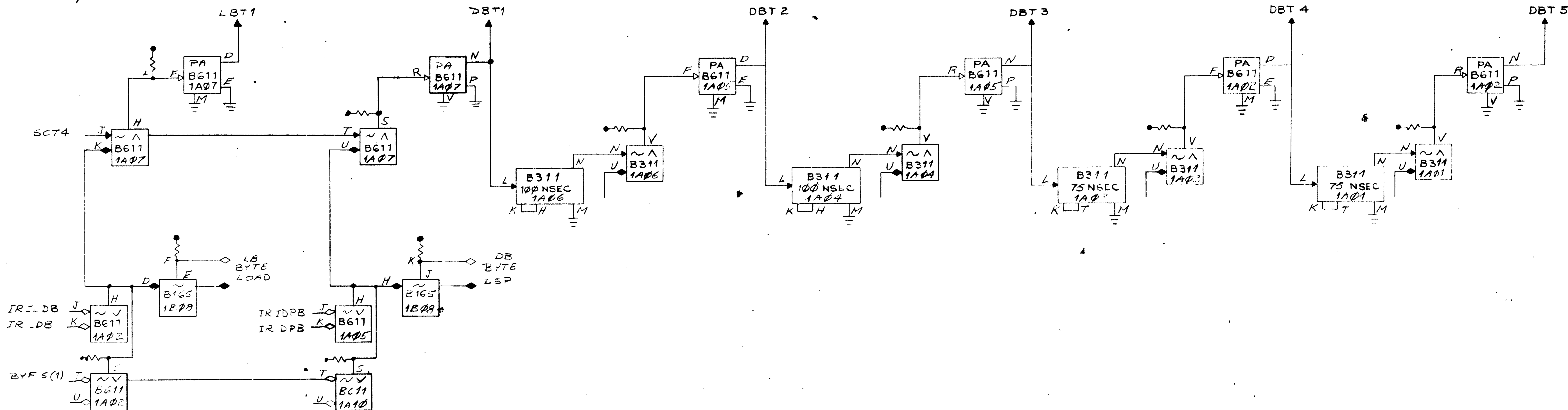
EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

ARITHMETIC PROCESSOR
STATUS REGISTER

SIZE CODE
D 25

NUMBER
CPA P10

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REV.	CHG.	NO.	DATE
1	1	1	11-22-65
2	1	1	11-22-65
3	1	1	11-22-65

DO NOT SCALE DRAWING	DRN. 11-22-65	DATE 11-22-65	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS TITLE BYTE INSTRUCTION SECOND PART, DEPOSIT AND LOAD
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	CHK'D.	DATE	
TOLERANCES DECIMALS FRACTIONS ANGLES ± .005 ± 1/64 ± 0°30'	ENG.	DATE	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	PROJ. ENG.	DATE	
MATERIAL	PROD.	DATE	FIRST USED ON
FINISH	SCALE	SHEET OF	CODE SIZE NUMBER REV. PS D DBLB P08

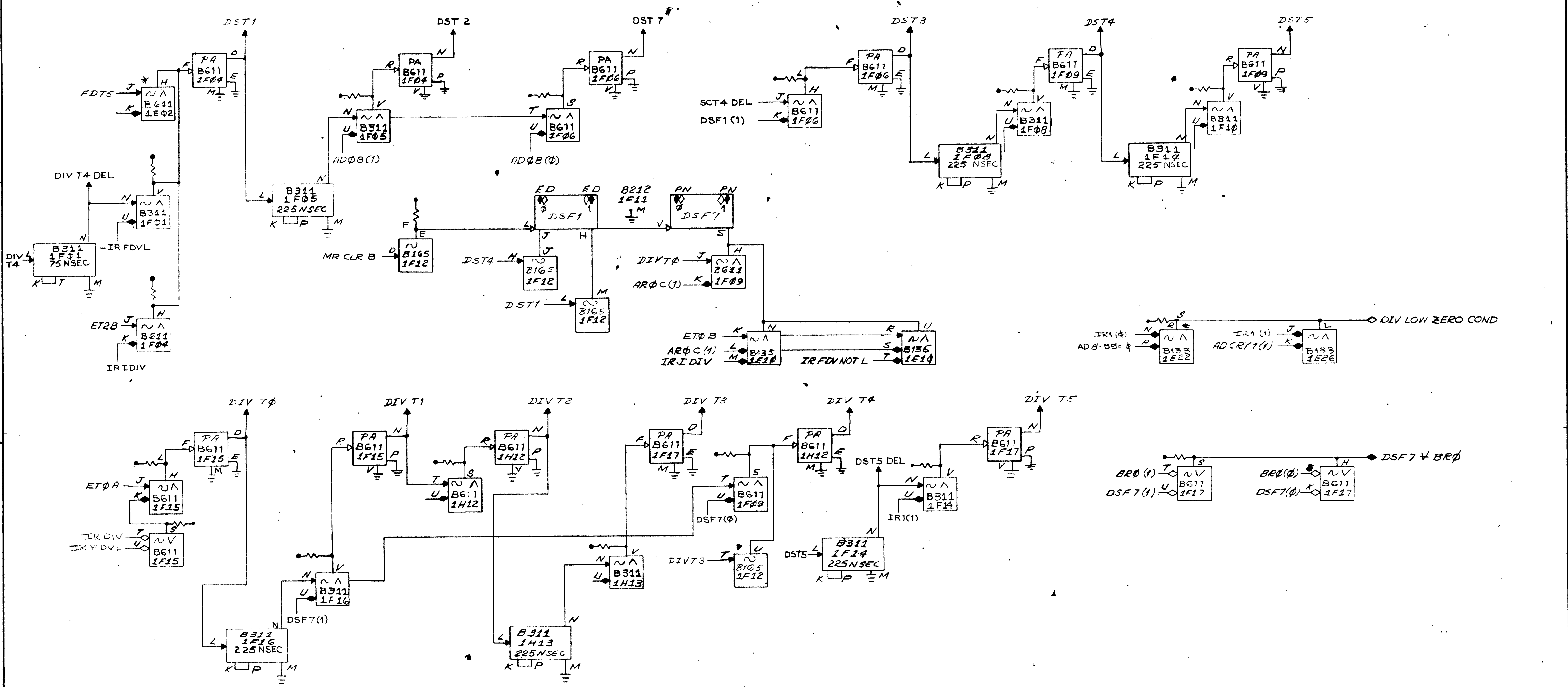
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* MODULES ARE OPTIONAL

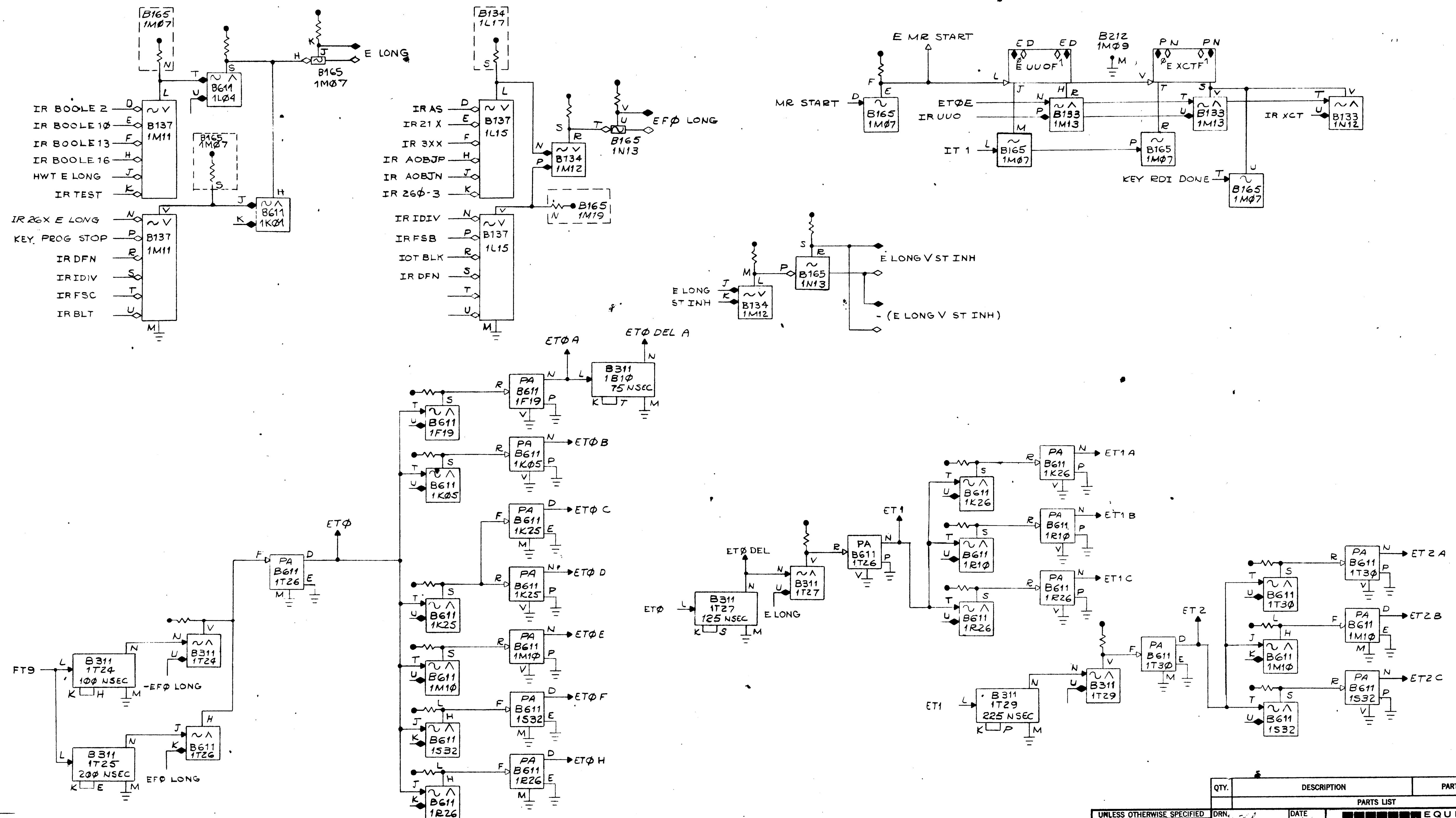
REV.	CHANGE NO.	DATE	BY	CHK'D.
1				
2				
3				

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN.	GB	DATE	11/23/65
CHK'D.		DATE	
ENG.		DATE	
PROJ. ENG.		DATE	
PROD.		DATE	
FIRST USED ON			
SCALE	BS D	NUMBER	DSDV
SHEET	OF	DIST.	

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

digital EQUIPMENT CORPORATION
 MAYNARD, MASSACHUSETTS
 TITLE
 DIVIDE SUBROUTINE
 AND
 FIXED DIVIDE
 CODE
 BS D
 NUMBER
 DSDV
 REV.
 P08

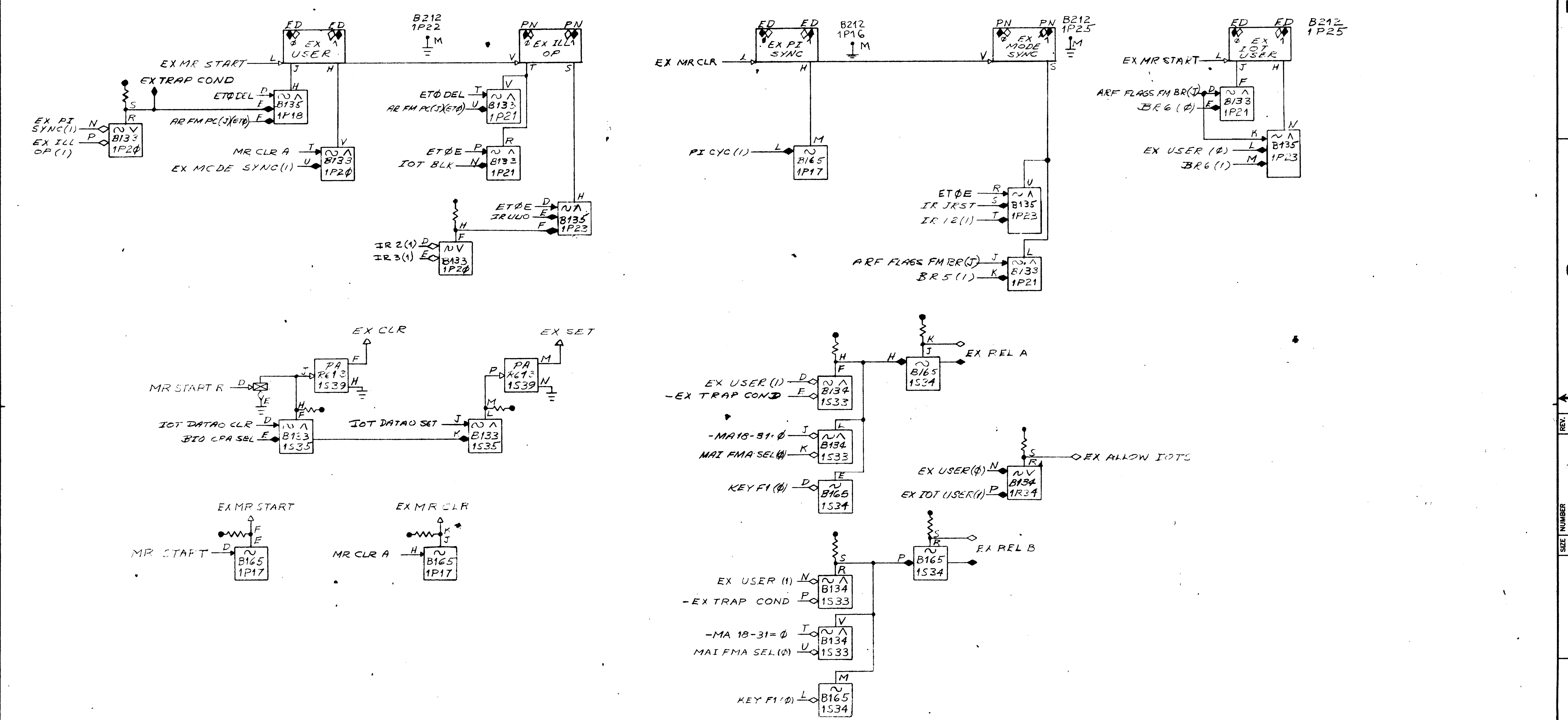
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REV.	CHG.	NO.	DATE
1	REVISED	9/16/67	POB
2	WIRE LISTED	2/13	POB

UNLESS OTHERWISE SPECIFIED		DRN	DATE	PARTS LIST	ITEM NO.
UNLESS OTHERWISE SPECIFIED		1/18/66	11/8/66		
DIMENSION IN INCHES		CHK'D	DATE		
TOLERANCES		ENG.	DATE	TITLE	
DECIMALS FRACTIONS ANGLES		PROJ. ENG.	DATE	EXECUTION CYCLE	
± .005 ± 1/64 ± 0°30'		PROD.	DATE	FIRST USED ON	
FINAL SURFACE QUALITY		MATERIAL			
REMOVE BURRS AND BREAK SHARP CORNERS		FINISH			
SIZE CODE		NUMBER		REV.	
D BS		D-168-O-E		POB	
SCALE		SHEET		OF	

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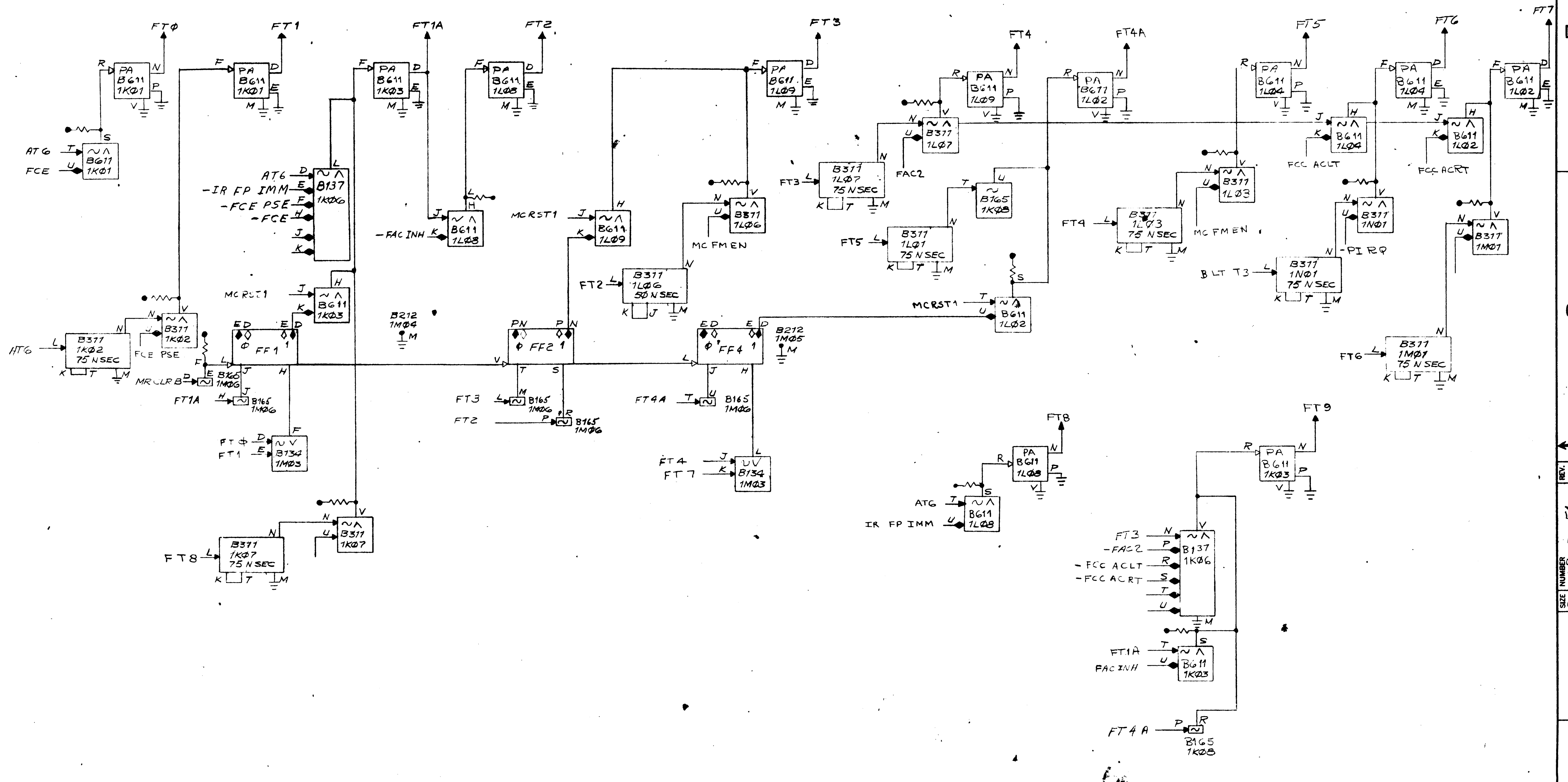
REV.	CHANGE NO.	DATE
1	1	12/29/67
2	2	1/23/68
3	3	5/21/67

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN	DATE	12/29/67	
CHK'D.	DATE		
ENG.	DATE		
PROJ. ENG.	DATE		
PROD.	DATE		
FIRST USED ON			
SCALE			
SHEET OF			
CODE		SIZE	NUMBER
BS		D	EX
REV.		F07	

digital CORPORATION
MAYNARD, MASSACHUSETTS

TITLE
EXECUTIVE CONTROL

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REV.	NO.	DATE	BY
1	1	11-15-65	...
2	1
3	1

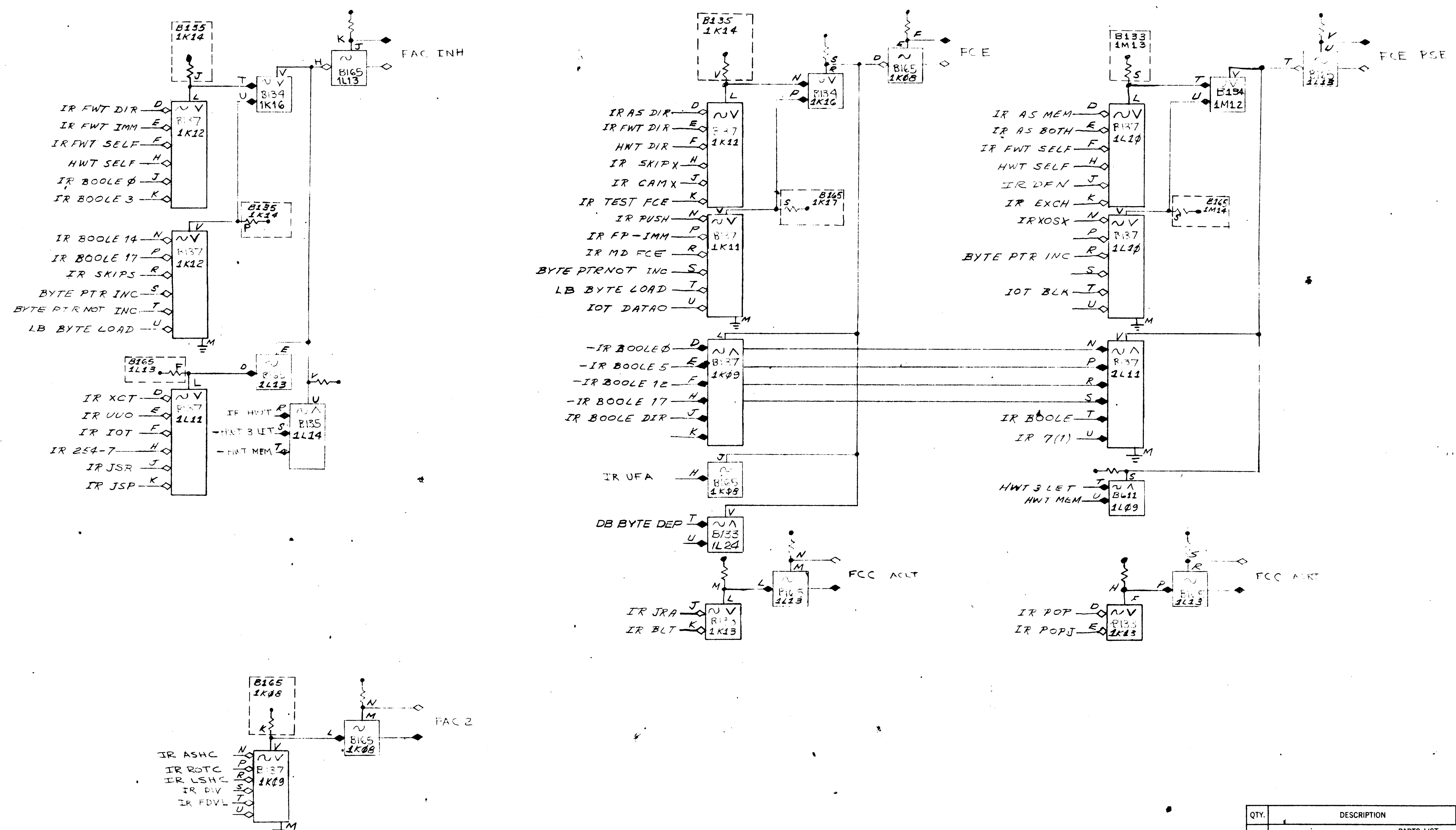
QTY.	DESCRIPTION	PART NO.	ITEM NO.																								
PARTS LIST																											
<table border="1"> <tr> <td>DO NOT SCALE DRAWING</td> <td>DRN. DATE</td> <td>11-15-65</td> </tr> <tr> <td>UNLESS OTHERWISE SPECIFIED</td> <td>CHK'D. DATE</td> <td></td> </tr> <tr> <td>DIMENSION IN INCHES</td> <td>ENG. DATE</td> <td></td> </tr> <tr> <td>TOLERANCES</td> <td>PROJ. ENG. DATE</td> <td></td> </tr> <tr> <td>DECIMALS FRACTIONS ANGLES</td> <td>PROD. DATE</td> <td></td> </tr> <tr> <td>= .005 = 1/64 = 0°30'</td> <td>FIRST USED ON</td> <td></td> </tr> <tr> <td>FINAL SURFACE QUALITY</td> <td></td> <td></td> </tr> <tr> <td>REMOVE BURRS AND BREAK SHARP CORNERS</td> <td></td> <td></td> </tr> </table>				DO NOT SCALE DRAWING	DRN. DATE	11-15-65	UNLESS OTHERWISE SPECIFIED	CHK'D. DATE		DIMENSION IN INCHES	ENG. DATE		TOLERANCES	PROJ. ENG. DATE		DECIMALS FRACTIONS ANGLES	PROD. DATE		= .005 = 1/64 = 0°30'	FIRST USED ON		FINAL SURFACE QUALITY			REMOVE BURRS AND BREAK SHARP CORNERS		
DO NOT SCALE DRAWING	DRN. DATE	11-15-65																									
UNLESS OTHERWISE SPECIFIED	CHK'D. DATE																										
DIMENSION IN INCHES	ENG. DATE																										
TOLERANCES	PROJ. ENG. DATE																										
DECIMALS FRACTIONS ANGLES	PROD. DATE																										
= .005 = 1/64 = 0°30'	FIRST USED ON																										
FINAL SURFACE QUALITY																											
REMOVE BURRS AND BREAK SHARP CORNERS																											
MATERIAL		FINISH																									
SCALE		SHEET OF																									
CODE		REV.																									
BS		F07																									
SIZE		NUMBER																									
D-168-O-F1		REV.																									
DIST.		REV.																									

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE
**FETCH CYCLE
TIME PULSES**

REV. 11-15-65
D-168-O-F1

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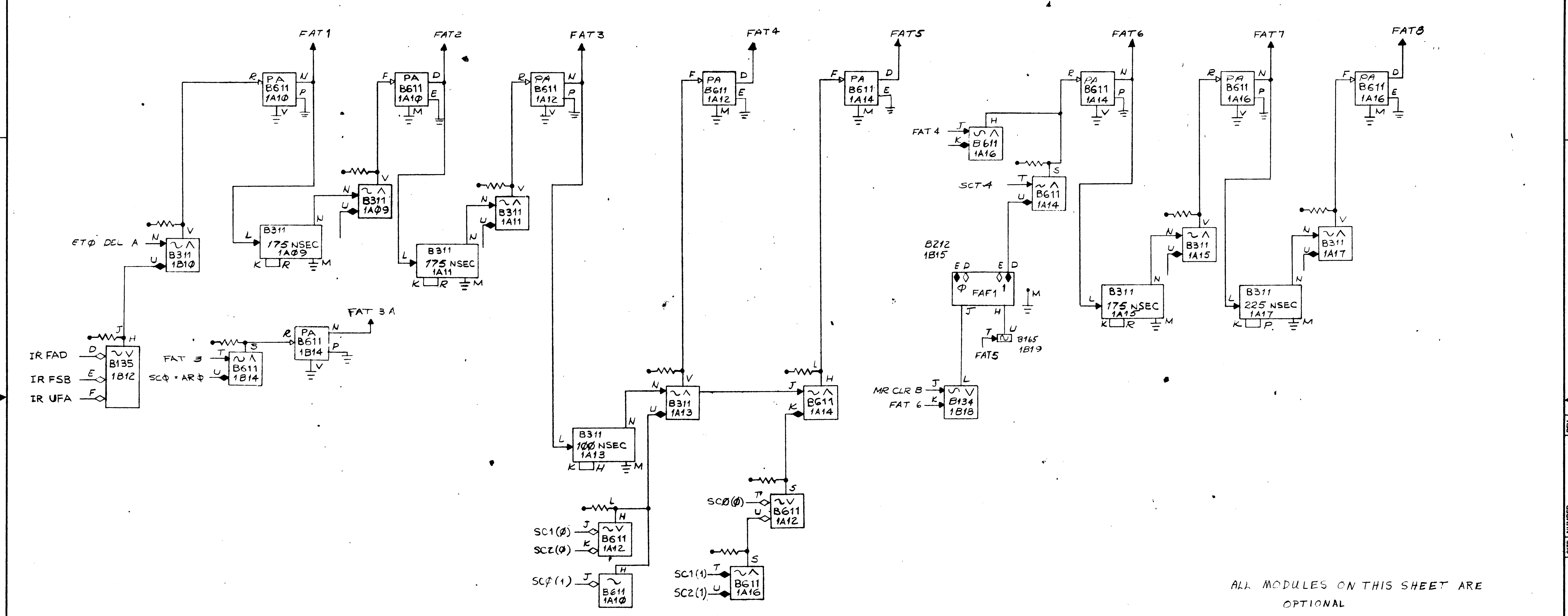


REVISIONS	REV.	DATE
CHANGE NO.		
WIRE LISTED	4/23	PDS
REVISED	8/26/67	TRK
CHK		

DO NOT SCALE DRAWING	DRN. GB	DATE 11/13/65
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	CHK'D.	DATE
TOLERANCES	ENG.	DATE
DECIMALS ± .005	PROJ. ENG.	DATE
FRACTIONS ± 1/64	PROD.	DATE
ANGLES ± 0°30'	FIRST USED ON	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	SCALE	
MATERIAL	SHEET	
FINISH	OF	

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
TITLE			
FETCH CYCLE LEVELS			
CODE	SIZE	NUMBER	REV.
BS	D	168-0-F2	1/16
DIST.			

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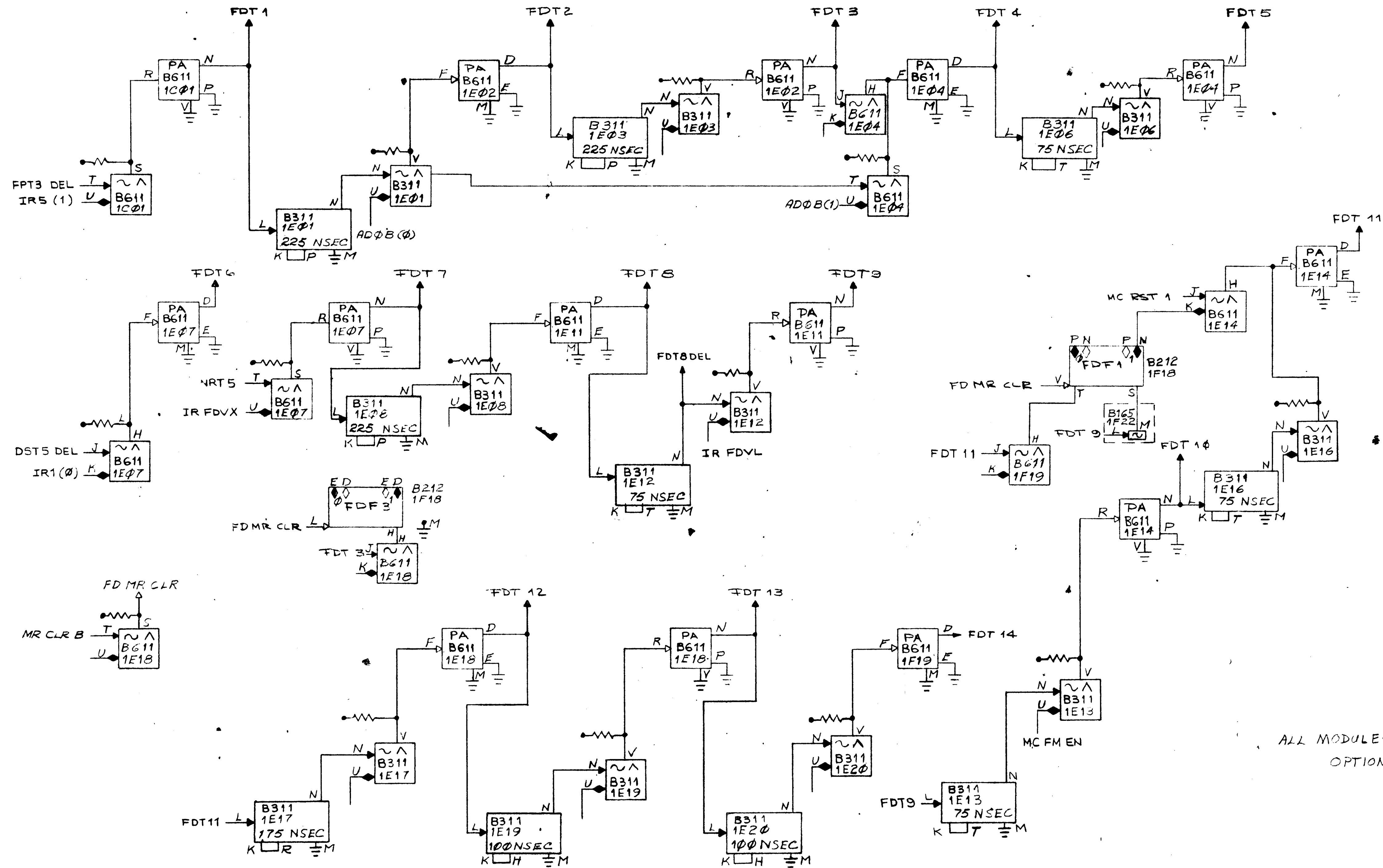


ALL MODULES ON THIS SHEET ARE OPTIONAL

REVISIONS	CHANGE NO.	REV.
WIRE LISTED 2/23/67	1	1
REVISED 5/19/67	2	2

DO NOT SCALE DRAWING		DRN	DATE	PARTS LIST	
UNLESS OTHERWISE SPECIFIED	DIMENSION IN INCHES	CHK'D	DATE	digital EQUIPMENT CORPORATION	
TOLERANCES		ENG.	DATE	TITLE	
DECIMALS	FRACTIONS	PROJ. ENG.	DATE	FLOATING ADD	
± .005	± 1/64	PROD.	DATE	INSTRUCTION	
FINAL SURFACE QUALITY		FIRST USED ON		CODE	SIZE
REMOVE BURRS AND BREAK SHARP CORNERS				BS	D-168-0-FA
MATERIAL	SCALE		NUMBER		REV.
	SHEET OF		DIST.		AD8

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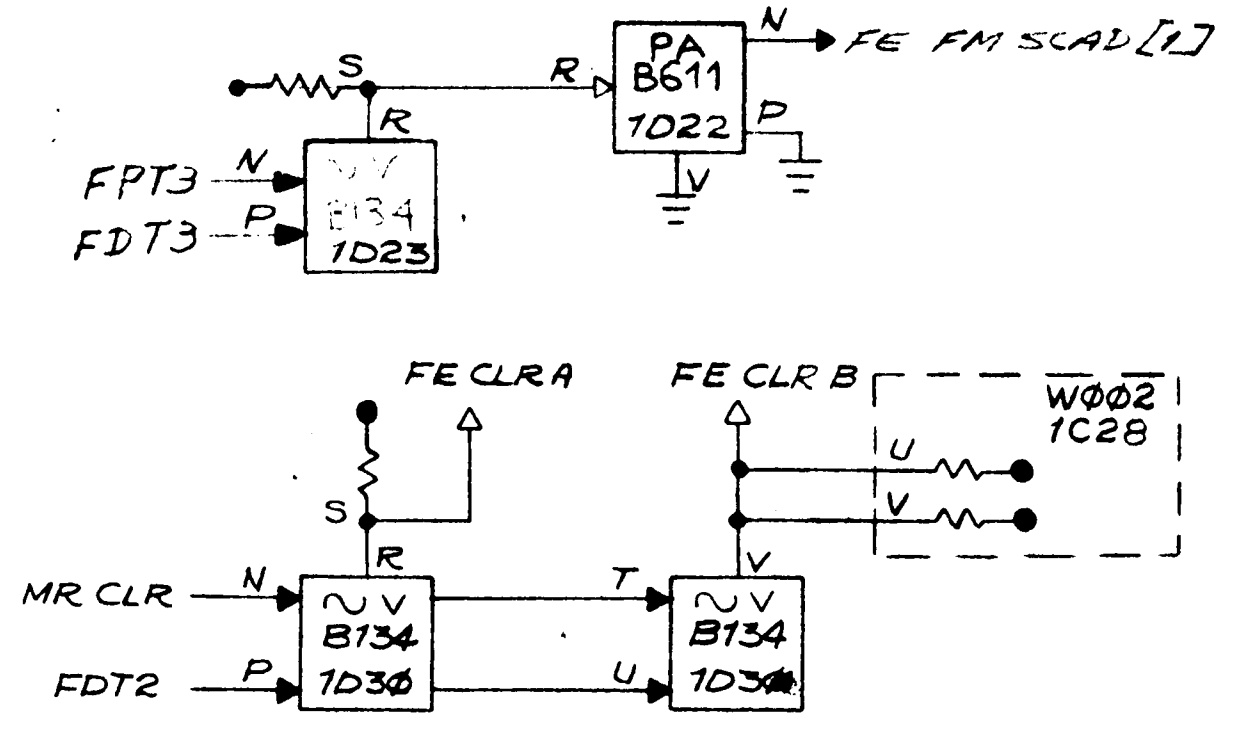
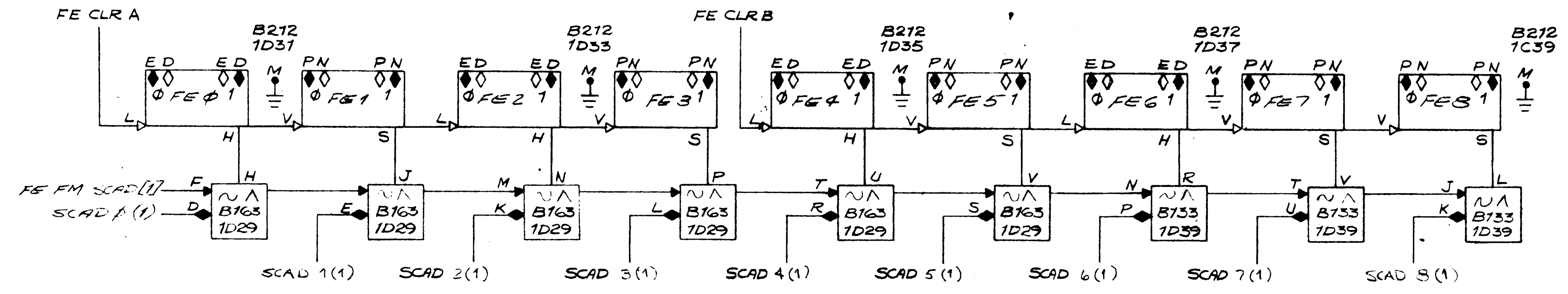
REV.	CHG.	NO.	DATE	BY
1	1	1	1/1/66	...
2	1	2
3	1	3
4	1	4
5	1	5

QTY.	DESCRIPTION	PART NO.	ITEM NO.
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			
MATERIAL		FIRST USED ON	
FINISH		SCALE	
SHEET		OF	
SIZE CODE		NUMBER	
D B5		168-0-FDV P08	
DIST.		REV.	

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE
FLOATING DIVIDE

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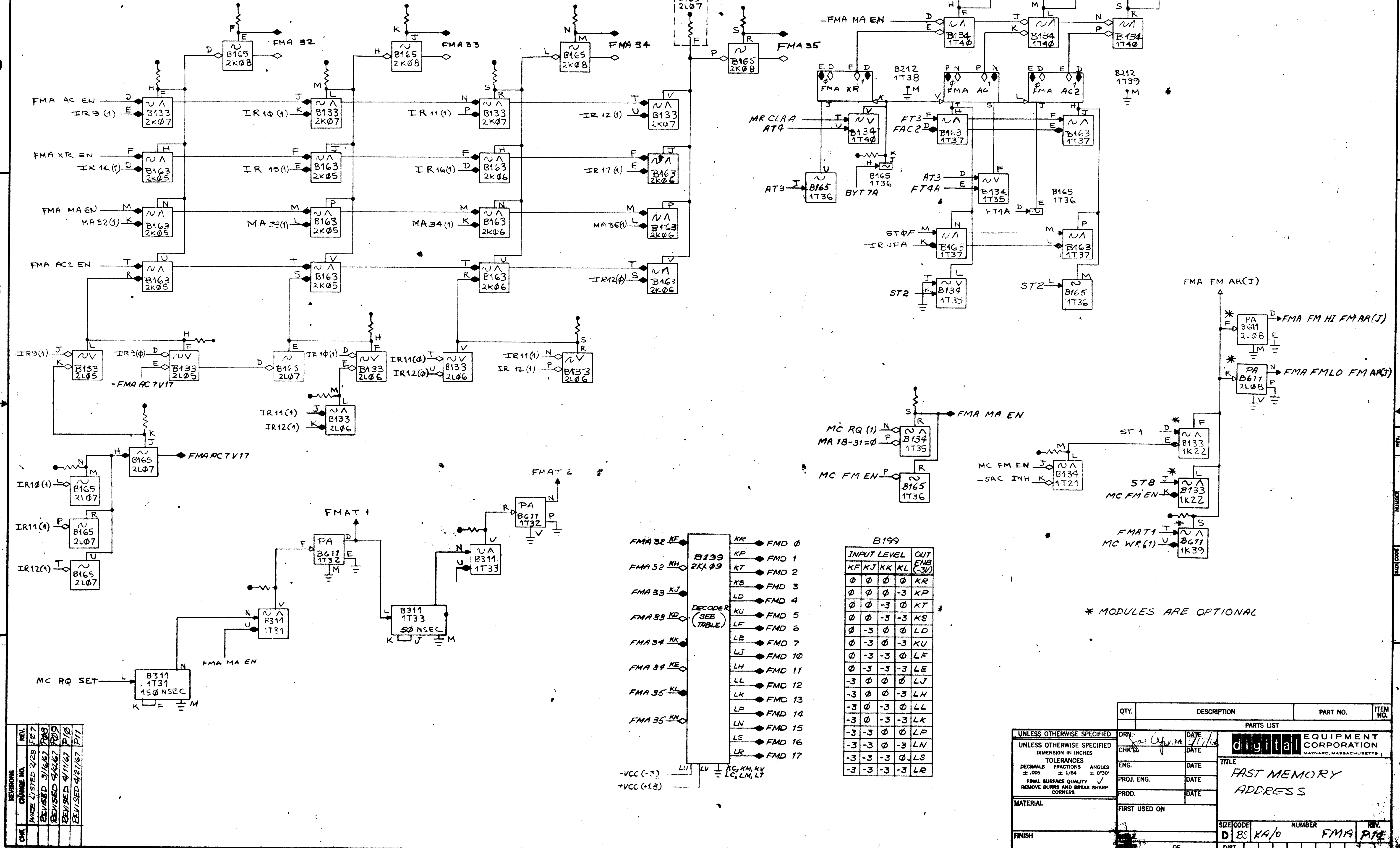


ALL MODULES ON THIS SHEET ARE OPTIONAL

REV.	REV.
CHANGE NO.	DATE
WHILE LISTED 2/73	10/66
CHK	

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DRN.	DATE
UNLESS OTHERWISE SPECIFIED		CHK'd	DATE
DIMENSION IN INCHES		ENG.	DATE
TOLERANCES		PROJ. ENG.	DATE
DECIMALS FRACTIONS ANGLES		PROD.	DATE
± .005 ± 1/64 ± 0°30'			
FINAL SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL	FIRST USED ON	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS TITLE FLOATING EXPONENT REGISTER AND CONTROL	
FINISH	SCALE		
SHEET	OF	SIZE CODE	NUMBER
		D 85	FE 106
		DIST.	REV.

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B199

INPUT LEVEL	OUT
KF KJ KK KL (K)	ENG (-3V)
0 0 0 0	KR
0 0 0 -3	KP
0 0 -3 0	KT
0 0 -3 -3	KS
0 -3 0 0	LD
0 -3 0 -3	LE
0 -3 -3 0	LJ
0 -3 -3 -3	LK
-3 0 0 0	LH
-3 0 0 -3	LI
-3 0 -3 0	LJ
-3 0 -3 -3	LK
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-3 -3 -3 -3	LQ

* MODULES ARE OPTIONAL

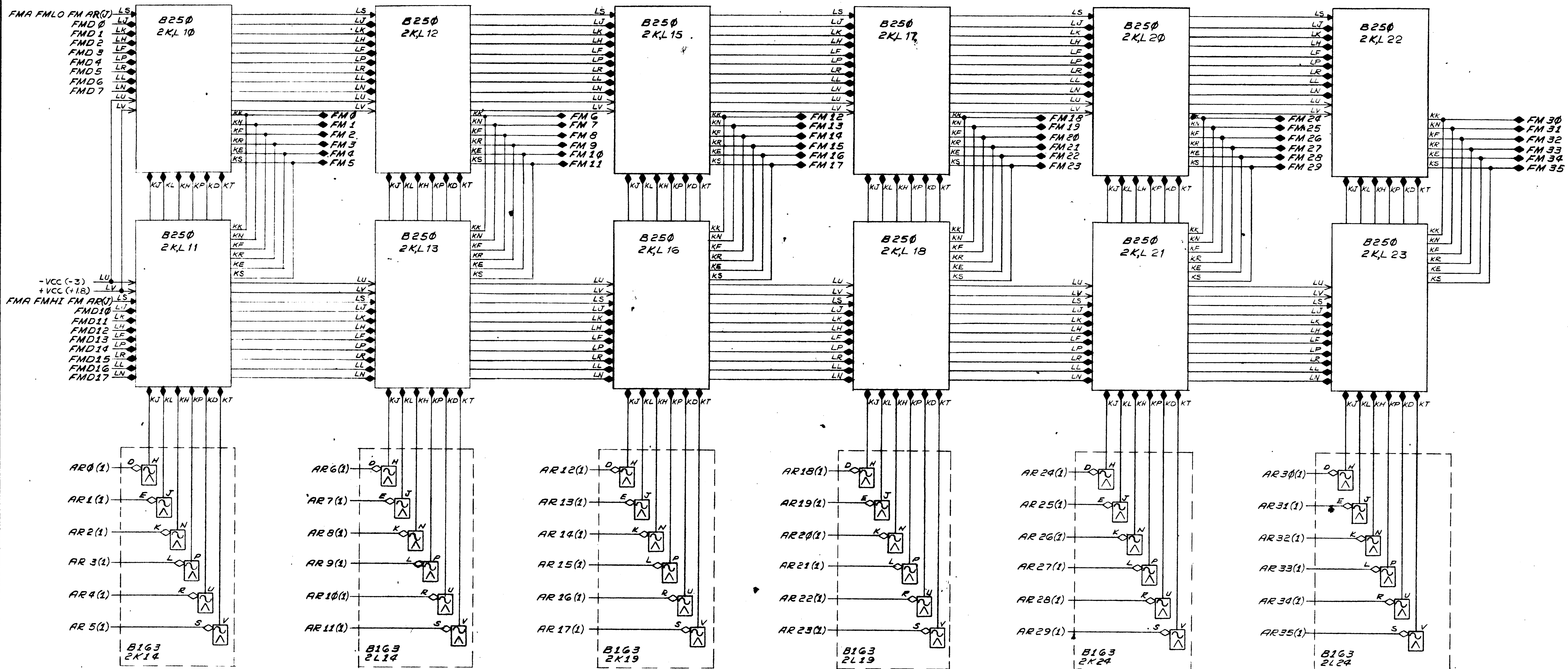
REVISIONS

REV.	DATE	BY	REASON
1	2/25/67	FE7	WAVE LISTED
2	3/16/67	FRG	REVISED
3	4/26/67	FRG	REVISED
4	9/11/67	FRG	REVISED
5	4/27/67	PIT	REVISED

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
FAST MEMORY ADDRESS			
UNLESS OTHERWISE SPECIFIED		DRN: <i>[Signature]</i> DATE: <i>[Date]</i>	
UNLESS OTHERWISE SPECIFIED		CHK'D: <i>[Signature]</i> DATE: <i>[Date]</i>	
DIMENSION IN INCHES		ENG. DATE: <i>[Date]</i>	
TOLERANCES		PROJ. ENG. DATE: <i>[Date]</i>	
DECIMALS FRACTIONS ANGLES		PROD. DATE: <i>[Date]</i>	
±.005 ±.1/64 ±.030		FIRST USED ON: <i>[Date]</i>	
FINAL SURFACE QUALITY		SIZE CODE: D BS NUMBER: KA/0	
REMOVE BURRS AND BREAK SHARP CORNERS		FINISH: FMA P12	

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NOTE: B250 GNDS
KC, KM, KV, LC, LM, LT



NOTE: ALL MODULES ON THIS SHEET ARE OPTIONAL

REV.	REV.
CHANGE NO.	DATE
CHK.	WIRE LISTED 2/28 PDA

UNLESS OTHERWISE SPECIFIED		DRN.	J.S.	DATE	1/16/67
DIMENSION IN INCHES		CHK'D.		DATE	
TOLERANCES		ENG.		DATE	
DECIMALS	FRACTIONS	PROJ. ENG.		DATE	
± .005	± 1/64"	PROD.		DATE	
FINAL SURFACE QUALITY		FIRST USED ON			
REMOVE BURRS AND BREAK SHARP CORNERS		SCALE			
MATERIAL		SHEET OF			
FINISH		SIZE CODE			
		NUMBER			
		REV.			
		FM PDA			
		DIST.			

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
TITLE
FAST MEMORY

REV. NUMBER

B

A

D

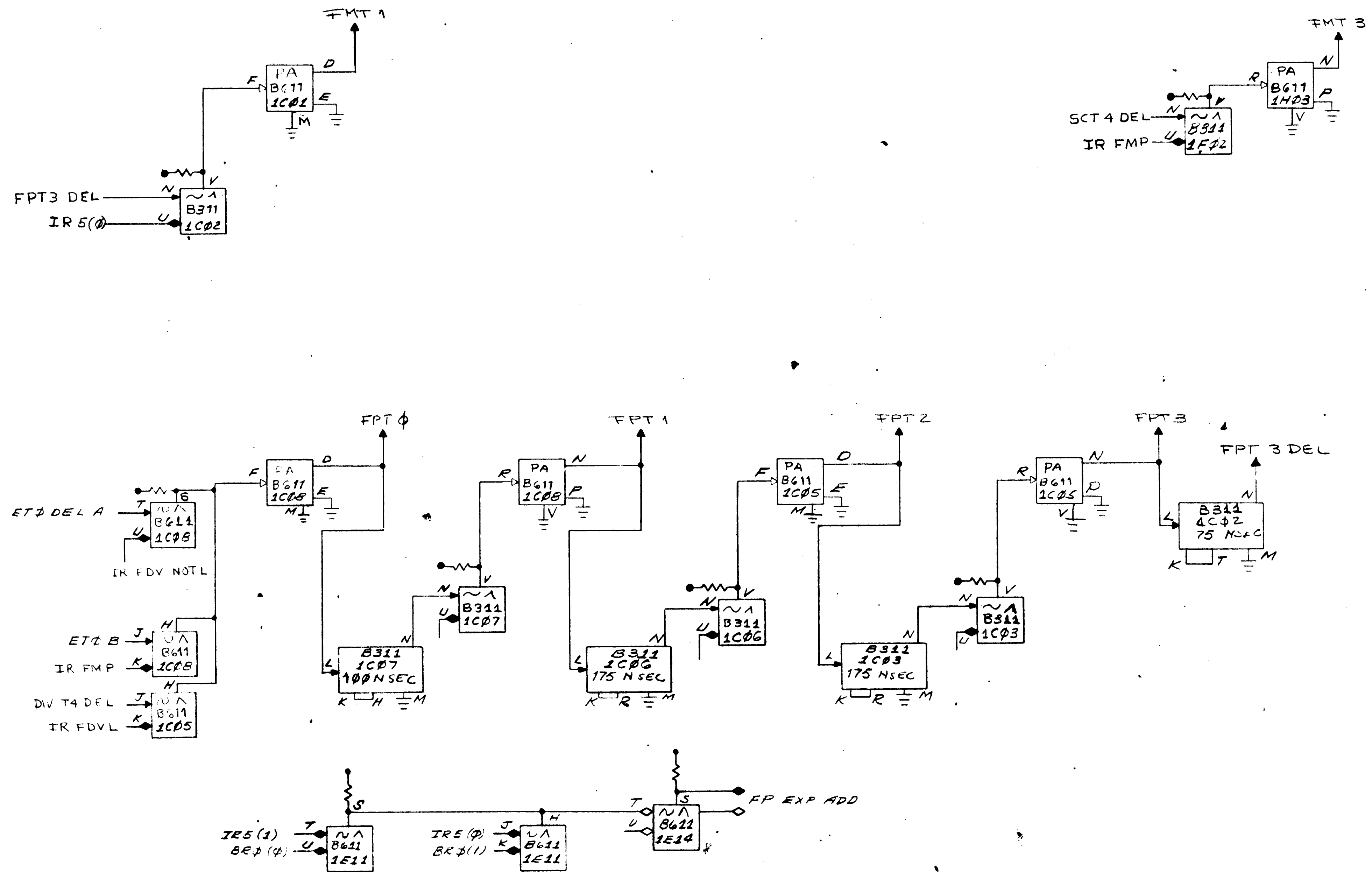
C

B

A

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REV.	NUMBER	SIZE CODE	2
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NOTE: ALL MODELS ON THIS SHEET ARE OPTIONAL

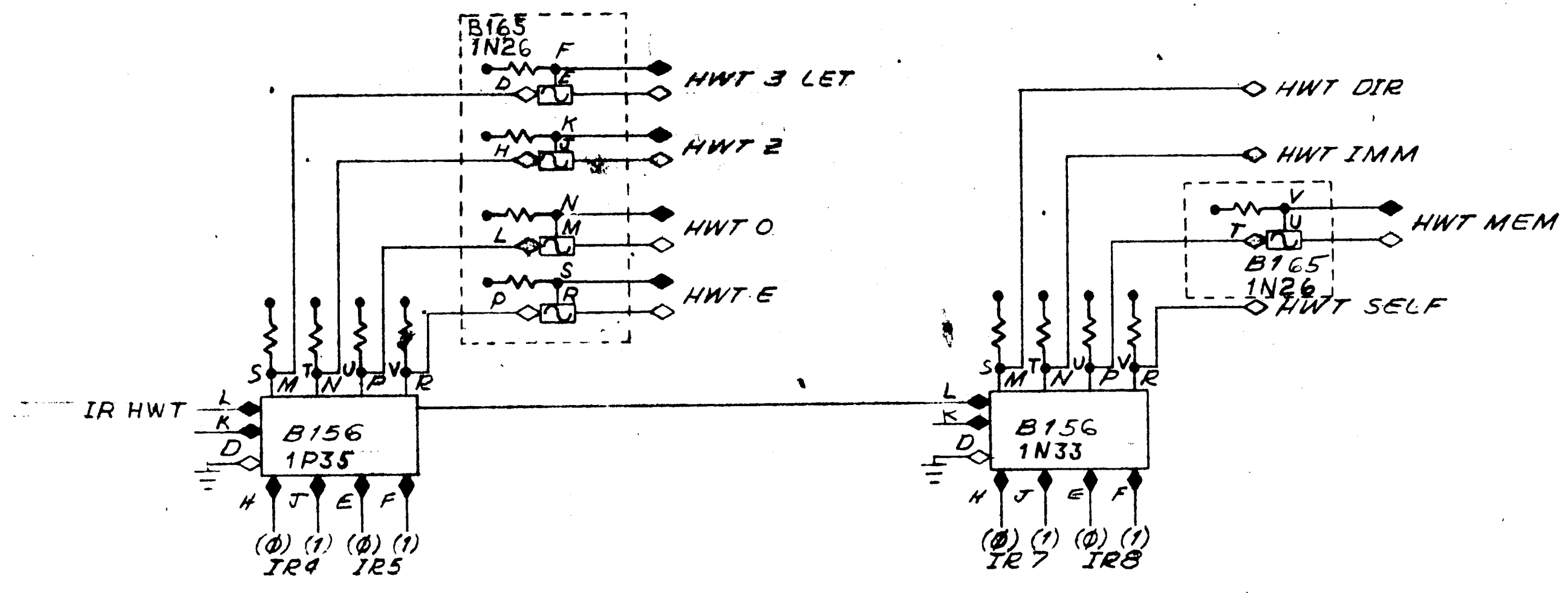
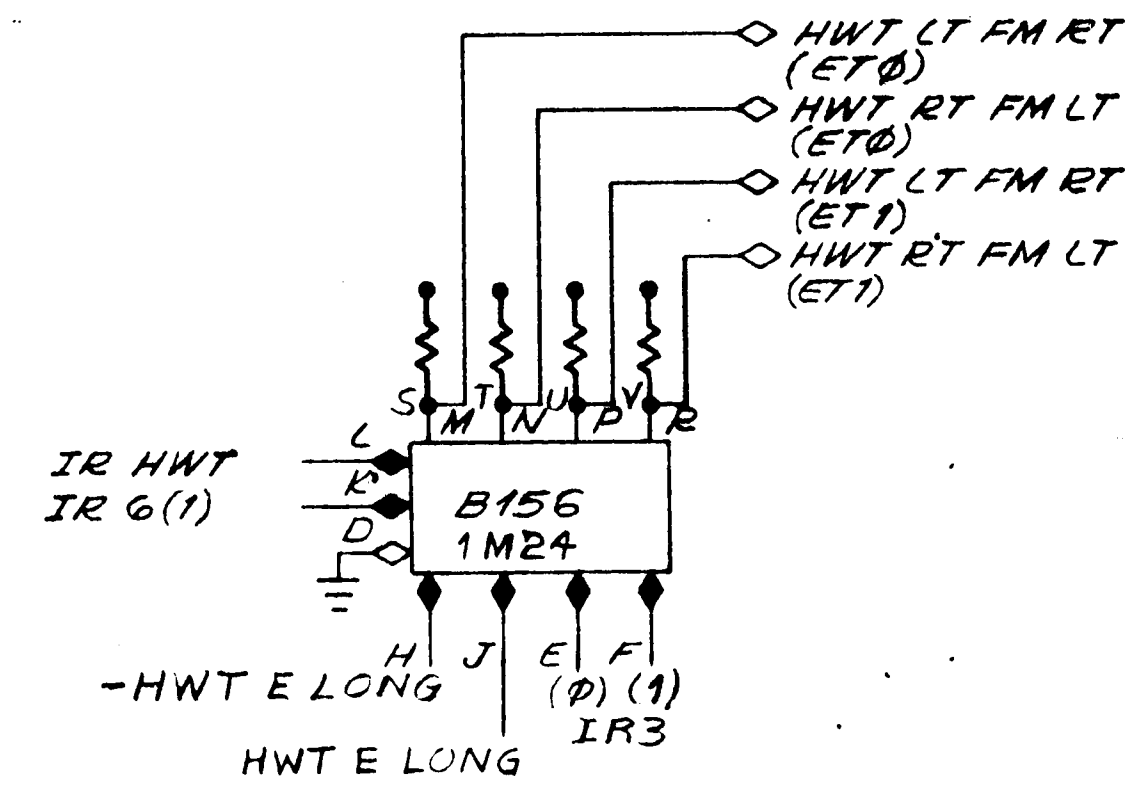
REV.	NO.	DATE
REV.	NO.	DATE
REV.	NO.	DATE

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED:		DRN. DATE	
UNLESS OTHERWISE SPECIFIED		CHKD. DATE	
DIMENSION IN INCHES		TOLERANCES	
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINAL SURFACE QUALITY		REMOVE BURRS AND BREAK SHARP CORNERS	
MATERIAL		FIRST USED ON	
FINISH		SCALE	
SHEET		OF	
SIZE CODE		NUMBER	
D BS		FFM P02	
DIST.		REV.	

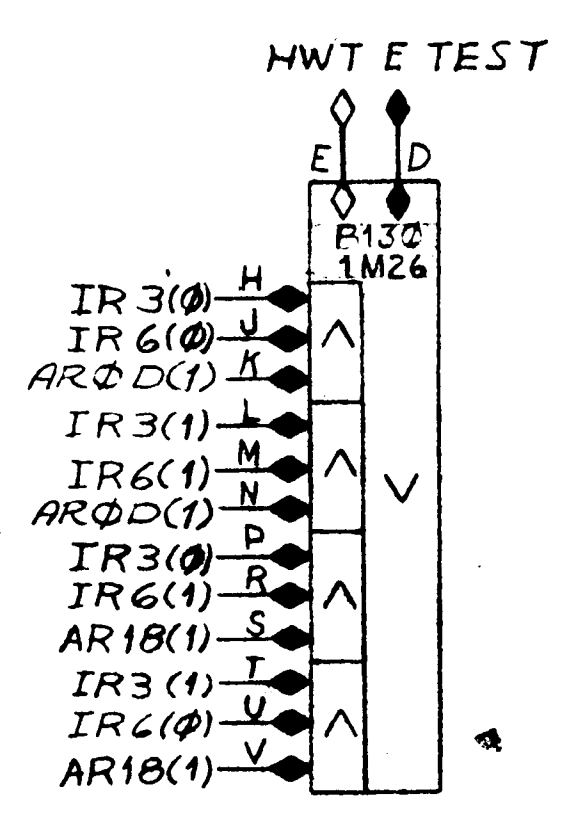
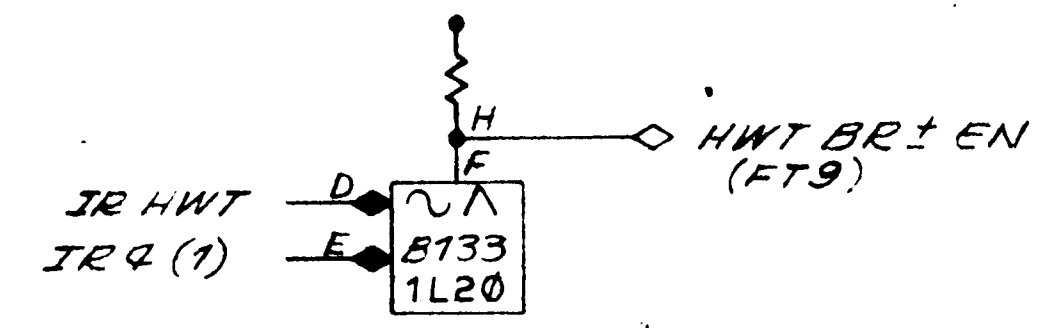
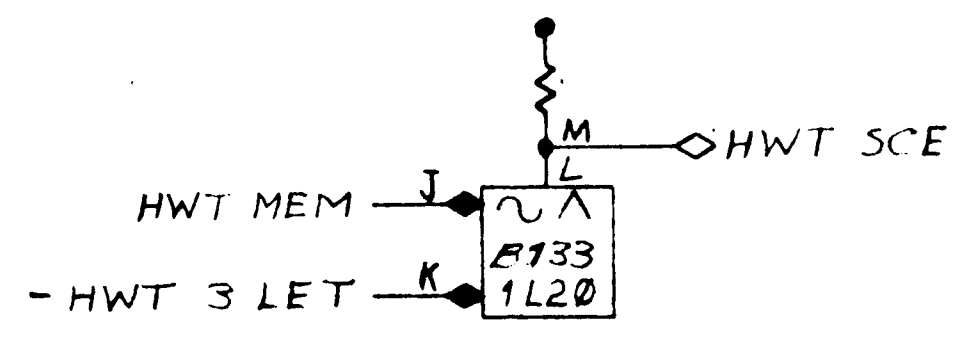
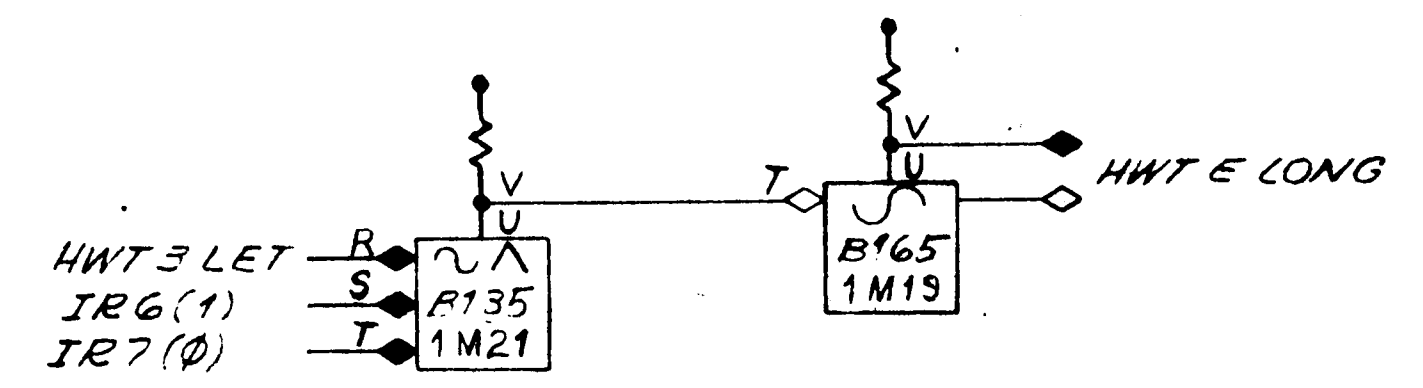
digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
TITLE
FP EXP. CALC
FLOATING MULTIPLY

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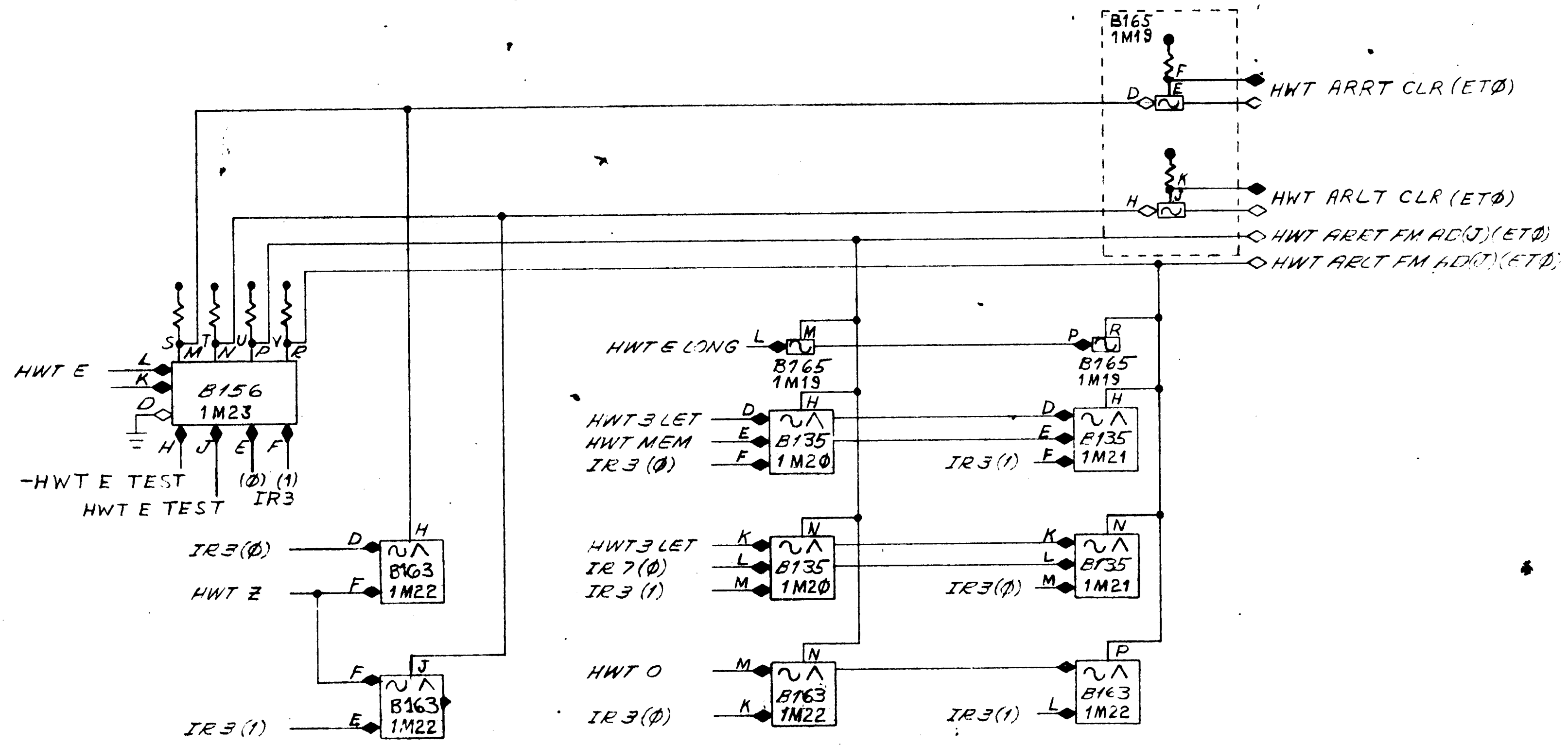
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C



B

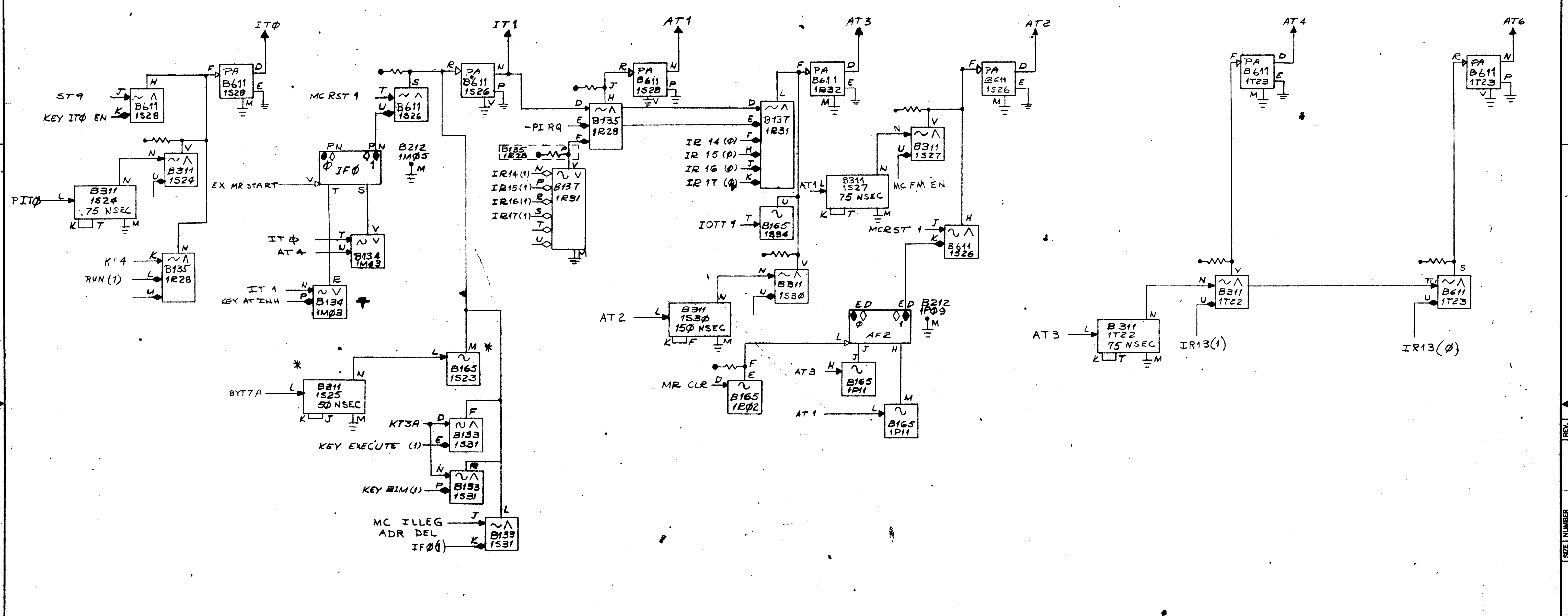


A

REV. NO.	REV.
CHANGE NO.	FRAG
DATE LISTED	2/23
CHK	

QTY.	DESCRIPTION	PART NO.	ITEM NO.
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			
MATERIAL		FIRST USED ON	
FINISH		SCALE	
SHEET		OF	
DRN. Joe Oprea		DATE 7/28/66	
CHK'D.		DATE	
ENG.		DATE	
PROJ. ENG.		DATE	
PROD.		DATE	
TITLE		NUMBER	
digital EQUIPMENT CORPORATION		HWT 206	
MAYNARD, MASSACHUSETTS		REV.	
SIZE CODE		DIST.	
D B S D			

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NOTE: 1. ↑ THIS IS A NOR (KEY AT INH STOPS THE TIME CHAIN)

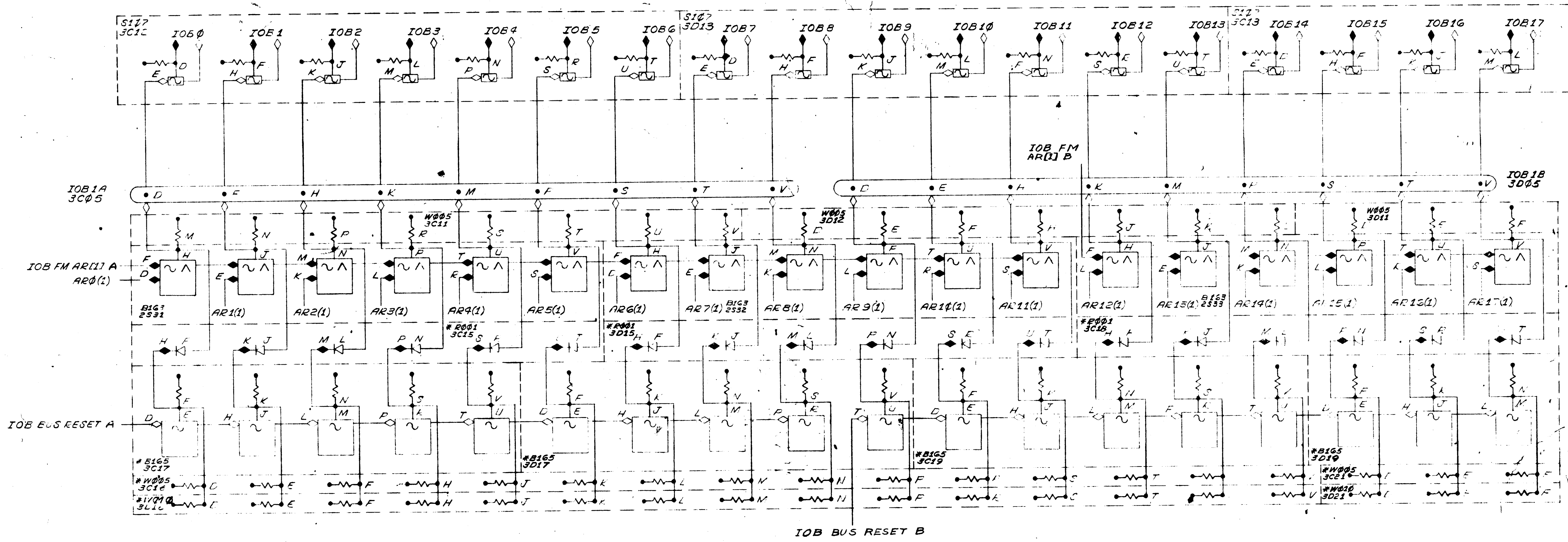
* MODULES ARE OPTIONAL

REV.	CHANGE NO.	DATE
1	1	11/12/65
2	2	1/23/66
3	3	3/19/67
4	4	3/20/67
5	5	4/16/67
6	6	4/16/67

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DO NOT SCALE DRAWING		DRN	DATE
UNLESS OTHERWISE SPECIFIED		CHK'D.	DATE
DIMENSION IN INCHES		ENG.	DATE
TOLERANCES		PROJ. ENG.	DATE
DECIMALS FRACTIONS ANGLES		PROD.	DATE
± .005 ± 1/64 ± 0°30'		FIRST USED ON	
FINAL SURFACE QUALITY		SCALE	
REMOVE BURRS AND BREAK SHARP CORNERS		SHEET OF	
MATERIAL		CODE SIZE NUMBER	
FINISH		89 D - 168-0-1A	
		REV. 1A	

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
TITLE
INSTRUCTION AND ADDRESS CYCLES

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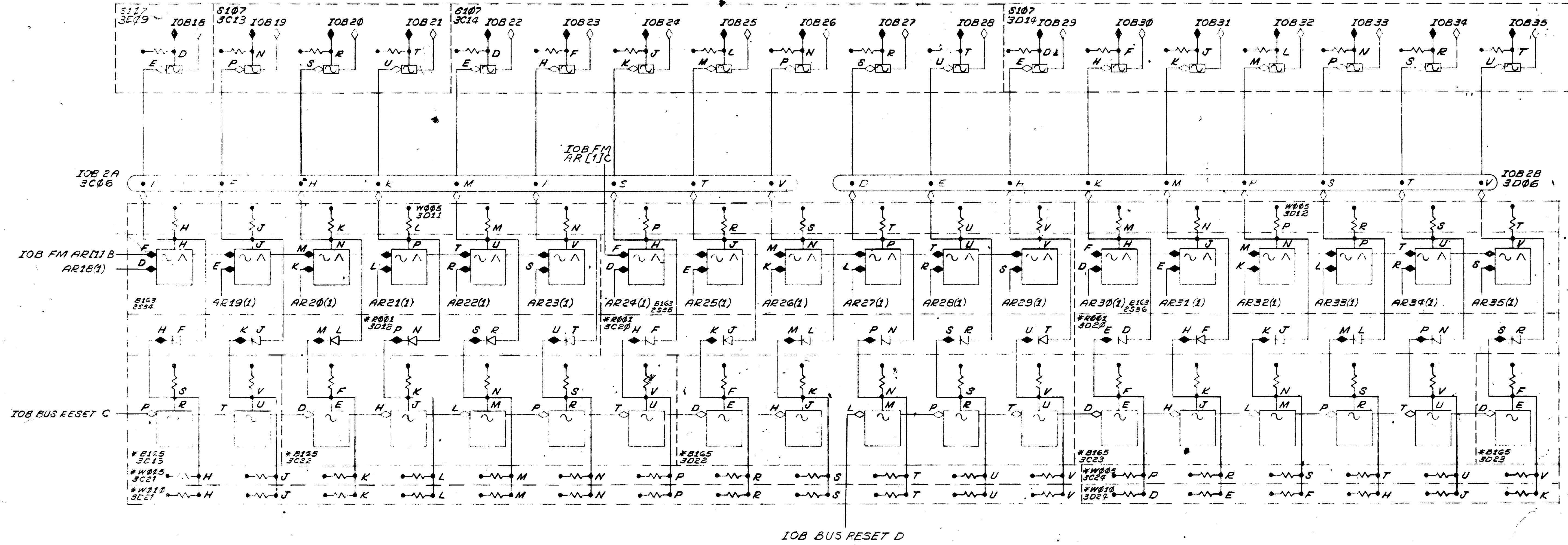


NOTES: 1. *MODULES ARE OPTIONAL
 2. E, G, N, L, P, S, C, F, U, L, N, R, & U IN ALL WORDS

REVISIONS	CHANGE NO.	REV.
CHK	WIRE LISTED	REV.
	ET. VICT. HAN. 10/1	

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
digital EQUIPMENT CORPORATION			
TITLE: IOBUS (0-17)			
UNLESS OTHERWISE SPECIFIED		DRN	DATE
UNLESS OTHERWISE SPECIFIED		CHK'D	DATE
DIMENSION IN INCHES		ENG	DATE
TOLERANCES		PROT EN'G	DATE
DECIMALS FRACTIONS ANGLES		PROD	DATE
±.005 ±.010 ±.030			
FINAL SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL	FIRST USED ON		
FINISH	SCALE	SIZE CODE	NUMBER
	SH. 11	DAS	IOB1
	OF	DIST	

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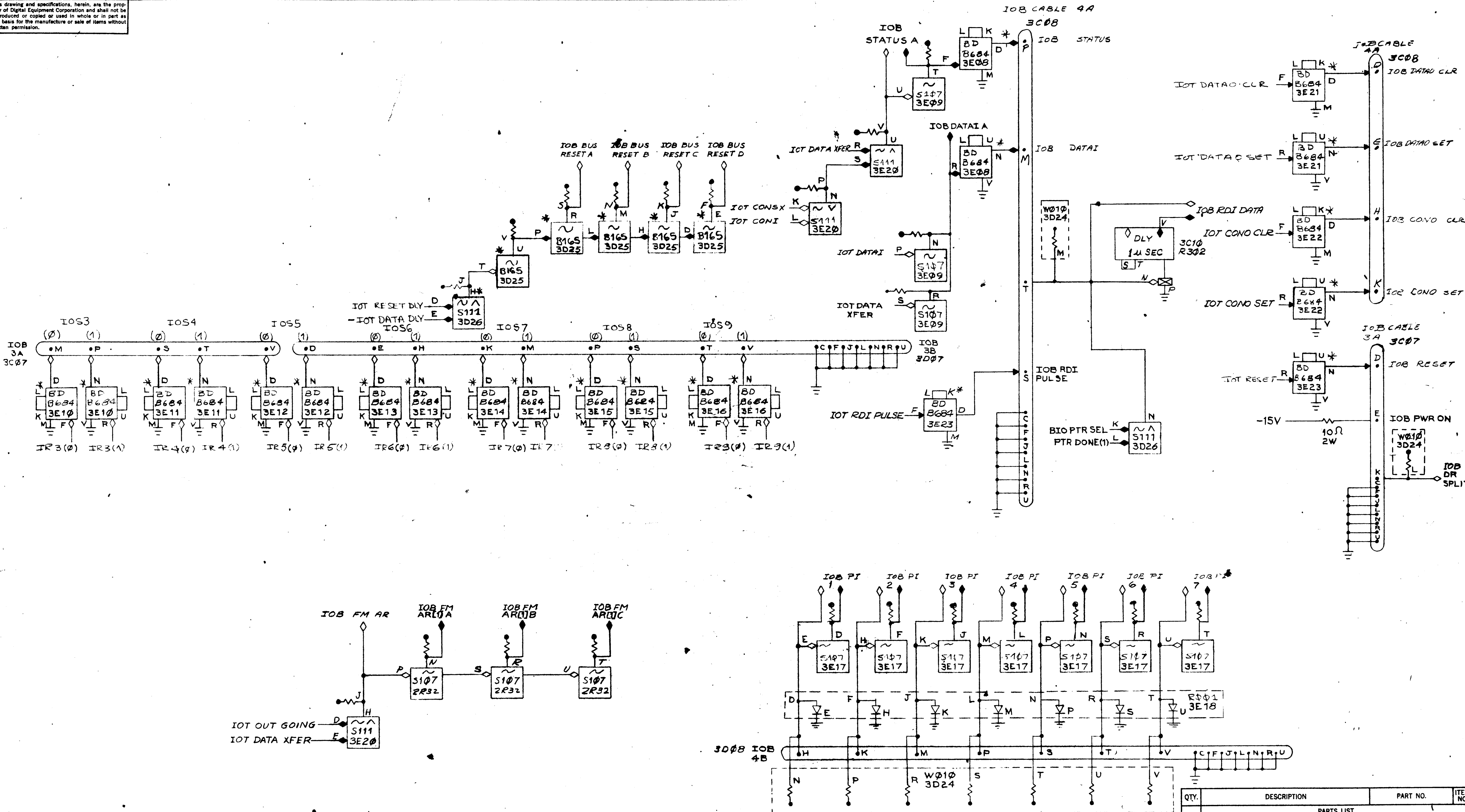
NOTES: 1. * MODULES ARE OPTIONAL.
2. SWI. FIN'S C.F., J.L., N.R., E.U., N.L., W.D., S.C.

REV	NO	DATE
1	1	11/13/69
2	1	11/13/69
3	1	11/13/69

QTY	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DRN	DATE
DIMENSION IN INCHES		CHG	DATE
TOLERANCES		ENG	DATE
DECIMALS	FRACTIONS	PROJ ENG	DATE
± .005	1/64	PROD	DATE
FINAL SURFACE QUALITY		FIRST USED ON	
REMOVE BURRS AND BREAK SHARP CORNERS		SCALE	
MATERIAL		SIZE CODE	NUMBER
FINISH		D E C	IOB-2
SHLET		OF	REV. P07

digital EQUIPMENT CORPORATION
 TITLE: **IOB BUS (18-35)**

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REV.	REVISIONS
2	REVISED 9/16/67 P17
1	REVISED 8/16/67 P17
0	REVISIONS LISTED 2/3 P17
0	WIRE LISTED 2/3 P17
0	CHG

PARTS LIST			
QTY.	DESCRIPTION	PART NO.	ITEM NO.
	digital CORPORATION		
	MAYNARD, MASSACHUSETTS		
	TITLE		
	I/O BUS CONTROL AND IO SELECTION		
	CODE	NUMBER	REV.
ES	D	IOBC	P17
	SCALE		
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	SHEET	OF	
	DIST.		

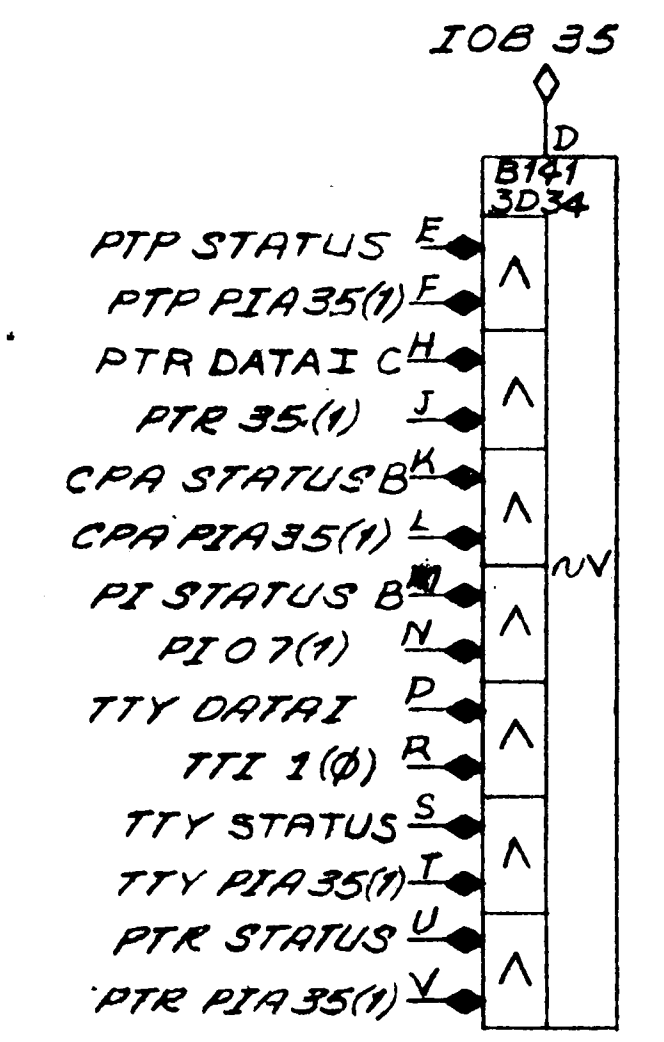
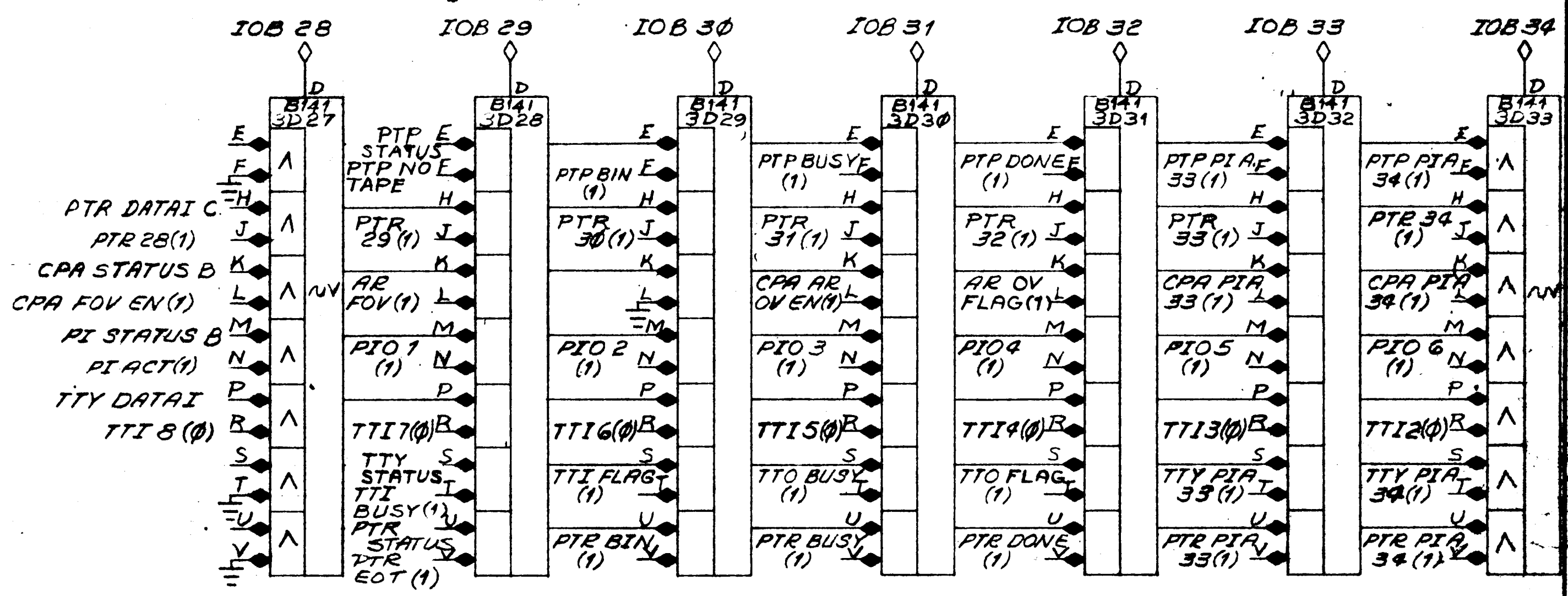
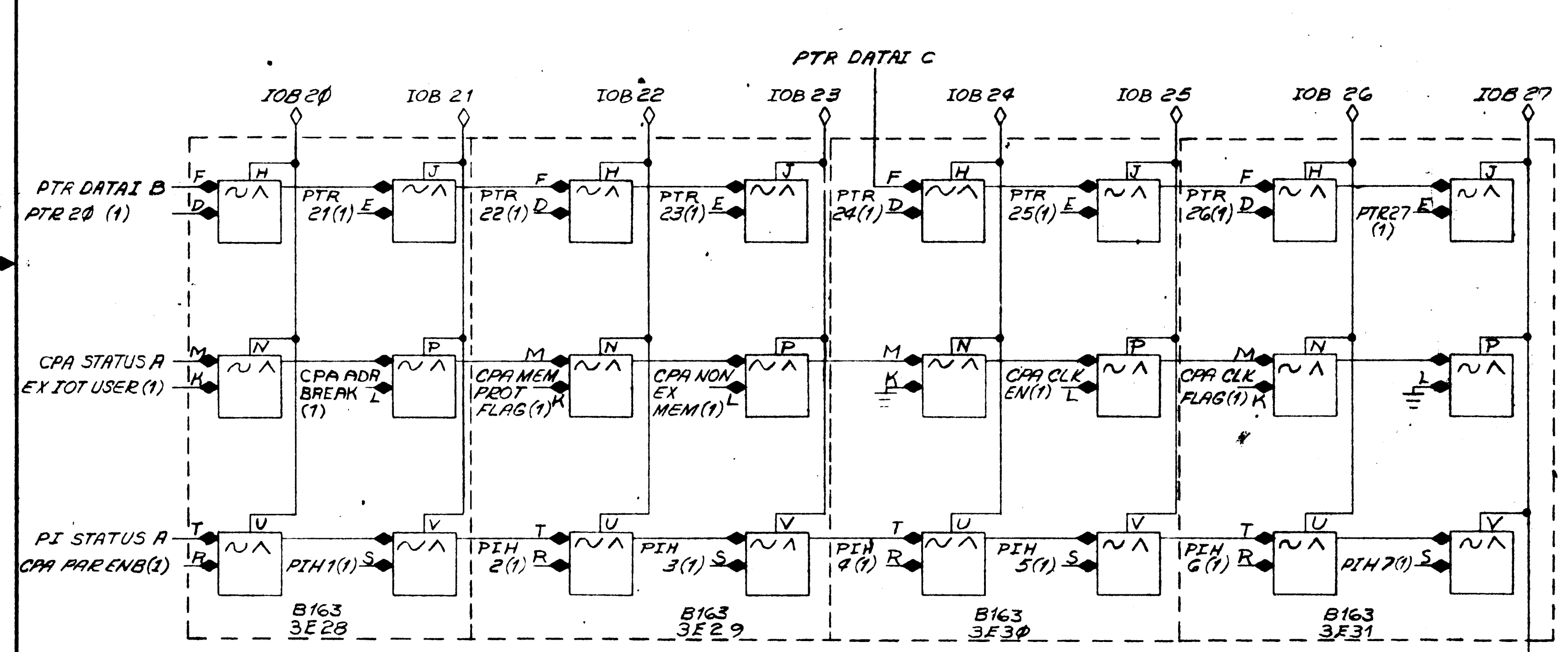
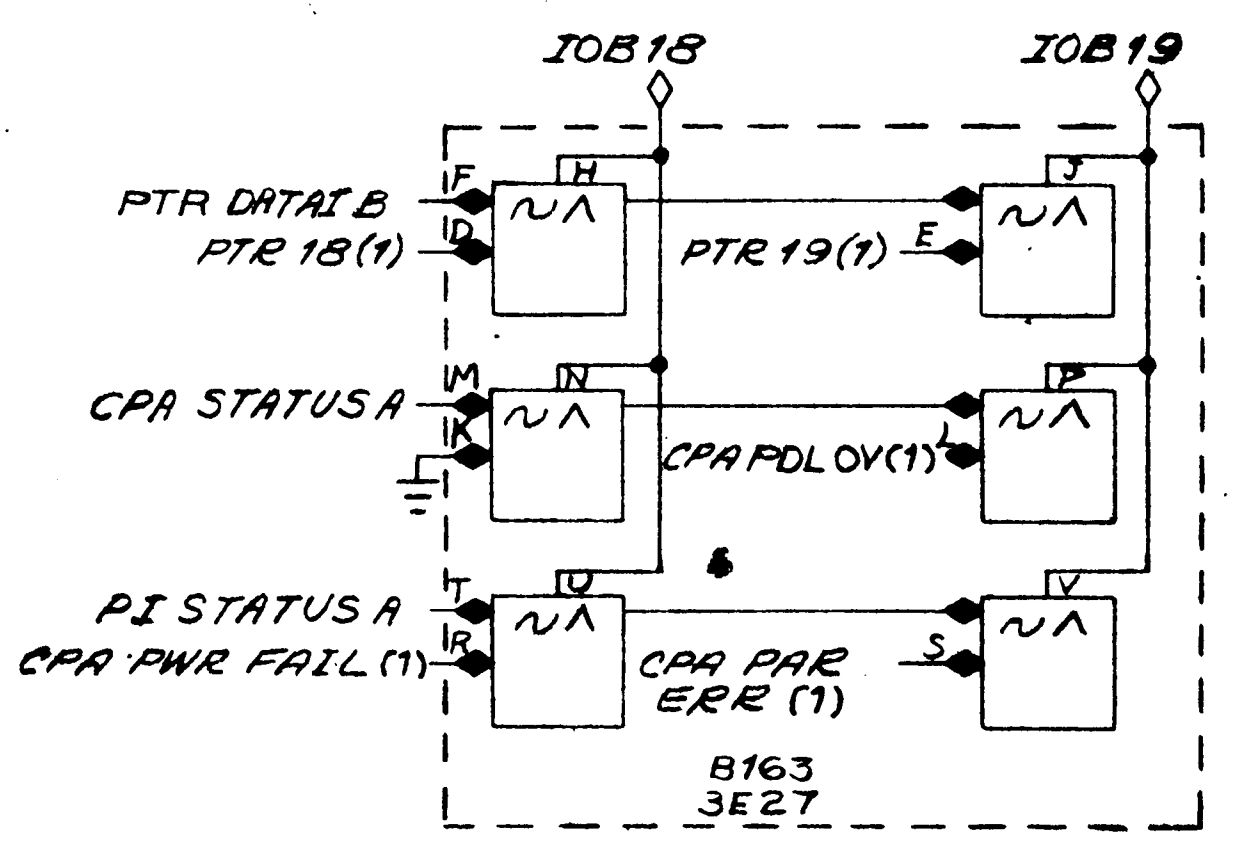
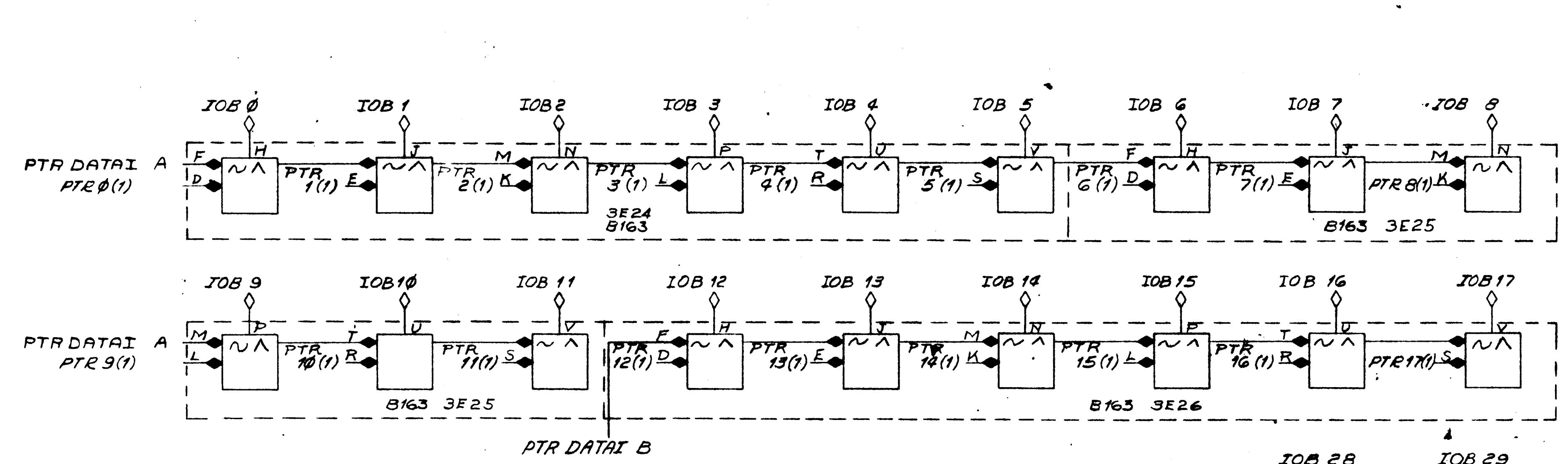
DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES

TOLERANCES	DECIMALS	FRACTIONS	ANGLES
	±.005	± 1/64	± 0°30'

FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS

* IO BUS OPTION

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REV.	CHANGE NO.	DATE
1	1	3/20/66
2	2	3/23/66
3	3	3/19/67
4	4	3/23/67

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DRN <i>Okrea</i> DATE <i>3/20/66</i>	
UNLESS OTHERWISE SPECIFIED		DATE	
DIMENSION IN INCHES		DATE	
TOLERANCES		DATE	
DECIMALS ± .005	FRACTIONS ± 1/64	ANGLES ± 0°30'	TITLE
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS			PROJECT ENG. DATE
MATERIAL			PROD. DATE
FINISH			FIRST USED ON
SCALE		SIZE CODE	NUMBER
SHEET OF		D 85	KA 10
		REV.	REV.
		IOBI	PO.7

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE
IOB INPUTS

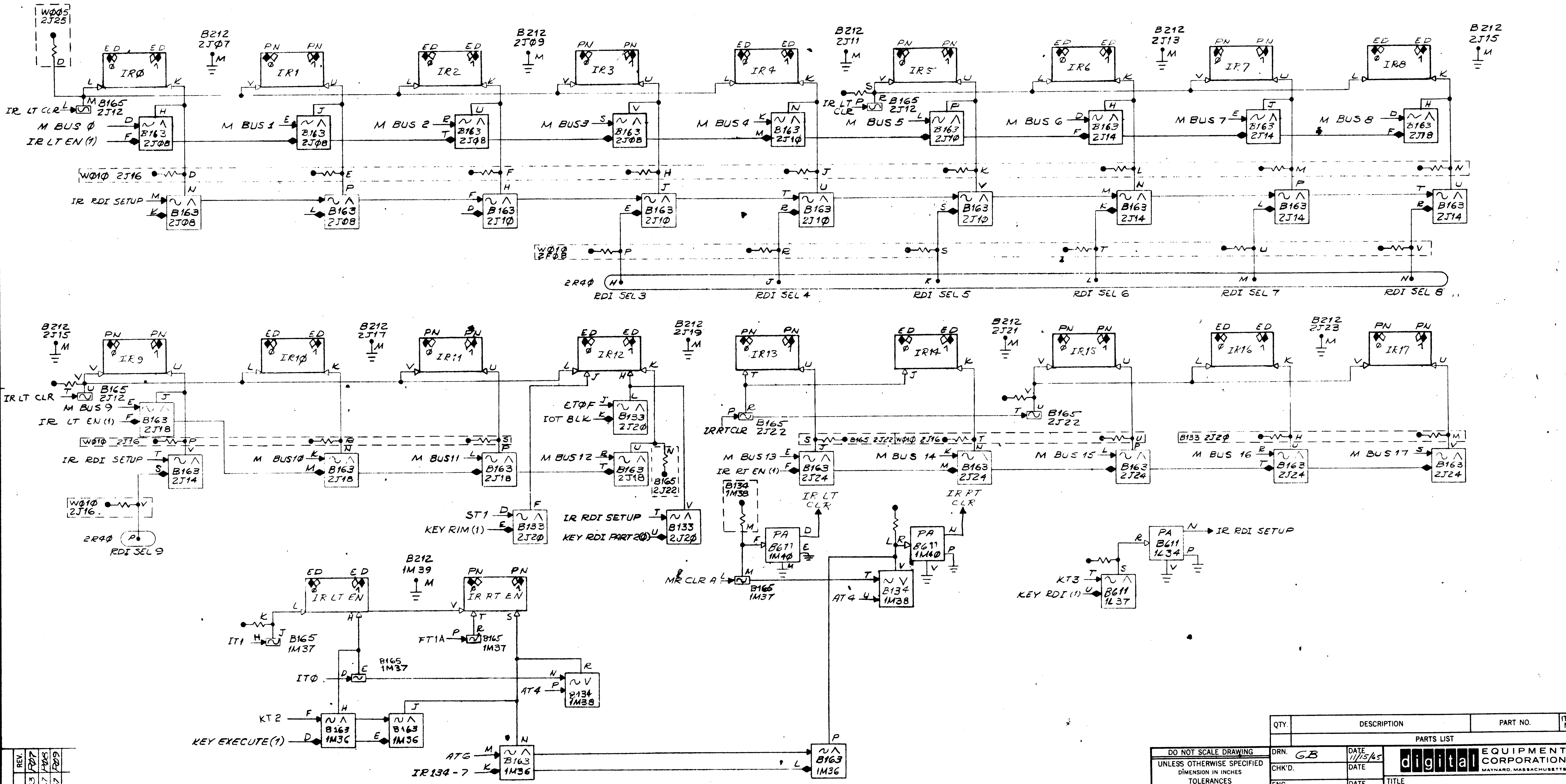
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D

C

B

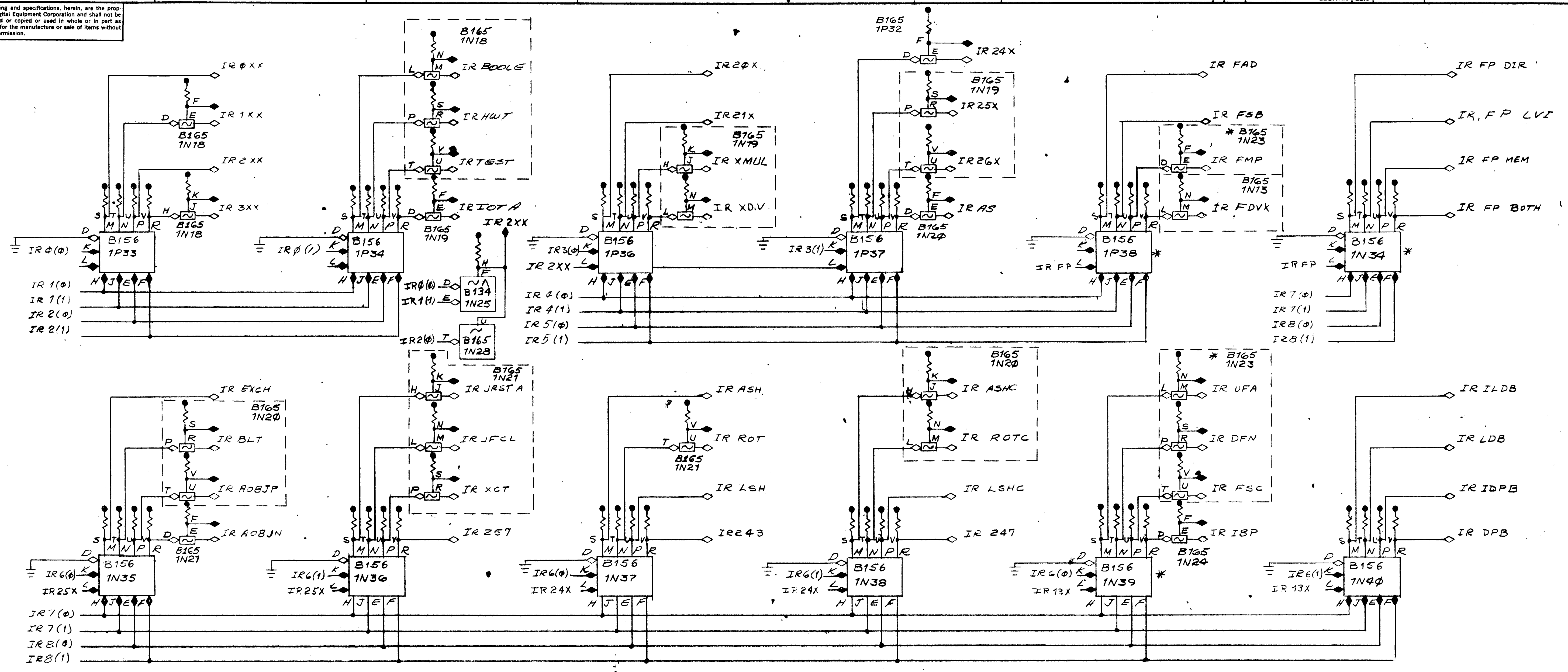
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REV.	CHANGE NO.	DESCRIPTION
1	1	WIRE LISTED 2/23/67
2	2	REVISION 3/19/67 PDS
3	3	REVISION 4/11/67 PDS

QTY.	DESCRIPTION	PART NO.	ITEM NO.																																			
PARTS LIST																																						
<table border="1"> <tr> <td>DO NOT SCALE DRAWING</td> <td>DRN. GB</td> <td>DATE 11/15/65</td> <td rowspan="5"> digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS </td> </tr> <tr> <td>UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES</td> <td>CHK'D.</td> <td>DATE</td> </tr> <tr> <td>TOLERANCES</td> <td>ENG.</td> <td>DATE</td> </tr> <tr> <td>DECIMALS FRACTIONS ANGLES</td> <td>PROJ. ENG.</td> <td>DATE</td> </tr> <tr> <td>± .005 ± 1.64 ± 0°30'</td> <td>PROD.</td> <td>DATE</td> </tr> <tr> <td>FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS</td> <td colspan="2">FIRST USED ON</td> <td rowspan="2"> INSTRUCTION REGISTER </td> </tr> <tr> <td>MATERIAL</td> <td colspan="2">SCALE</td> </tr> <tr> <td>FINISH</td> <td>SHEET</td> <td>OF</td> <td> <table border="1"> <tr> <td>CODE</td> <td>SIZE</td> <td>NUMBER</td> <td>REV.</td> </tr> <tr> <td>BS</td> <td>D-168-0-IR</td> <td></td> <td>770</td> </tr> </table> </td> </tr> </table>				DO NOT SCALE DRAWING	DRN. GB	DATE 11/15/65	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	CHK'D.	DATE	TOLERANCES	ENG.	DATE	DECIMALS FRACTIONS ANGLES	PROJ. ENG.	DATE	± .005 ± 1.64 ± 0°30'	PROD.	DATE	FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	FIRST USED ON		INSTRUCTION REGISTER	MATERIAL	SCALE		FINISH	SHEET	OF	<table border="1"> <tr> <td>CODE</td> <td>SIZE</td> <td>NUMBER</td> <td>REV.</td> </tr> <tr> <td>BS</td> <td>D-168-0-IR</td> <td></td> <td>770</td> </tr> </table>	CODE	SIZE	NUMBER	REV.	BS	D-168-0-IR		770
DO NOT SCALE DRAWING	DRN. GB	DATE 11/15/65	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS																																			
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	CHK'D.	DATE																																				
TOLERANCES	ENG.	DATE																																				
DECIMALS FRACTIONS ANGLES	PROJ. ENG.	DATE																																				
± .005 ± 1.64 ± 0°30'	PROD.	DATE																																				
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	FIRST USED ON		INSTRUCTION REGISTER																																			
MATERIAL	SCALE																																					
FINISH	SHEET	OF	<table border="1"> <tr> <td>CODE</td> <td>SIZE</td> <td>NUMBER</td> <td>REV.</td> </tr> <tr> <td>BS</td> <td>D-168-0-IR</td> <td></td> <td>770</td> </tr> </table>	CODE	SIZE	NUMBER	REV.	BS	D-168-0-IR		770																											
CODE	SIZE	NUMBER	REV.																																			
BS	D-168-0-IR		770																																			

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* MODULES ARE OPTIONAL

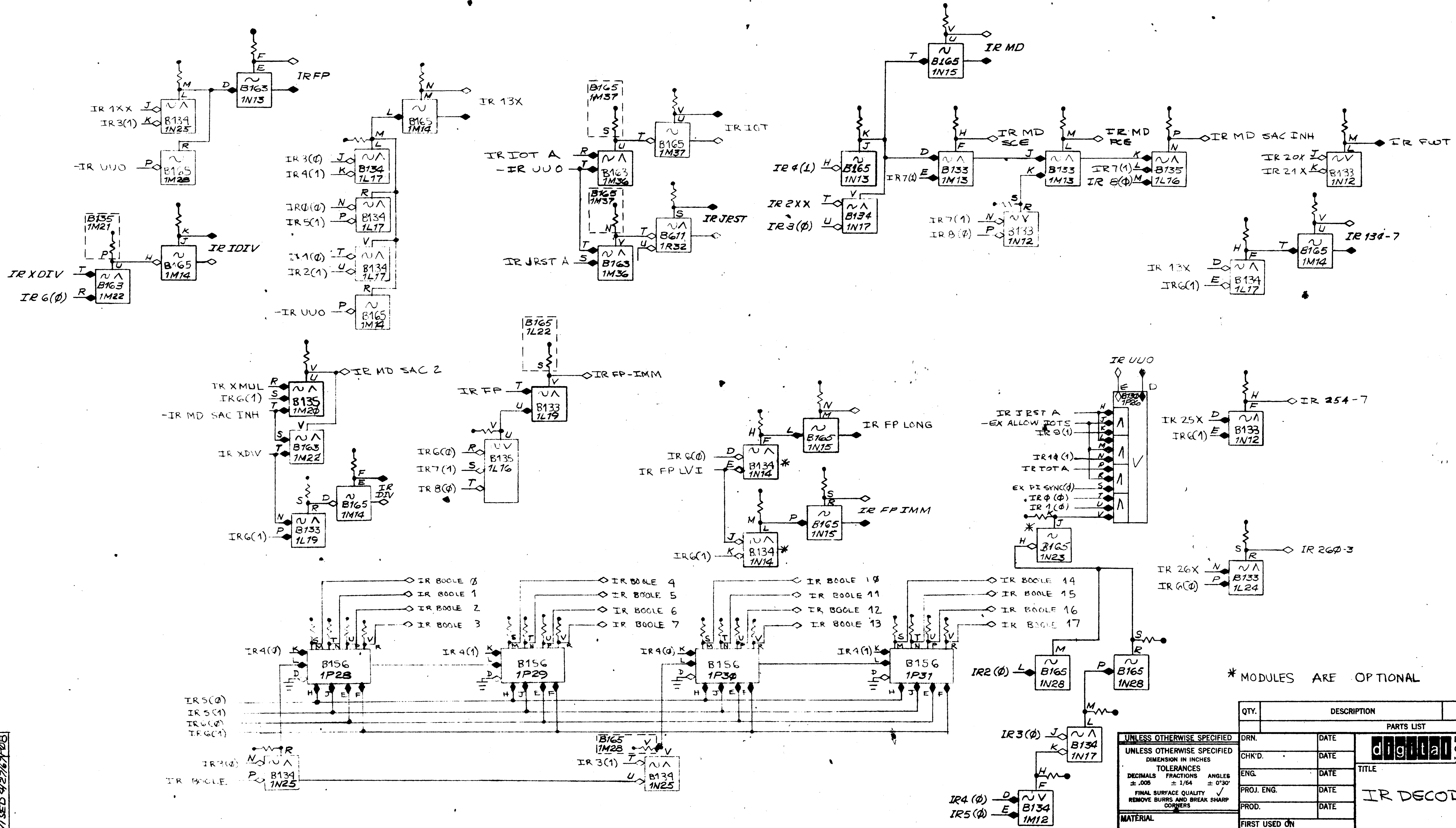
REV.	NO.	DATE
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2	1	

REVISIONS	CHANGE NO.	DATE
1	1	12-15-65
2	1	

CHK	WIRE LISTED	2/23	FOG
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DO NOT SCALE DRAWING	DRN. <i>RAJ</i>	DATE 12-15-65	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	CHK'D.	DATE	DATE	
TOLERANCES	ENG.	DATE	DATE	
DECIMALS FRACTIONS ANGLES ± .005 ± 1/64 ± 0°30' FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	PROJ. ENG.	DATE	DATE	
MATERIAL	PROD.	DATE	DATE	TITLE IR DECODING
FINISH	FIRST USED ON	SCALE	CODE	SIZE
		SHEET	BS D	NUMBER
		OF	DIST.	IR1
				REV. <i>FOG</i>

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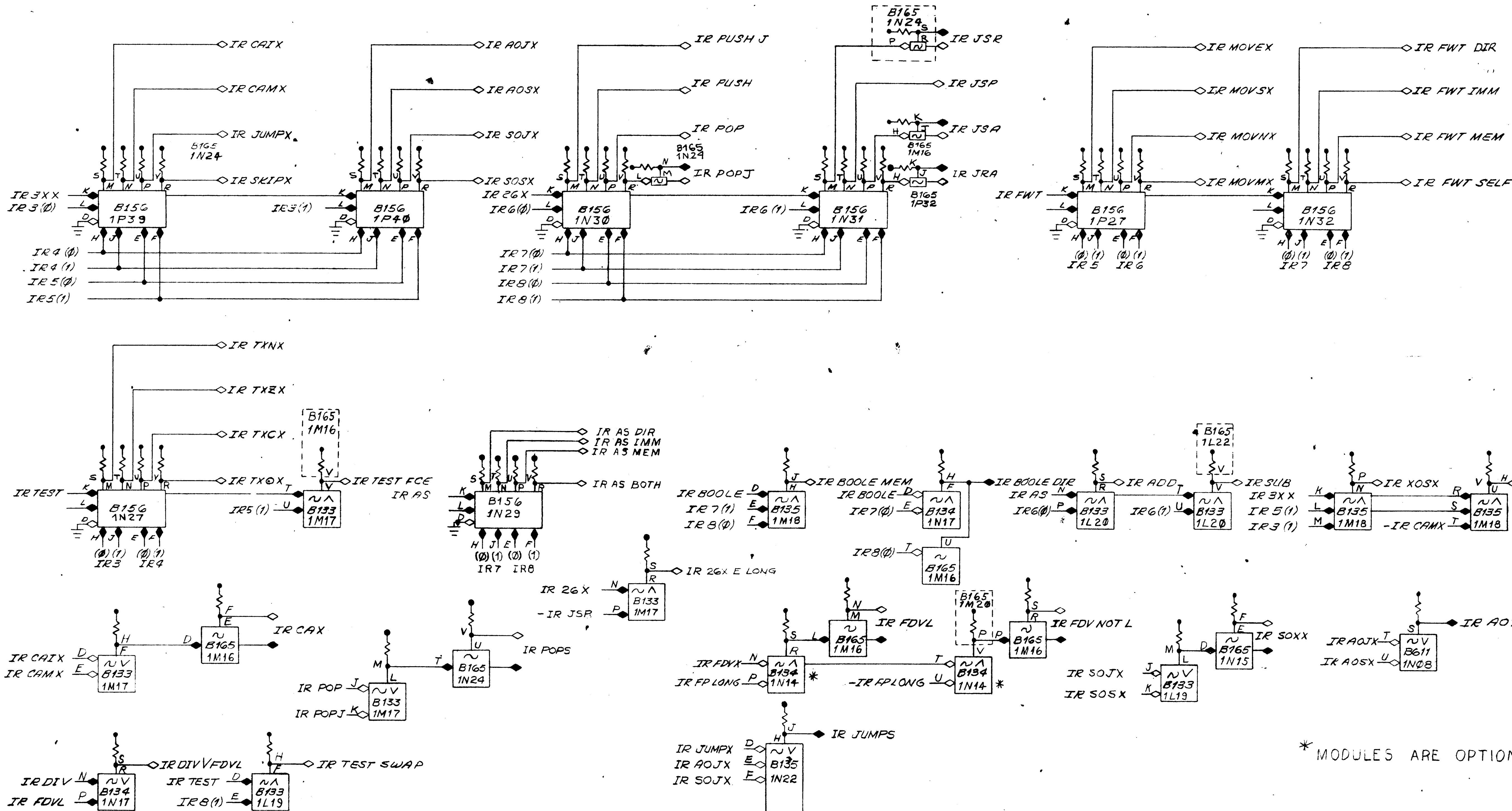
* MODULES ARE OPTIONAL

REV	DATE	BY
1	2/23/67	POB
2	4/27/67	POB

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
DRN.	DATE	TITLE	
CHK'D.	DATE	IR DECODING	
ENG.	DATE		
PROJ. ENG.	DATE		
PROD.	DATE		
FIRST USED ON			
SCALE		SIZE CODE	NUMBER
SHEET OF		D 85	IR2 P08
MATERIAL			
FINISH			

UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES
DECIMALS FRACTIONS ANGLES
±.005 ± 1/64 ± 0°30'
FINAL SURFACE QUALITY
REMOVE BURRS AND BREAK SHARP
CORNERS

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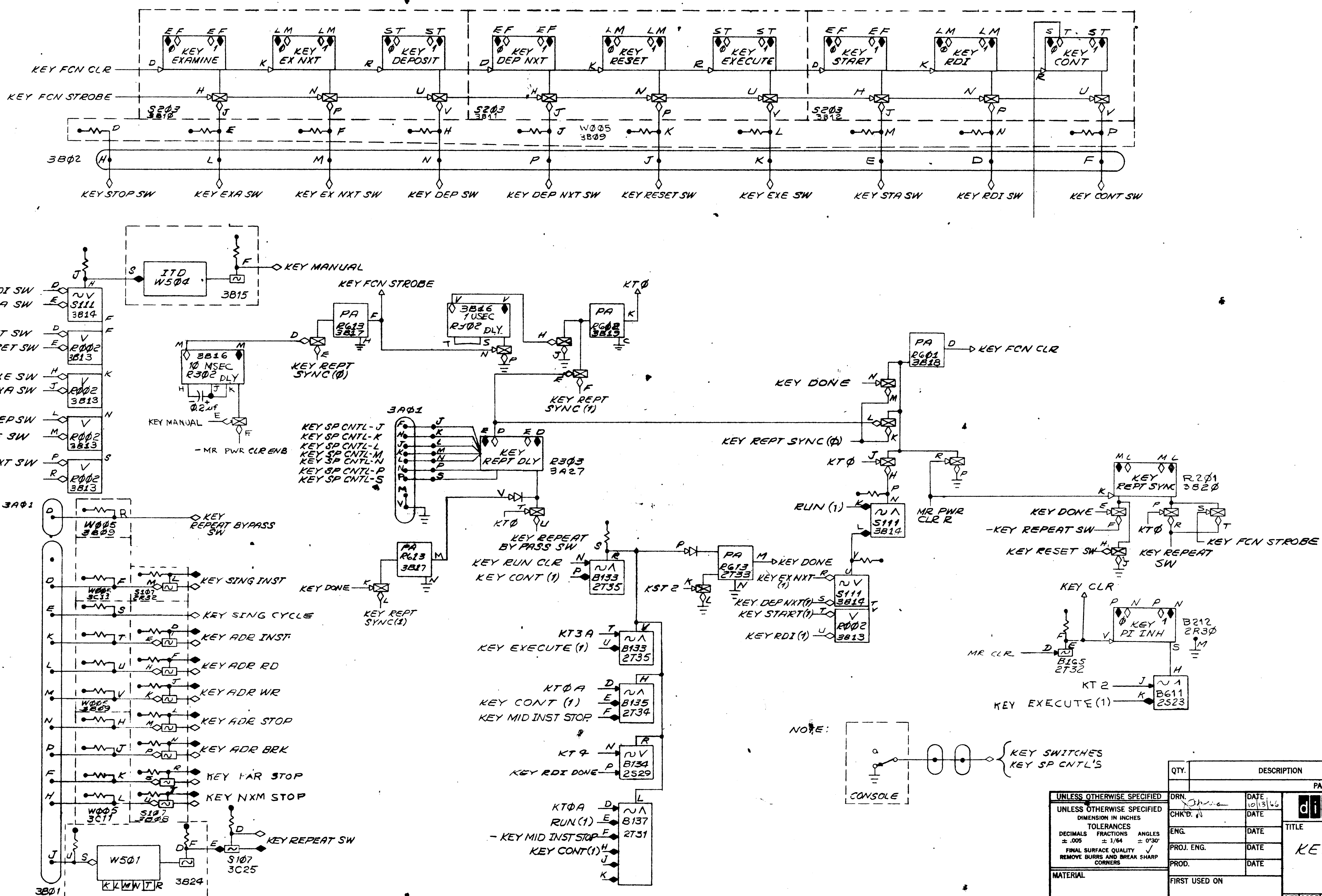


* MODULES ARE OPTIONAL

REV.	CHANGE NO.	DATE
1	1	1/2/65
2	2	2/1/65
3	3	3/1/67

UNLESS OTHERWISE SPECIFIED	DRN	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS
UNLESS OTHERWISE SPECIFIED	CHK'D	DATE	
TOLERANCES	ENG.	DATE	
DECIMALS FRACTIONS ANGLES	PROJ. ENG.	DATE	
± .005 ± 1/64 ± 0°30'	PROD.	DATE	TITLE IR DECODING
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	FIRST USED ON		SIZE CODE D B5
MATERIAL	SCALE	SHEET	NUMBER IR3
FINISH	OF	DIST.	REV. P44

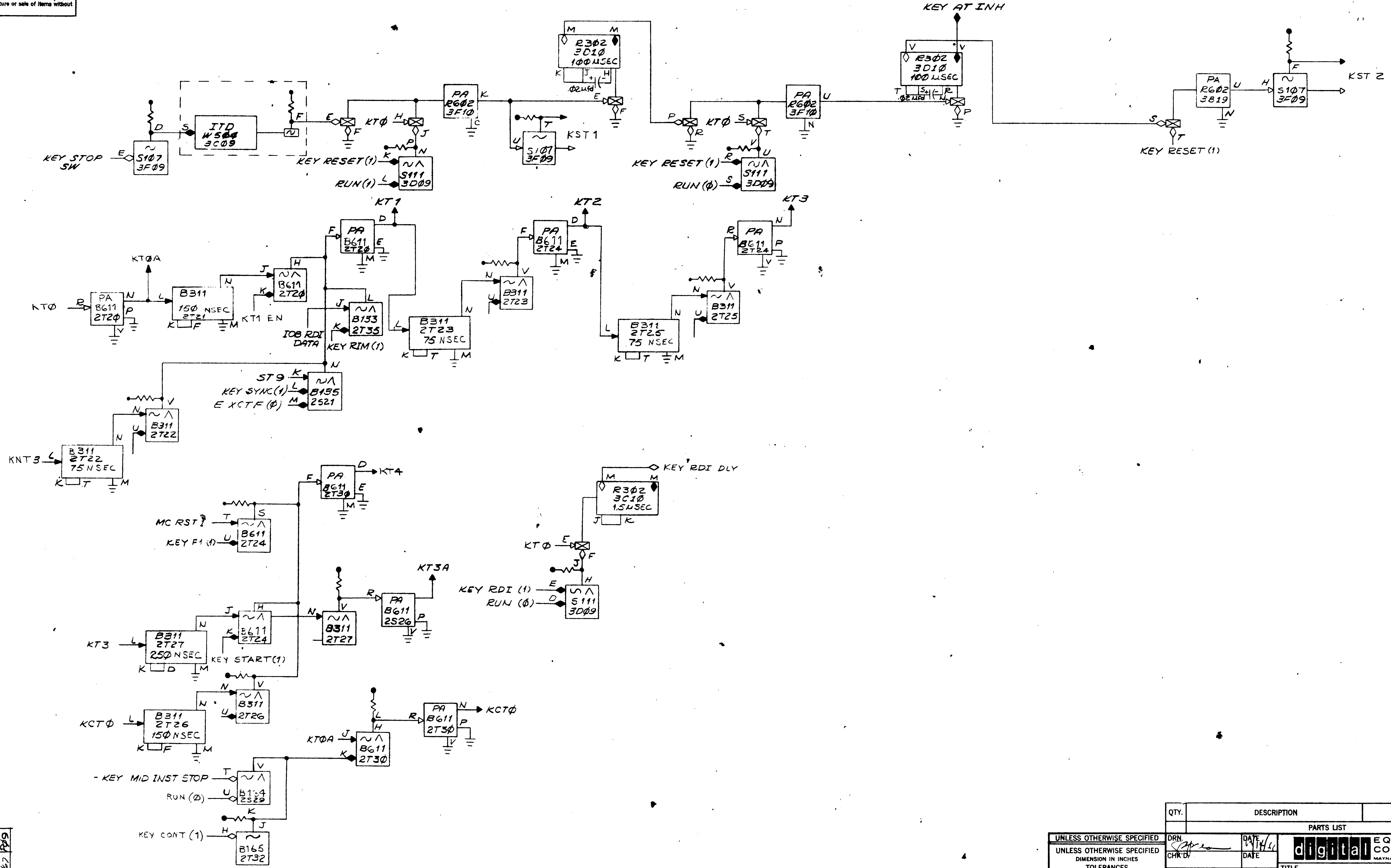
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REV.	CHANGE NO.	DATE
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2	REVISED 3/19/67	
3	REVISED 3/17/67	
4	REVISED 3/23/67	

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
TITLE KEY AND SWITCHES CONTROLS			
UNLESS OTHERWISE SPECIFIED		DRN. <i>Shaw</i>	DATE 10/13/66
UNLESS OTHERWISE SPECIFIED		CHK'D. <i>Shaw</i>	DATE
DIMENSION IN INCHES		ENG.	DATE
TOLERANCES		PROJ. ENG.	DATE
DECIMALS ± .005		PROD.	DATE
FRACTIONS ± 1/64		FIRST USED ON	
ANGLES ± 0°30'		SCALE	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS		SHEET OF	
MATERIAL	FINISH	SIZE CODE	NUMBER
		D BS	KEY 1
			REV. P11

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REV.	CHANGE NO.	DATE
1	WIRE LISTED 2/23/65	FD/65
2	REVISED 3/13/67	FD/67
3	REVISED 3/17/67	FD/67
4	REVISED 4/3/67	FD/67
5	REVISED 4/16/67	FD/67

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED	DRN	DATE	
UNLESS OTHERWISE SPECIFIED	CHK'D	DATE	
DIMENSION IN INCHES	ENG.	DATE	
TOLERANCES	PROJ. ENG.	DATE	
DECIMALS FRACTIONS ANGLES	PROD.	DATE	
± .005 ± 1/64 ± 0°30'			
FINAL SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL	FIRST USED ON		
FINISH	SCALE		
	SHEET OF		

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

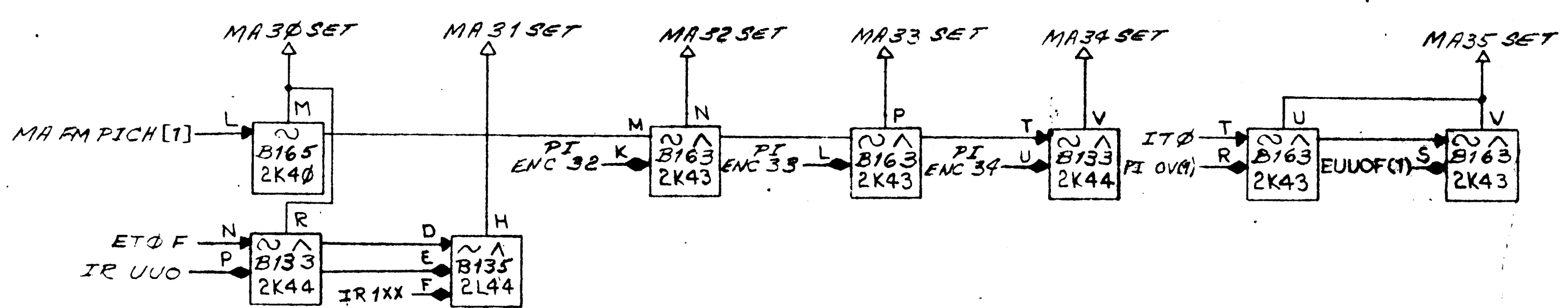
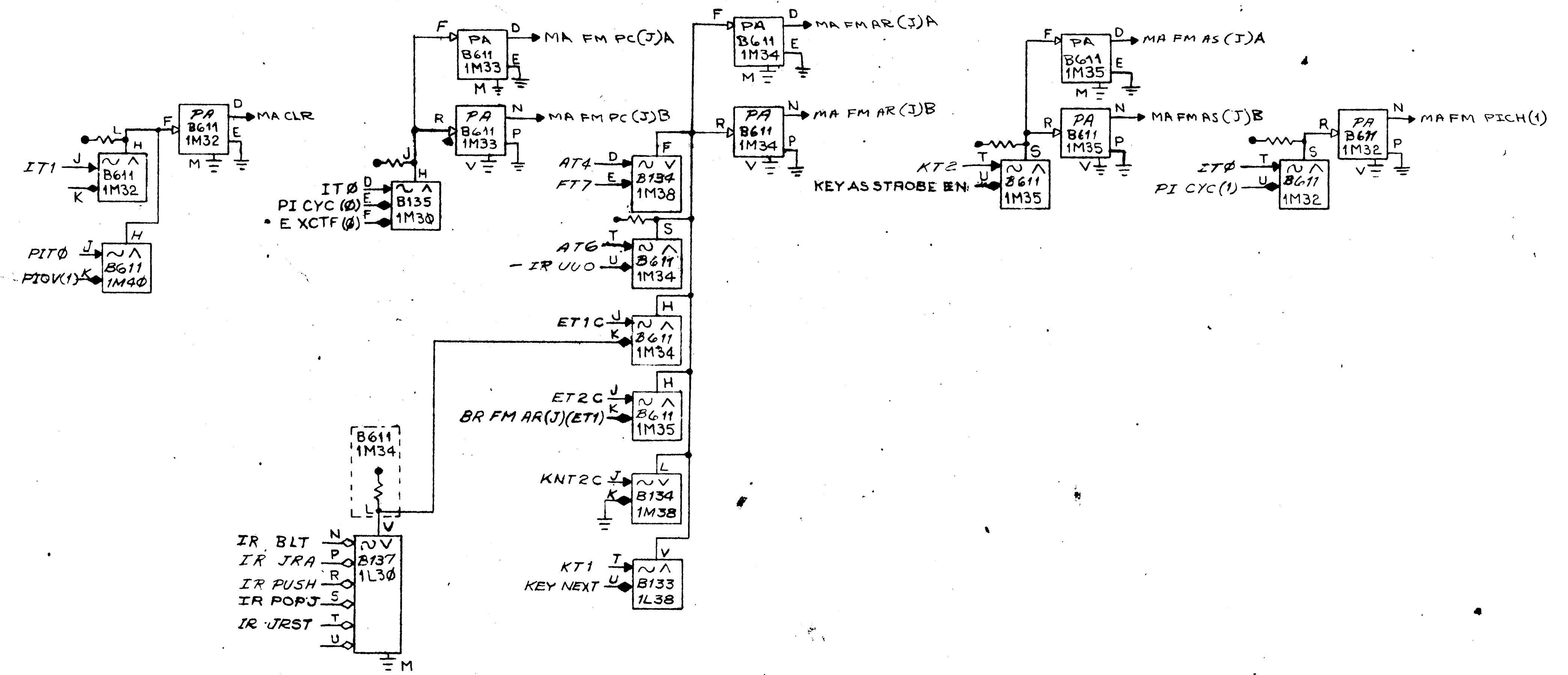
TITLE
KEYS AND SWITCHES CONTROLS

SIZE CODE
D

NUMBER
KEY 2

REV.
P09

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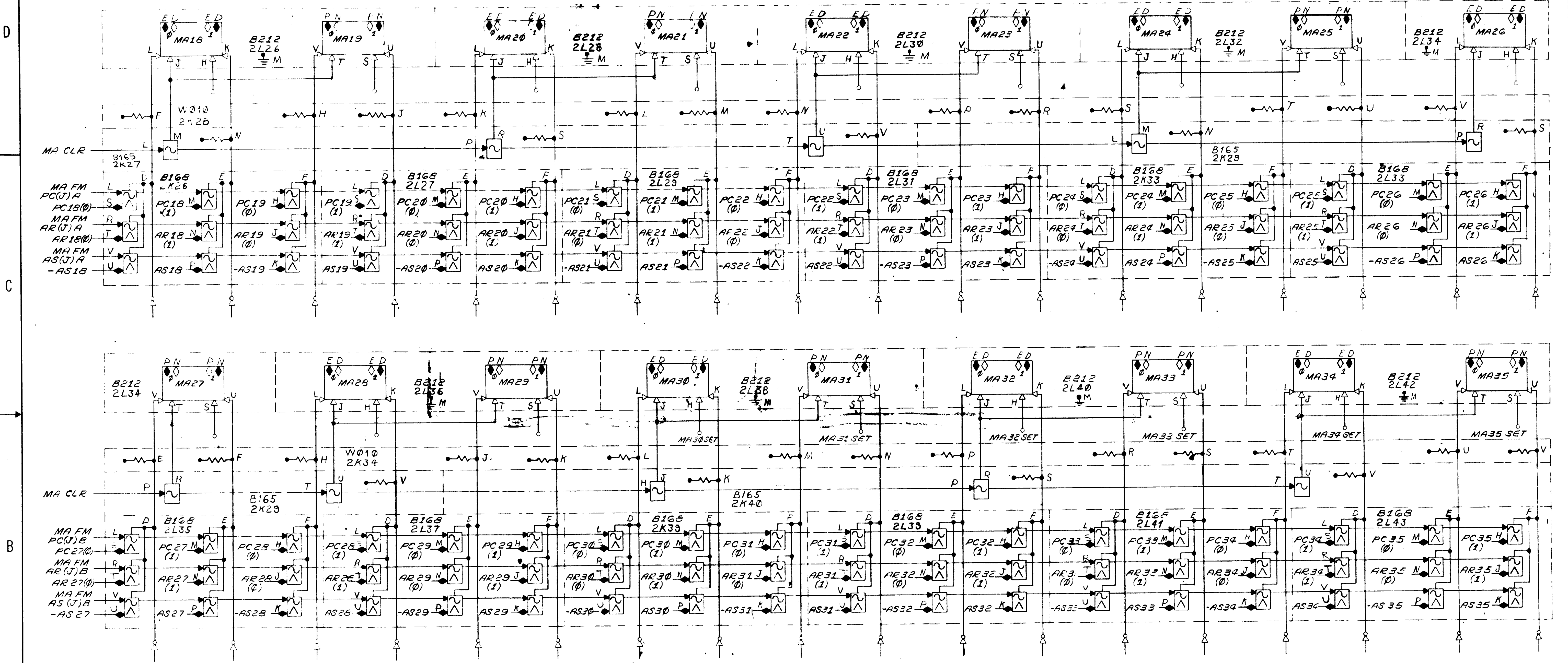
DO NOT SCALE DRAWING	UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	TOLERANCES DECIMALS FRACTIONS ANGLES ± .005 ± 1/64 ± 0°30'	FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS
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QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN.	GB	DATE	1/17/65
CHK'D.		DATE	
ENG.		DATE	
PROJ. ENG.		DATE	
PROD.		DATE	
FIRST USED ON			
SCALE	BS	NUMBER	D-168-0-MA1
SHEET	OF	DIST.	

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE
MA CONTROL

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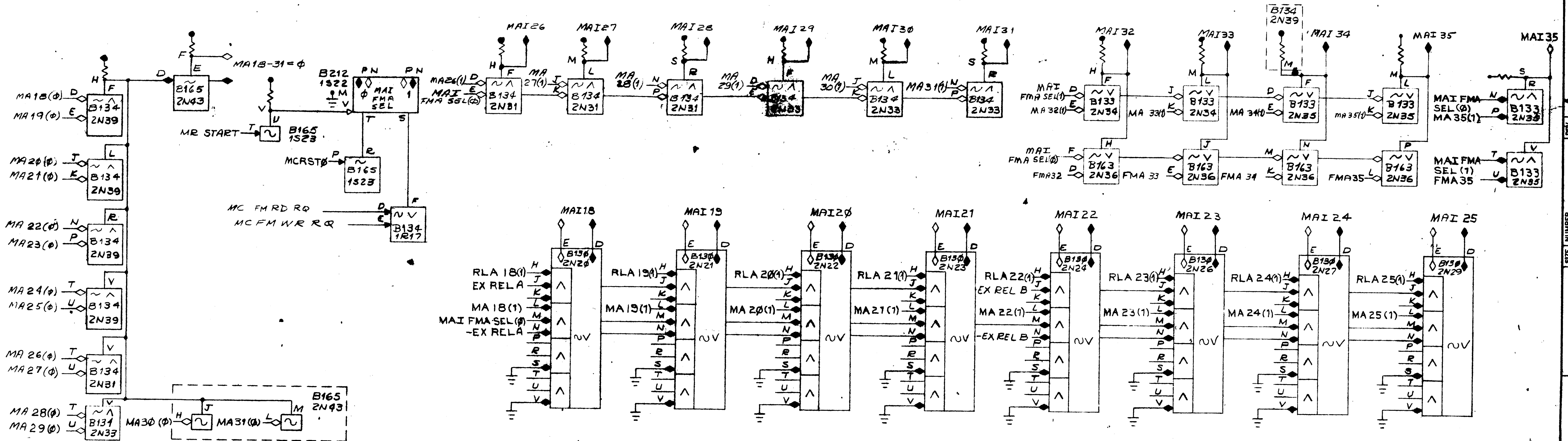
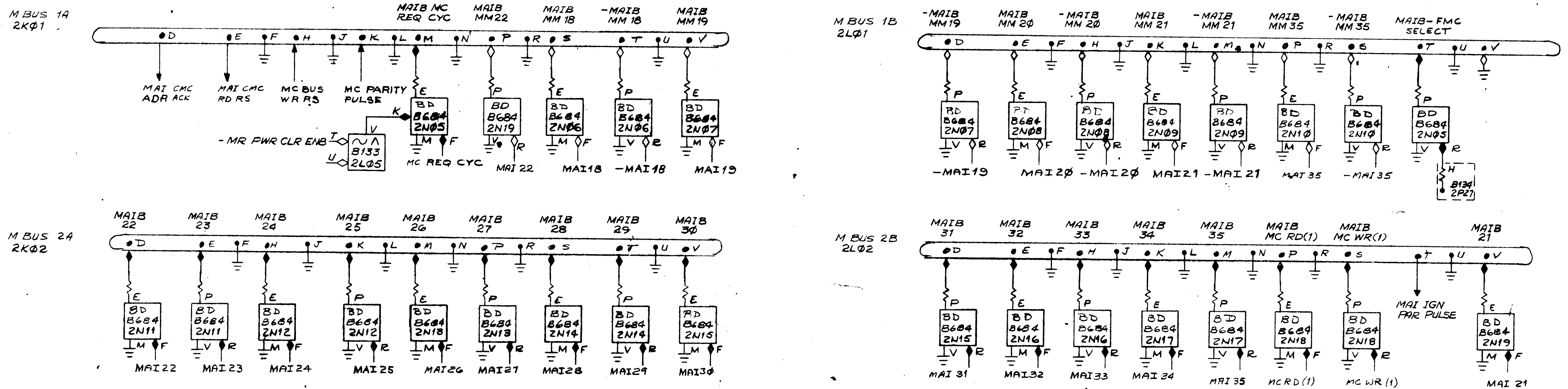


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2	1-17-61
3	1-17-61
4	1-17-61
5	1-17-61
6	1-17-61
7	1-17-61
8	1-17-61
9	1-17-61
10	1-17-61

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
±.005	±.005	±.030	
FINAL SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL		FIRST USED ON	
FINISH		SCALE	
		SHEET OF	
		SIZE/CODE	NUMBER
		D B5	MA2 P16
		DIST.	REV.
			P16

digital EQUIPMENT CORPORATION
 TITLE
MA REGISTER

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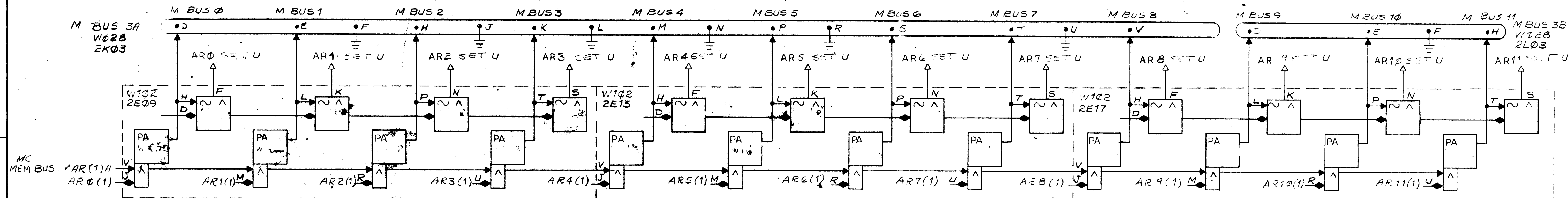


REV.	CHANGE NO.	DATE	BY
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4	1		
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7	1		
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9	1		
10	1		

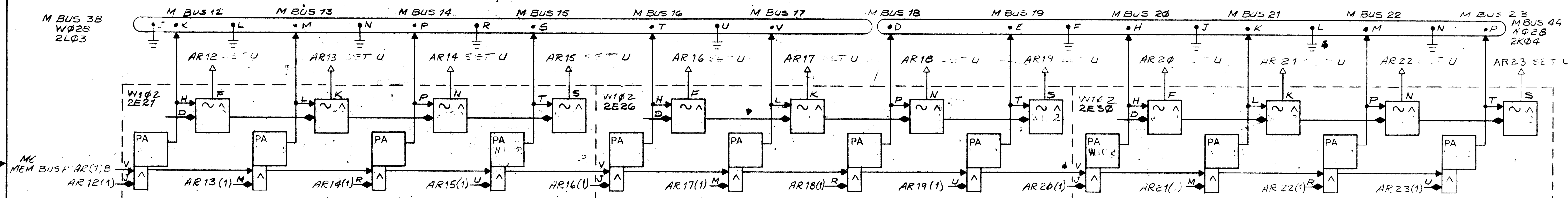
QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
TITLE MEMORY ADDRESS INTERFACE			
CODE SIZE NUMBER REV. BS D MAI P1A			
SCALE OF DIST.			

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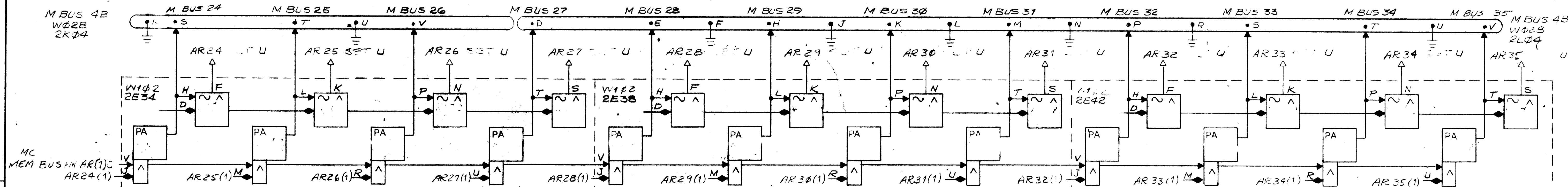
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REV	2
CHG	1
CHK	

NOTE:
W028 MEM. BUS CABLE PIN C, F, J, L, N, R, U WILL BE GROUNDED

DO NOT SCALE DRAWING	DRN. <i>[Signature]</i>	DATE 12-19-65
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	CHK'D. <i>[Signature]</i>	DATE
TOLERANCES	ENG.	DATE
DECIMALS FRACTIONS ANGLES	PROJ. ENG.	DATE
± .005 ± 1/64 ± 0°30'	PROD.	DATE
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	MATERIAL	FIRST USED ON
FINISH	SCALE	SHEET OF

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
TITLE MEMORY BUS DATA INTERFACE			
CODE	SIZE	NUMBER	REV.
BS	D	-168-0-MBDI	205
DIST.			

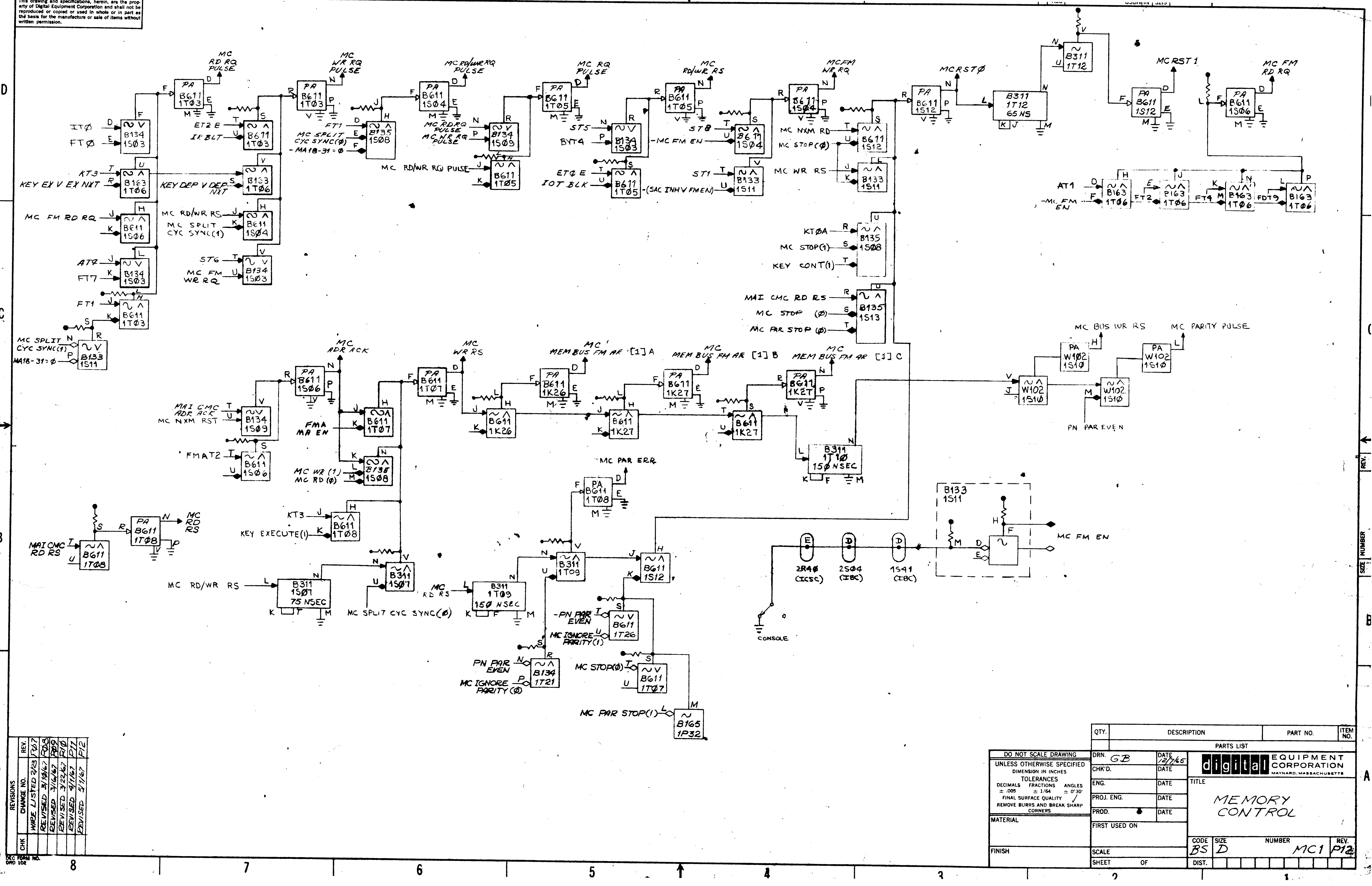
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REV.	CHANGE NO.	DESCRIPTION
1	1	REVISED 3/10/67
2	2	REVISED 3/10/67
3	3	REVISED 3/10/67
4	4	REVISED 3/10/67
5	5	REVISED 3/10/67
6	6	REVISED 3/10/67
7	7	REVISED 3/10/67
8	8	REVISED 3/10/67

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
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.	GB	DATE	12/7/65
CHK'D.		DATE	
ENG.		DATE	
PROJ. ENG.		DATE	
PROD.		DATE	
digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
MEMORY CONTROL			
MATERIAL		FIRST USED ON	
FINISH		SCALE	BS D
SHEET		OF	8
CODE	SIZE	NUMBER	REV.
BS	D	MC1	P12

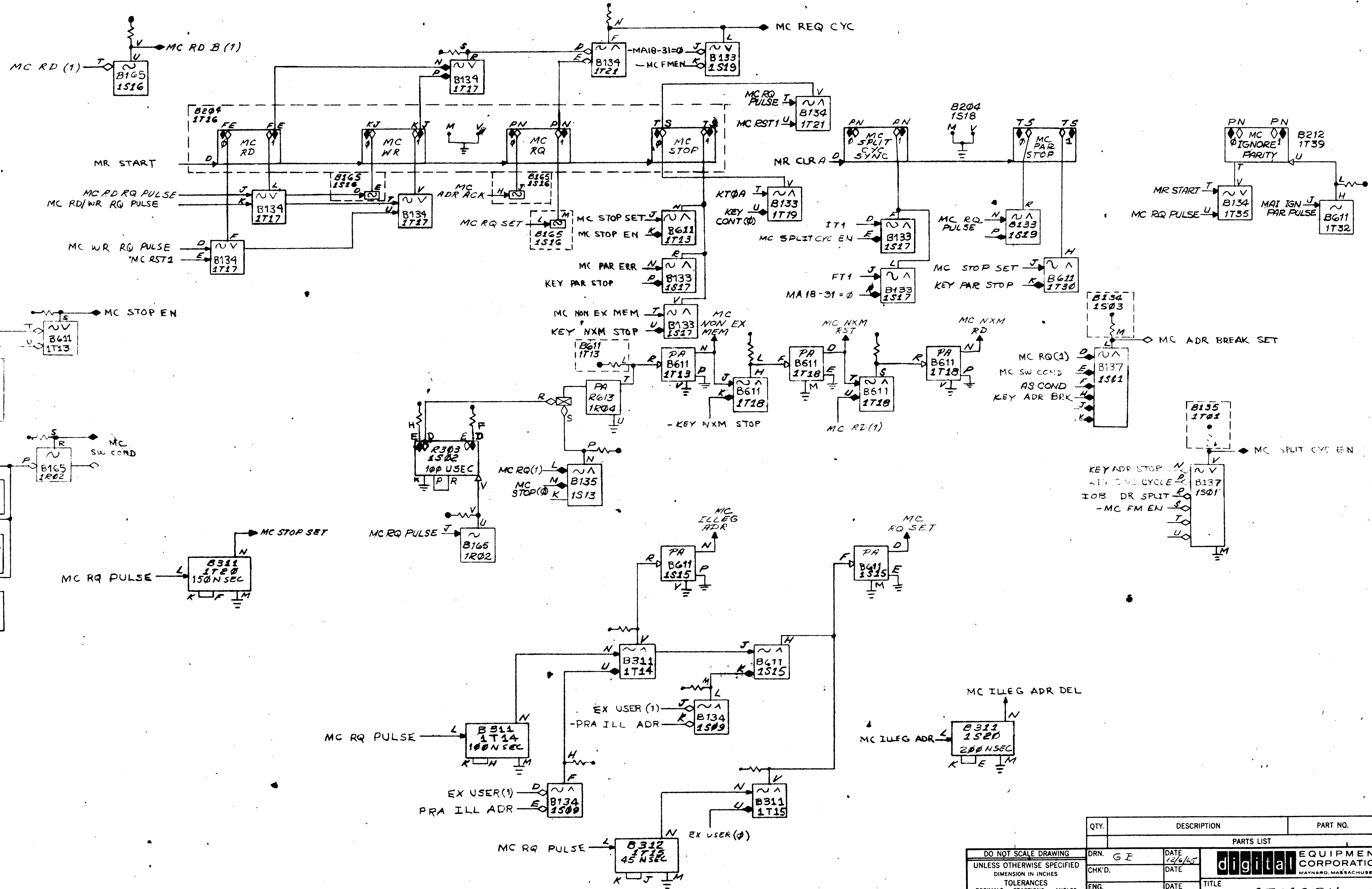
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D

C

B

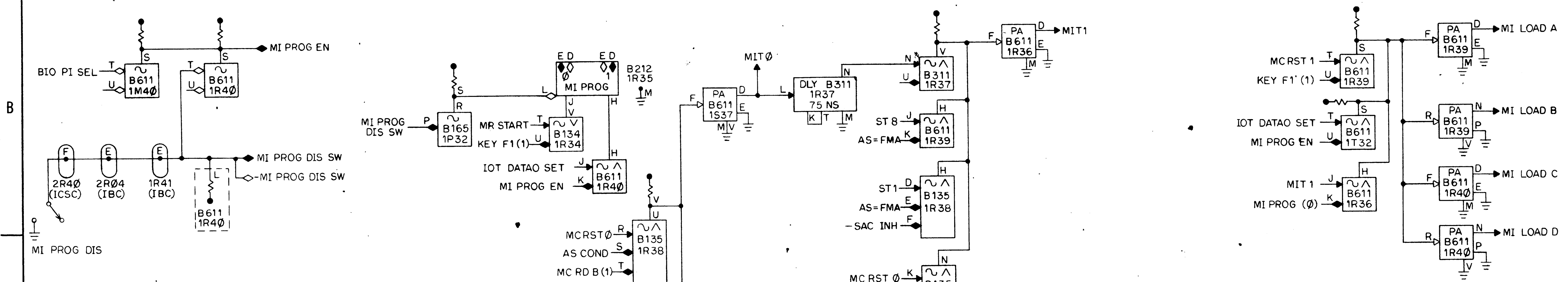
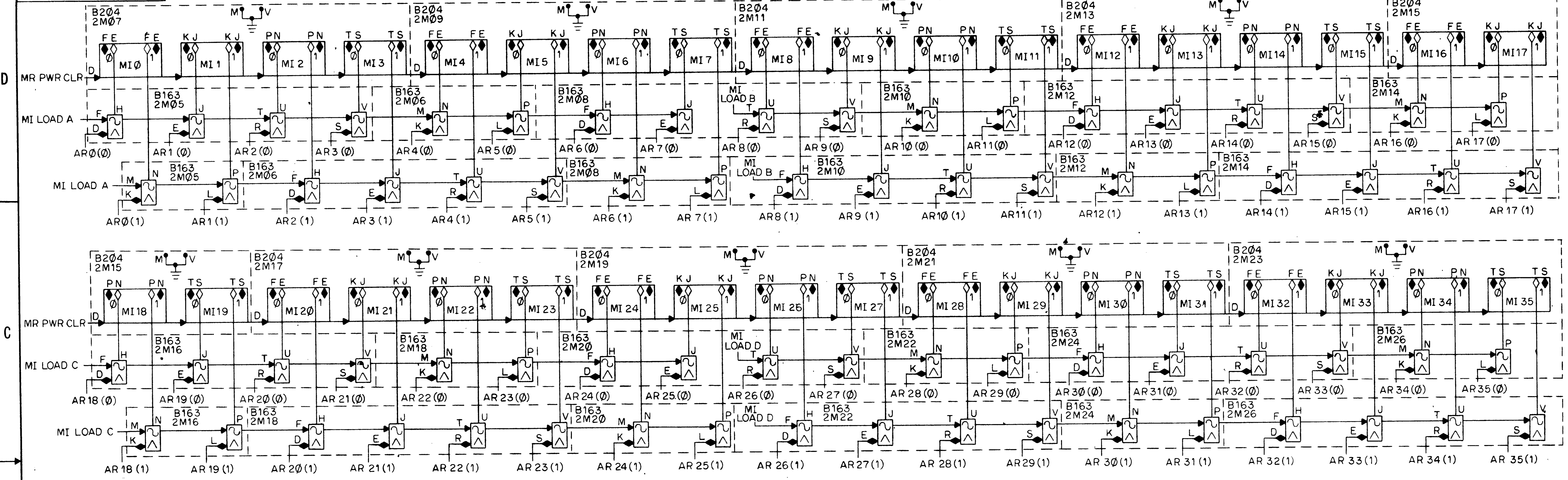
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REV.	CHANGE NO.	DATE
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2	3/10/67	P18
3	3/23/67	P19
4	4/11/67	P20
5	5/1/67	P21
6	5/16/67	P22

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
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. G E	DATE 12/6/65	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS TITLE <h2 style="text-align: center;">MEMORY CONTROL</h2>	
CHK'D.	DATE		
ENG.	DATE		
PROJ. ENG.	DATE		
PROD.	DATE		
FIRST USED ON		CODE BS D	SIZE D
SCALE		NUMBER -MC2	REV. P18
SHEET	OF	DIST.	

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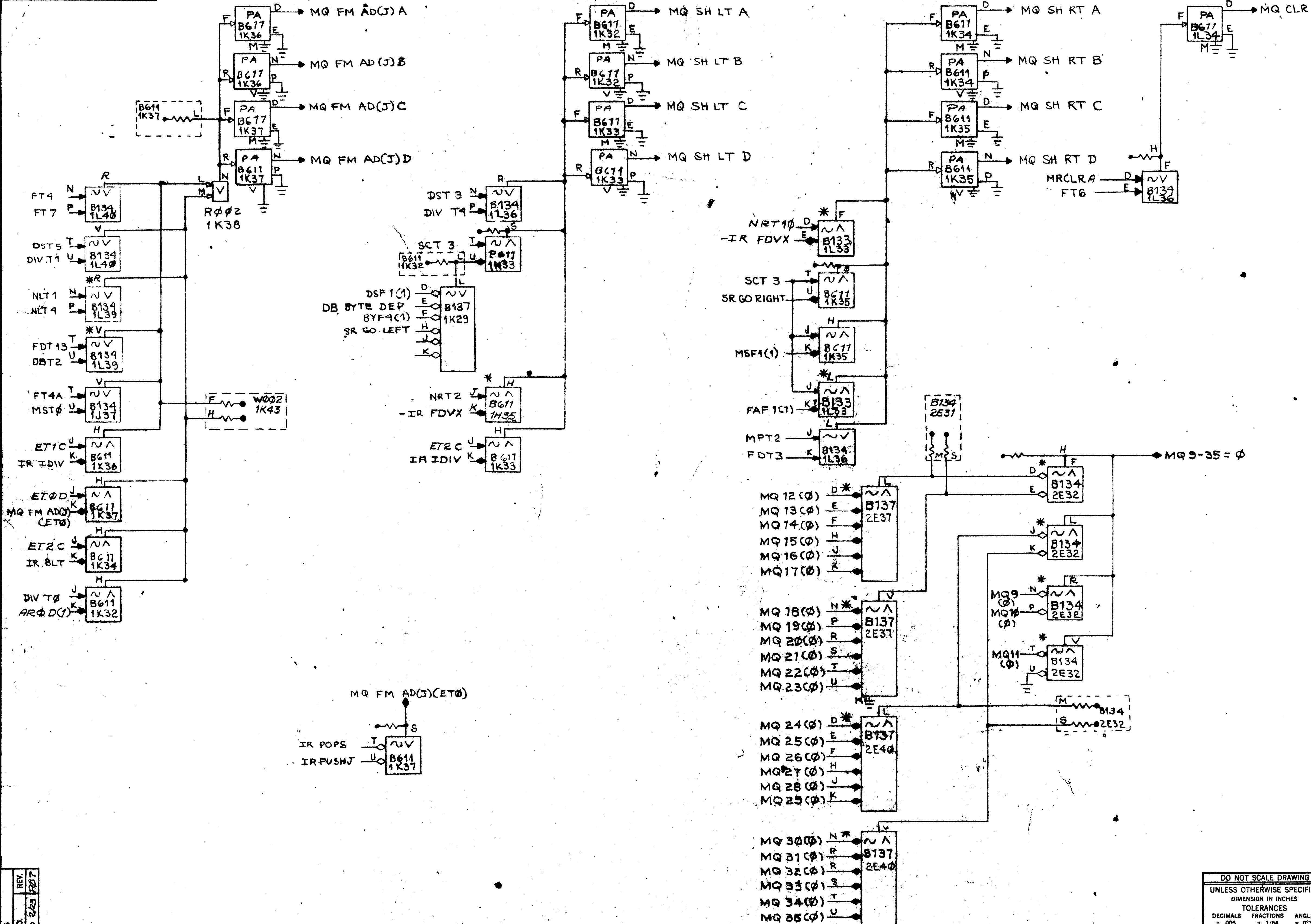
REV.	CHG. NO.	DATE
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2	4/67	4/67

REVISIONS
 REDRAWN 3/50
 REVISED 4/67

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN. <i>Stephenson</i> DATE 3/30/67 CHK'D. <i>J.P.S.</i> DATE 3/31/67 ENG. DATE PROJ. ENG. DATE PROD. DATE			
digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
MEMORY INDICATOR			
FIRST USED ON		SIZE CODE	NUMBER
SCALE		D BS D	MI P10
SHEET OF		DIST.	REV.

UNLESS OTHERWISE SPECIFIED
 DIMENSION IN INCHES
 TOLERANCES
 DECIMALS FRACTIONS ANGLES
 ± .005 ± 1/64 ± 0°30'
 FINAL SURFACE QUALITY
 REMOVE BURRS AND BREAK SHARP CORNERS

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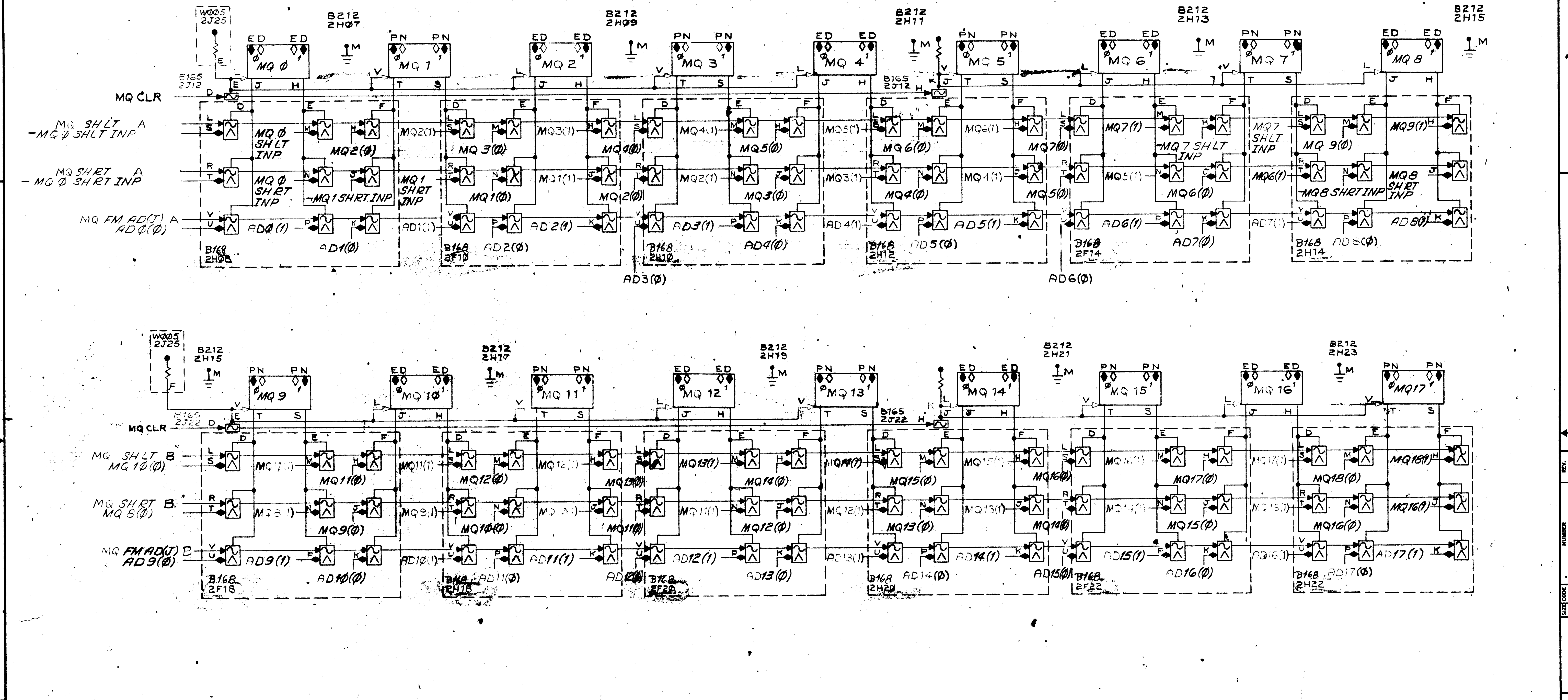
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CHK.	NO.	DATE	BY
1	1	11-2-66	...

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN.	DATE	digital CORPORATION MAYNARD, MASSACHUSETTS	
CHKD.	DATE		
ENG.	DATE	TITLE MQ CONTROL	
PROJ. ENG.	DATE		
PROD.	DATE		
FIRST USED ON			
SCALE		CODE	SIZE
SHEET OF		DIST.	NUMBER

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

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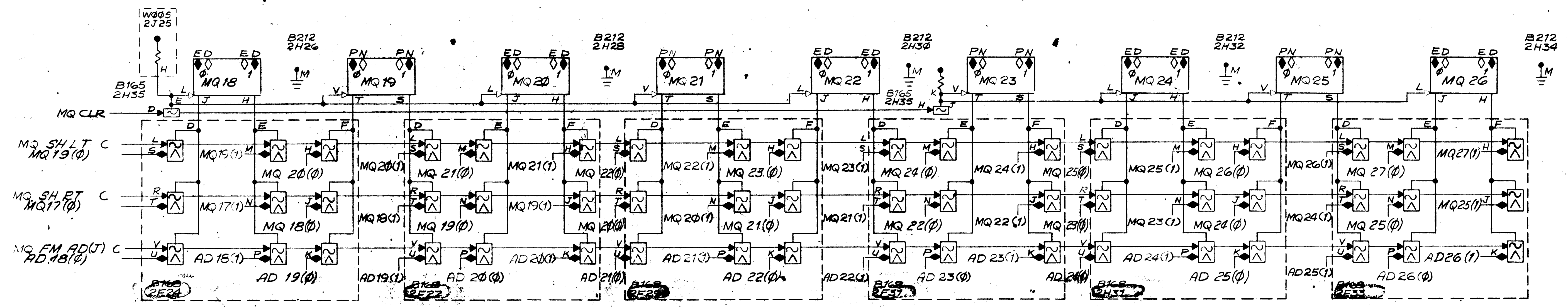


REVISIONS	CHANGE NO.	REV.
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2	2	2

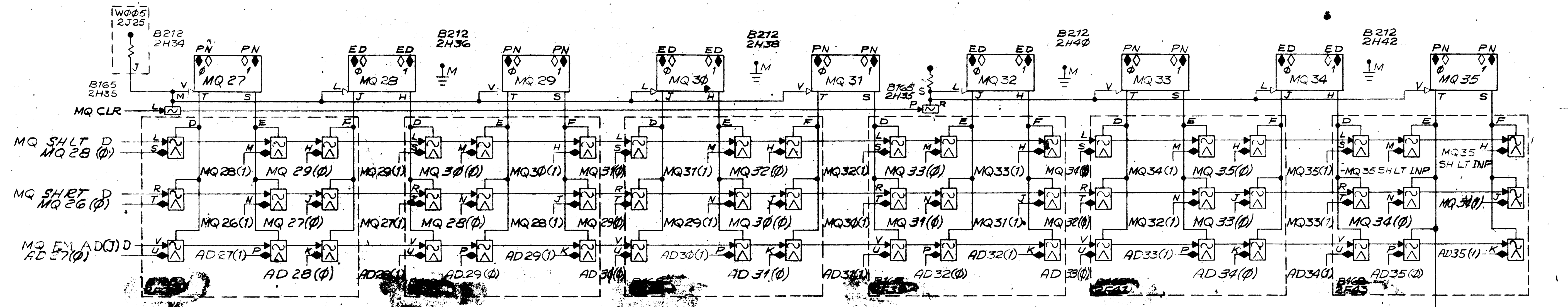
QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINAL SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
UNLESS OTHERWISE SPECIFIED			
DRN.	DATE	EQUIPMENT CORPORATION	
CHK'D.	DATE	MAYNARD, MASSACHUSETTS	
ENG.	DATE	TITLE	
PROJ. ENG.	DATE	MULTIPLIER QUOTIENT	
PROD.	DATE	(MQ 0-17)	
FIRST USED ON			
SCALE	OF	SIZE CODE	NUMBER
SHEET	OF	D BS	MQ 2
		DIST.	REV. P07

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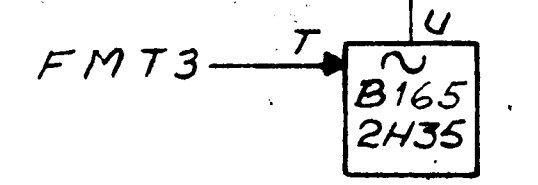
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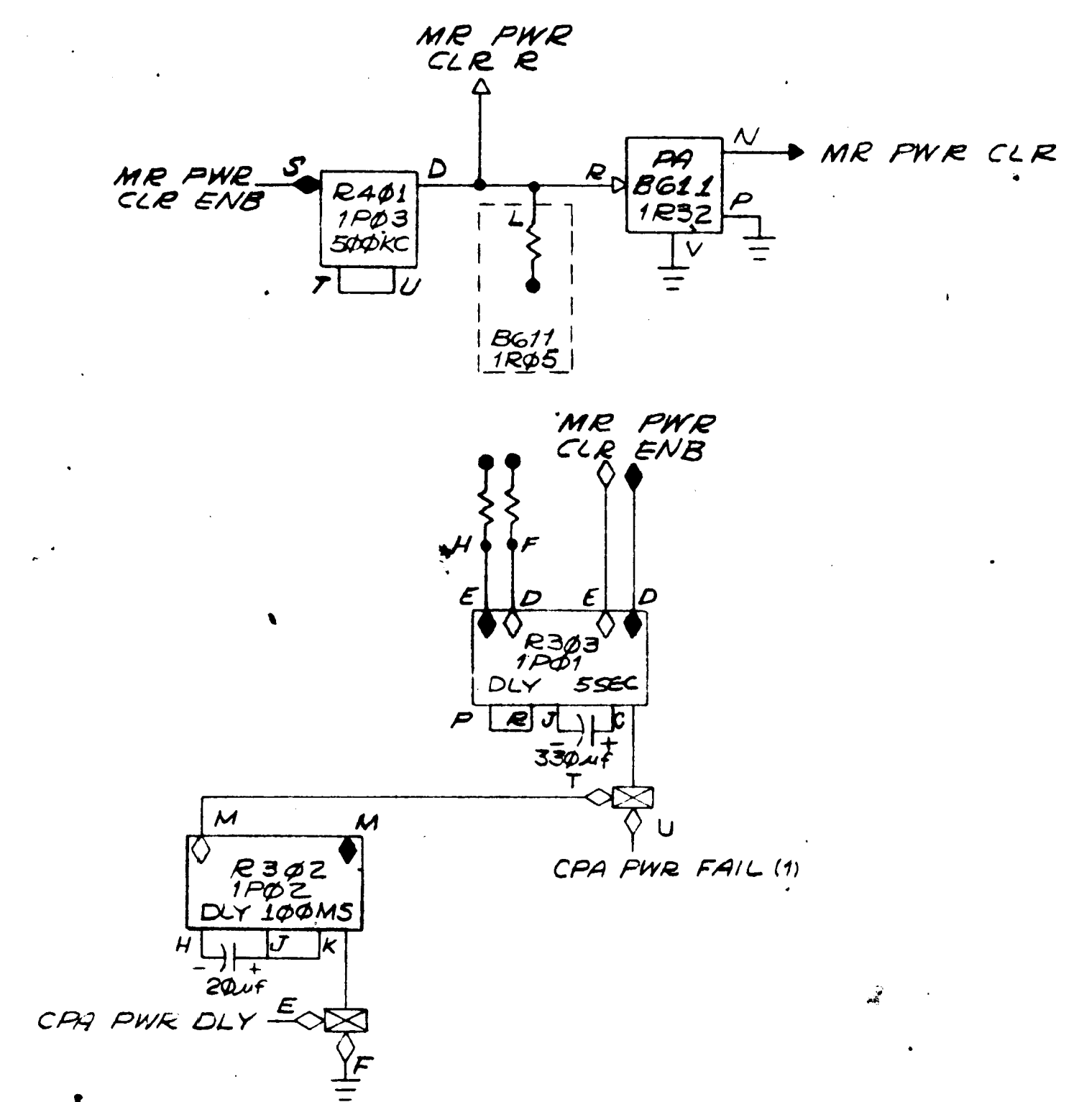
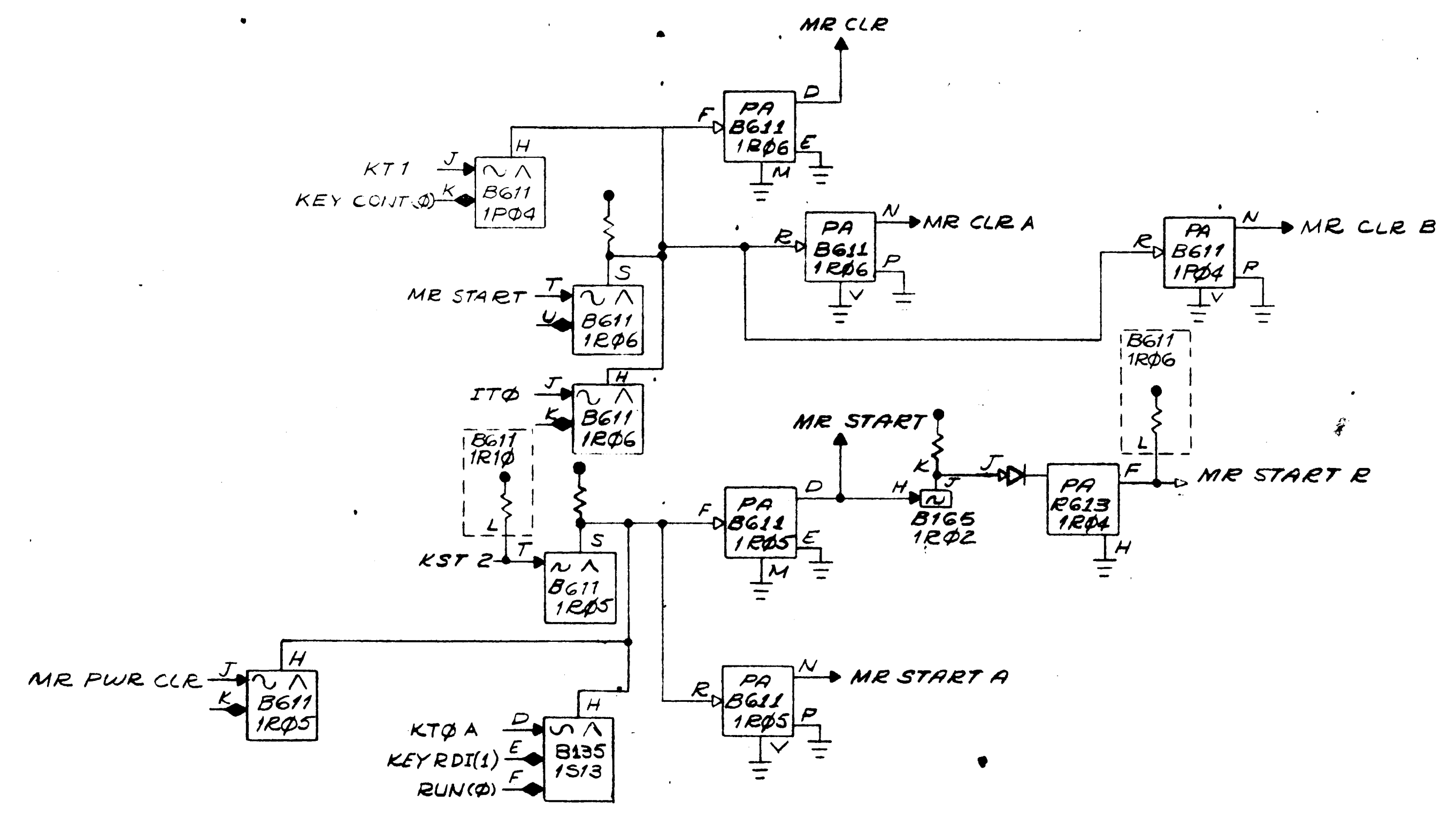
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REVISIONS	REV.	DATE
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CHK	WILE	2/23/67

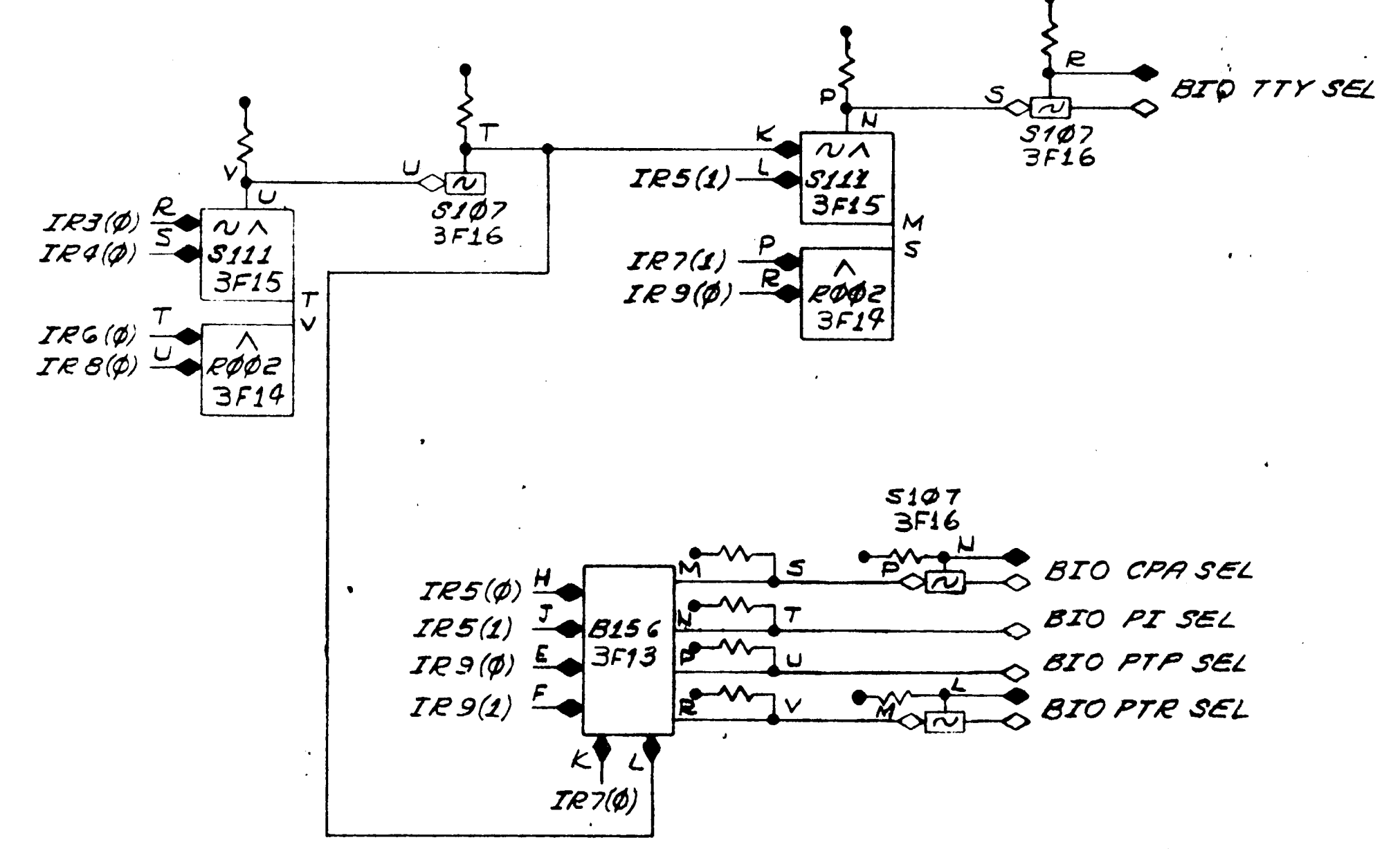
UNLESS OTHERWISE SPECIFIED	DRN.	DATE
DIMENSION IN INCHES	3/19/66	
TOLERANCES	CHK'D	DATE
DECIMALS ± .005	ENG.	DATE
FRACTIONS ± 1/64	PROJ. ENG.	DATE
ANGLES ± 0°30'	PROD.	DATE
FINAL SURFACE QUALITY		
REMOVE BURRS AND BREAK SHARP CORNERS		
MATERIAL	FIRST USED ON	
FINISH	SCALE	
	SHEET OF	

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN. <i>See Above</i>		DATE 3/19/66	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS
CHK'D		DATE	
ENG.		DATE	
PROJ. ENG.		DATE	
PROD.		DATE	TITLE
			MULTIPLIER QUOTIENT
			(MQ18-35)
SIZE CODE	NUMBER	REV.	
D BS	168-0-MQ3	P07	
DIST.			

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BASIC I/O CONTROL (BIO)



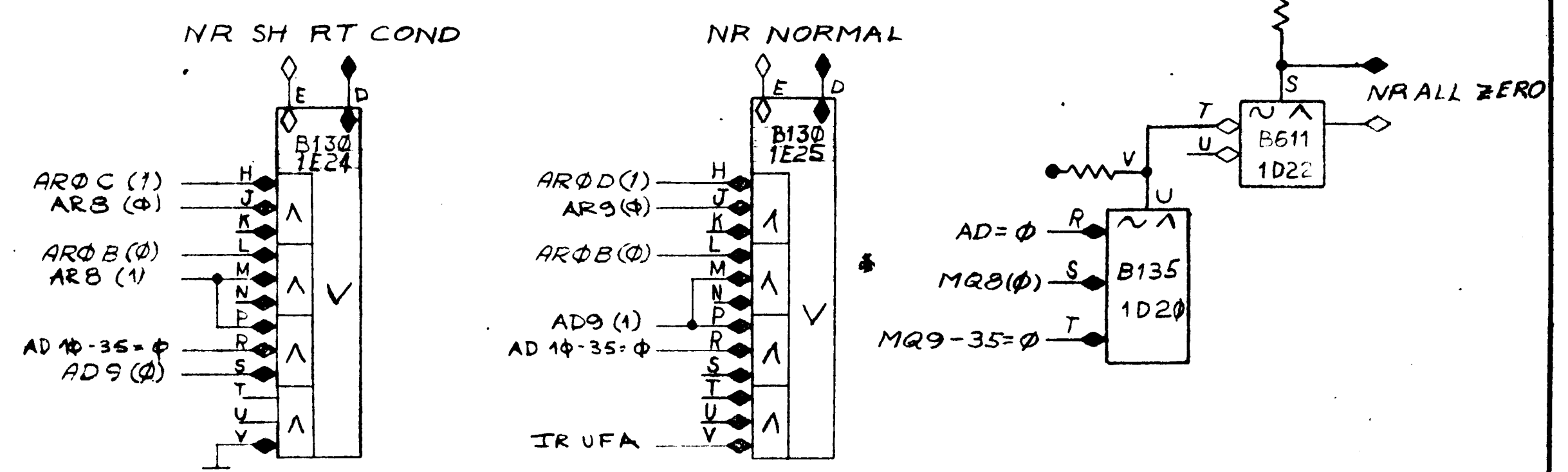
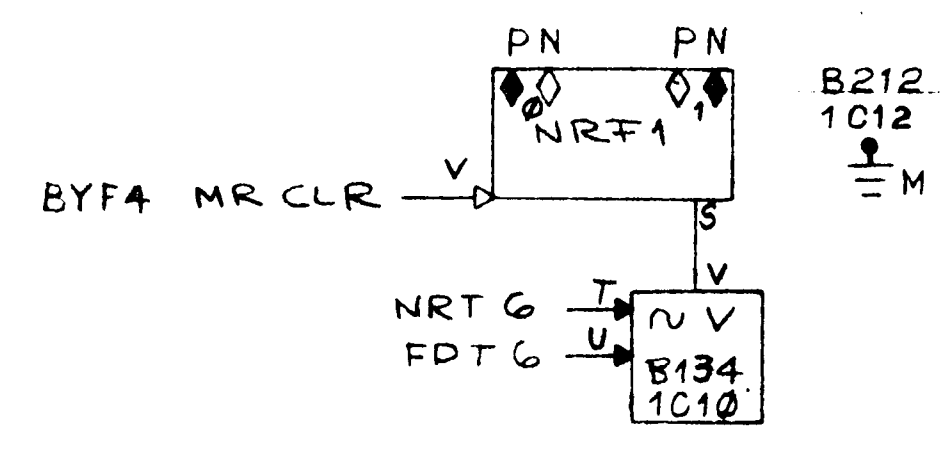
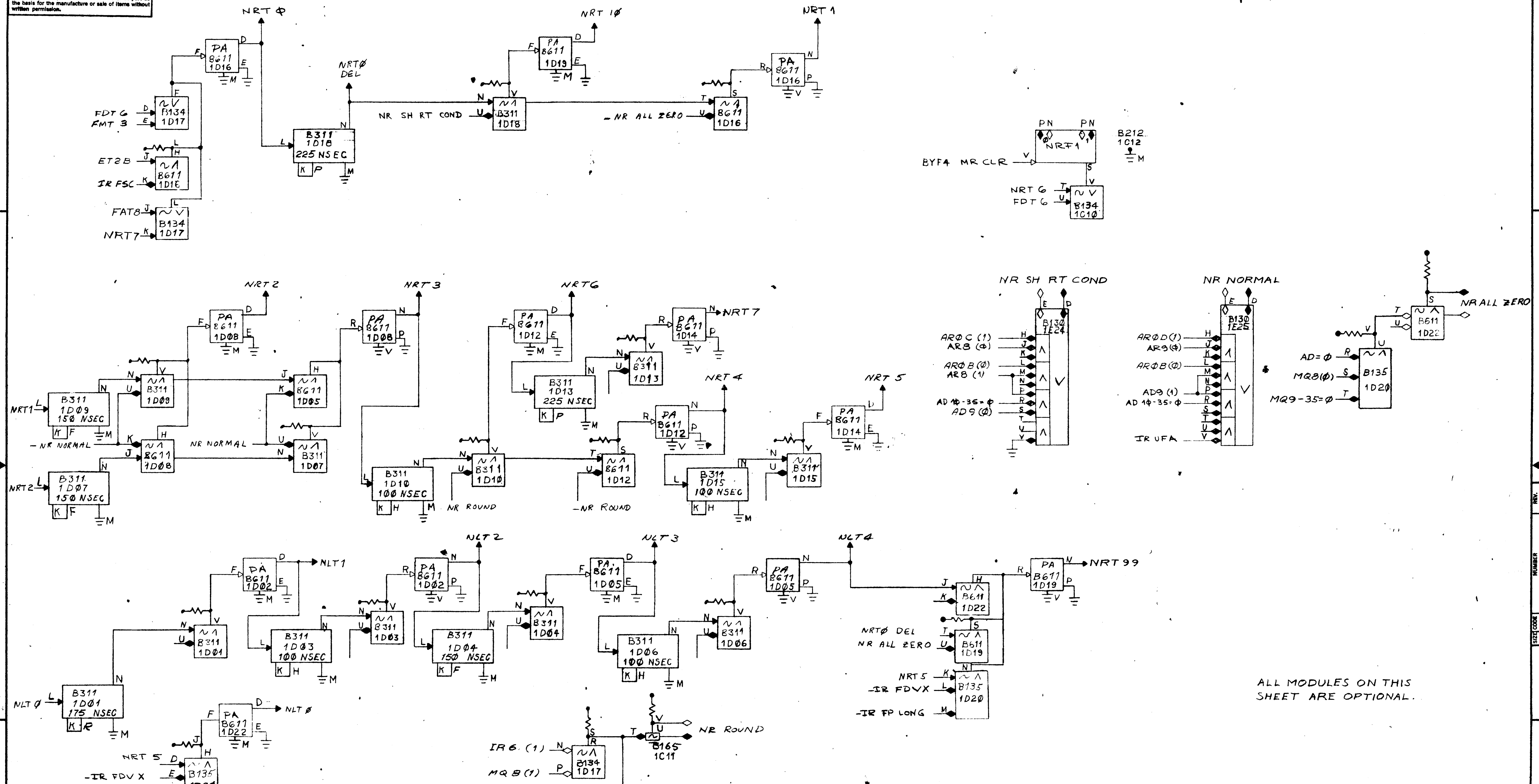
REV.	CHG.	NO.	DATE	BY
1	W	2/23	1966	...
2	R	3/9/67	1967	...
3	R	3/13/67	1967	...

UNLESS OTHERWISE SPECIFIED	DRN. DATE	DATE	DATE
UNLESS OTHERWISE SPECIFIED	CHK'D. DATE	DATE	DATE
TOLERANCES	ENG. DATE	DATE	DATE
DECIMALS ± .006	PROJ. ENG. DATE	DATE	DATE
FRACTIONS ± 1/64	PROD. DATE	DATE	DATE
ANGLES ± 0°30'			
FINAL SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL	FIRST USED ON		
FINISH	SCALE	SIZE CODE	NUMBER
	SHEET OF	D 85	MR 007

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE
MASTER CLEAR AND POWER CLEAR

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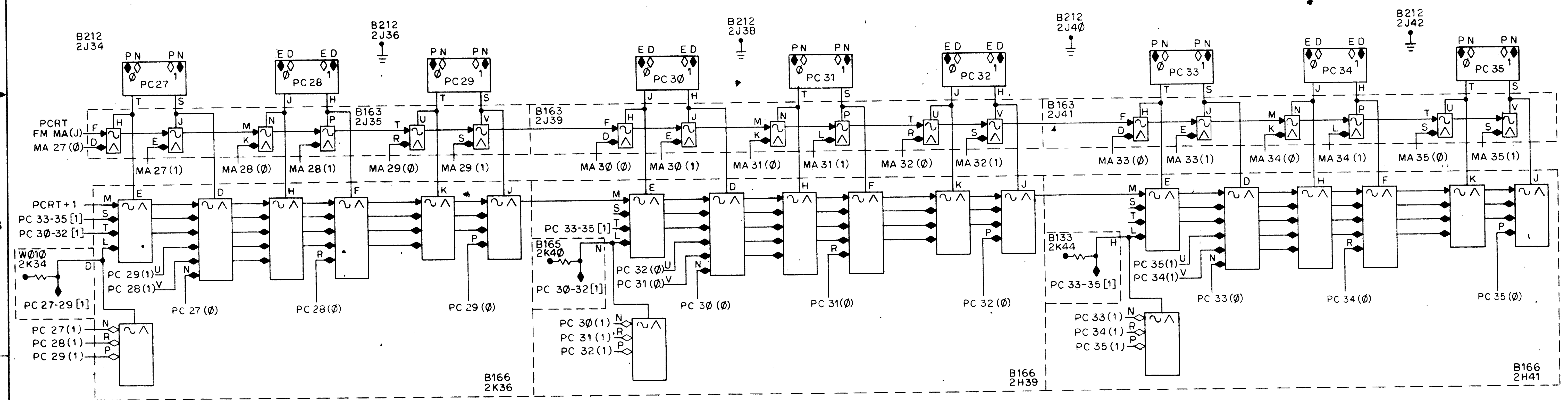
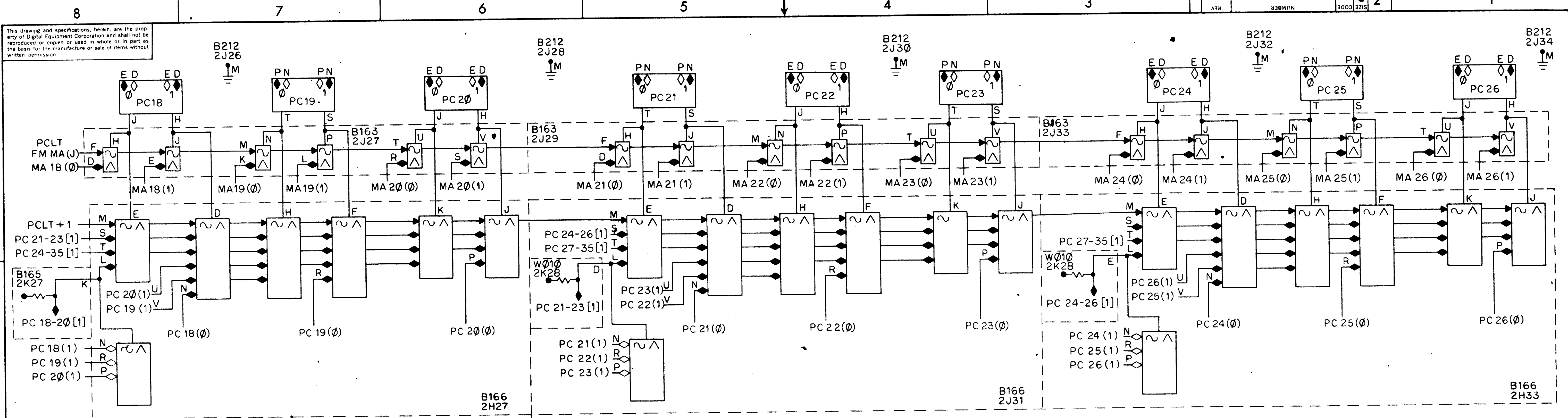


ALL MODULES ON THIS SHEET ARE OPTIONAL.

REV. NO.	REV. DATE
1	9/12/66
2	9/19/67
3	9/19/67

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DATE 9/12/66	
UNLESS OTHERWISE SPECIFIED		DATE	
DIMENSION IN INCHES		TOLERANCES	
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINAL SURFACE QUALITY		✓	
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL		FIRST USED ON	
FINISH		SCALE	
SHEET OF		SIZE CODE	
		NUMBER	
		REV.	
		D 85 168-0-NRNL 207	
		DIST.	

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
TITLE
NORMALIZE RETURN AND NR LONG

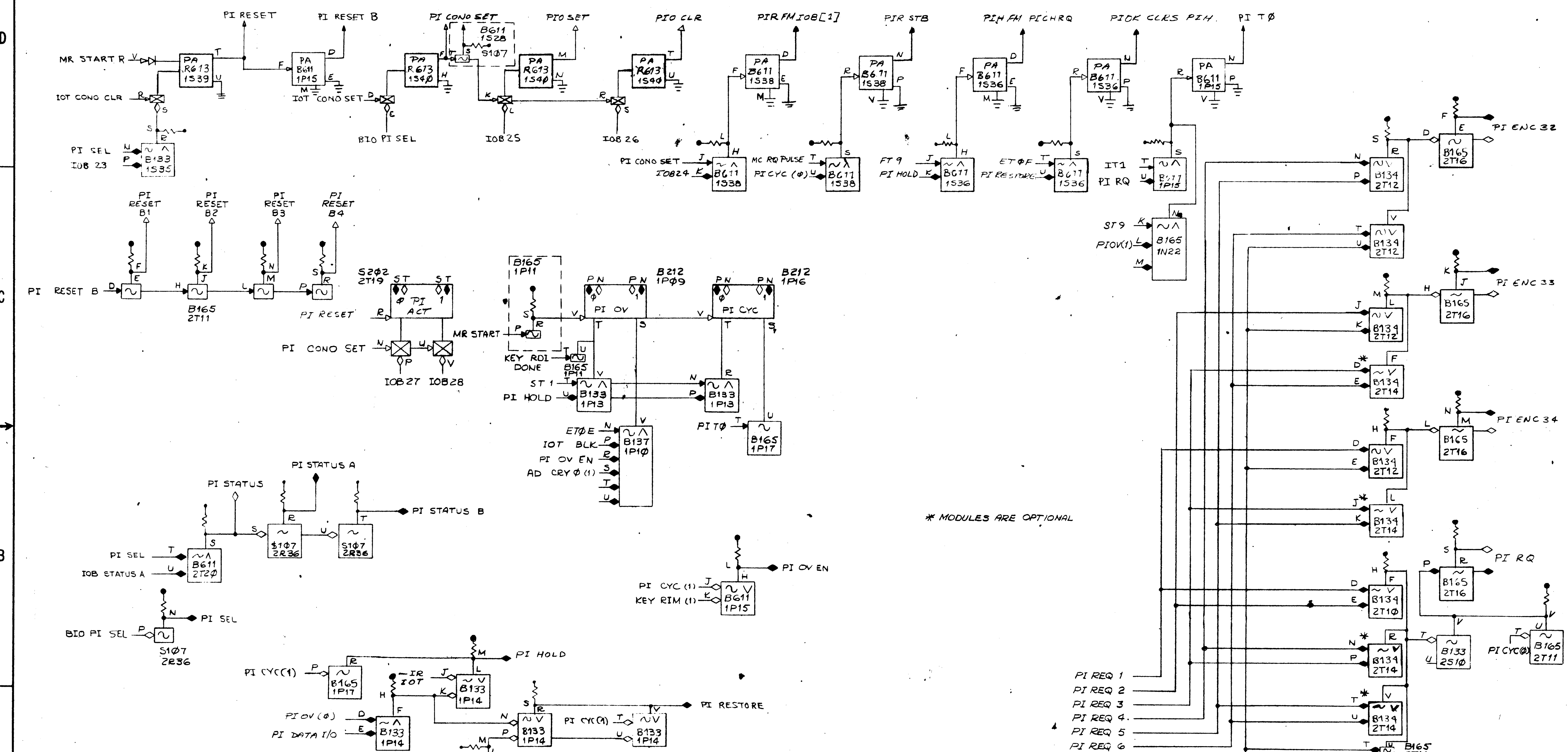


NOTE: ALL FLIP FLOP INPUTS ON THIS DRAWING ARE WIRE LISTED AS PC N SET OR PC N CLR

REV	CHANGE NO

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL		FIRST USED ON	
FINISH		SCALE	
SHEET		OF	
DATE		DATE	
PROJ. ENG.		DATE	
PROJ. #		DATE	
DRN. <i>W. Stephenson</i>		DATE <i>4-12-67</i>	
CHK'D <i>P. Adams</i>		DATE <i>7/20/67</i>	
ENG.		DATE	
digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
PROGRAM COUNTER REGISTER			
SIZE CODE		NUMBER	
D B S D-168-O-PC2		P 01	
DIST.		REV.	

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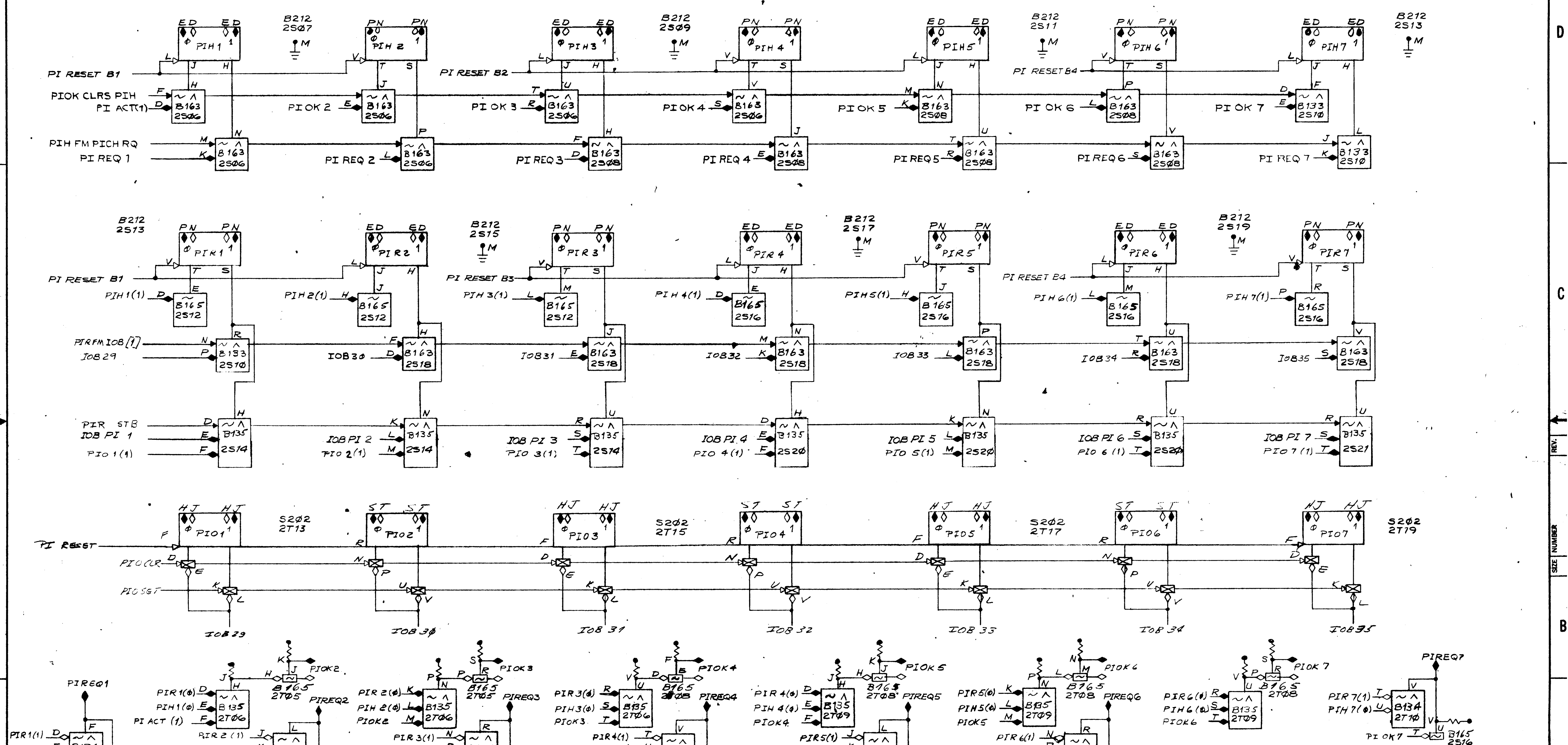


* MODULES ARE OPTIONAL

REV.	CHANGE NO.	DATE	BY	CHK'D.
1	1	2/23/67	FDZ	
2	2	3/17/67	FDZ	
3	3	4/16/67	FDZ	

QTY.	DESCRIPTION	PART NO.	ITEM NO.
	PARTS LIST		
	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		
	TITLE: PI CONTROL		
	CODE: BS SIZE: D NUMBER: PI1 REV: 109		
	SCALE: SHEET OF		

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REV.	CHANGE NO.	DATE	BY	CHK'D.
1		11-23-60	SMY	
2	WIRE LISTED 2/23			
3	REVISED 3/21/67			

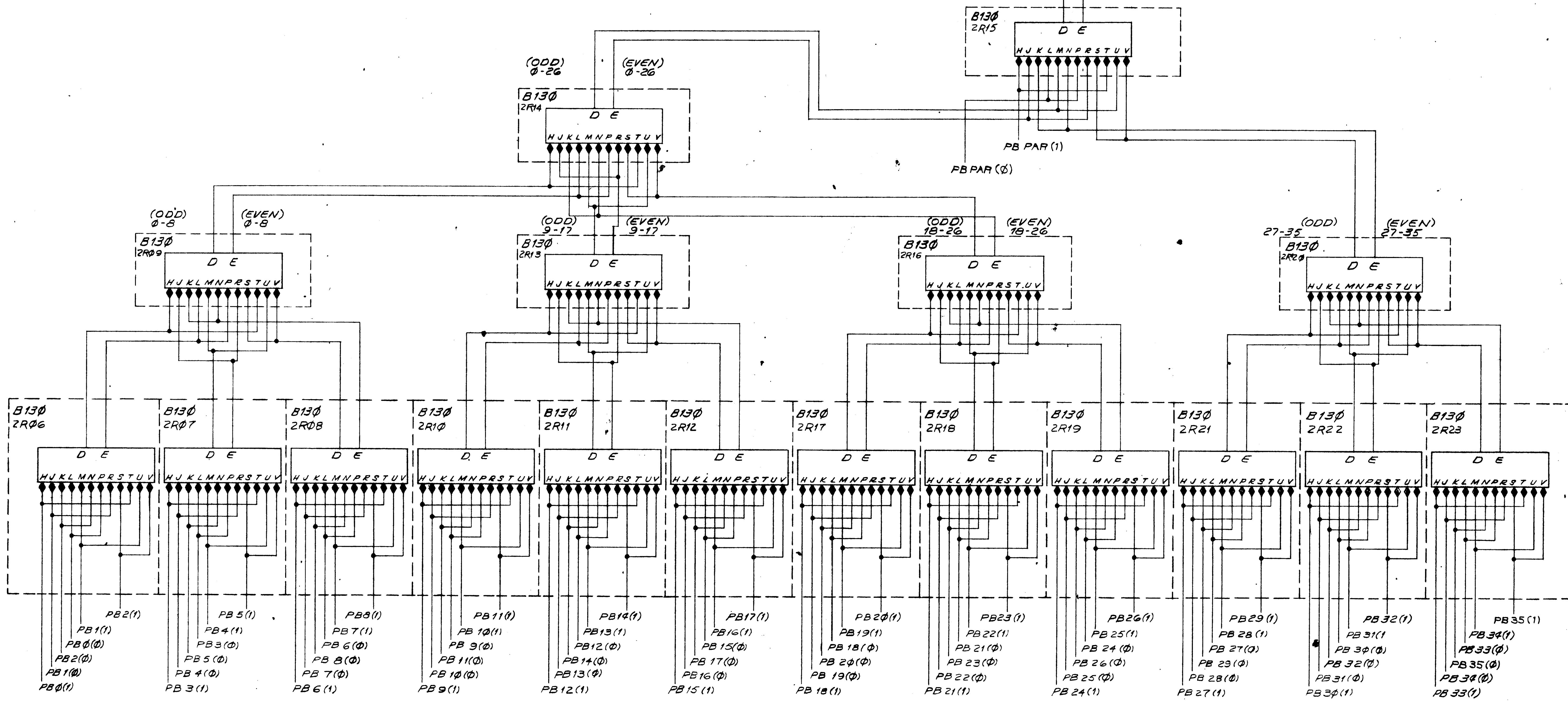
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1	PIH1	8163 2506	
1	PIH2	8163 2506	
1	PIH3	8163 2506	
1	PIH4	8163 2506	
1	PIH5	8163 2506	
1	PIH6	8163 2506	
1	PIH7	8163 2510	
1	PIR1	8165 2512	
1	PIR2	8165 2512	
1	PIR3	8165 2512	
1	PIR4	8165 2516	
1	PIR5	8165 2516	
1	PIR6	8165 2516	
1	PIR7	8165 2516	
1	PIO1	8134 2707	
1	PIO2	8134 2707	
1	PIO3	8134 2707	
1	PIO4	8134 2707	
1	PIO5	8134 2710	
1	PIO6	8134 2710	
1	PIO7	8134 2710	

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

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
TITLE
PRIORITY INTERRUPT
PIH, PIR, PIO
CODE SIZE NUMBER REV.
BS D PI2 PD7
SHEET OF DIST.

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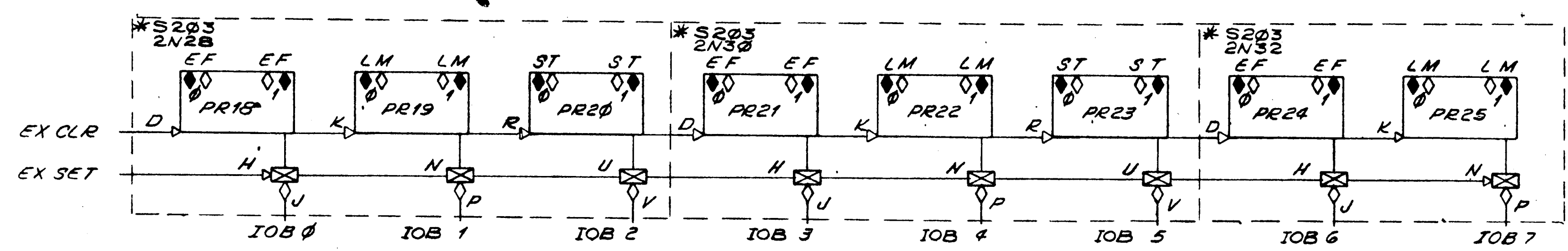
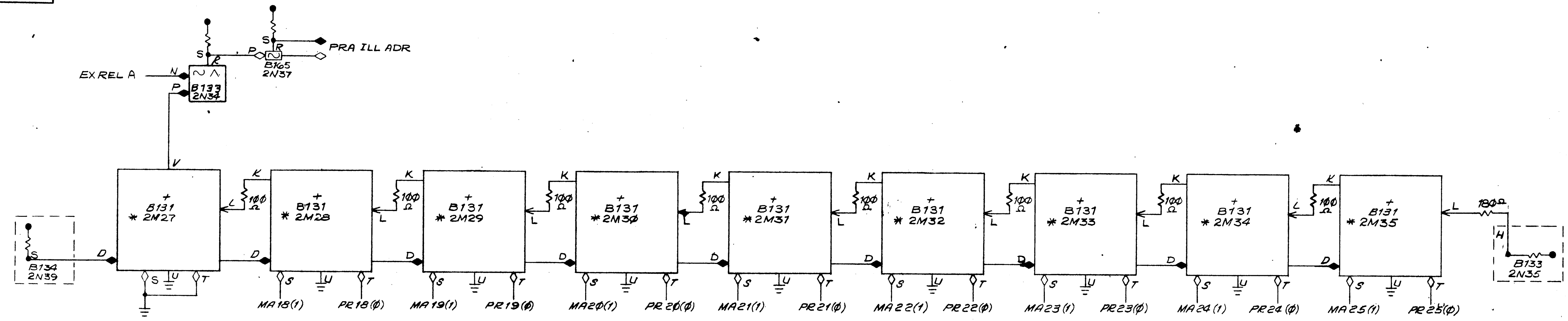
PN PAR ODD
 PN PAR EVEN
 PN PAR EVEN
 PN PAR ODD



REV.	REV.
CHG.	CHG.
NO.	NO.
DATE	DATE
BY	BY
CHK	CHK
LISTED	LISTED
2/23	2/23
1003	1003

UNLESS OTHERWISE SPECIFIED	DRN.	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS
UNLESS OTHERWISE SPECIFIED	See Above	8-24-64	
DIMENSION IN INCHES	CHK'D.	DATE	TITLE PARITY NETWORK
TOLERANCES	ENG.	DATE	
DECIMALS FRACTIONS ANGLES	PROJ. ENG.	DATE	
± .005 ± 1/64 ± 0°30'	PROD.	DATE	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	FIRST USED ON		SIZE CODE D BS
MATERIAL	SCALE		NUMBER PN
FINISH	SHEET OF		REV. P03
	DIST.		

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NOTE:
THE 100Ω RESISTORS ARE TO BE WIRE WRAPPED TO THE PANELS AT THE TIME THE PANELS ARE BUSSED.

* MODULES ARE OPTIONAL

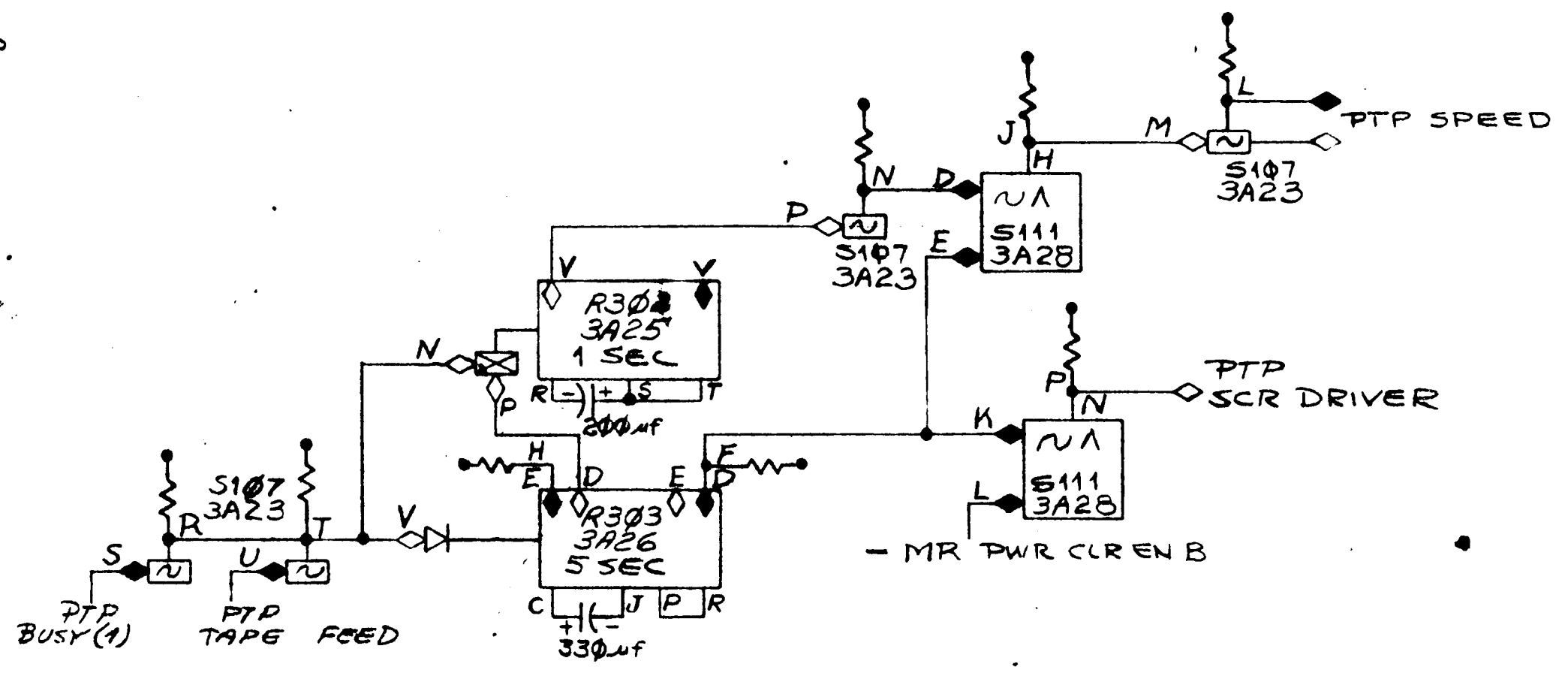
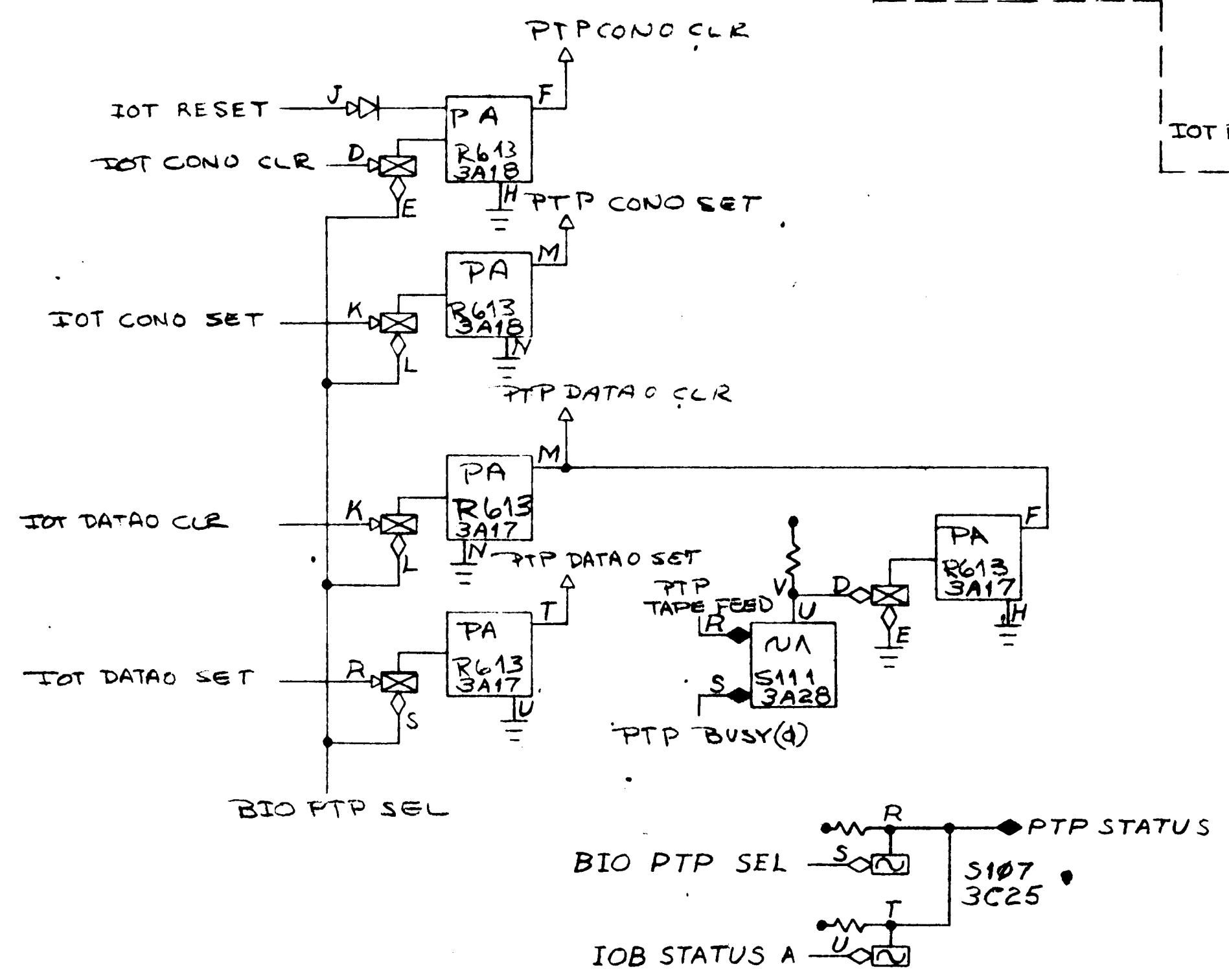
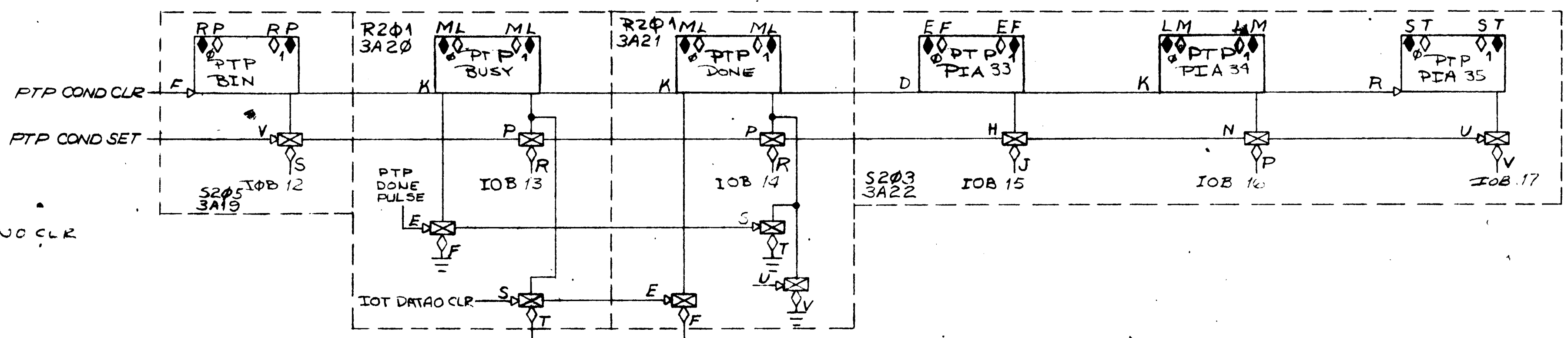
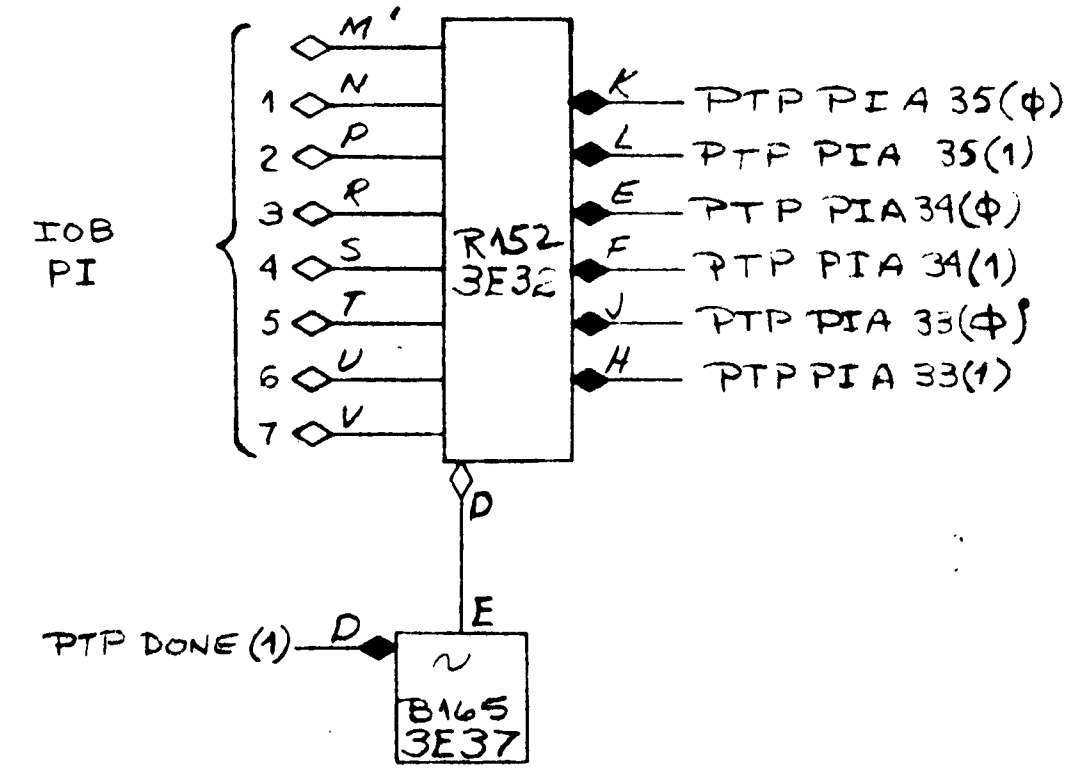
REV.	REV.
1	P006
2	
3	
4	
5	
6	
7	
8	
9	
10	

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DRN. <i>Ames</i>	DATE 3/14/66
UNLESS OTHERWISE SPECIFIED		CHKD. <i>Ames</i>	DATE
DIMENSION IN INCHES		ENG.	DATE
TOLERANCES		PROJ. ENG.	DATE
DECIMALS ± .005	FRACTIONS ± 1/64	PROD.	DATE
ANGLES ± 0°30'			
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL		FIRST USED ON	
FINISH		SCALE	
		SHEET OF	
		SIZE CODE	NUMBER
		D 85	PR
		REV.	P006

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE
PROTECT REGISTER

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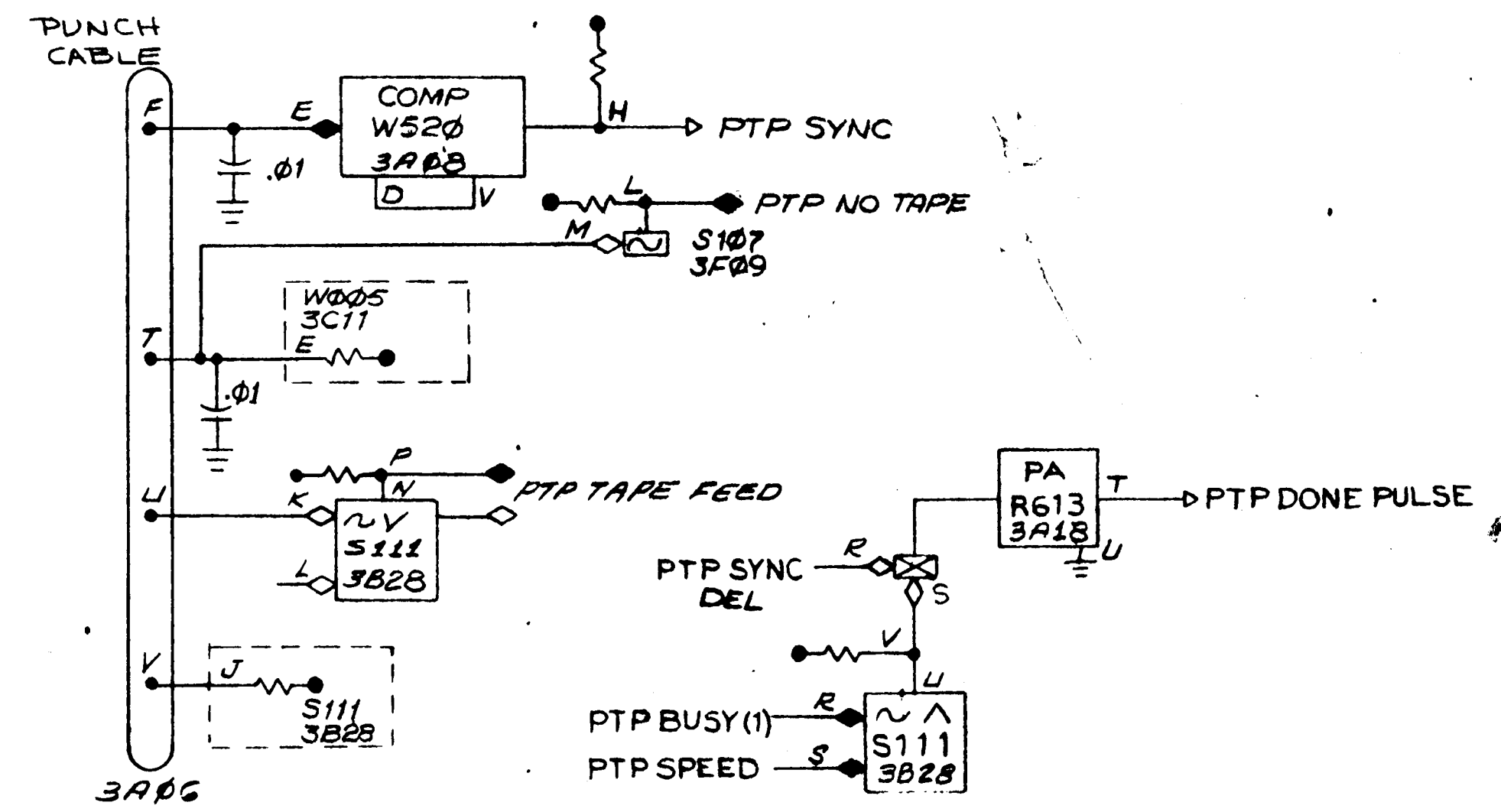
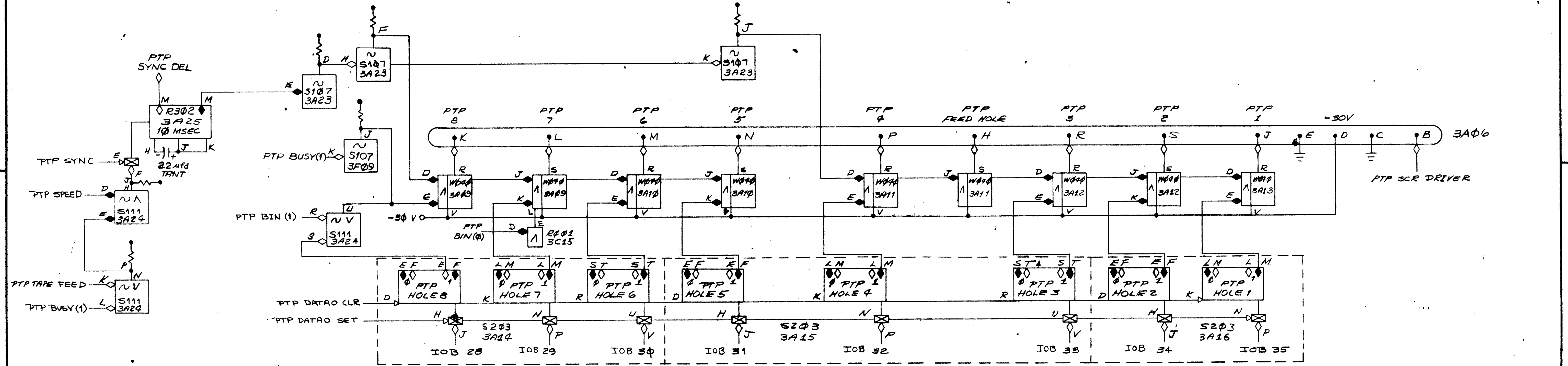


REV.	NO.	DATE	BY	CHK.
1	1	2/23/67	PAK	
2	1	3/9/67	PAK	
3	1	4/3/67	PAK	
4	1	4/11/67	PAK	

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
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		FIRST USED ON	
FINISH		SCALE	
		SHEET OF	
SIZE CODE		NUMBER	
D BS KA 10-φ-PTP		REV. 8	

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
TITLE
PAPER TAPE PUNCH CONTROL 1

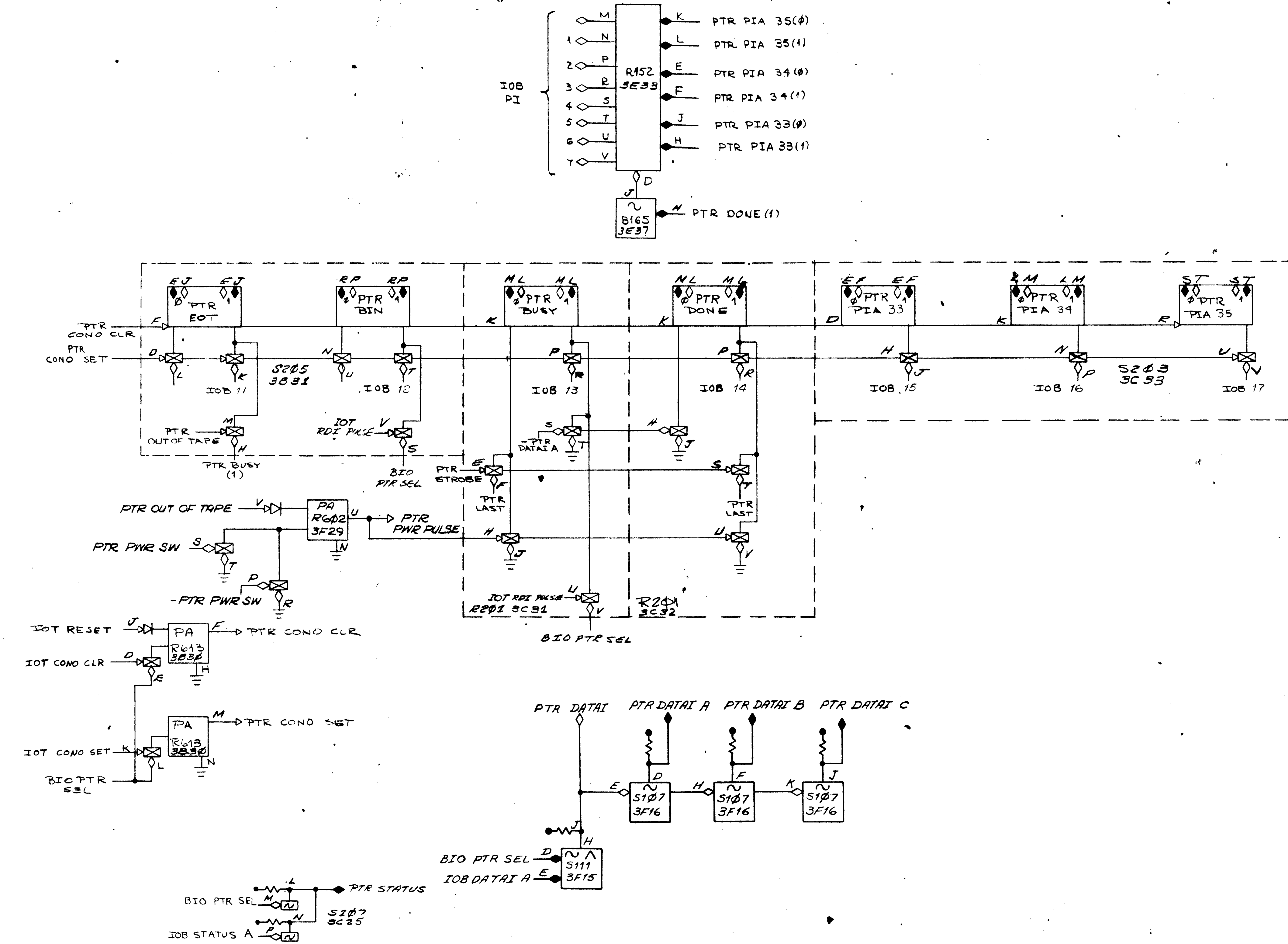
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REV.	CHANGE NO.	DATE
1	WIRE LISTED	2/23/67
2	REVISED	3/13/67
3	REVISED	3/14/67
4	REVISED	3/15/67
5	REVISED	4/5/67
6	REVISED	4/6/67
7	REVISED	4/11/67
8	REVISED	4/14/67

QTY.	DESCRIPTION	PART NO.	ITEM NO.
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			
MATERIAL		FIRST USED ON	
FINISH		SCALE	
SHEET		OF	
DRN. <i>W. Garcia</i>		DATE <i>3/14/67</i>	
ENGR.		DATE	
PROJ. ENG.		DATE	
PROD.		DATE	
TITLE		digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
TITLE		PAPER TAPE PUNCH CONTROL 2	
SIZE CODE	NUMBER	REV.	
D 85	KA 10-0-PTP2 P10		
DIST.			

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REVISIONS

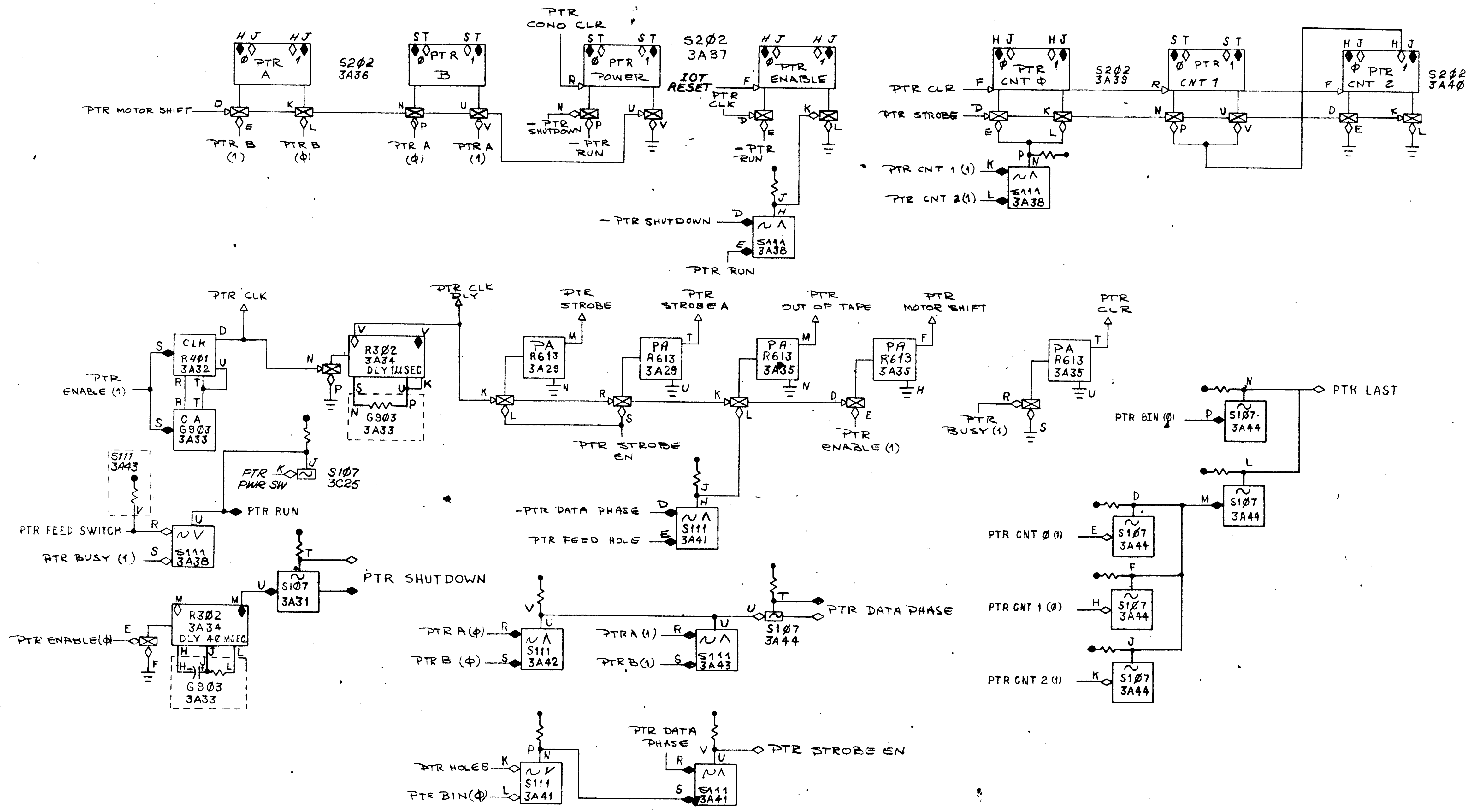
REV.	CHANGE NO.	DATE	BY
1	2/23	1965	PRO
2	3/11/67	1967	PRO
3	5/15/67	1967	PRO

QTY.	DESCRIPTION	PART NO.	ITEM NO.
	PARTS LIST		
UNLESS OTHERWISE SPECIFIED		DRN.	DATE
UNLESS OTHERWISE SPECIFIED		CHD.	DATE
DIMENSION IN INCHES		ENG.	DATE
TOLERANCES		PROJ. ENG.	DATE
DECIMALS FRACTIONS ANGLES		PROD.	DATE
± .005 ± 1/64 ± 0'30"			
FINAL SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL	FIRST USED ON		
FINISH	SCALE		
SHEET OF		SIZE CODE	NUMBER
		D 85	KA-100-PTR1 PD7
		DIST.	REV.

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE
PAPER TAPE READER CONTROL

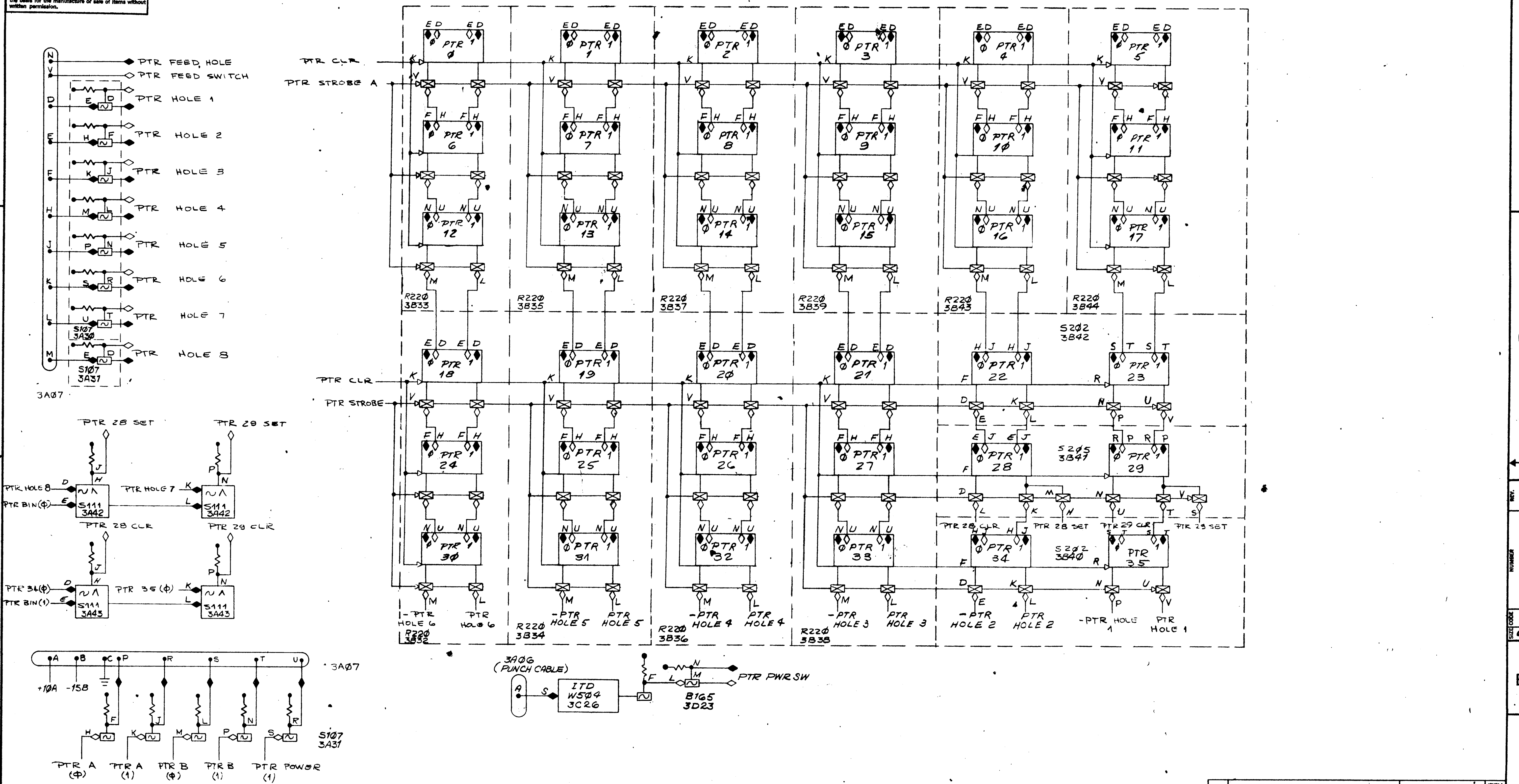
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REV.	CHANGE NO.	DATE
1	1	1/23/64
2	2	3/14/67
3	3	4/16/67
4	4	4/16/67

QTY.	DESCRIPTION	PART NO.	ITEM NO.
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			
MATERIAL			
FINISH			
DRN. DATE 3/24/66			
CHKD. DATE			
ENG. DATE			
PROJ. ENG. DATE			
PROD. DATE			
FIRST USED ON			
SCALE			
SHEET OF			
TITLE			
digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
PAPER TAPE READER CONTROL			
SIZE CODE NUMBER REV.			
D BS KA-10-φ-PTR2 P06			
DIST.			

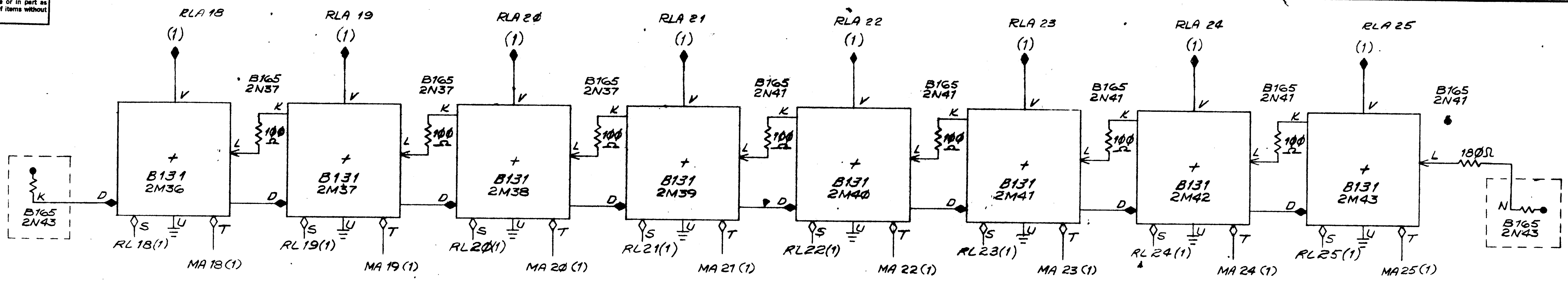
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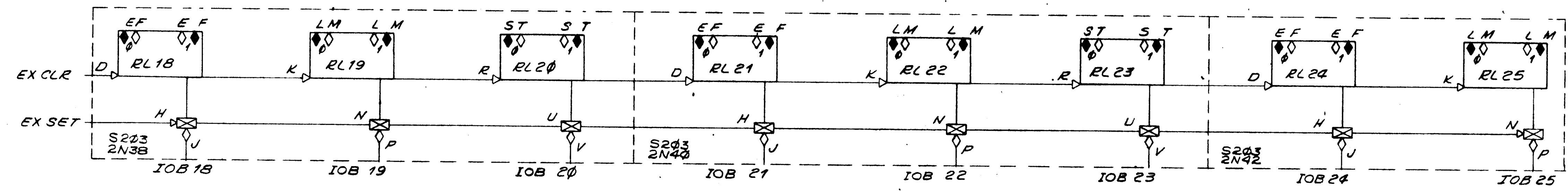
REV.	CHG.	NO.	DATE	BY
1	WIRE LISTED	2/23	1953	FD
2	REVISED	4/4/67		PD

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DRN. <i>Car Capra</i> DATE <i>8/24/67</i>	
UNLESS OTHERWISE SPECIFIED		ENGR. DATE	
DIMENSION IN INCHES		PROJ. ENG. DATE	
TOLERANCES		PROD. DATE	
DECIMALS FRACTIONS ANGLES			
±.005 ± 1/64 ± 0°30'			
FINAL SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL		FIRST USED ON	
FINISH		SCALE	
		SHEET OF	
		DIST.	
		TITLE	
		PAPER TAPE READER CONTROL	
		SIZE CODE	
		D 25	
		NUMBER	
		KA 10-φ-PT3	
		REV.	
		P04	

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NOTE:
THE 100 Ω RESISTORS ARE TO BE WIRE WRAPPED TO THE PANELS AT THE TIME THE PANELS ARE BUSSED.



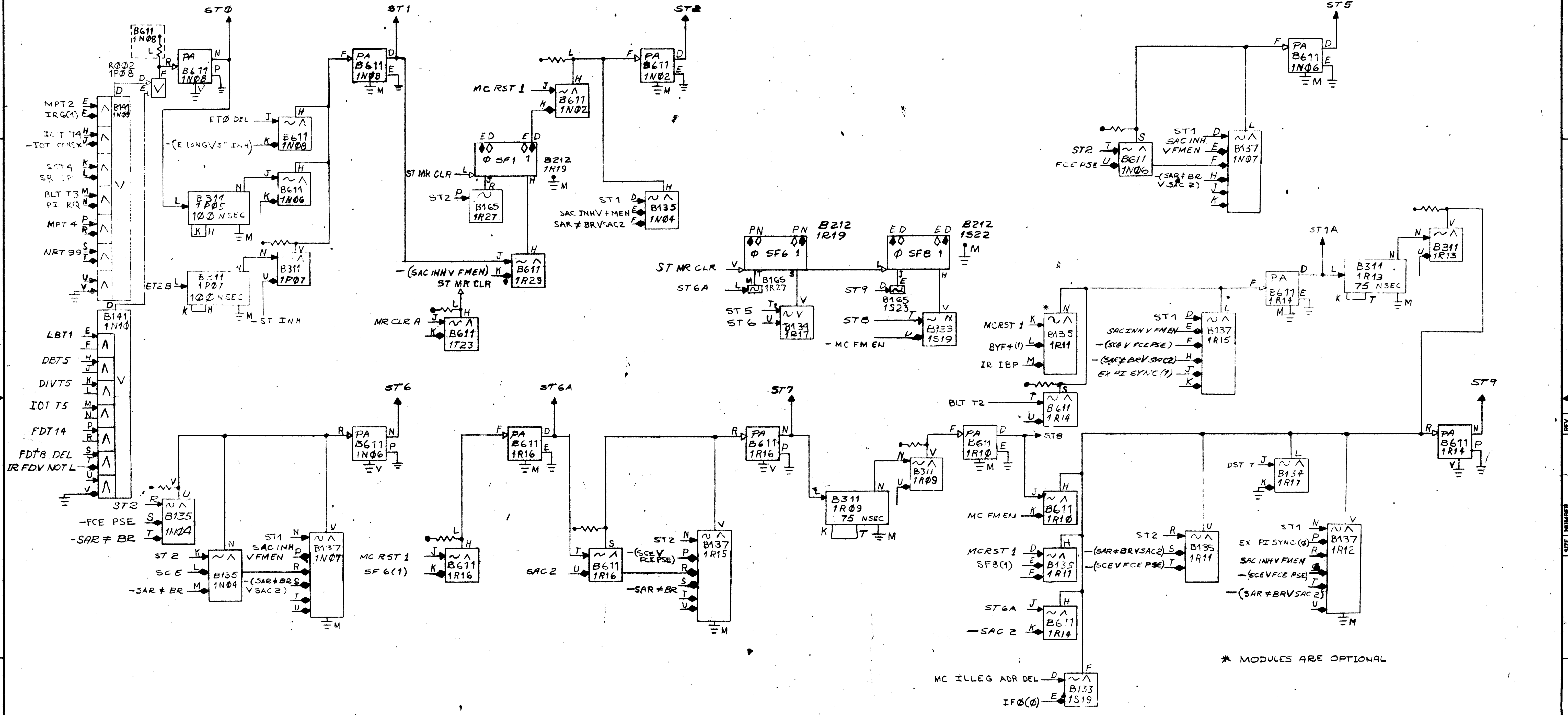
ALL MODULES ON THIS SHEET ARE OPTIONAL

REV.	CHANGE NO.	DATE
1	1	1/66
2	2	2/23
3	3	3/23/67
4	4	1/27

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
CHKD.	DATE		
ENG.	DATE		
PROJ. ENG.	DATE		
PROD.	DATE	RELOCATE REGISTER	
MATERIAL		FIRST USED ON	
FINISH		SCALE	REV. NO.

REV. NUMBER SIZE CODE D B

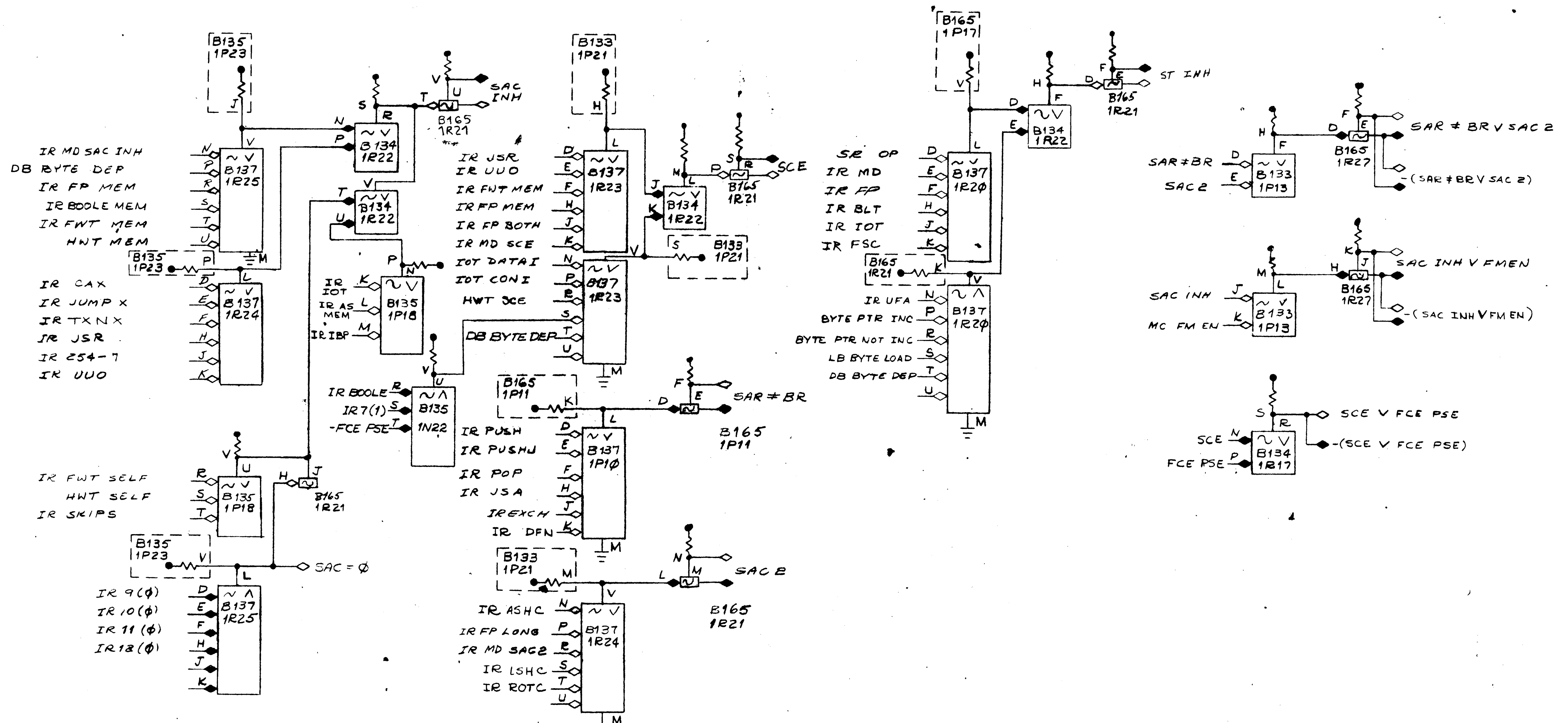
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REV.	CHG.	NO.	DATE	BY
1	WIRE LISTED	2/23	1971	FDJ
2	REVISED	3/10/67	1967	FDJ
3	REVISED	9/17/67	1967	FDJ
4	REVISED	10/16/67	1967	FDJ

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
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			
MATERIAL		FIRST USED ON	
FINISH		SCALE	
SHEET 1 OF 1		DIST.	
DRN. DATE 11-11-65 CHK'D. DATE ENG. DATE PROJ. ENG. DATE PROD. DATE		digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS TITLE STORE CYCLE TIME PULSES	
CODE		SIZE	NUMBER
BS		D-168-0-51	P10

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REV.	CHANGE NO.	DATE	BY
1	1	2/23/66	FDG
2	2	3/20/67	P07
3	3	4/24/67	FDG

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DO NOT SCALE DRAWING		DRN. <i>[Signature]</i>	DATE 11-11-65
UNLESS OTHERWISE SPECIFIED		CHK'D <i>[Signature]</i>	DATE
DIMENSION IN INCHES		ENG.	DATE
TOLERANCES		PROJ. ENG.	DATE
DECIMALS: ± .005		PROD.	DATE
FRACTIONS: ± 1/64			
ANGLES: ± 0°30'			
FINAL SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL	FIRST USED ON	TITLE	
FINISH	SCALE	TITLE	
		CODE	REV.
		SIZE	NUMBER
		DIST.	

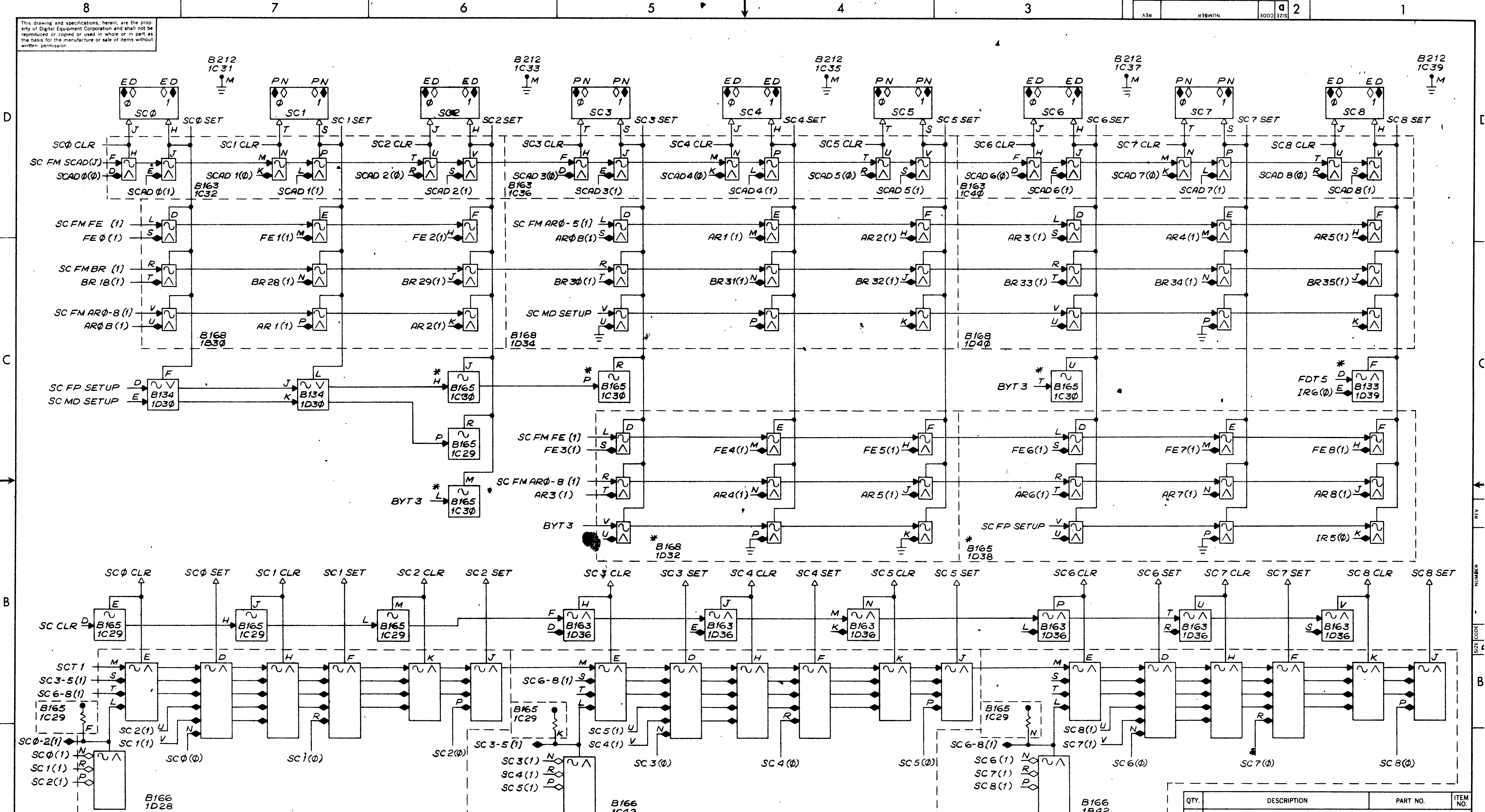
digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

STORE CYCLE LEVELS

BS D-168-0-S2

REV. 168-0-S2

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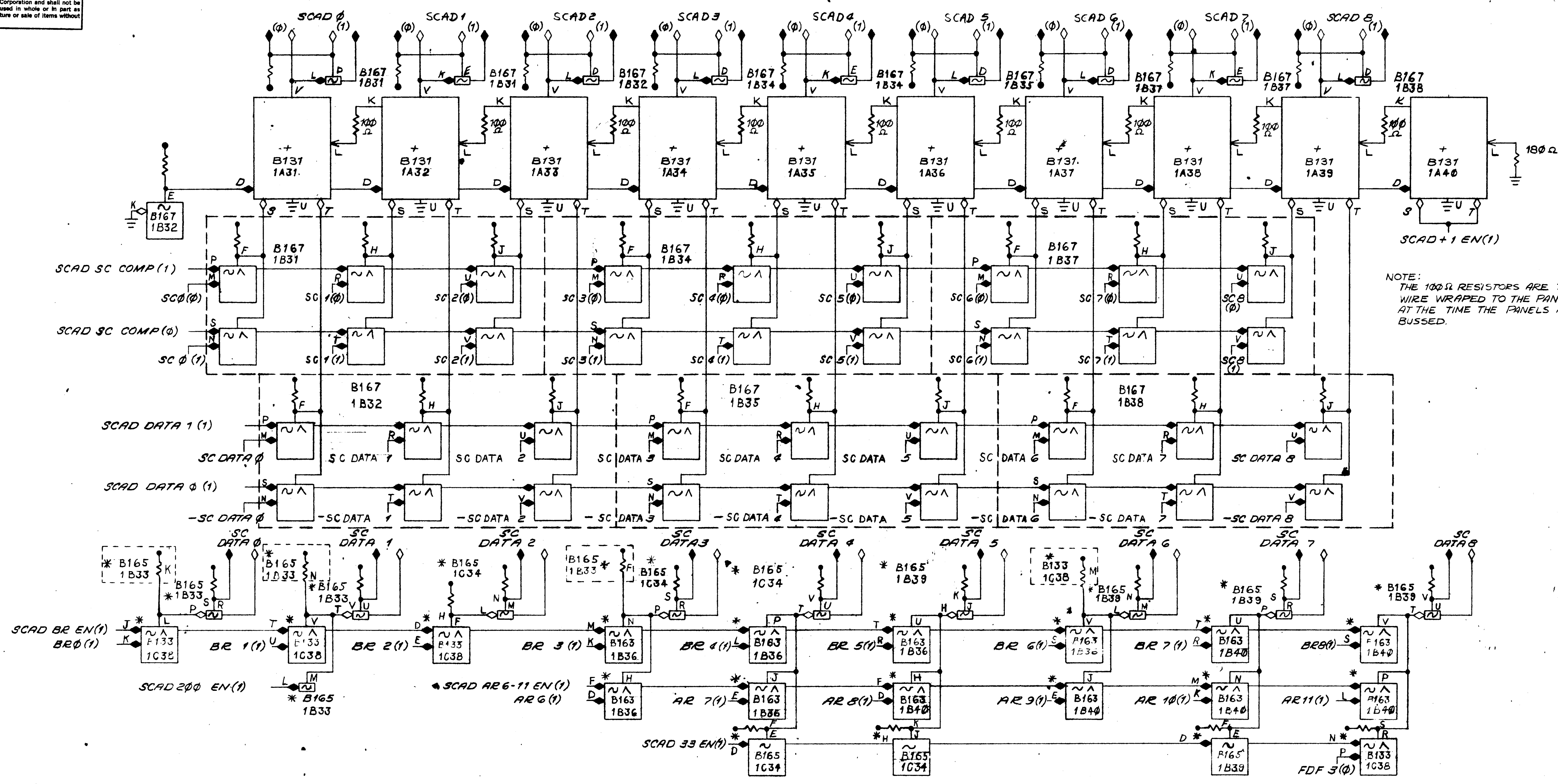


REV.	
CHANGE NO.	
CHK	

* MODULES ARE OPTIONAL

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES DECIMALS FRACTIONS ANGLES ± .005 ± 1/64 ± 0°30'		DRN. <i>D. Stephenson</i> DATE <i>4/29/67</i>	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS		CHK'D. <i>P. Adams</i> DATE <i>5/1/67</i>	
MATERIAL		TITLE SHIFT COUNT REGISTER	
FINISH		PROJ. ENG. DATE	
SCALE		PROD. DATE	
SHEET OF		FIRST USED ON	
DIST.		SIZE CODE NUMBER REV. DBS SC PD1	

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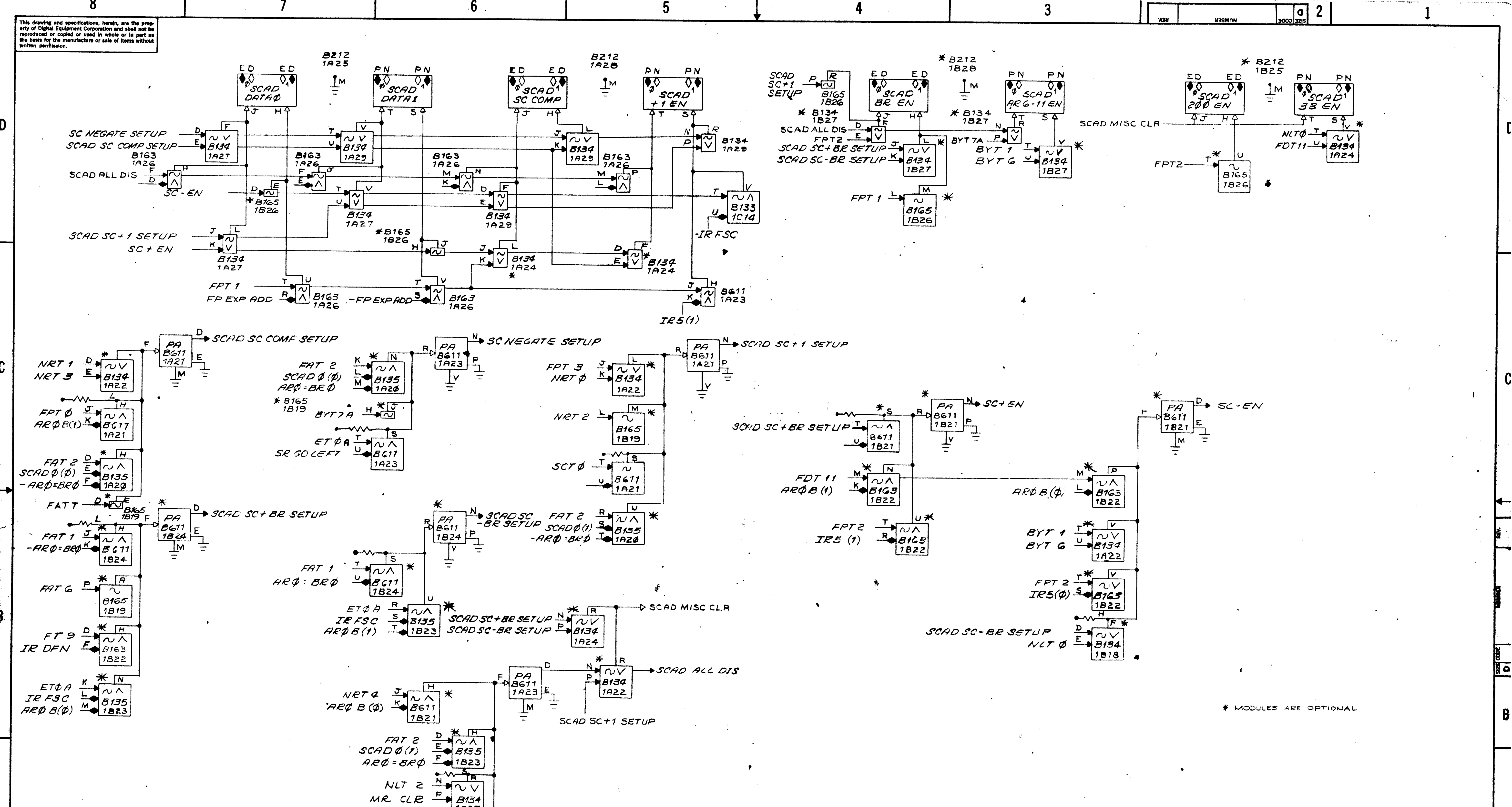
NOTE:
THE 100Ω RESISTORS ARE TO BE WIRE WRAPPED TO THE PANELS AT THE TIME THE PANELS ARE BUSSED.

* MODULES ARE OPTIONAL

REV.	REV.
CHANGE NO.	DATE
CHK	WIRE LISTED 2/23 PDG

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	TITLE	
FIRST USED ON		SHIFT COUNT ADDER	
MATERIAL		SIZE CODE	NUMBER
FINISH		SCALE	REV.
		D 85	SCAD P06

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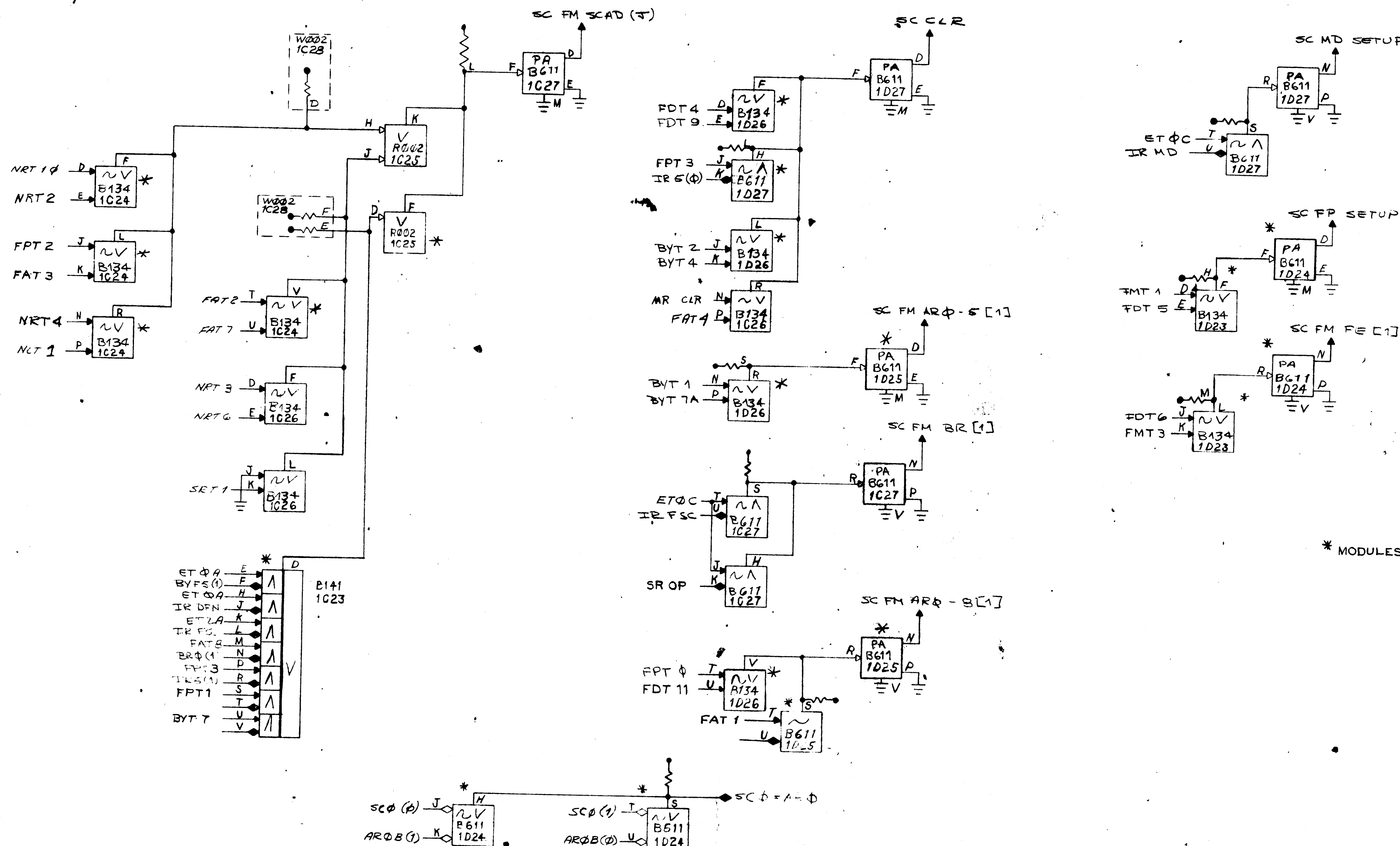
REV.	CHG. NO.	DATE	BY
1	1	2/23/66	R/S
2	1	3/16/67	R/S
3	1	3/23/67	R/S
4	1	3/27/67	R/S

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DRN <i>Rafner</i>	DATE 9/21/66
UNLESS OTHERWISE SPECIFIED		CHGD.	DATE
DIMENSION IN INCHES		ENG.	DATE
TOLERANCES		PROJ. ENG.	DATE
DECIMALS FRACTIONS ANGLES		PROD.	DATE
±.005 ± 1/64 ± 0°30'			
FINAL SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL		FIRST USED ON	
FINISH		SCALE	
		SHEET OF	
		SIZE CODE	
		NUMBER	
		REV.	
		D B S 168-0-SCC1 P09	
		DIST.	

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE
SHIFT COUNTER CONTROL

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* MODULES ARE OPTIONAL

REV.	REV.
CHANGE NO.	DATE
WIRE LISTED 2/73	RD7
REVISED 9/25/67	RD5

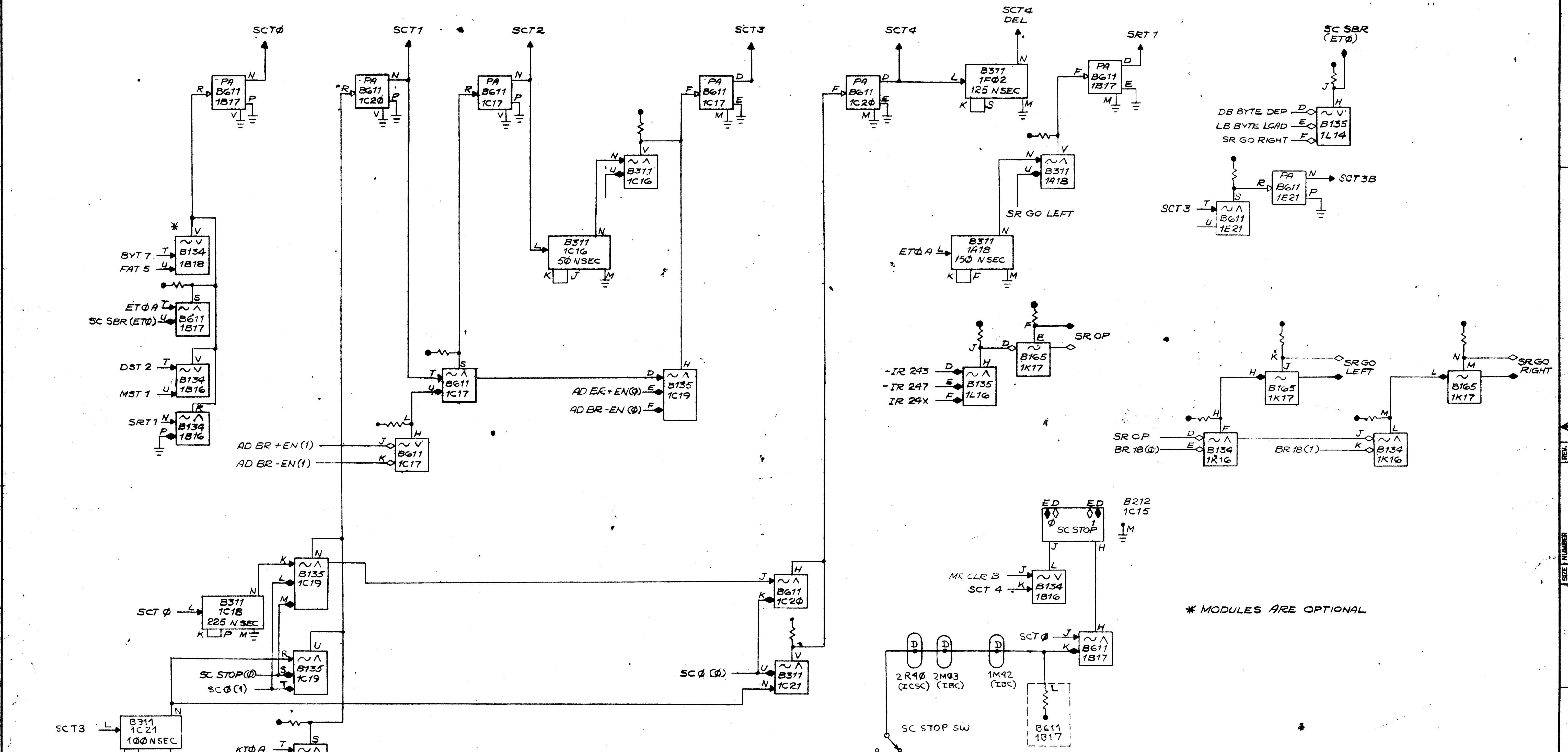
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PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DRN. DATE	
DIMENSION IN INCHES		CHR.D. DATE	
TOLERANCES		ENG. DATE	
DECIMALS	FRACTIONS	ANGLES	DATE
± .005	± 1/64	± 0°30'	DATE
FINAL SURFACE QUALITY		PROJ. ENG. DATE	
REMOVE BURRS AND BREAK SHARP CORNERS		PROD. DATE	
MATERIAL		FIRST USED ON	
FINISH		SCALE	

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE
SHIFT COUNTER CONTROL

SIZE CODE NUMBER REV.
D 185 SCC2 PDB

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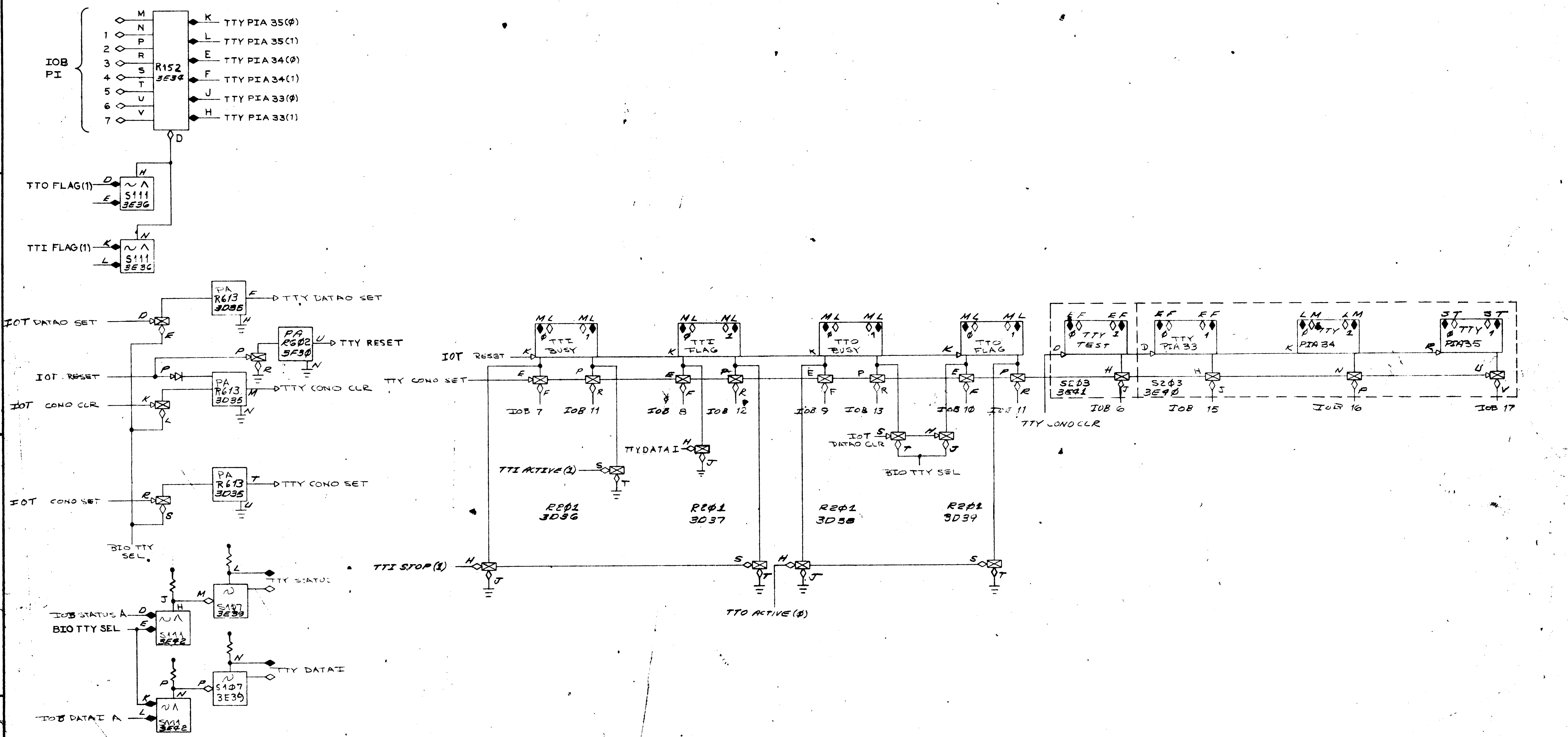


* MODULES ARE OPTIONAL

REV.	CHG.	NO.	DATE	BY
1	WIRE LISTED	2/23	1967	PO7
2	REVISED	4/4/67	1967	PO9
3	REVISED	5/23/67	1967	PO9

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DO NOT SCALE DRAWING		DRN. <i>WJ</i>	DATE 11-23-67
UNLESS OTHERWISE SPECIFIED		CHK'D.	DATE
DIMENSION IN INCHES		ENG.	DATE
TOLERANCES		PROJ. ENG.	DATE
DECIMALS FRACTIONS ANGLES		PROD.	DATE
± .005 ± 1/64 ± 0°30'		FIRST USED ON	
FINAL SURFACE QUALITY		CODE SIZE NUMBER REV.	
REMOVE BURRS AND BREAK SHARP CORNERS		BS D SC SR PO9	
MATERIAL	TITLE		
FINISH	SHIFT AND COUNT SUBROUTINE AND SHIFT INSTRUCTION		
SHEET OF	DIST.		

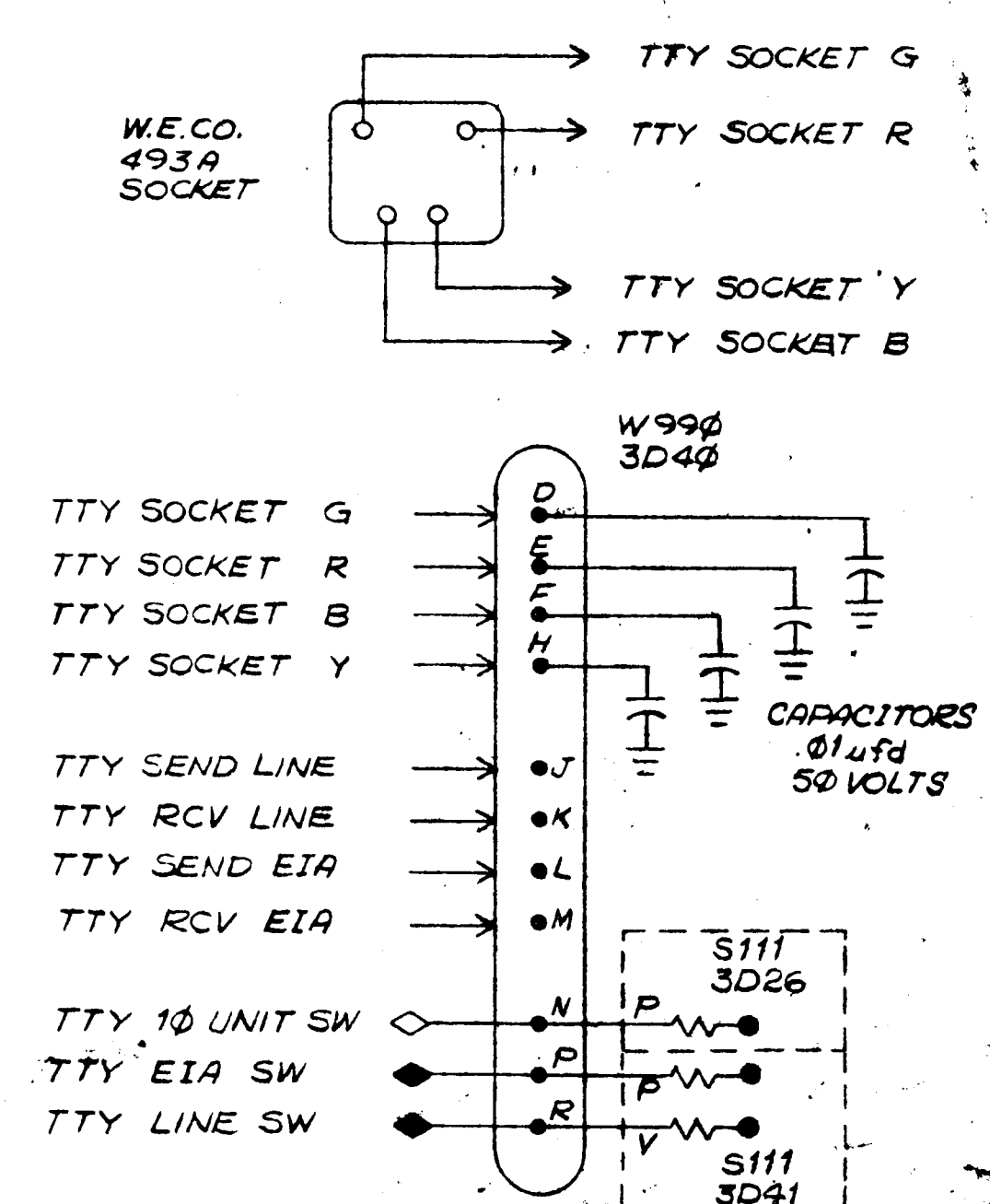
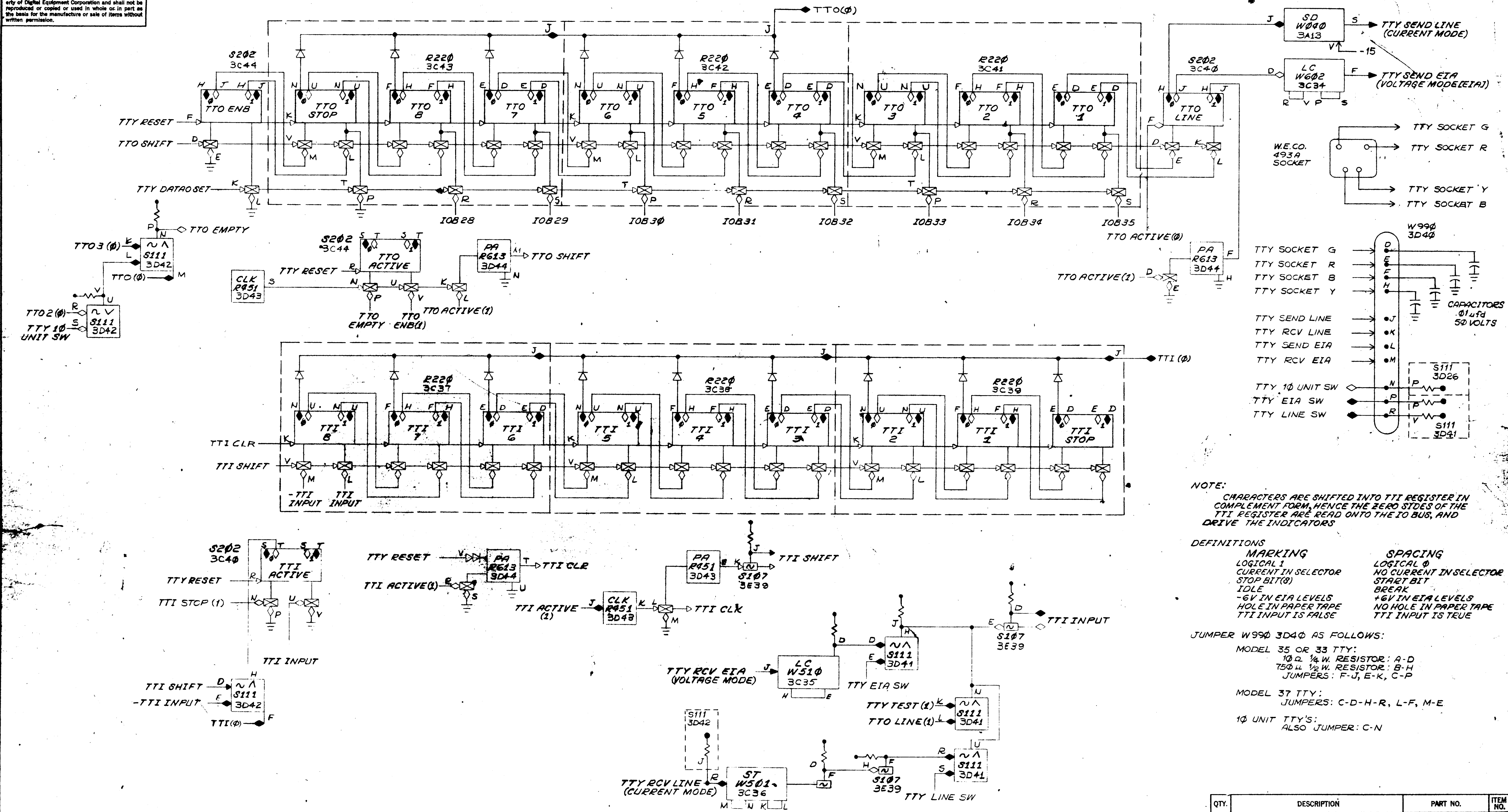
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REV. 2/23 F04

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED		TITLE TELETYPE CONTROL	
DIMENSION IN INCHES		DATE	
TOLERANCES		DATE	
DECIMALS ± .005	FRACTIONS ± 1/64	ANGLES ± 0°30'	DATE
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS		DATE	
MATERIAL		FIRST USED ON	
FINISH		SCALE	
SHEET OF		DIST.	
		SIZE CODE D BS	NUMBER TTY1
		REV. P04	

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NOTE:
CHARACTERS ARE SHIFTED INTO TTI REGISTER IN COMPLEMENT FORM, HENCE THE ZERO SIDES OF THE TTI REGISTER ARE READ ONTO THE IO BUS, AND DRIVE THE INDICATORS

DEFINITIONS

MARKING	SPACING
LOGICAL 1	LOGICAL 0
CURRENT IN SELECTOR	NO CURRENT IN SELECTOR
STOP BIT(0)	START BIT
IDLE	BREAK
-6V IN EIA LEVELS	+6V IN EIA LEVELS
HOLE IN PAPER TAPE	NO HOLE IN PAPER TAPE
TTI INPUT IS FALSE	TTI INPUT IS TRUE

JUMPER W990 3D40 AS FOLLOWS:
 MODEL 35 OR 33 TTY:
 10 Ω 1/4 W. RESISTOR: A-D
 75 Ω 1/2 W. RESISTOR: B-H
 JUMPERS: F-J, E-K, C-P
 MODEL 37 TTY:
 JUMPERS: C-D-H-R, L-F, M-E
 10 UNIT TTY'S:
 ALSO JUMPER: C-N

REV.	REV.
1	2/23/63
2	3/9/67
3	3/13/67
4	4/11/67

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES DECIMALS FRACTIONS ANGLES ±.005 ± 1/64 ± 0°30' FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	DATE 11/24/66	DATE	DATE	DATE	DATE	DATE
PARTS LIST						
digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS						
TITLE TELETYPE CONTROL						
FIRST USED ON						
SCALE D BS						
REV. TTY2 P16						

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	D	E	F	H	J	K	L	M	N	P	R	S	T	U	V
W022	2E25 2E44 2F44 2B44 2H44 2B25 2C25 2D25 2F25 2D05 2H25 2P25 2S27 2F05 2P12 1P12 1F40 1L05 1E28 1L35 1B20 1J41 1C22 1S05 1A30 1S21 1K42 1K31 1N05 1C09 1J21 1C41 1M25 1R33 1P06 1J42 1D11 1T11	M BUS 20 M BUS 29 M BUS 32 ARRT FM MQ (Φ) ITΦ ARLT SH RT B M BUS 12 M BUS 14 ARI-8 FM SCAD1-B(J) ARLT SH RT A MA FM AR (J) A MI LOAD D PIR STB MQ SH RT A FMA FM HI FMAR(J) MC RD RS FAT 1 ST8 FDT 1 FT 6 NRT 1 ST 2 SRT 1 FT 0 SCAD SC+1 SETUP MCRST 0 FT 7 DBT 4 LBT 1 ST 1A FAT 4 FE FM SCAD (1) MC RD/WR RQ PULSE KT 4 BLT T3 ETΦA MC BUS WR RS	GND	M BUS 21 M BUS 30 M BUS 33 ARRT FM PC (J) B PCLT +1 ARLT FM ARRT (J) B M BUS 12 M BUS 15 M BUS 8 BR 1-8 CLR MA FM AS (J) A MR PWR CLR MCRST 0 DEL MQ FM AD (J) A FMA FM LO FMAR (J) AT 3 NRT 0 AT 4 DST 1 NRT 2 NRT 3 FMT 3 FAT 3 IT 0 MR CLR MC ADR ACK FAT 3A FDT 11 DBT 5 MR START FDT 10 SC FM FE (1) MC WR RS MC RD/WR RS SCT 3B ET 1B MC PARITY PULSE	GND	M BUS 22 M BUS 31 M BUS 34 ARRT FM AD (1) MA CLR ARLT FM AD (Φ) ARLT FM MA (J) B MC MEM BUS FMAR1B M BUS 9 BR 1-8 SET PCLT FM MA (1) PB CLR MR CLR M BUS 4 MI LOAD A DST 7 MPT 3 IT 1 BLT T1 FDT 3 NRT 3 NRT 7 FAT 2 MC NXM RST SC NEGATE SETUP FT 1 NLT 4 ST 7 IOT T4 DST 2 FT 2 SC FM AR0-8 (1) FPT 3 ST 1	GND	M BUS 23 BRRT FM AR (Φ) M BUS 35 ARRT FM MQ (1) PCRT FM MA (J) ARLT CLR ARLT FM AD (1) BRLT FM AR (1) M BUS 10 M BUS 0 MQ SH LT C ST 9 MC ILLEG ADR M BUS 4 MI LOAD B MC FM RD RQ FMT 1 KEY RDI DONE DIV T2 DST 3 SC +EN BYT 1 BYT 2 BYT 3 FMA T2 SCAD SC COMP SETUP BYT 7A NLT 1 MPT 4 IOT T5 MST 1 NLT 2 SC FP SETUP FPT 3 MC RQ SET AT 2	GND	M BUS 24 BRRT FM AR (1) MC MEM BUS FMAR1C ARRT FM ARLT (J) B MA FM PC (J) B ARRT FM ARLT (J) A ARLT FM MQ (1) M BUS 11 M BUS 1 MQ SH RT C FT 9 MC NON EX MEM M BUS 6 PIH FM PIQH RQ MC FM WR RQ FAT 6 MR START A SCT 0 DIV T4 SCAD SC+BR SETUP DIV T3 FDT 4 BYT 4 FPT 2 MAI IGN PAR PULSE FDT 13 MPT 2 FDT 14 SCT 2 MC RD RQ PULSE SC FM AR0-5 (1) MR CLR A KT 3A ET 0E FT 9 ET 2A	GND	M BUS 25 ARRT FM FM (1) MQ SH LT D ARRT SH RT B MA FM AR (J) B ARRT SH RT A ARLT FM AR (1) M BUS 17 MC MEM BUS FMAR1A M BUS 2 MQ FM AD (J) C KEY RUN CLR MC PAR ERR M BUS 7 MC NXM RD FAT 5 NRT 4 FDT 7 FAT 7 KT 0A DIV T5 NLT 3 FDT 9 SCAD SC-BR SETUP PIT 0 DST 5 FT 8 NRT 99 NLT 0 FT 5 SC FM BR (1) NRT 10 MC RQ PULSE AT 1 ET 0D ET 2B	M BUS 26 ARRT FM IOB (1) MQ SH RT D ARRT SH LT B MA FM AS (J) B ARRT SH LT A ARLT FM IOB (1) M BUS 18 MQ SH LT B M BUS 3 MQ FM AD (J) B ST 1 MR START AR0-5 FM SCAD3-B(J) ST 5 AT 3 SCT 4 NRT 6 BLT T2 FPT 1 FDT 8 SCT 0 SCAD ALL DIS FT 9 DBT 2 MST 0 KT 1 MCRST 1 FMA T1 SC FM SCAD (J) SCT 3 FT 4A AT 1 ET 1C ET 0	GND	M BUS 27 ARRT FM DS (1) MQ FM AD (J) D ARRT CLR MA FM PICH (1) ARLT FM IR (1) ARLT FM DS (1) M BUS 19 MQ SH RT B ARLT SH LT A IR RT CLR KCT 0 IR LT CLR PI RESET B ST 6 FDT 2 ET 0 IOT T3B KNT 2 BYT 7 FAT 8 NRT 5 KT 3 MC WR RQ PULSE DIV T1 DIV T0 MR CLR B KT 2 SC MD SETUP ET 1 FT 3 ET 0E ET 2C ET 2B MAI CMC RD RS

	D	E	F	H	J	K	L	M	N	P	R	S	T	U	V
G796	2L25 2J05 2K25 2P18 2N25 2E43 1D21 1E09 1H04 1J15 1L18 1R08 1R18	IOB 1 IOB 13 IOB 15 IR 3 (1) EX REL A AD CRY 36 (0) IR IBP IR IDPB IR 3XY IR F4D IR A3HC IR 4 (0) BR 6 (0)	IOB 2 IOB 26 IOB 16 IR 4 (0) MAI FMA SEL (1) AD AD+EN (1) IR DEN SC STOP SW IR JSA FAF 4 (1) IR ROTC IR EXCH BR 5 (1)	IOB 3 IOB 27 IOB 17 IR 4 (1) EX CLR AD AR-EN (1) BR 4 (1) IR DPB IR POPS IR PUSH IR POP BYTE PTR INC	IOB 4 IOB 28 IOB 18 IR 5 (0) EX SET AD BR+EN (1) AR 1 (1) IR UFA IR TXCX IR AOBJN BR 18 (1) BYTE PTR NOT INC	IOB 5 IOB 29 IOB 19 IR 5 (1) IR 6 (0) AD BR-EN (1) IR FDV AD BR-EN (1) IR LDB IR TXOX IR BLT IR 4 (1) LB BYTE LOAD	IOB 6 IOB 30 IOB 20 IR 6 (0) PC 20 (1) IR 6 (0) SC STOP (0) IR JRA IR 8 (1) AR 0B (0) DB BYTE DEP	IOB 7 IOB 31 IOB 21 IR 6 (1) PC 21 (1) AD 0 (1) IR FSC HWT E LONG IR 7 (0) IR FP LONG	IOB 8 IOB 32 IOB 22 IR 7 (0) PC 29 (1) IR TEST IR 1 (0) IR 3 (1) IR 7 (1) KEY RIM (1)	IOB 9 IOB 33 IOB 23 IR 7 (1) IR ASHC ST INH IR DIV BR 0 (1) IR 3 (0)	IOB 10 IOB 34 IOB 24 IR 8 (0) AD 0 (1) IR 1 (1) IR DEN IR BOOLE 17	IOB 11 IOB 35 IOB 25 IR 8 (1) AD 0 (0) AD 0 (0) AD 0 B (0) IR 8 (0) IR 8 (0) AR 0D (1) MA 19-31=0 IR 13 (1)	AR FOV (1) AD CRY 0 (0) AR OV FLAG (1) AD CRY 0 (0) IR UFA AD 0 B (1) IR 6 (0) IR 8 (0) AR 0D (1) MA 19-31=0 IR 13 (1)	IOT BLK AD CRY 0 (1) EX USER (1) AD CRY 0 (1) IR 6 (1) BR 0 (0) IR BLT DSF 1 (1) AS COND IR 13 (0)	GND

BACK PANEL

LEVEL	NAME	POINT	COMPONENT	POINT
	AD 35 (1)	2D06L	0664	2D06C
	AR MQ FP SHEN	2H16M	0664	2H16C
	KEY RIM (1)	2J20E	0664	2J19C

PULSE	NAME	POINT	COMPONENT	POINT
	PCRT+1	2H41M	100Ω	2J41C
	ARLT FM FLAGS (J) A	2D14L	100Ω	2D14C
	ARRT FM PC (J) A	2D33L	100Ω	2D33C
	ARF CRY STB	1K21T	100Ω	1K21C
	ARF FLAGS FM BR (0)	1C14J	100Ω	
	BYT 6	1B27U	100Ω	
	IOT T1	1S34T	100Ω	
	MI T 0	1R37L	100Ω	
	MIT 1	1R32J	100Ω	
	AR OV SET	1L22L	100Ω	

REVISIONS

CHK	REV.	CHANGE NO.	DATE	BY
	REVISED	3/31	9/16/67	POB
	REVISED	4/11/67	10/3	POB
	REVISED	4/17/67	10/4	POB
	REVISED	4/25/67	10/5	POB
	REVISED	5/23/67	10/6	POB
	REVISED	5/25/67	10/7	POB
	REVISED	6/16/67	10/8	POB

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DIN 3/29/67	
UNLESS OTHERWISE SPECIFIED		DATE	
DIMENSION IN INCHES		DATE	
TOLERANCES		TITLE	
DECIMALS ± .005	FRACTIONS ± 1/64	ANGLES ± 0°30'	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
PROJ. ENG.		DATE	
PROD.		DATE	
FIRST USED ON		DATE	
SCALE		REV.	
SHEET OF		D- -TERM POB	

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Table with 8 columns: INSTRUCTION, BOOLE, ADD SUBTRACT, FWT, HWT (LR-I), HWT (LR-I), EXCH, UUU. Rows include INITIAL SWITCHES, INITIAL REGISTERS, FT9, ET4, ET1, ET2, and FINAL SWITCHES.

NOTES:
1. UUU = (IR JST A A - EX ALLOW IOTS A IR 9 (1)) V (IR JST A A - EX ALLOW IOTS A IR 10 (1)) * OPEN IR 2 (0) FROM TERM TO DISABLE FLOATING POINT HARDWARE
2. FLAGS: 0) AR OV FLAG 6) EX IOT USER (CANNOT BE TURNED ON IN USER MODE)
1) AR CRY 0 FLAG 7)
2) AR CRY 1 FLAG 8)
3) AR FOV 9)
4) BYFG 10)
5) EX USER (SAVED) 11) AR FXU
EX MODE SYNC (RESTORE) 12) AR DCK
3. AR OV COND = (AD CRY 0 (0) A AD CRY 1 (1)) V (AD CRY 0 (1) A AD CRY 1 (0))
4. HWT E TEST = (IR 3 (0) A IR 6 (0) A AR 0 (1)) V (IR 3 (1) A IR 6 (1) A AR 0 (1)) V (IR 3 (0) A IR 6 (1) A AR 18 (1)) V (IR 3 (1) A IR 6 (0) A AR 18 (1))
5. ARF CRY STB A AR OV COND : AR OV FLAG SET
A AD CRY 0 (1) : AR CRY 0 FLAG SET
A AD CRY 1 (1) : AR CRY 1 FLAG SET

Table with 2 columns: REVISIONS, CHANGE NO. Rows include P02, P03, P04, P05.

Form with sections: UNLESS OTHERWISE SPECIFIED, TOLERANCES, MATERIAL, FINISH, PARTS LIST, and a title block for 'BASIC INSTRUCTION FLOW'.

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INSTRUCTION	JSR	JSP	JSA AC FM (E PC+1) E FM C(AC) PC FM E+1	JRA AC FM C(C(ACLT)) PC FME	JFCL	JRST	TEST	AOBJX
INITIAL SWITCHES	FAC INH E LONG	FAC INH	E LONG	FCC ACLT E LONG	FAC INH	FAC INH IR 10 (1): E LONG	TDXX: FCE TSXX: FCE E LONG	EF 0 LONG
INITIAL REGISTERS	AR; 0, E BR; 0, E MA; E	MA; E	AR; C(AC) BR; (0, E) MA; E	AR; AC SWAPPED BR; (0, E) MQ; C(C(ACLT)) MA; C(ACLT)	MA; E	MA; E BR; LAST MEM REF (FLAGS LT HALF)	AR; C(AC) BR; (0, E) C(E); MASK	AR; C(AC) MA; E
FT9			AD BR+EN	AD BR+EN			TXOX: AD BR+EN SET TXCX: AD AR+EN SET TX ^Z CX: AD BR-EN SET TXCX: AD CRY INS SET	AD AR+EN SET AD+1 BOTH
ET0	PC FM MA(J) AR RT FM PC(J) AR LT FM FLAGS(J)	PC FM MA(J) AR RT FM PC(J) AR LT FM FLAGS(J)	AR RT FM PC(J); PC+1 BR FM AR(J); C(AC) PC FM MA(J); E	AR FM AD(J); (0, E)	CONDITION Z; PC FM MA(J) IR 9(1): AR OV CLR IR 10(1): AR CRY 0 CLR IR 11(1): AR CRY 1 CLR IR 12(1): AR FOV CLR	AR FM PC(J) PC FM MA(J) IR 12(1): EX MODE SYNC SET IR 11(1): AR F FLAGS FM BR(J) IR 9(1): PIOK CLEARS PIH IR 10(1): RUN CLR	T ^S XX: AR SWAP T ^L XX: AR SWAP	AR FM AD(J) (AOBJN AND 0(1)): PC FM MA(J) (AOBJP AND 0(0)): PC FM MA(J)
ET1			AR LT FM AR RT(J); PC+1 AR RT FM PC(J); E	MA FM AR(J); E AR FM MQ(J); C(C(ACLT))		MA FM AR (J)	AD CRY INS CLR BR FM AR(0) TX ^O CX: AR FM AD[1] TX ^C CX: AR FM AD[0] TX ^Z CX: AR FM AD[0] AD BR-EN CLR AD BR+EN SET AD AR+EN CLR	
ET2	PC+1; E+1		PC+1; E+1 AR SWAP	PC FM MA(J); E			T ^S XX: AR SWAP T ^L XX: AR SWAP TXXAV(TXXE AND 0)V (TXXN AND 0): PC+1	
FINAL SWITCHES	SCE SAC INH		SAR+BR		SAC INH	SAC INH	TXVX: SAC INH	

NOTES:
 1. CONDITION Z = (IR 9(1) AND AR OV(1)) V (IR 10(1) AND AR CRY 0 FLAG(1)) V (IR 11(1) AND AR CRY 1 FLAG(1)) V (IR 12(1) AND AR FOV(1))
 2. FLAGS: 0) AR OV FLAG 6) EX IOT USER (CANNOT BE TURNED ON IN USER MODE)
 1) AR CRY 0 FLAG 7)
 2) AR CRY 1 FLAG 8)
 3) AR FOV 9)
 4) BYFG 10)
 5) EX USER (SAVED) 11) AR FXU
 EX MODE SYNC (RESTORE) 12) AR DCK

REV. NO.	REV.
1	1/11/66
2	2/27/67
3	2/27/67

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED	DRN	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS TITLE BASIC INSTRUCTION FLOW
UNLESS OTHERWISE SPECIFIED	CHKD.	DATE	
TOLERANCES	ENG.	DATE	
DECIMALS FRACTIONS ANGLES	PROJ. ENG.	DATE	
±.005 ± 1/64 ± 0°30'	PROD.	DATE	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL	FIRST USED ON		
FINISH	SCALE	SIZE CODE	NUMBER
SHEET	OF	D FD	BIF2 P03
	DIST.		REV. P03

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INSTRUCTION	SKIP AOSX SKIPX SOSX	JUMP AOSX JUMPX SOJX	CAM CAI	PUSH	PUSH J	POP	POPJ	XCT
INITIAL SWITCHES	EFØ LONG XOSX: FCE PSE SKIPX: FCE FAC INH	EFØ LONG	EFØ LONG CAMX: FCE	EFØ LONG FCE E LONG	EFØ LONG E LONG	EFØ LONG FCC ACRT E LONG		FAC INH PC+1, INH
INITIAL REGISTERS	AR; C(E)	AR; C(AC) MA; E	AR; C(AC) BR; (Ø, E) OR C(E)	AR; C(AC) BR; C(E) MA; E	AR; C(AC) BR; E MA; E MQ; Ø	AR; C(AC) BR; (Ø, E) MQ; C(ACRT) MA; C(ACRT)		MA; E
FT9	AD AR+EN SET AOSX: CRY 36 SOJX: AD BR+EN SET AD BR-EN SET		AD MINUS BR AD AR+EN SET	AD AR+EN SET AD CRY 36 SET AD+1 LH SET		AD AR+EN SET AD BR+EN AD-1 LH SET		
ETØ	AR FM AL(J) PC COND PV PC COND R: PC+1	AR FM AD(J) PC COND PV PC COND R: PC FM MA(J)	AR FM AD(J) PC COND PV PC COND Q: PC+1	AR FM AD(J) AD CRY Ø: CPA PDL OV SET	AR FM PC FLAGS(J) MQ FM AD(J) PC FM MA(J) AD CRY Ø: CPA PDL OV SET	MQ FM AD(J) AR FM MQ(J) -AD CRY Ø: CPA PDL OV SET AD AR+ ONLY EN		EXCTF SET
	XOSX: AR OV COND: AR OV FLAG SET VAD CRY Ø(1): AR CRY Ø FLAG SET VAD CRY 1(1): AR CRY 1 FLAG SET							
ET1				MA FM AR(J)	BR FM AR(J) AR FM MQ(J)	AR FM AD(J) BR FM AR(J)	MA FM AR(J) AR FM MQ(J)	
ET2					MA FM AR(J)	MA FM AR(J) AR FM MQ(J)	PC FM MA(J)	
FINAL SWITCHES	AC=Ø: SAC INH	JUMPX: SAC INH	SAC INH	SAR+BR	SAR+BR	SAR+BR		SAC INH

NOTES:

- $PC\ COND\ P = (IR6(\emptyset) \wedge AD = \emptyset \wedge IR7(1)) \vee (IR6(1) \wedge IR7(\emptyset) \wedge IR8(\emptyset)) \vee (IR6(1) \wedge AD = \emptyset \wedge IR8(\emptyset))$
 $PC\ COND\ Q = (IR6(\emptyset) \wedge AD\ COND \wedge IR8(1)) \vee (IR6(1) \wedge IR7(\emptyset) \wedge AD\ COND) \vee (IR6(1) \wedge AD = \emptyset \wedge AD\ COND)$
 $PC\ COND\ R = (IR6(\emptyset) \wedge IR8(1) \wedge AD\ \emptyset(1)) \vee (IR6(1) \wedge IR7(\emptyset) \wedge AD\ \emptyset(\emptyset)) \vee (IR6(1) \wedge AD = \emptyset \wedge AD\ \emptyset(\emptyset))$
- $AR\ OV\ COND = (AD\ CRY\ \emptyset(\emptyset) \wedge AD\ CRY\ 1(1)) \vee (AD\ CRY\ \emptyset(1) \wedge AD\ CRY\ 1(\emptyset))$
- $AD\ COND = (AD\ \emptyset(1) \wedge AD\ CRY\ \emptyset(1) \wedge AD\ CRY\ 1(1)) \vee (AD\ \emptyset(1) \wedge AD\ CRY\ \emptyset(\emptyset) \wedge AD\ CRY\ 1(\emptyset)) \vee (AD\ \emptyset(\emptyset) \wedge AD\ CRY\ \emptyset(1) \wedge AD\ CRY\ 1(\emptyset))$
 $\vee (AD\ \emptyset(\emptyset) \wedge AD\ CRY\ \emptyset(\emptyset) \wedge AD\ CRY\ 1(1))$

REVISIONS	REV.	DATE
CHANGE NO.	1	11-14-66
BY	REDAWN	
CHK	REDAWN	
	REVISED	2/27/67

UNLESS OTHERWISE SPECIFIED	DRN	DATE	PARTS LIST
UNLESS OTHERWISE SPECIFIED	CHKD.	DATE	
DIMENSION IN INCHES	ENG.	DATE	digital CORPORATION MAYNARD, MASSACHUSETTS TITLE BASIC INSTRUCTION FLOW
TOLERANCES	PROJ. ENG.	DATE	
DECIMALS FRACTIONS ANGLES	PROD.	DATE	
±.005 ± 1/64 ± 0°30'			
FINAL SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL	FIRST USED ON		
FINISH	SCALE		
	SHEET OF		

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DEVICE NAME	ABBREV	DEV#	FUNCTION	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	DATAI/DATAO ACTIONS	
PROCESSOR	CPA	000	CONO	CPA PDL OV CLR	IOB RESET	-	CPA ADR BREAK CLR	CPA MEM PROT FLAG CLR	CPA NON EX MEM CLR	CPA CLK EN CLR	CPA CLK EN SET	CPA CLK FLAG CLR	CPA FOV EN CLR	CPA FOV EN CLR	CPA FOV CLR	CPA AR OV EN CLR	CPA AR OV EN CLR	AR OV CLR	CPA PIA 33	CPA PIA 34	CPA PIA 35	NONE	
			CONI	-	CPA PDL OV (1)	EX IOT USER(1)	-	CPA ADR BREAK (1)	CPA MEM PROT FLAG (1)	CPA NON-EX MEM(1)	-	CPA CLK EN (1)	CPA CLK FLAG (1)	-	CPA FOV EN (1)	AR FOV(1)	-	CPA AR OV EN(1)	AR OV (1)	CPA PIA 33	CPA PIA 34		CPA PIA 35
			DATAO LEFT HALF	PR0	PR1	PR2	PR3	PR4	PR5	PR6	PR7	-	-	-	-	-	-	-	-	-	-		-
DATAO RIGHT HALF	RL18	RL19	RL20	RL21	RL22	RL23	RL24	RL25	-	-	-	-	-	-	-	-	-	-	-	-	-	NONE	
DATAI LEFT / RIGHT	DS0 / DS18	DS1 / DS19	DS2 / DS20	DS3 / DS21	DS4 / DS22	DS5 / DS23	DS6 / DS24	DS7 / DS25	DS8 / DS26	DS9 / DS27	DS10 / DS28	DS11 / DS29	DS12 / DS30	DS13 / DS31	DS14 / DS32	DS15 / DS33	DS16 / DS34	DS17 / DS35	-	-	-	NONE	
PRIORITY INTERRUPT SYSTEM	PI	004	CONO	CPA PWR FAIL CLR	CPA PAR ERR CLR	CPA PAR EN CLR	CPA PAR EN SET	-	PI RESET	PIR FM IOB(1)	PIO(1) FM IOB(1)	PIO(0) FM IOB(1)	PI ACT CLR	PI ACT SET	PI 1 SELECT	PI 2 SELECT	PI 3 SELECT	PI 4 SELECT	PI 5 SELECT	PI 6 SELECT	PI 7 SELECT	DATAO SET MI PROG	
			CONI	CPA PWR FAIL (1)	CPA PAR ERR (1)	CPA PAR EN (1)	PIH 1 (1)	PIH 2 (1)	PIH 3 (1)	PIH 4 (1)	PIH 5 (1)	PIH 6 (1)	PIH 7 (1)	PI ACT (1)	PIO 1 (1)	PIO 2 (1)	PIO 3 (1)	PIO 4 (1)	PIO 5 (1)	PIO 6 (1)	PIO 7 (1)		
			DATAO LEFT	MI 0/18	MF 1/19	2/20	MI 3/21	4/22	5/23	MF 6/24	7/25	8/26	MI 9/27	10/28	11/29	MI 12/30	13/31	14/32	MI 15/33	16/34	17/35		
PAPER TAPE PUNCH	PTP	100	CONO	-	-	-	-	-	-	-	-	-	-	-	-	PTP BIN	PTP BUSY	PTP DONE	PTP PIA 33	PTP PIA 34	PTP PIA 35	PTP DONE CLR PTP BUSY SET	
			CONI	-	-	-	-	-	-	-	-	-	-	-	-	PTP NO TAPE	PTP BIN (1)	PTP BUSY (1)	PTP DONE (1)	PTP PIA 33 (1)	PTP PIA 34 (1)		PTP PIA 35 (1)
			DATAO	-	-	-	-	-	-	-	-	-	-	PTP HOLE 8	PTP HOLE 7	PTP HOLE 6	PTP HOLE 5	PTP HOLE 4	PTP HOLE 3	PTP HOLE 2	PTP HOLE 1		
PAPER TAPE READER	PTR	104	CONO	-	-	-	-	-	-	-	-	-	-	-	PTR EOT	PTR BIN	PTR BUSY	PTR DONE	PTR PIA 33	PTR PIA 34	PTR PIA 35	PTR DONE CLR PTR BUSY SET	
			CONI	-	-	-	-	-	-	-	-	-	-	-	-	PTR EOT (1)	PTR BIN (1)	PTR BUSY (1)	PTR DONE (1)	PTR PIA 33 (1)	PTR PIA 34 (1)		PTR PIA 35 (1)
			DATAI LEFT / RIGHT	PTR0 / PTR18	PTR1 / PTR19	PTR2 / PTR20	PTR3 / PTR21	PTR4 / PTR22	PTR5 / PTR23	PTR6 / PTR24	PTR7 / PTR25	PTR8 / PTR26	PTR9 / PTR27	PTR10 / PTR28	PTR11 / PTR29	PTR12 / PTR30	PTR13 / PTR31	PTR14 / PTR32	PTR15 / PTR33	PTR16 / PTR34	PTR17 / PTR35		
TELETYPE	TTY	120	CONO	-	-	-	-	-	-	-	TTI BUSY CLR	TTI FLAG CLR	TTO BUSY CLR	TTO DONE CLR	TTI BUSY SET	TTI FLAG SET	TTO BUSY SET	TTO DONE SET	TTY PIA 33	TTY PIA 34	TTY PIA 35	TTO DONE CLR TTO BUSY SET TTI FLAG CLR	
			CONI	-	-	-	-	-	-	-	-	-	-	-	-	TTI BUSY (1)	TTI FLAG (1)	TTO BUSY (1)	TTO DONE (1)	TTY PIA 33 (1)	TTY PIA 34 (1)		TTY PIA 35 (1)
			DATAO	-	-	-	-	-	-	-	-	-	-	-	-	TTO 0	TTO 1	TTO 2	TTO 3	TTO 4	TTO 5		TTO 6	TTO 7
DATAI	-	-	-	-	-	-	-	-	-	-	-	-	-	TTI 0	TTI 1	TTI 2	TTI 3	TTI 4	TTI 5	TTI 6	TTI 7		
PROGRAM COUNTER FLAGS SAVED BY JSP, ETC.				AR OV FLAG(1)	AR CRY 0 FLAG(1)	AR CRY 1 FLAG(1)	AR FOV (1)	BYFG (1)	EX USER (1)	CPA ZOT USER(1)	-	-	-	-	AR FXU (1)	AR DCK(1)	*	*	*	*	*		

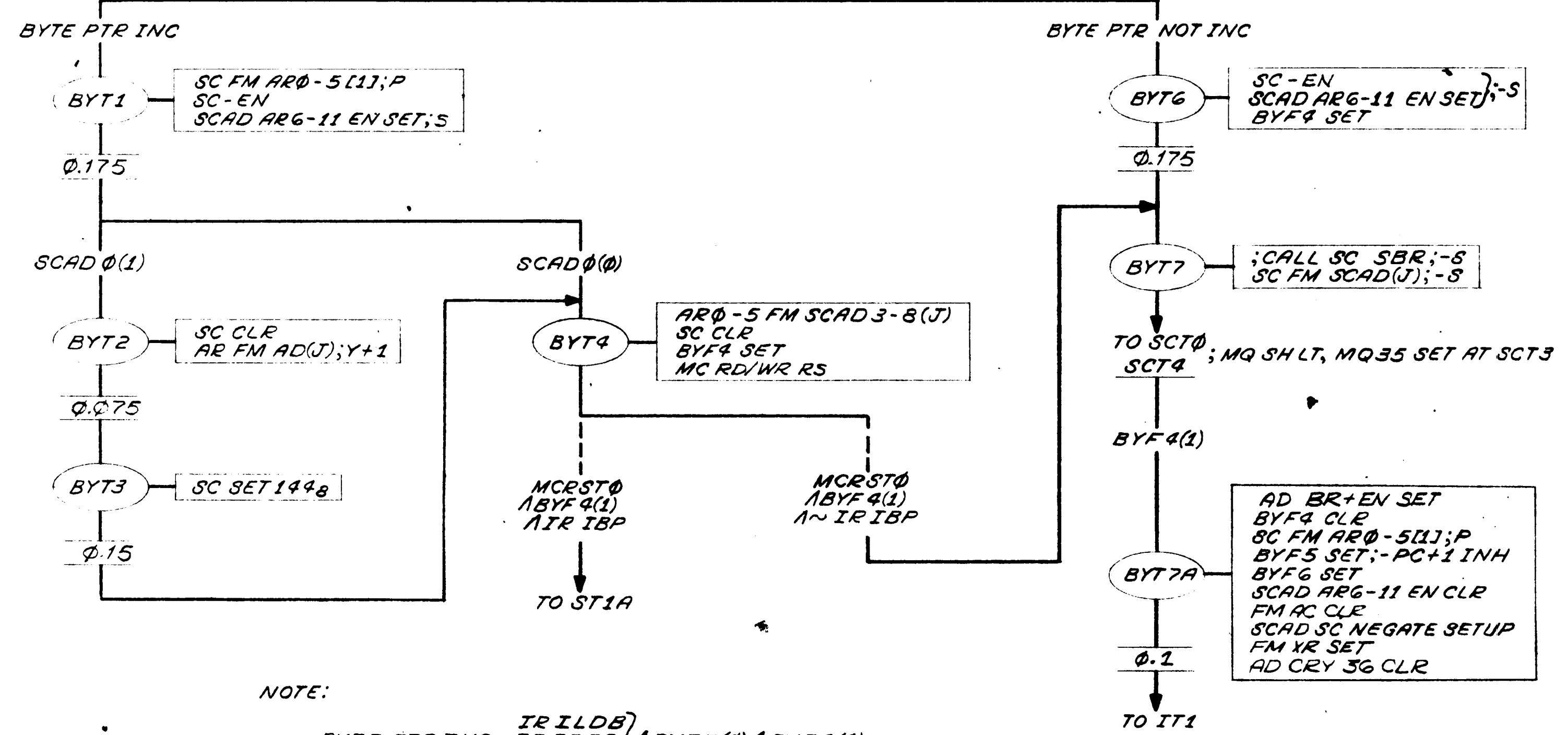
* THESE BITS NOT AVAILABLE FOR FLAGS SINCE THEY WILL CAUSE ADDRESS MODIFICATION WHEN INDIRECTED THRU

REV.	CHG.	NO.	DATE	BY
1	1	1	1/1/64	...
2	1	1	2/1/64	...
3	1	1	3/1/64	...

QTY.	DESCRIPTION	PART NO.	ITEM NO.
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			
MATERIAL		FIRST USED ON	
FINISH		SCALE	OF
SIZE CODE		NUMBER	REV.
D FD		KAN0-O-BIOR	P03
SHEET		DIST.	

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INSTRUCTION	BYTE (FIRST PART BYF5(0))	BYTE (SECOND PART BYF5(1))	
		XLDB	XDPB
INITIAL SWITCHES	FAC INH BYTE PTR INC: FCE PSE BYTE PTR NOT INC: FCE -IR IBP: PC+1 INH BYTE PTR INC V BYTE PTR NOT INC: ST INH	FAC INH FCE ST INH	FCE ST INH
INITIAL REGISTERS	AR; C(E); POINTER BR; C(E); POINTER IR 13-17; C(E 13-17); I, X OF POINTER	AR; C(E); DATA WORD BR; C(E); DATA WORD SC; P MQ; MASK	AR; C(AO); BYTE BR; C(E); DESTINATION WORD SC; P MQ; MASK
FT9	BYTE PTR INC: AD AR+EN SET AD CRY 3G SET		
ET0		SC FM SCAD(J); -P ; CALL SC SBR	SC FM SCAD(J); -P ; CALL SC SBR



FINAL SWITCHES	IBP: SAC INH		SAC INH SCE
----------------	--------------	--	----------------

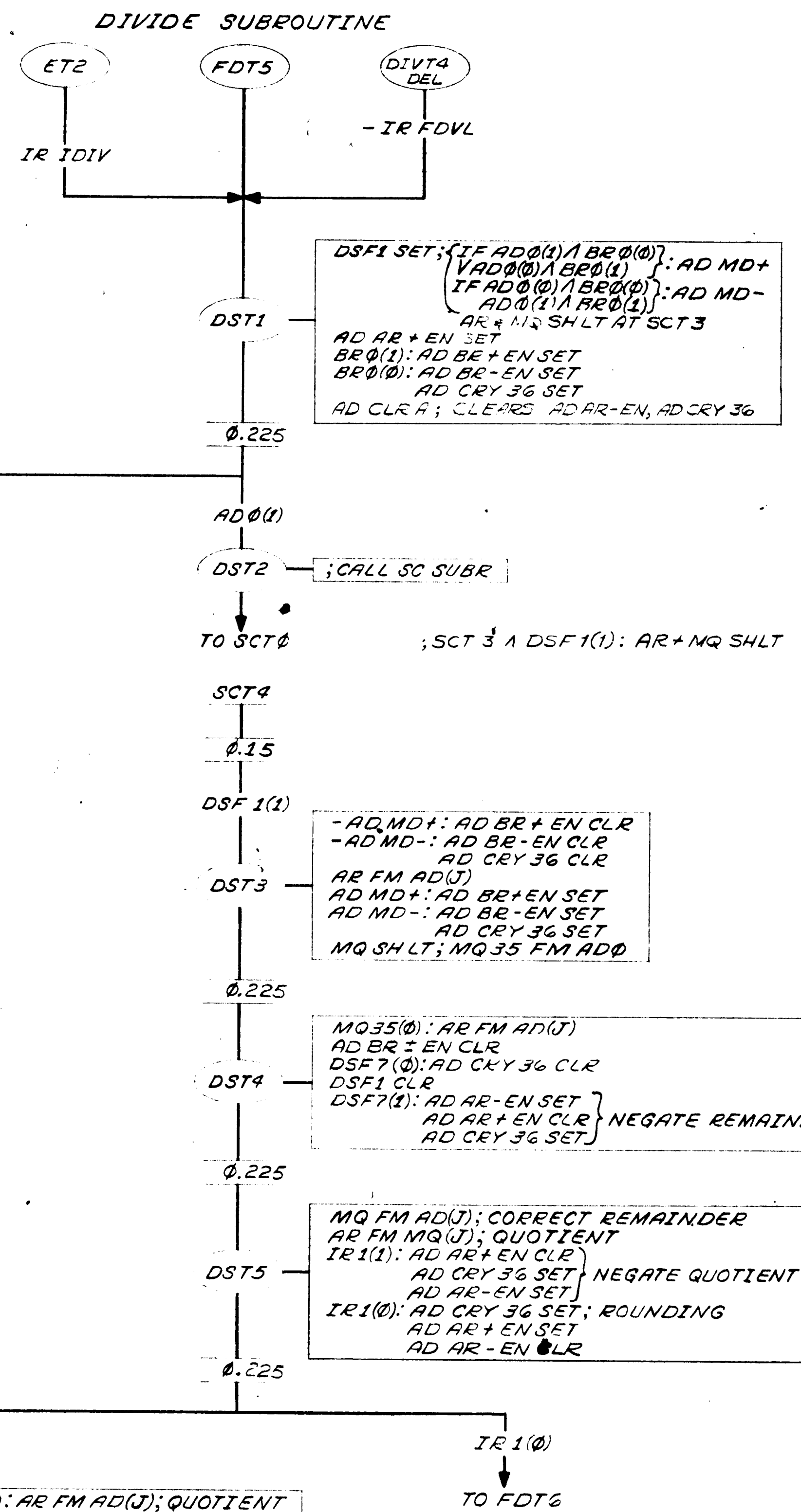
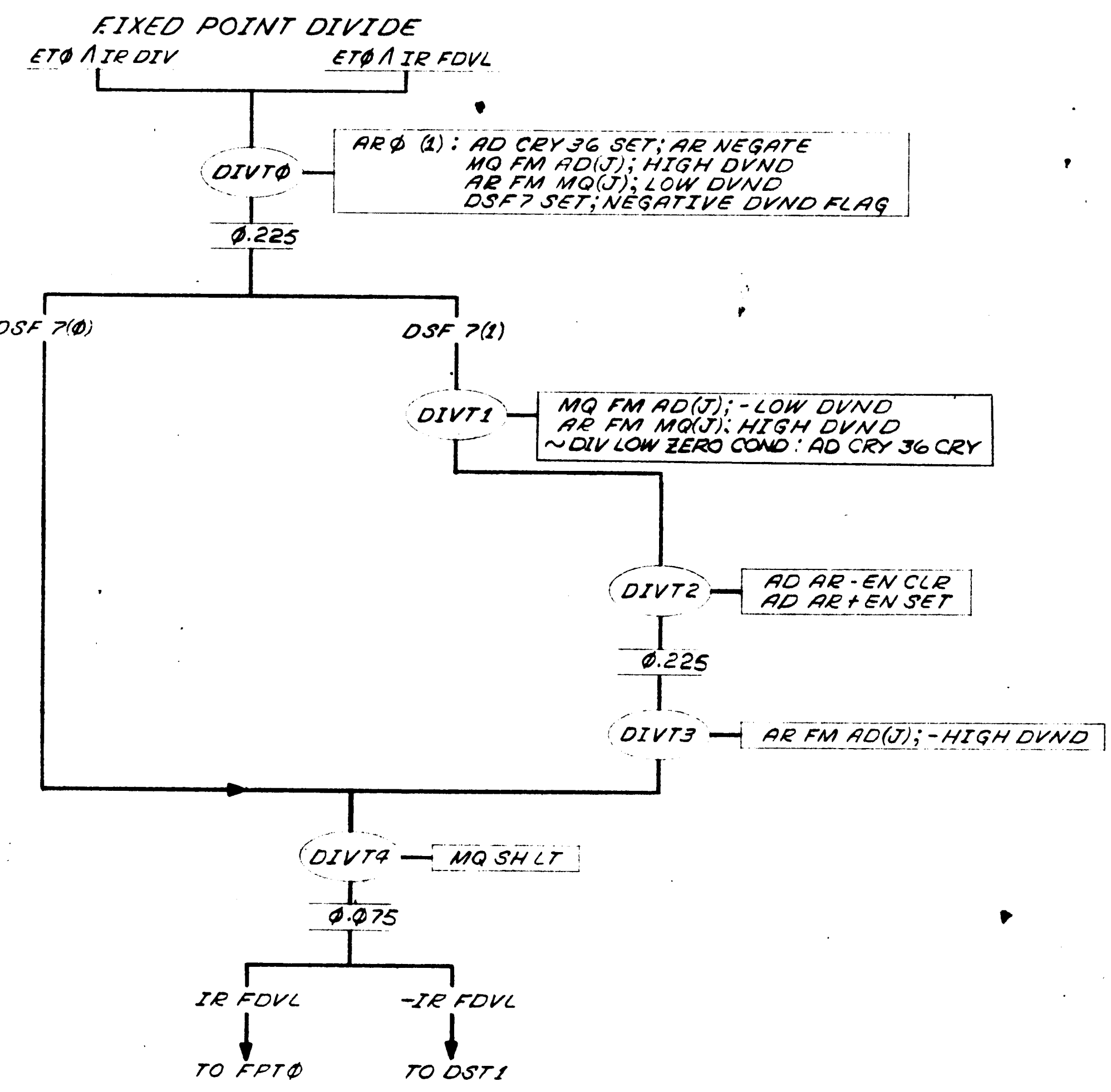
BYTE LOAD = (IR ILDB V IR LDB) ^ BYF5(1)
 BYTE DEPOSIT = (IR IDPB V IR DPB) ^ BYF5(1)

REV.	CHANGE NO.	REV.
REDESIGNED	1/16/66	AP1
REVISED	2/27/67	AP2
REVISED	3/28/67	AP3
REVISED	4/15/67	AP4
REVISED	5/16/67	AP5
REVISED	6/16/67	AP6

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
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		FIRST USED ON	
FINISH		SCALE	
SHEET		OF	
DRN		DATE	
CHKD.		DATE	
ENG.		DATE	
PROJ. ENG.		DATE	
PROD.		DATE	
TITLE		SIZE CODE	
digital EQUIPMENT CORPORATION		NUMBER	
MAYNARD, MASSACHUSETTS		REV.	
BYTE INSTRUCTION FLOW		BYTF P06	
D FD		DIST.	

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INSTRUCTION	IDIVX	DIVX
INITIAL SWITCHES	- IDIV1: FCE EF0 LONG E LONG ST INH	FAC2 - DIV1: FCE ST INH
INITIAL REGISTERS	AR; C(AC); DIVIDEND BR; 0, E or C(E); DIVISOR MQ; 0	AR; C(AC); HIGH DIVIDEND BR; 0, E or C(E); DIVISOR MQ; C(AC2); LOW DIVIDEND
FT9	AD AR NEGATE	AD AR-EN SET
ET0	AR0B(1): AR FM AD(J); -DVND DSF7 SET SC MD SETUP AD AR-EN CLR AD AR+EN SET AD CRY36 CLR	SC MD SETUP (TO DIVT0)
ET1	MQ FM AD(J) AR CLR	
ET2	MQ SHLT (TO DST1)	
FINAL SWITCHES		XDIVM: SAC INH XDIV(I): SAC2 XDIV(M): SCE



DIV LOW ZERO COND = (IR1(0) AND B-35) V(IR1(0) AND CRY1)

REVISIONS

CHK	CHANGE NO.	REV.	DATE
	1	REVISED	11-1-64
	2	REVISED	2/28/67
	3	REVISED	3/27/67
	4	REVISED	9/5/67

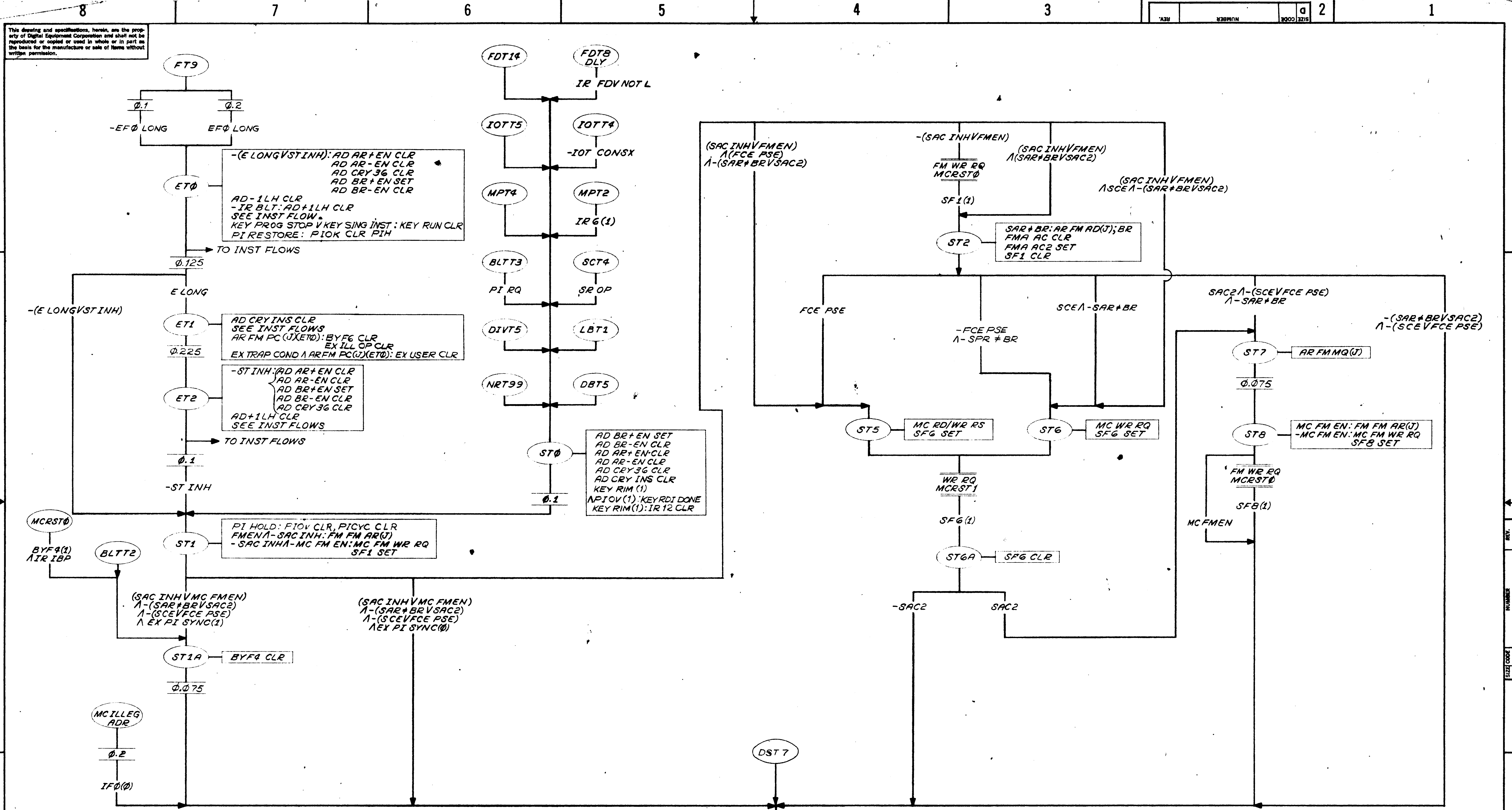
QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DRN	DATE
UNLESS OTHERWISE SPECIFIED		CHKD	DATE
DIMENSION IN INCHES		ENG.	DATE
TOLERANCES		PROJ. ENG.	DATE
DECIMALS FRACTIONS ANGLES		PROD.	DATE
± .005 ± 1/64 ± 0°30'		FIRST USED ON	
FINAL SURFACE QUALITY		SCALE	
REMOVE BURRS AND BREAK SHARP CORNERS		SHEET OF	
MATERIAL		SIZE CODE	
FINISH		NUMBER	
		REV.	

DATE: 11-4-66

TITLE: **FIXED POINT DIVIDE & DIVIDE SUBROUTINE**

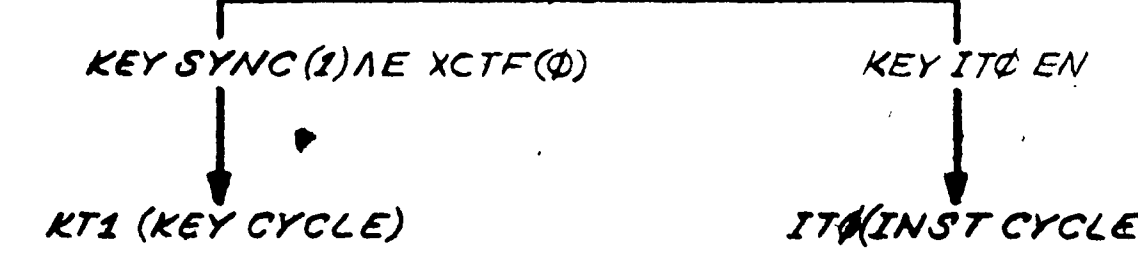
SIZE CODE: D FD NUMBER: DIVF REV: P04

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REV.	CHANGE NO.	DATE	BY	CHK
1	11-16-66	11-16-66	11-16-66	11-16-66
2	2/28/67	2/28/67	2/28/67	2/28/67
3	4/15/67	4/15/67	4/15/67	4/15/67
4	4/15/67	4/15/67	4/15/67	4/15/67

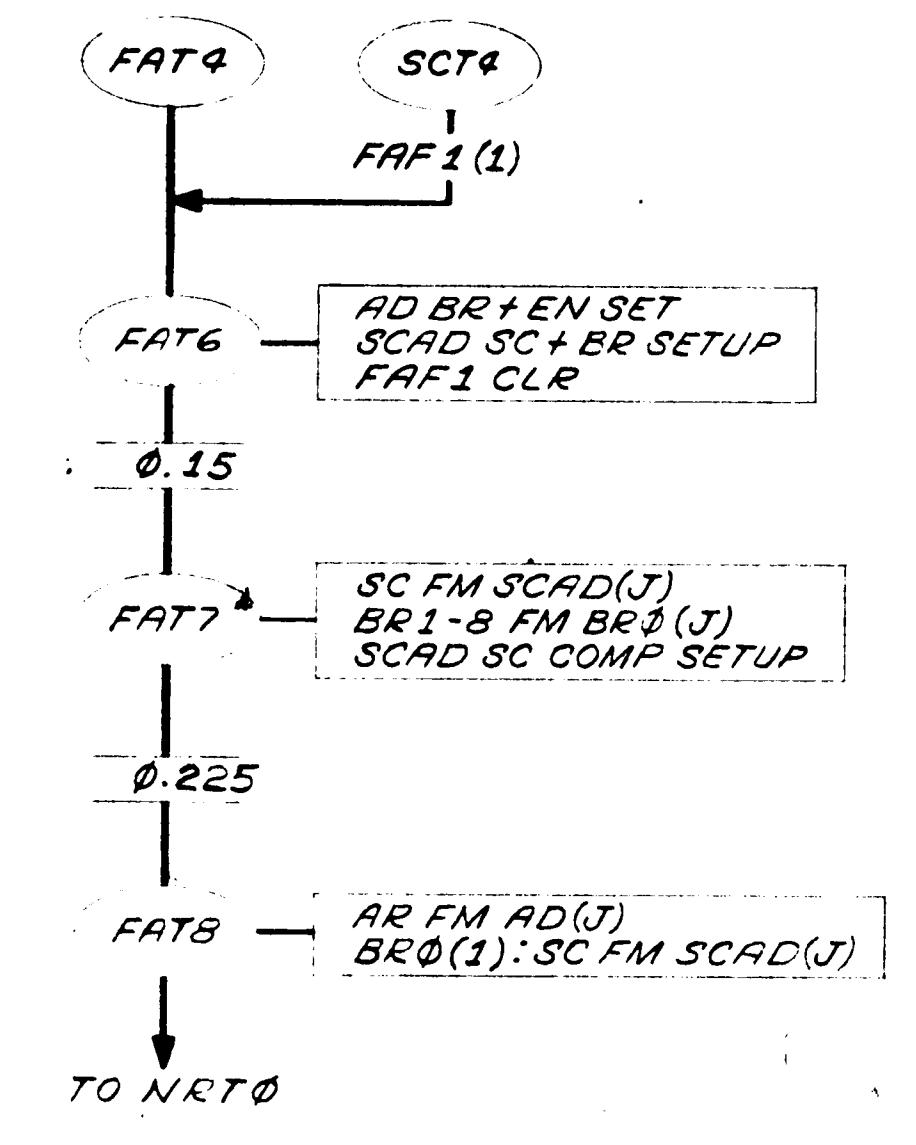
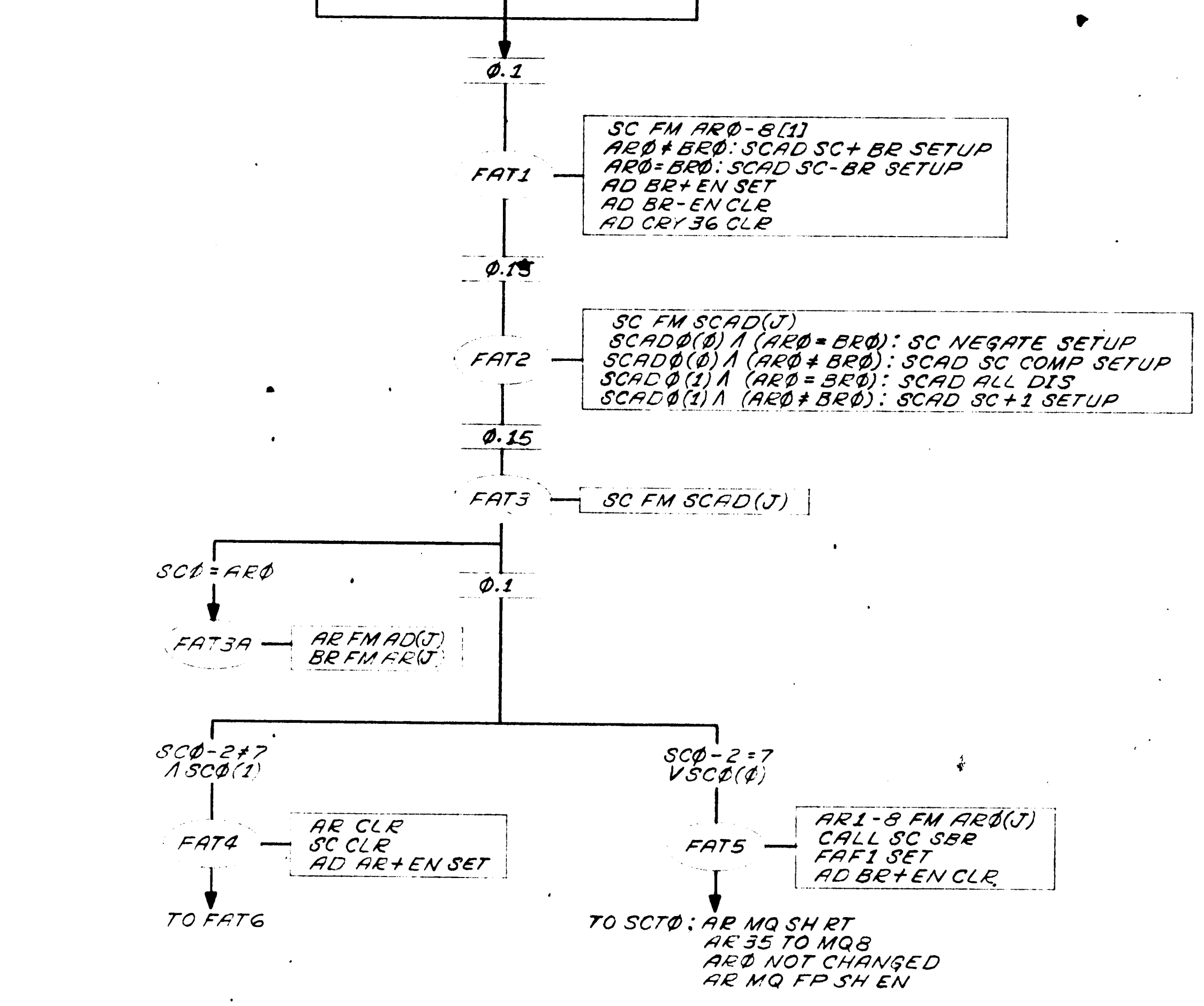
EX TRAP COND = EX ILL OP(1) V EX PI SYNC(1)



QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
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		FIRST USED ON	
FINISH		SCALE	
SHEET		OF	
DRN. DATE 11-15-66		DATE	
CHKD. DATE		DATE	
ENG. DATE		DATE	
PROJ. ENG. DATE		DATE	
PROD. DATE		DATE	
TITLE		SIZE CODE	
EXECUTE AND STORE CYCLES		NUMBER	
D FD		REV. ESC P04	
DIST.			

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INSTRUCTION	FAD	FSB	UFA
INITIAL SWITCHES	IRFP-IMM:FCE ST INH	EF0 LONG IRFP-IMM:FCE ST INH	FCE ST INH
INITIAL REGISTERS	AR;C(AC) BR;C(E)/E,0 SC;0 MQ;0	AR;C(AC) BR;C(E)/E,0 SC;0 MQ;0	AR;C(AC) BR;C(E) SC;0 MQ;0
FT9		AD MINUS BR	
ET0		AR FM AD(J) BR FM AR(J)	FMA AC2 SET FMA AC CLR



REV.	CHANGE NO.	DATE	BY
1	1	11/16/66	PA1
2	2	2/28/67	PA2
3	3	9/5/67	PA3

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DRN. <i>Alma</i> DATE <i>11/16/66</i>	
UNLESS OTHERWISE SPECIFIED		CHKD. <i>[Signature]</i> DATE	
DIMENSION IN INCHES		ENG. DATE	
TOLERANCES		PROJ. ENG. DATE	
DECIMALS ± .005	FRACTIONS ± 1/64	ANGLES ± 0°30'	PROD. DATE
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS		FIRST USED ON	
MATERIAL		SCALE	
FINISH		SHEET OF	
TITLE		NUMBER	
FLOATING ADD, SUB, & UFA FLOW		REV. <i>PA3</i>	
SIZE CODE <i>D FD</i>		DIST.	

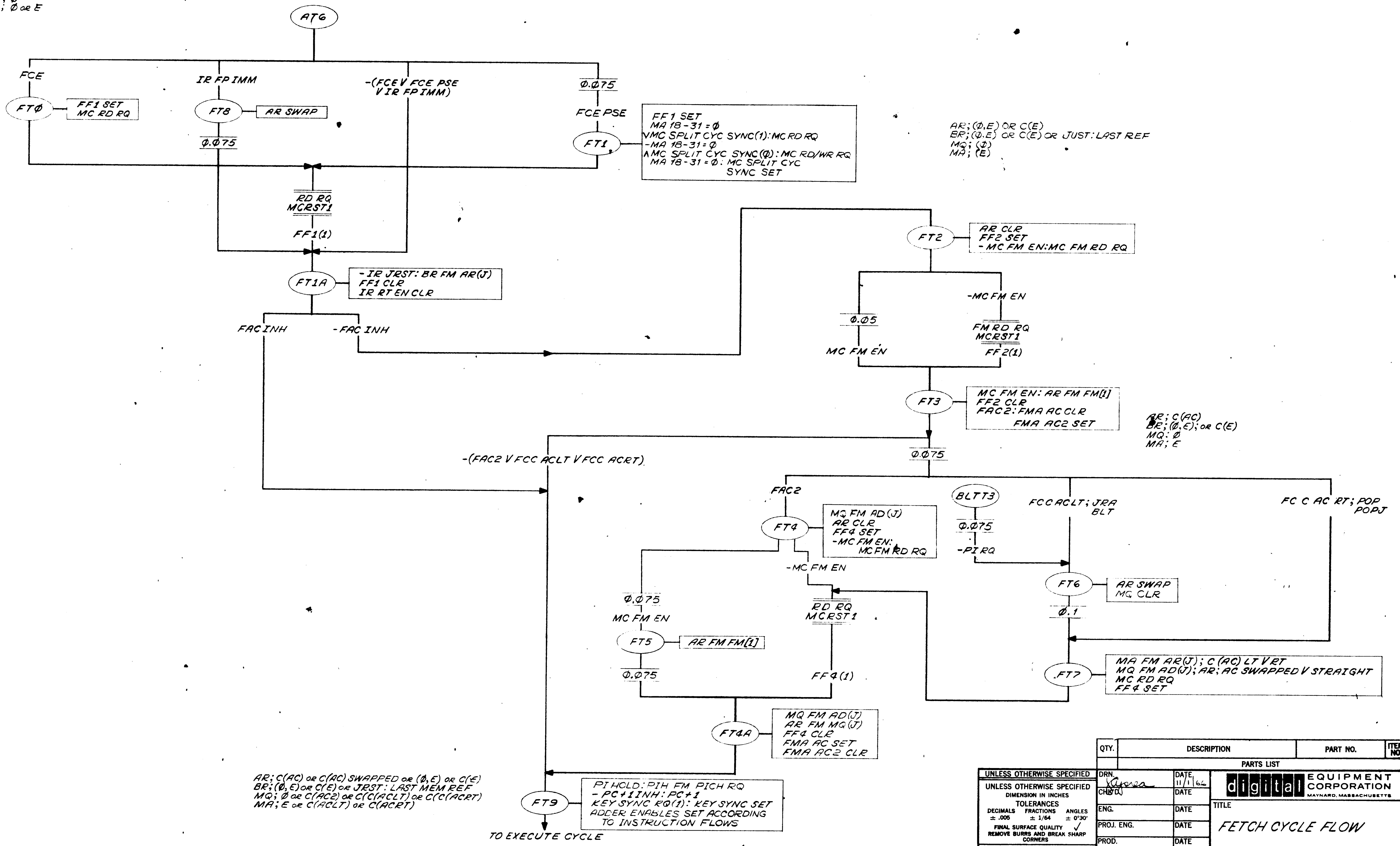
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AR; \emptyset, E
BR; LAST REF
MQ; \emptyset
MA; \emptyset or E

AR; (\emptyset, E) OR C(E)
BR; (\emptyset, E) OR C(E) OR JUST: LAST REF
MQ; (\emptyset)
MA; (E)

AR; C(AC)
BR; (\emptyset, E); or C(E)
MQ; \emptyset
MA; E

AR; C(AC) or C(AC) SWAPPED or (\emptyset, E) or C(E)
BR; (\emptyset, E) or C(E) or JUST: LAST MEM REF
MQ; \emptyset or C(AC2) or C(ACLT) or C(C(ACRT))
MA; E or C(ACLT) or C(ACRT)



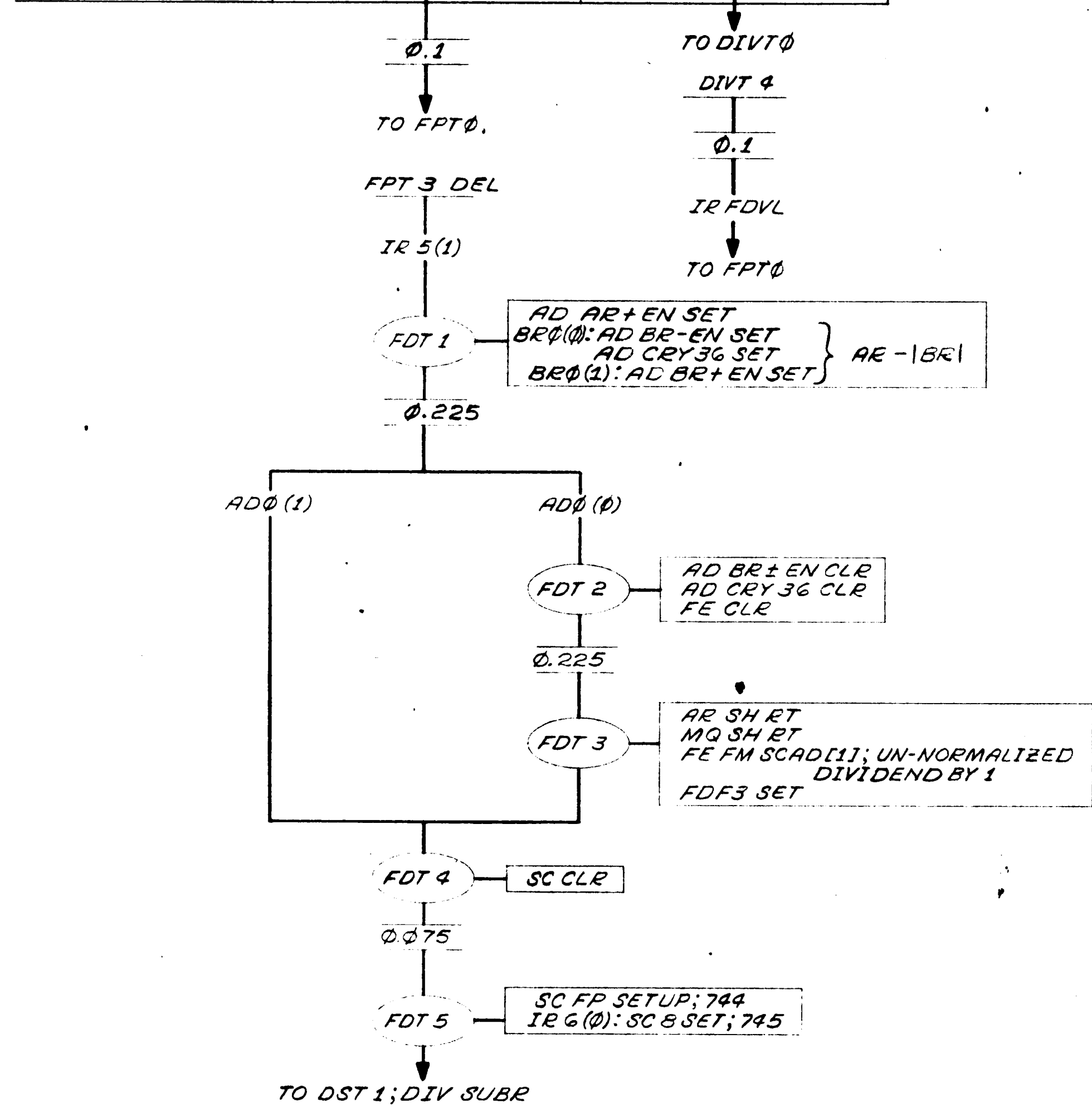
REV.	CHG	NO.	DATE	BY
1	P02			
2	P03			
3	P04			

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
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			
MATERIAL		FIRST USED ON	
FINISH		SCALE	
		SHEET OF	
		DIST.	
DRN. <i>Arora</i>		DATE 11/1/66	
CHK'D		DATE	
ENG.		DATE	
PROJ. ENG.		DATE	
PROD.		DATE	
TITLE		REV.	
digital EQUIPMENT CORPORATION		P04	
MAYNARD, MASSACHUSETTS			
SIZE CODE		NUMBER	
D/FD		FC	

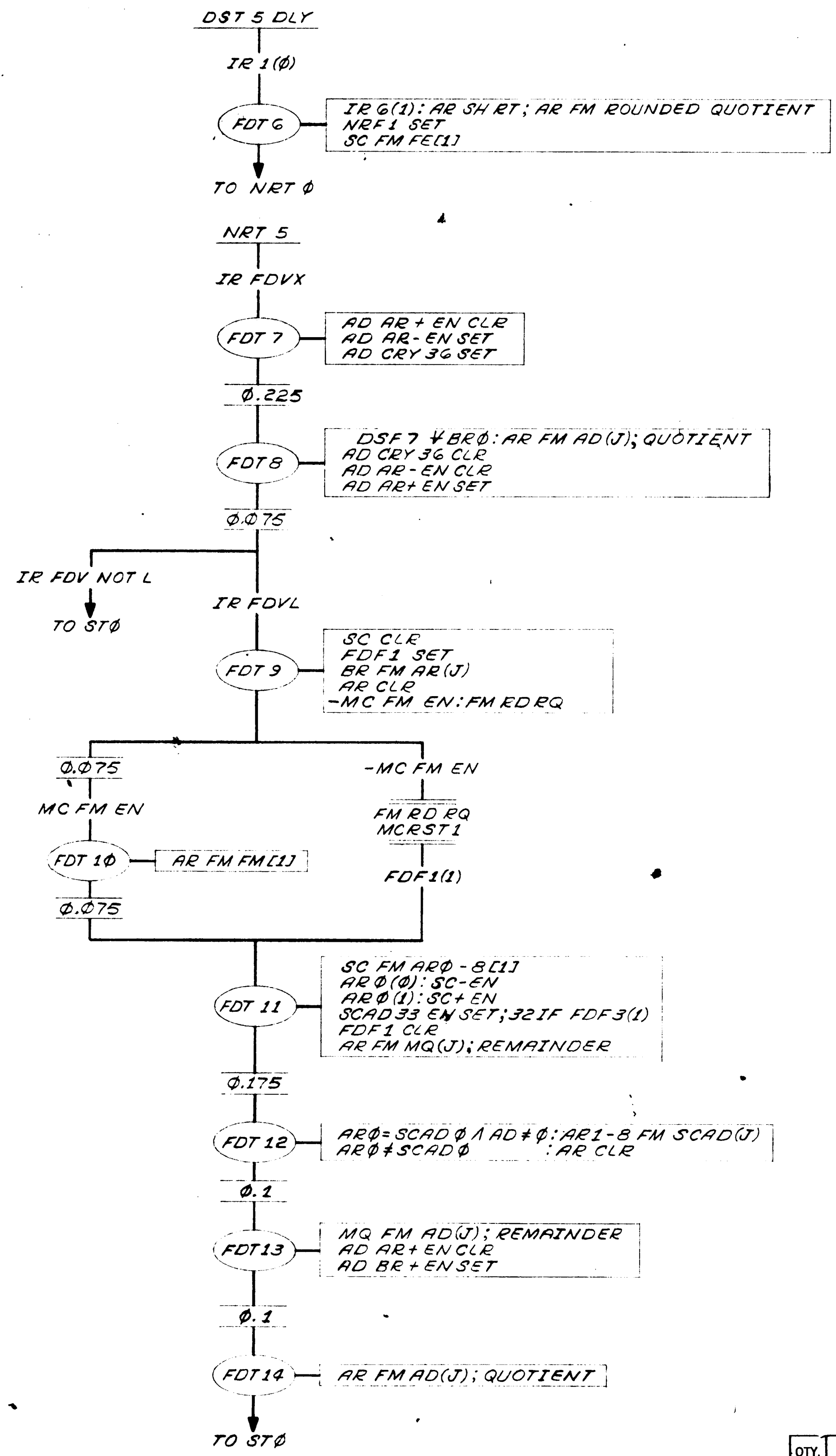
FETCH CYCLE FLOW

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INSTRUCTION	FDV	FDVL
INITIAL SWITCHES		FDVL: FAC2 IR FP-IMM: FCE ST INH
INITIAL REGISTERS		AR; AC; DIVIDEND BR; C(E) OR E; DIVISOR SC; 0 MQ; 0 OR C(AC2) FE; 0
FT9	AD AR NEGATE	AD AR-EN SET
ET0	AR0B(0): AR FM AD(J) DSF7 SET	



FINAL SWITCHES	XXX M: SCE XXX B: SAC INH	SAC2
----------------	------------------------------	------



SUMMARY
 BR; QUOTIENT W/ EXPONENT
 MQ; REMAINDER W/O EXPONENT
 AR; DIVIDED W/ EXPONENT
 SC; EXPONENT OF DIVIDEND

REV.	CHG.	NO.	DATE	BY
1	REDRAWN	10/29/66	LDZ	
2	REVISED	2/28/67	DDZ	
3	REVISED	4/5/67	DDZ	

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN.	DATE	10-29-66	
CHK'D.	DATE		
ENG.	DATE		
PROJ. ENG.	DATE		
PROD.	DATE		
FIRST USED ON		SIZE CODE	NUMBER
SCALE		D	FDVF
SHEET OF		DIST.	REV. P03

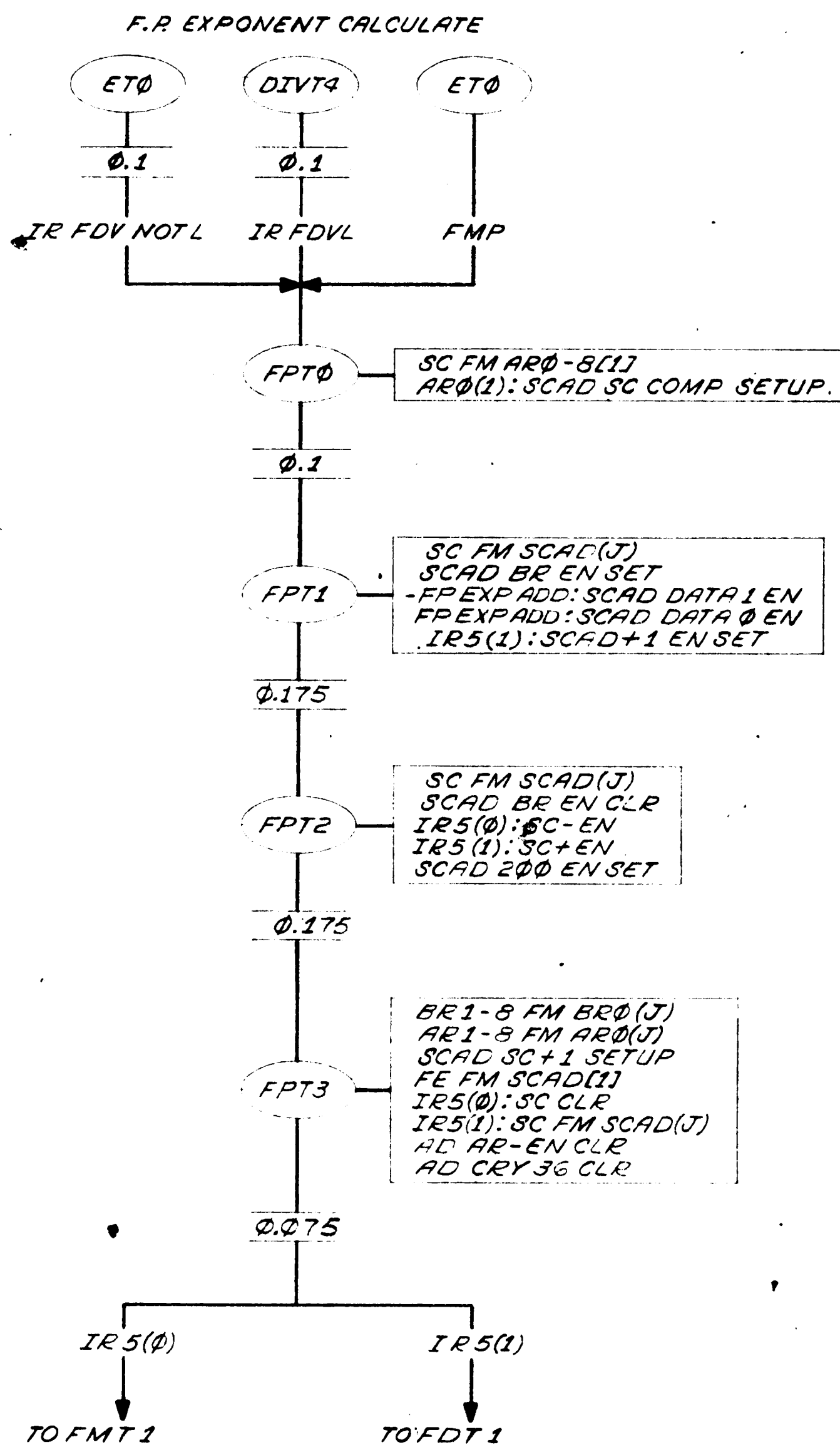
digital EQUIPMENT CORPORATION
 MAYNARD, MASSACHUSETTS
 TITLE: **FLOATING DIVIDE**

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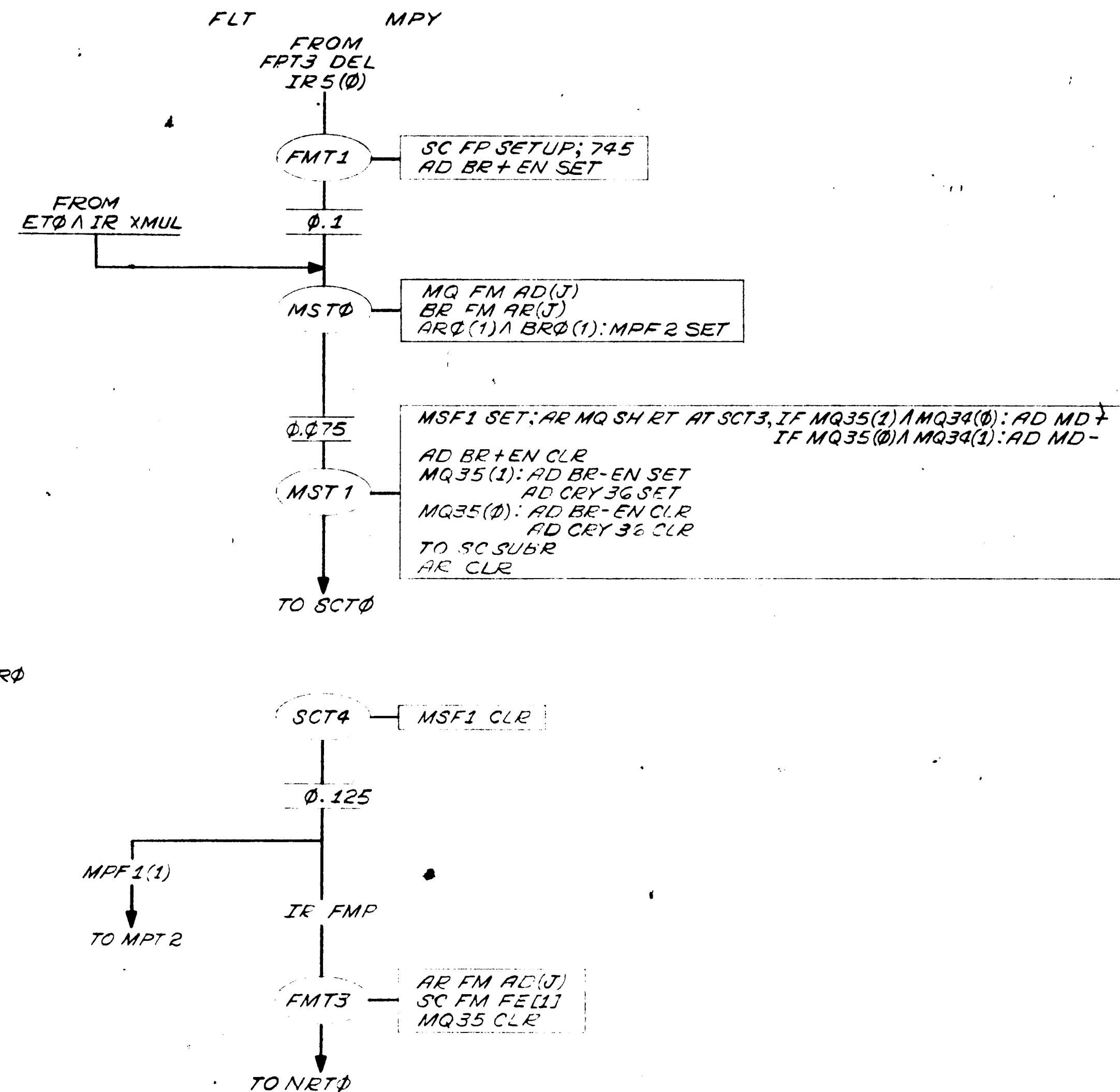
INSTRUCTION	FMP
INITIAL SWITCHES	-FP IMM: FCE ST INH
INITIAL REGISTERS	AR: C(AC) BR: C(E) OR (E, 0) SC: 0
FT9	
ET0	

FINAL SWITCHES:

XXXM: SAC INH
XXXM: SCE
XXXL: SAC 2
XXXB: SC5



NOTE: FP EXP ADD =
IR5 + BR0



REVISIONS

CHK	CHANGE NO.	REV.
	REDRAWN 7/16/66	P02
	REVISED 2/28/67	P03
	REVISED 4/27/67	P04

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DRN. <i>Y. G. G.</i> DATE <i>11/16/66</i>	
UNLESS OTHERWISE SPECIFIED		CHKD. DATE	
DIMENSION IN INCHES		TOLERANCES	
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINAL SURFACE QUALITY		✓	
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL		FIRST USED ON	
FINISH		SCALE	
		SHEET OF	
		SIZE CODE	
		NUMBER	
		REV.	
		D.F.D.	
		FPMC P04	

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE
FP EXP CALCULATE
SUBR
FM & MPY SUBR

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INSTRUCTION	FSC FLOATING SCALE (132)	DFN DOUBLE FLOATING NEGATE (131)
INITIAL SWITCHES	ST INH E LONG	E LONG FCE PSE EFØ LONG
INITIAL REGISTERS	BR; Ø. E AR; C(AC) SC; Ø	BR; C(E) AR; C(AC) SC; Ø
FT9		AD MINUS BR SCAD SC+BR SETUP
ETØ	SC FM BR(1); E ARØ(Ø): SCAD SC+BR SETUP ARØ(1): SCAD SC-BR SETUP	SC FM SCAD(J) BR FM AR(J) AR FM AD(J) AD 9-35+Ø: AD CEY 36 CLR SCAD FØ DIS
ET1	AR1-8 FM ARØ(J)	ARØ-8 FM SCAD(J)
ET2	SC FM SCAD(J)	BR FM AR(J) AR FM AD(J)

TO NKTØ

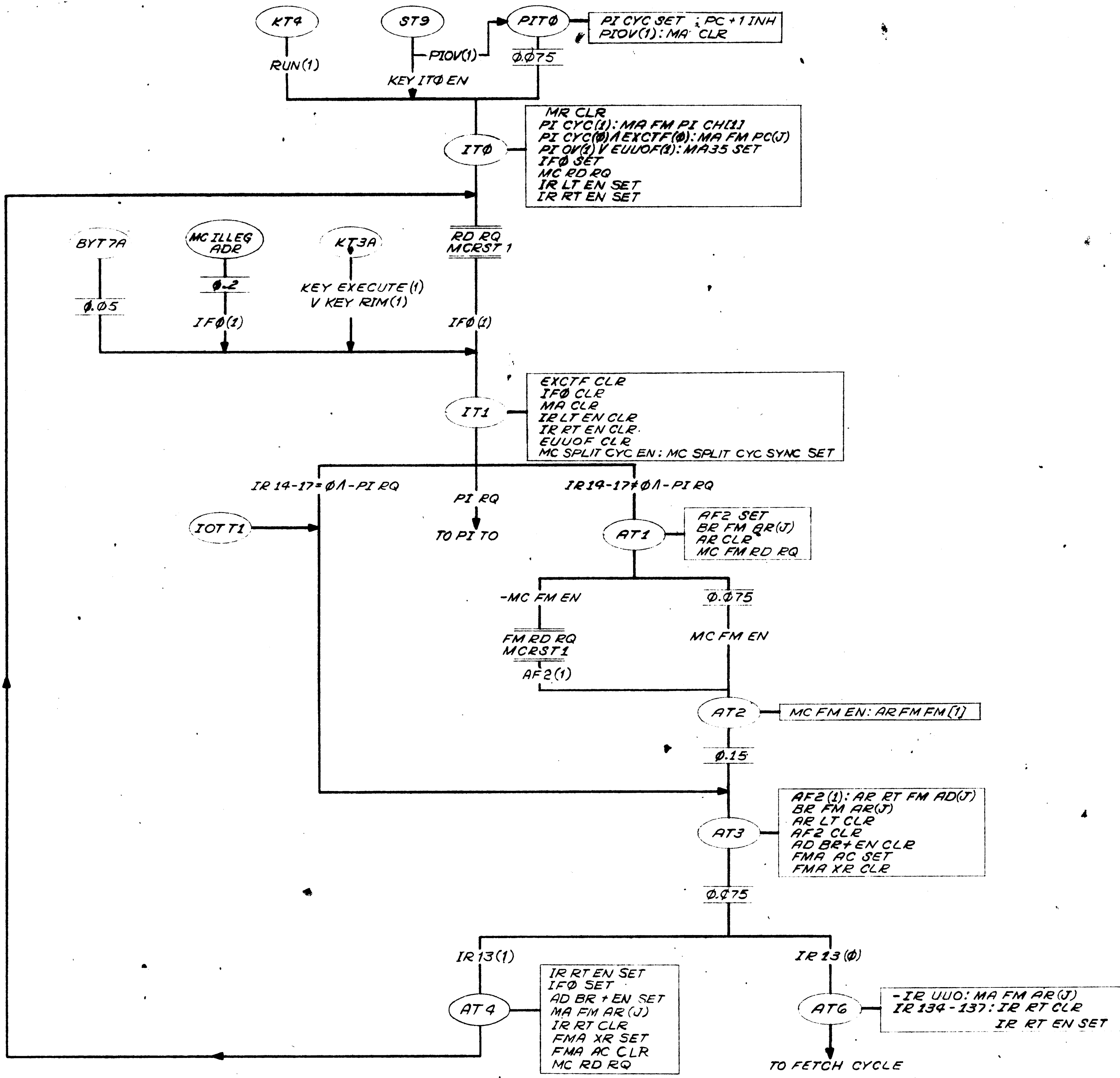
FINAL SWITCHES		SAR ≠ BR
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REV.	CHG. NO.	REV.
F41	11/7/66	WJ
P02	2/25/67	WJ

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DRN. <i>WJ</i> DATE <i>11/16/66</i>	
UNLESS OTHERWISE SPECIFIED		CHKD. <i>WJ</i> DATE	
DIMENSION IN INCHES		TOLERANCES	
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINAL SURFACE QUALITY		✓	
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL	FIRST USED ON	TITLE	
		digital CORPORATION MAYNARD, MASSACHUSETTS	
		FLOATING SCALE & DOUBLE FLOATING NEGATE	
FINISH	SCALE	SIZE CODE	NUMBER
		D FD	FSDN F02
SHEET	OF	DIST.	

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MR CLR:
 IR CLR
 MQ LT, MQ RT CLR
 AD BR+EN SET
 AD BR+EN SET
 AD OTHERS CLR
 FM XR SET
 FM OTHERS CLR
 SUBROUTNES CLR
 EX MODE SYNC(1):
 EX USER SET



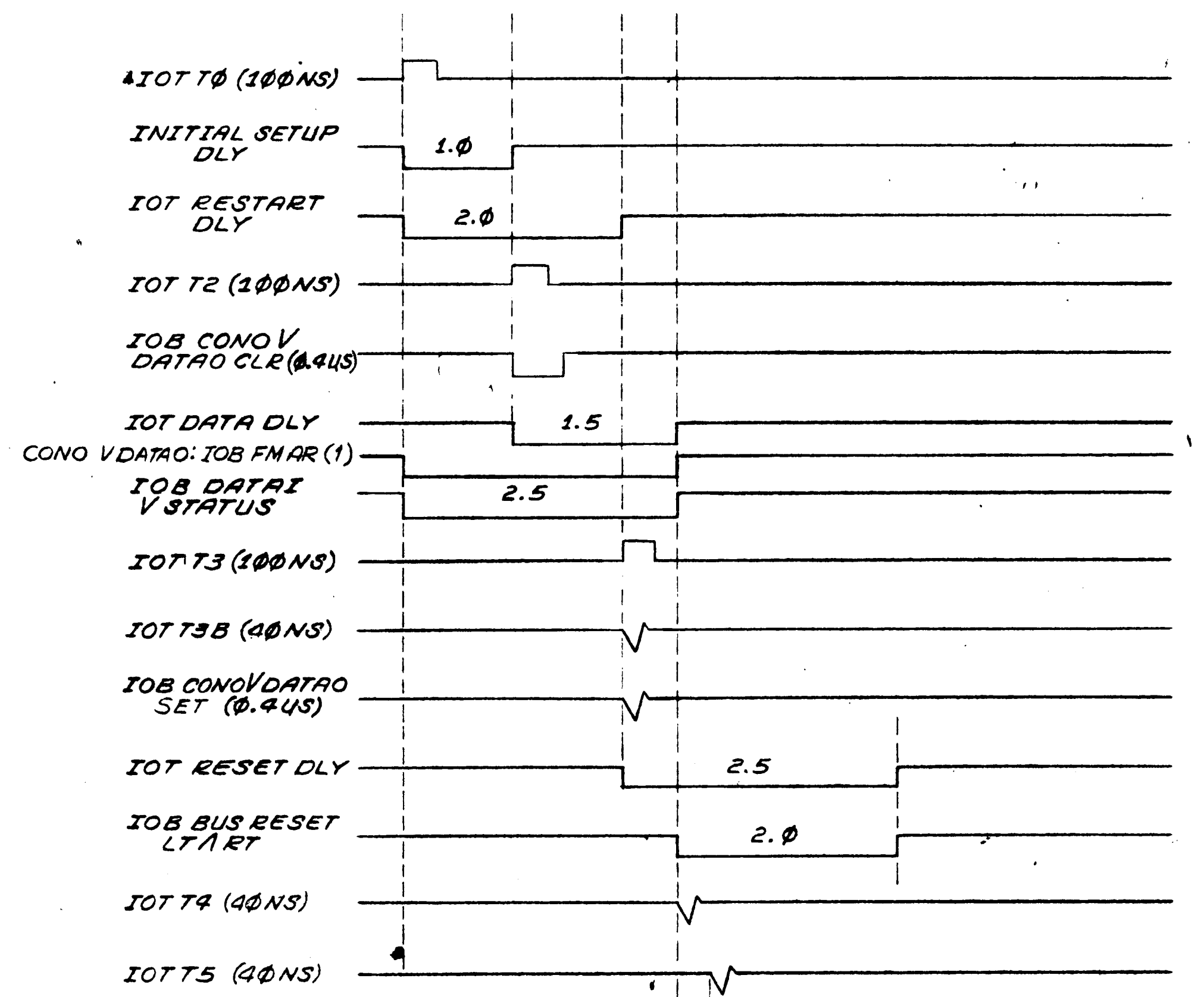
AR: 0, E
 BR: LAST REF
 MQ: 0
 MA: 0 or E

REV.	CHANGE NO.	REV.
REVISED	11/9/66	PMZ
REVISED	3/11/67	PMZ
REVISED	3/23/67	PMZ
REVISED	3/27/67	PMZ
REVISED	4/15/67	PMZ
REVISED	4/18/67	PMZ

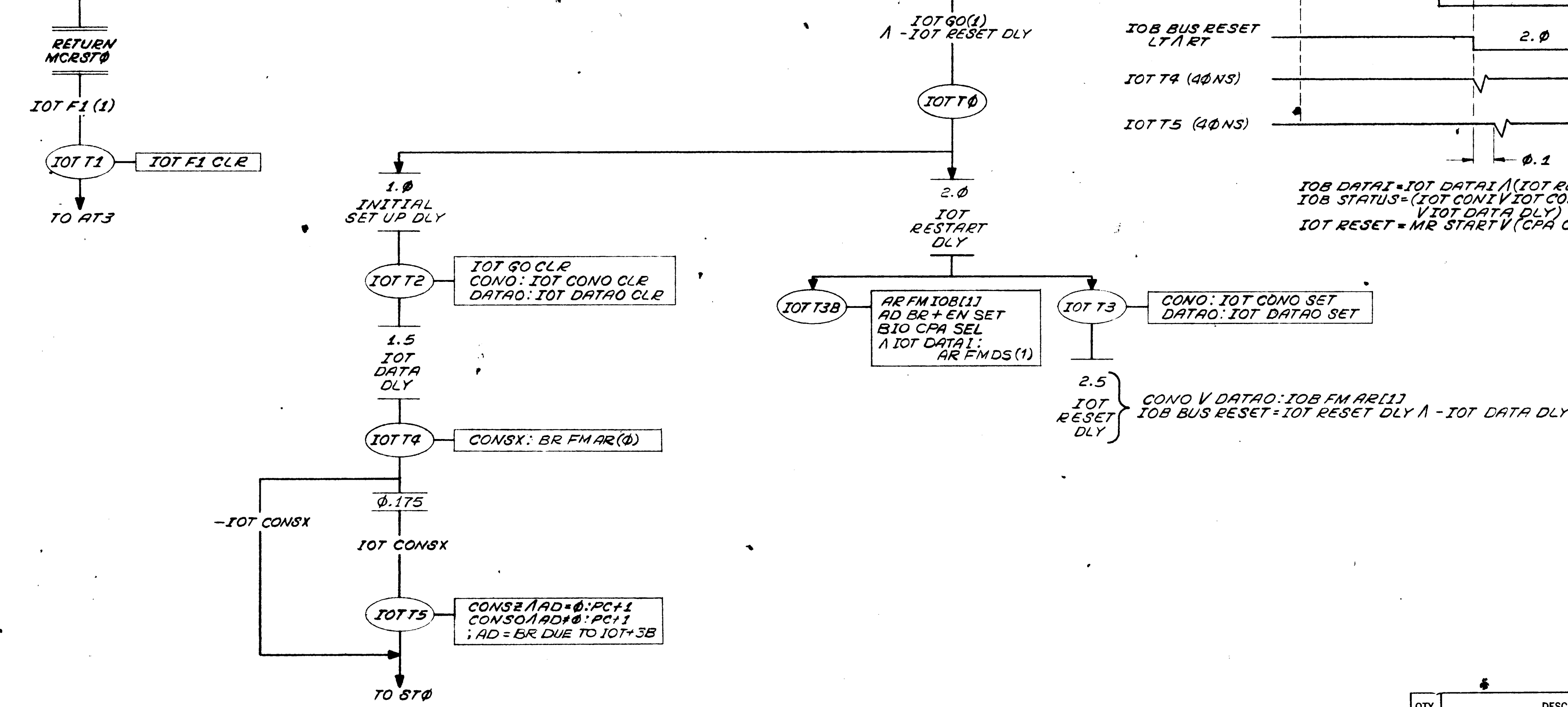
QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DRN. DATE 11-9-66	
UNLESS OTHERWISE SPECIFIED		CHKD. DATE	
DIMENSION IN INCHES		ENG. DATE	
TOLERANCES		PROJ. ENG. DATE	
DECIMALS ± .005	FRACTIONS ± 1/64	ANGLES ± 0°30'	PROD. DATE
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS		FIRST USED ON	
MATERIAL		SCALE	
FINISH		SHEET OF	
TITLE		SIZE CODE	NUMBER
INSTRUCTION AND ADDRESS CYCLES		D FD	IAC P07
REV.		REV.	
D		P07	

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INSTRUCTION	BLKO/BLKI	CONO	CONI	CONSX	DATAO	DATAI
INITIAL SWITCHES	FAC INH FCE PSE EF0 LONG PC+1 INH ST INH	FAC INH ST INH	FAC INH ST INH	FAC INH ST INH	FAC INH FCE ST INH	FAC INH ST INH
INITIAL REGISTERS	AR; C(E); OLD POINTER	AR; 0, E BR; 0, E	BR; 0, E	BR; 0, E	AR; C(E)	
FINAL SWITCHES	SAC INH	SAC INH	SAC INH SCE	SAC INH	SAC INH	SAC INH SCE
FT9	AD+1 BOTH					
ET0	AR FM AD(0); NEW POINTER AD CRY 0(0) A PI CYC (0); PC+1 AD CRY 0(1) A PIOV EN: PI OV SET IOT F1 SET MC RD/WR RS IR 12 SET EX ILL OP CLR	ARLT FM ARRT(0) IOT GO SET	AR CLR IOT GO SET	AR CLR IOT GO SET	IOT GO SET	AR CLR IOT GO SET



$IOT\ DATAI = IOT\ DATAI \wedge (IOT\ RESTART\ DLY \vee IOT\ DATA\ DLY)$
 $IOT\ STATUS = (IOT\ CONI \vee IOT\ CONSX) \wedge (IOT\ RESTART\ DLY \vee IOT\ DATA\ DLY)$
 $IOT\ RESET = MR\ START \vee (CPA\ CONO\ SET \wedge IOB19)$



REV.	CHANGE NO.	DATE	BY
1			
2			
3			
4			

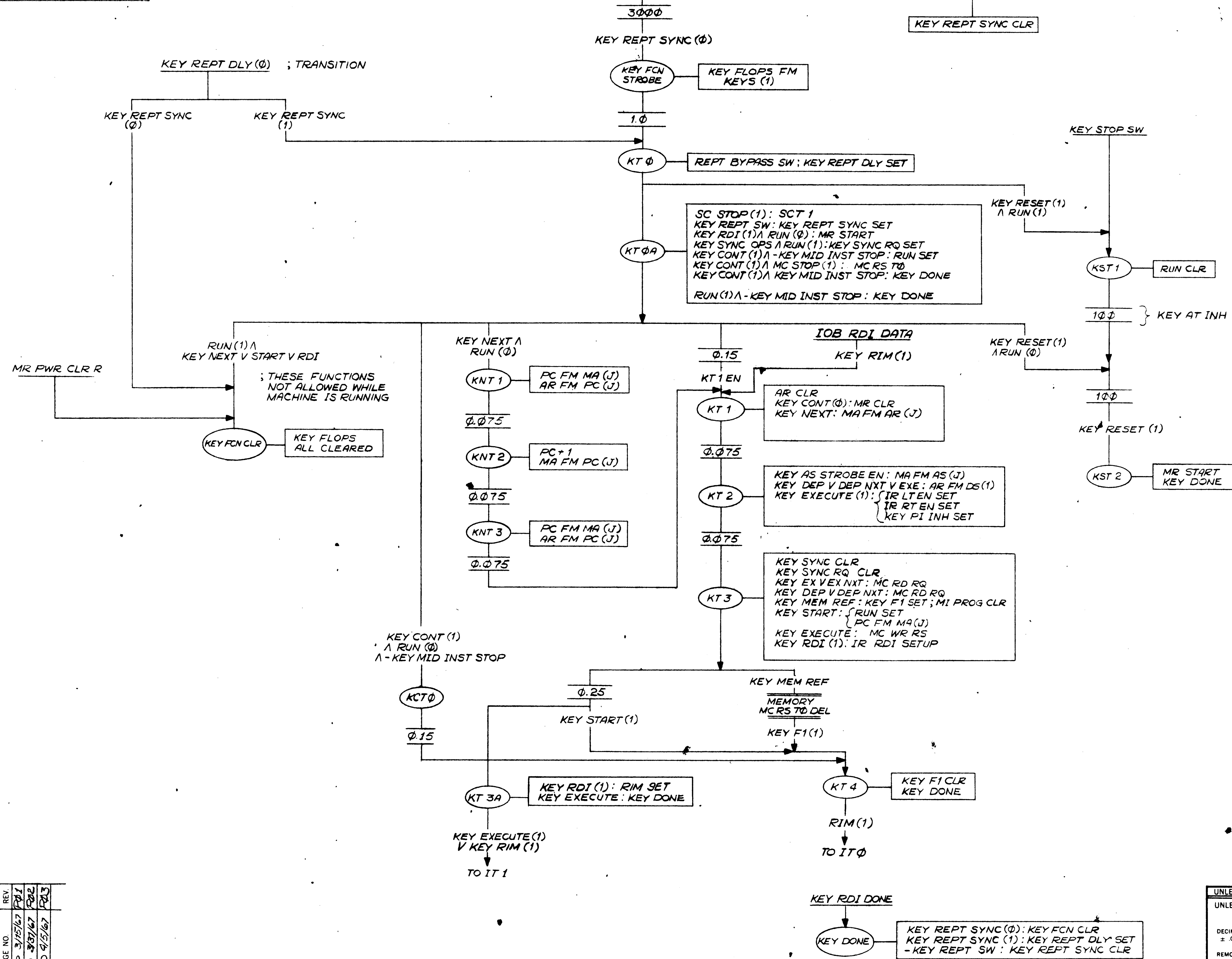
QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES DECIMALS ± .006 FRACTIONS ± 1/64 ANGLES ± 0°30' FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS			
DRN. DATE 10/21/66 CHK'D. DATE ENG. DATE PROJ. ENG. DATE PROD. DATE		digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS TITLE IN-OUT TRANSFER CONTROL FLOW	
MATERIAL		FIRST USED ON	
FINISH		SCALE	
SHEET		OF	
SIZE CODE	NUMBER	REV.	
D/FD	IOTF	P04	
DIST.			

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KEY MANUAL \wedge MR PWR CLR EN B

KEY RESET SW

NOTES:
KEY LEVELS
 KEY MANUAL = KEY RDI SW V STA SW V CONT SW V RESET SW V EX SW V SW V EXA SW V DEP SW V EX NXT SW V DP NXT SW
 KEY SYNC OPS = KEY EXAMINE (1) V KEY DEPOSIT (1) V KEY EXECUTE (1)
 KT 1 EN = RUN (0) \wedge (KEY START (1) V KEY EXAMINE (1) V KEY DEPOSIT (1) V KEY EXECUTE (1))
 KEY NEXT = KEY EX NXT (1) V KEY DEP NXT (1)
 KEY MEM REF = KEY EXAMINE (1) V KEY DEPOSIT (1) V KEY EX NXT (1) V KEY DEP NXT (1)
 KEY AS STROBE EN = KEY EXAMINE (1) V KEY DEPOSIT (1) V KEY START (1)
 KEY IT 0 EN = (E XCT F (1) V KEY SYNC (0)) \wedge RUN (1)



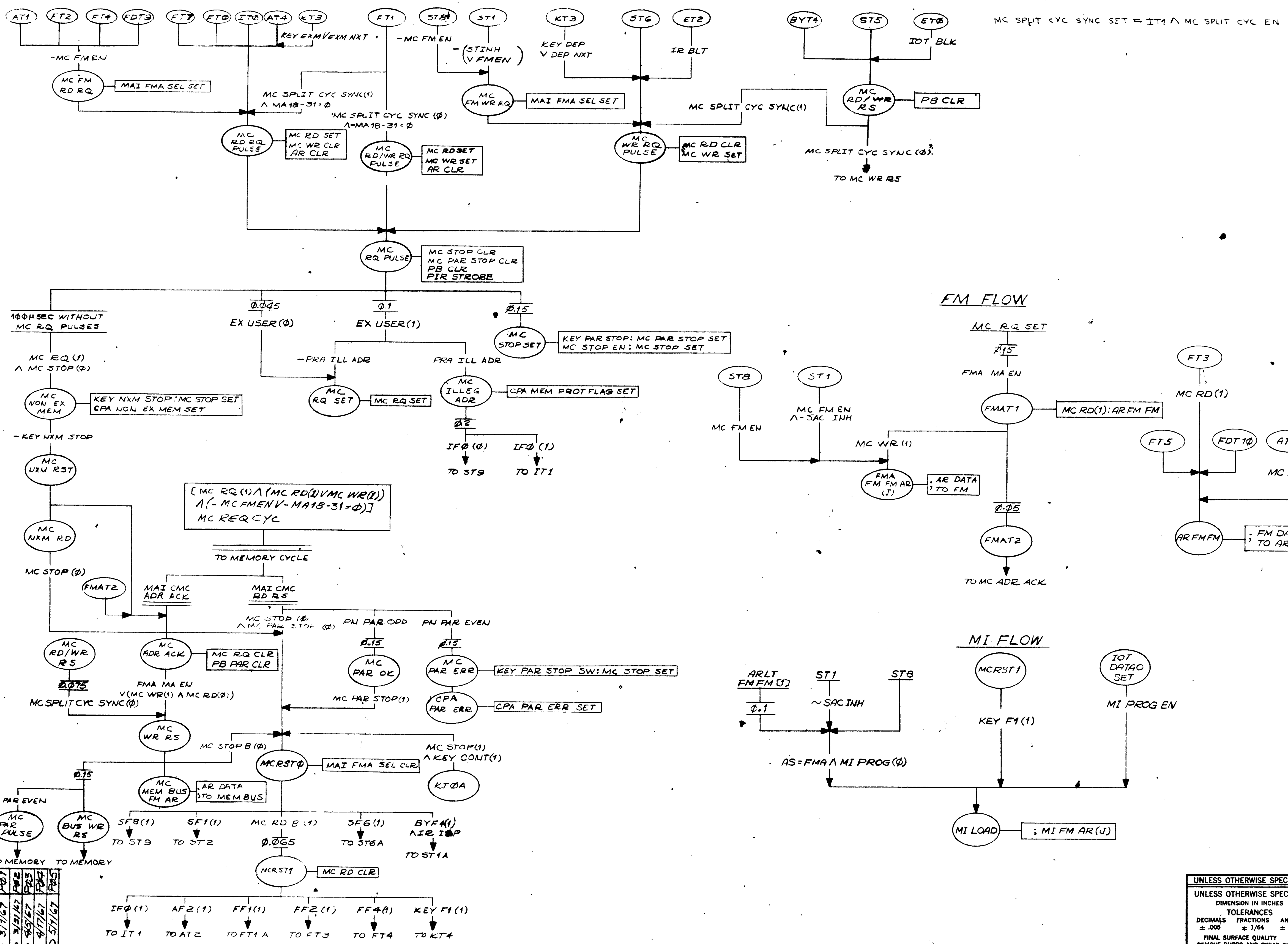
REV.	CHANGE NO.	DATE
1	3/15/67	RA1
2	3/17/67	RA2
3	9/5/67	RA3

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DRN. <i>R. Stephenson</i>	DATE 3-1-67
UNLESS OTHERWISE SPECIFIED		CHK'D.	DATE
DIMENSION IN INCHES		ENG.	DATE
TOLERANCES		PROJ. ENG.	DATE
DECIMALS ± .005		PROD.	DATE
FRACTIONS ± 1/64		FIRST USED ON	
ANGLES ± 0°30'		SCALE	
FINAL SURFACE QUALITY / REMOVE BURRS AND BREAK SHARP CORNERS		SHEET OF	
MATERIAL		DIST.	
FINISH		SIZE CODE	
		NUMBER	
		REV	
		D/FD KA 10-0-KO P03	

digital EQUIPMENT CORPORATION
 MAYNARD, MASSACHUSETTS
KEY OPERATIONS FLOW DIAGRAM

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MC FLOW



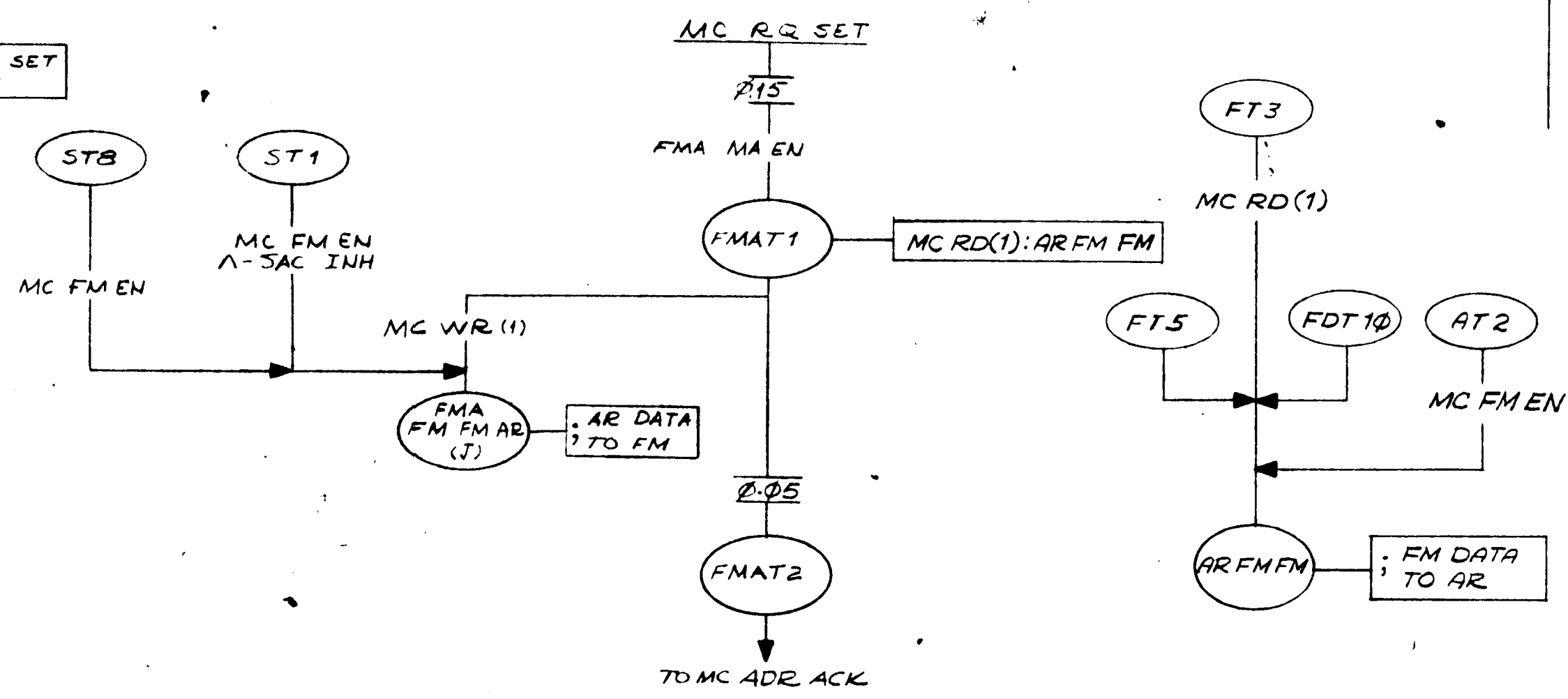
NOTES:

- MC FLOW**
 - KEY SING CYCLE
 - AS = RLA
 - KEY ADR STOP
 - KEY SW COND
 - SW FM ENABLE
 - KEY RIM (0)
 - KEY ADR STOP
 - KEY SING CYC
 - JOB DR SPLIT
 - MC FM EN
 - MC RQ (1)
 - MC SW COND
 - AS = RLA
 - KEY ADR BREAK
 - MC ADR BREAK SET
 - MC ADR BREAK SET: CPA ADR BREAK SET

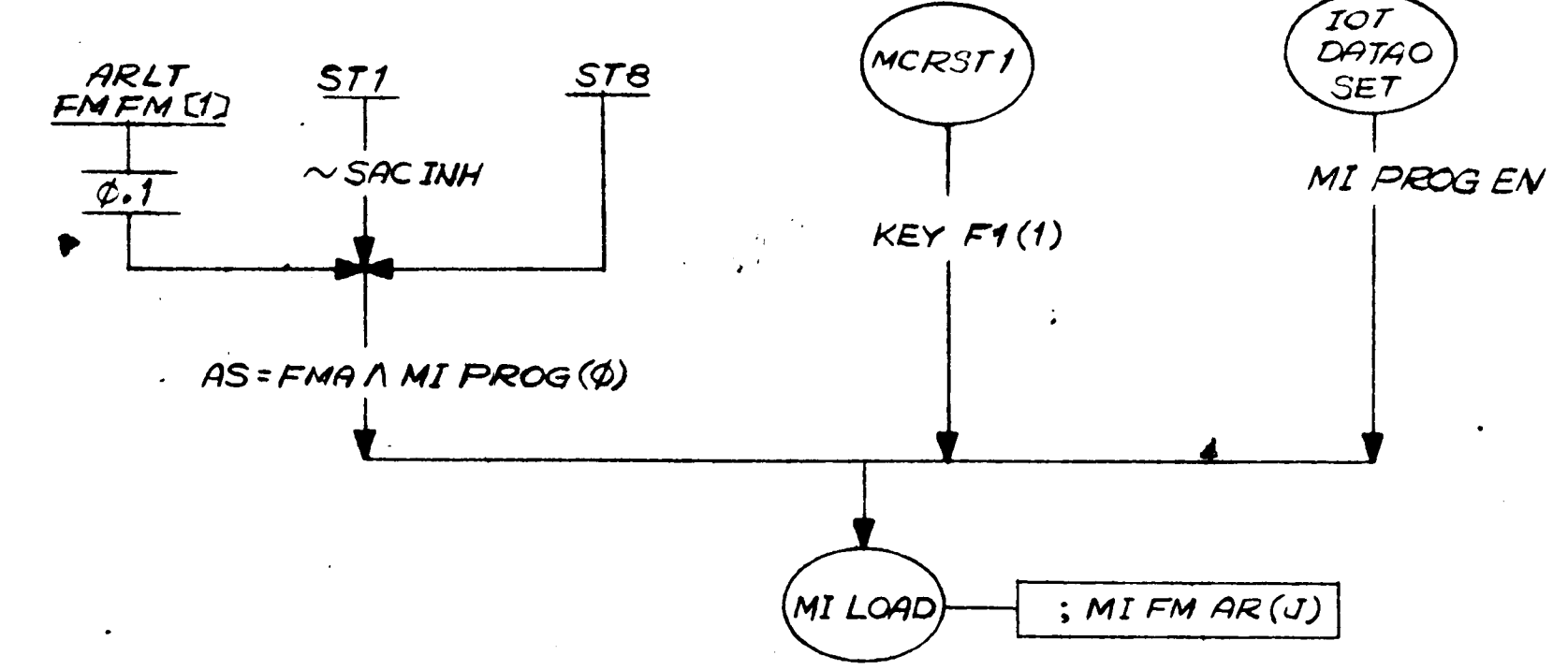
2, FM FLOW

- MC RQ (1)
- MA 18-31 = 0
- MC FM EN
- EX REL = EX USER (1)
- EX TRAP COND
- MA 18-31 = 0
- MAI FMA SEL (0)
- KEY F1 (0)

FM FLOW



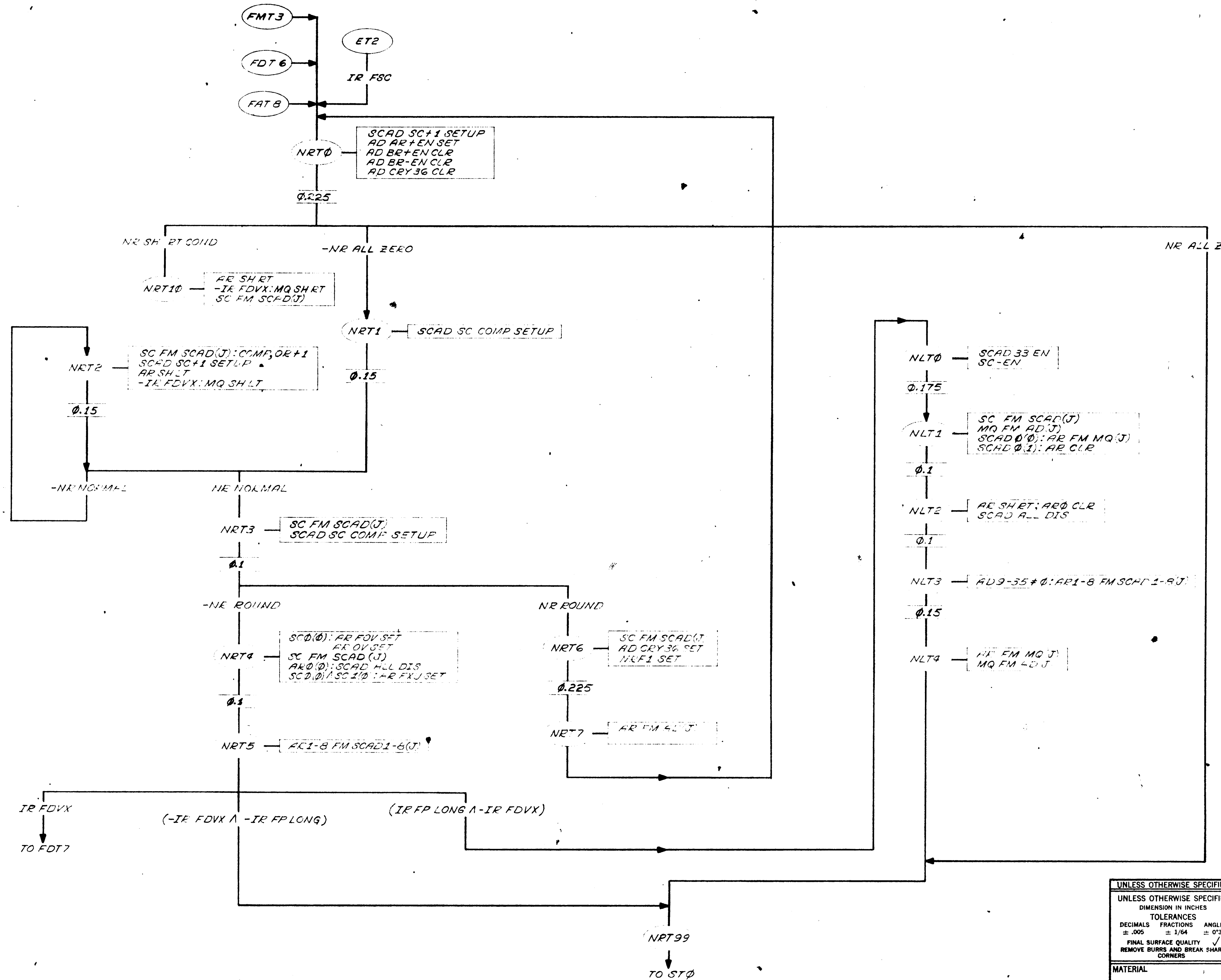
MI FLOW



REV.	CHANGE NO.	DATE
1	1	3/1/67
2	2	3/1/67
3	3	3/1/67
4	4	3/1/67
5	5	3/1/67

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN.	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS TITLE MEMORY CONTROL & FAST MEMORY FLOW	
CHK'D.	DATE		
ENG.	DATE		
PROJ. ENG.	DATE		
PROD.	DATE		
FIRST USED ON		SIZE CODE	NUMBER
SCALE		D	FD-D-KA10-MCFM
SHEET OF		DIST.	REV. P05

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NOTES:
 NR SH RT COND = (ARØ + AR9)V(AR9(1) ^ AD9-35-Ø)
 NE NORMAL = (ARØ + AR9)V(AD9(1) ^ AD1Ø-35-Ø)
 NR ROUND = NRF1(Ø) ^ IRG(1) ^ MQ8(1)
 A - (MQ9-35-Ø) ^ ARØ(1)
 NR ALL ZERO = AD=Ø ^ MQ8(Ø) ^ MQ9-35=Ø

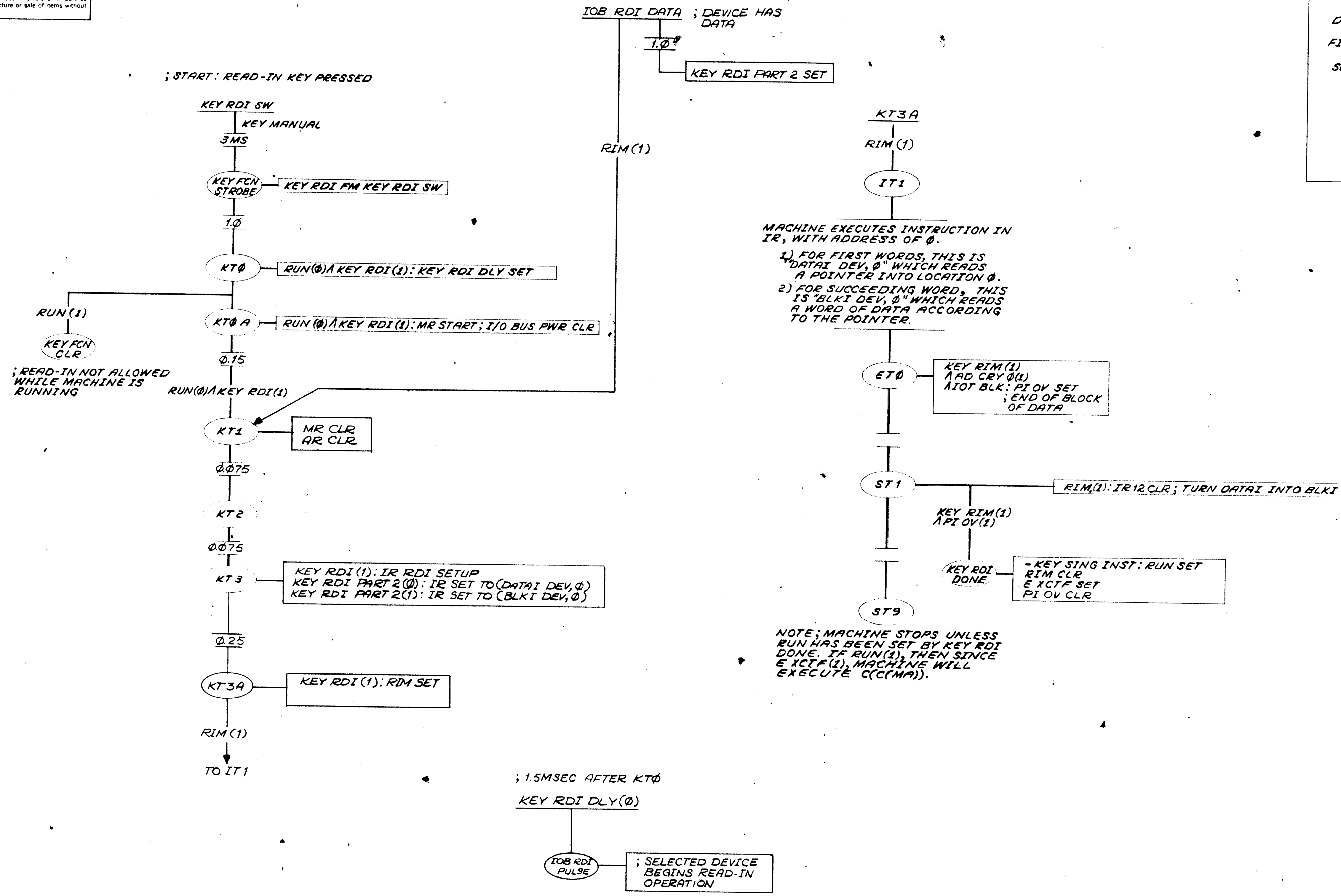
REV.	CHG	NO.	DATE	BY
1	REWORK	11-3-66		
2	REVISED	3/1/67		
3	REVISED	3/1/67		
4	REVISED	4/5/67		

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN.	DATE	11-3-66	
CHK'D.	DATE		
ENG.	DATE		
PROJ. ENG.	DATE		
PROD.	DATE		
FIRST USED ON			
MATERIAL			
FINISH			
SCALE			
SHEET		OF	

UNLESS OTHERWISE SPECIFIED
 DIMENSION IN INCHES
 TOLERANCES
 DECIMALS FRACTIONS ANGLES
 ±.005 ± 1/64 ± 0'30"
 FINAL SURFACE QUALITY
 REMOVE BURRS AND BREAK SHARP CORNERS

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
TITLE	
NORMALIZE RETURN SUBROUTINE	
SIZE CODE	NUMBER
D FD	NRF
REV.	REV.
	P05

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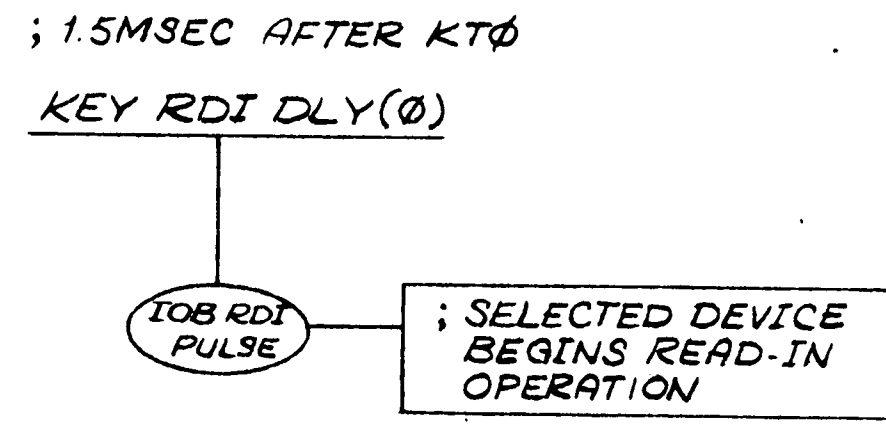


DATA FORMAT TO BE READ-IN BY READ-IN FUNCTION
 FIRST WORD: 0 17 18 35
 -N ADDRESS -1
 SUCCEEDING WORDS: DATA (A BOOTSTRAP PROG)
 N WORDS
 THE DATA WILL BE LOADED STARTING AT LOCATION "ADDRESS". THE LAST DATA WORD WILL THEN BE EXECUTED AS IF BY AN XCT INSTRUCTION.

; READ-IN NOT ALLOWED WHILE MACHINE IS RUNNING

MACHINE EXECUTES INSTRUCTION IN IR, WITH ADDRESS OF 0.
 1) FOR FIRST WORDS, THIS IS "DATAI DEV, 0" WHICH READS A POINTER INTO LOCATION 0.
 2) FOR SUCCEEDING WORD, THIS IS "BLKI DEV, 0" WHICH READS A WORD OF DATA ACCORDING TO THE POINTER.

NOTE; MACHINE STOPS UNLESS RUN HAS BEEN SET BY KEY RDI DONE. IF RUN(1), THEN SINCE E XCTF(1), MACHINE WILL EXECUTE C(C(MA)).



REV	CHG	NO	DATE
REVISED	3/1/67	P01	
REVISED	5/1/67	P02	

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN. <i>Joe Ayres</i>	DATE 2-8-67	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS TITLE READ-IN FUNCTION ISOLATED FLOW DIAGRAM	
CHKD.	DATE		
ENG.	DATE		
PROJ. ENG.	DATE		
PROD.	DATE	FIRST USED ON	
MATERIAL		SCALE	
FINISH		SHEET OF	
UNLESS OTHERWISE SPECIFIED		UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES		DIMENSION IN INCHES	
TOLERANCES		TOLERANCES	
DECIMALS ± .005	FRACTIONS ± 1/64	ANGLES ± 0°30'	REMOVE BURRS AND BREAK SHARP CORNERS
SIZE CODE: D/FD		NUMBER: RIMF P02	REV.

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8

7

6

5

4

3

2

1

LSH
(SCT3)



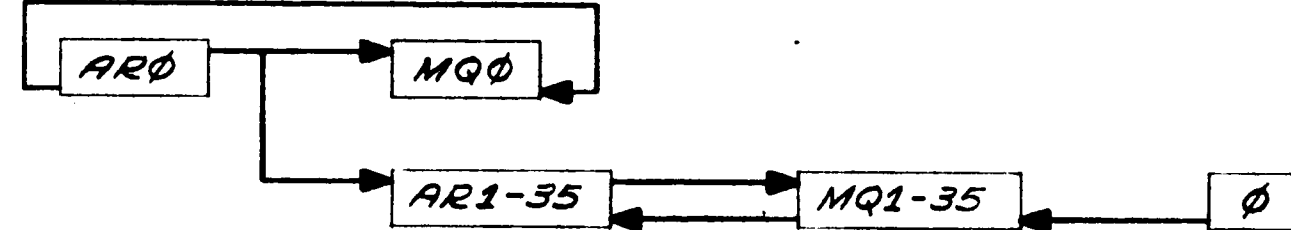
LSHC
(SCT3)



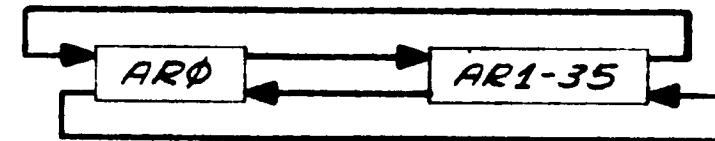
ASH
(SCT3)



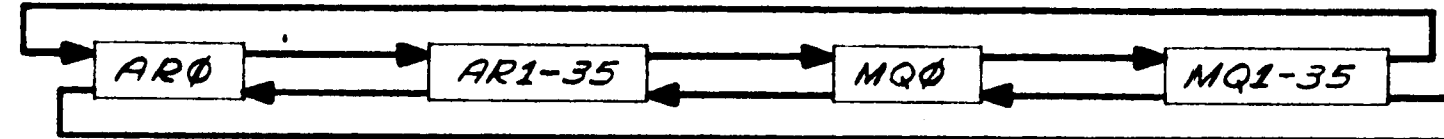
ASHC
(SCT3)



ROT
(SCT3)



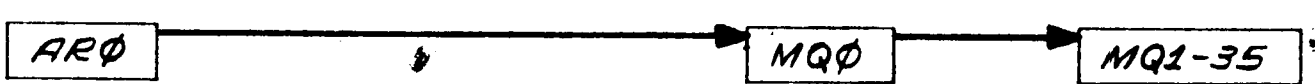
ROTC
(SCT3)



MUL
(SCT3)



MUL LAST
(SCT3)



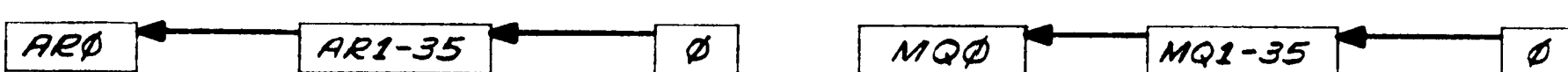
BYTE MASK
(SCT3)



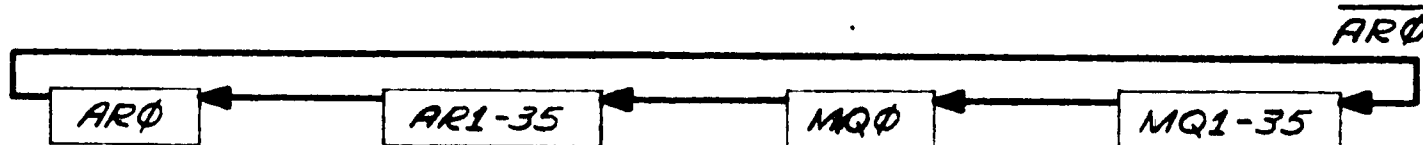
BYTE LOAD
(SCT3)



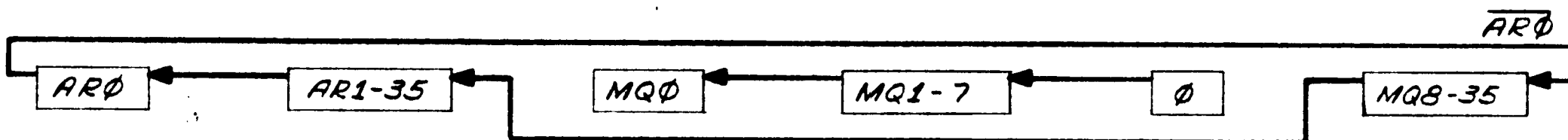
BYTE DEPOSIT
(SCT3)



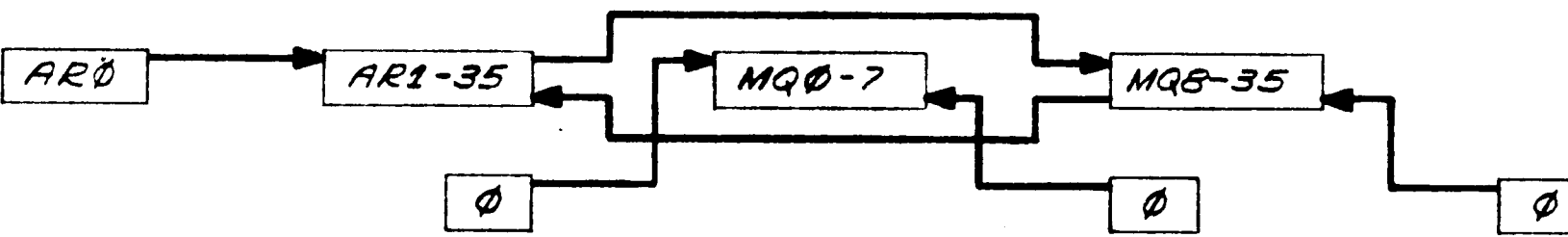
X DIV
(SCT3)



FDV X
(SCT3)



FP SH EN



REV.	2
CHK	3/11/67
CHG	3/11/67
REVISED	3/11/67

DEC FORM NO.

UNLESS OTHERWISE SPECIFIED		DRN.	DATE	PARTS LIST	
UNLESS OTHERWISE SPECIFIED		CHKD.	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
DIMENSION IN INCHES		ENG.	DATE	TITLE	
TOLERANCES		PROJ. ENG.	DATE	SHIFT COUNT ACTION FLOW	
DECIMALS FRACTIONS ANGLES		PROD.	DATE	FIRST USED ON	
± .005 ± 1/64 ± 0°30'				SCALE	
FINAL SURFACE QUALITY				SHEET OF	
REMOVE BURRS AND BREAK SHARP CORNERS				SIZE CODE	
				NUMBER	
				REV.	
				SCAF P01	
				DIST.	

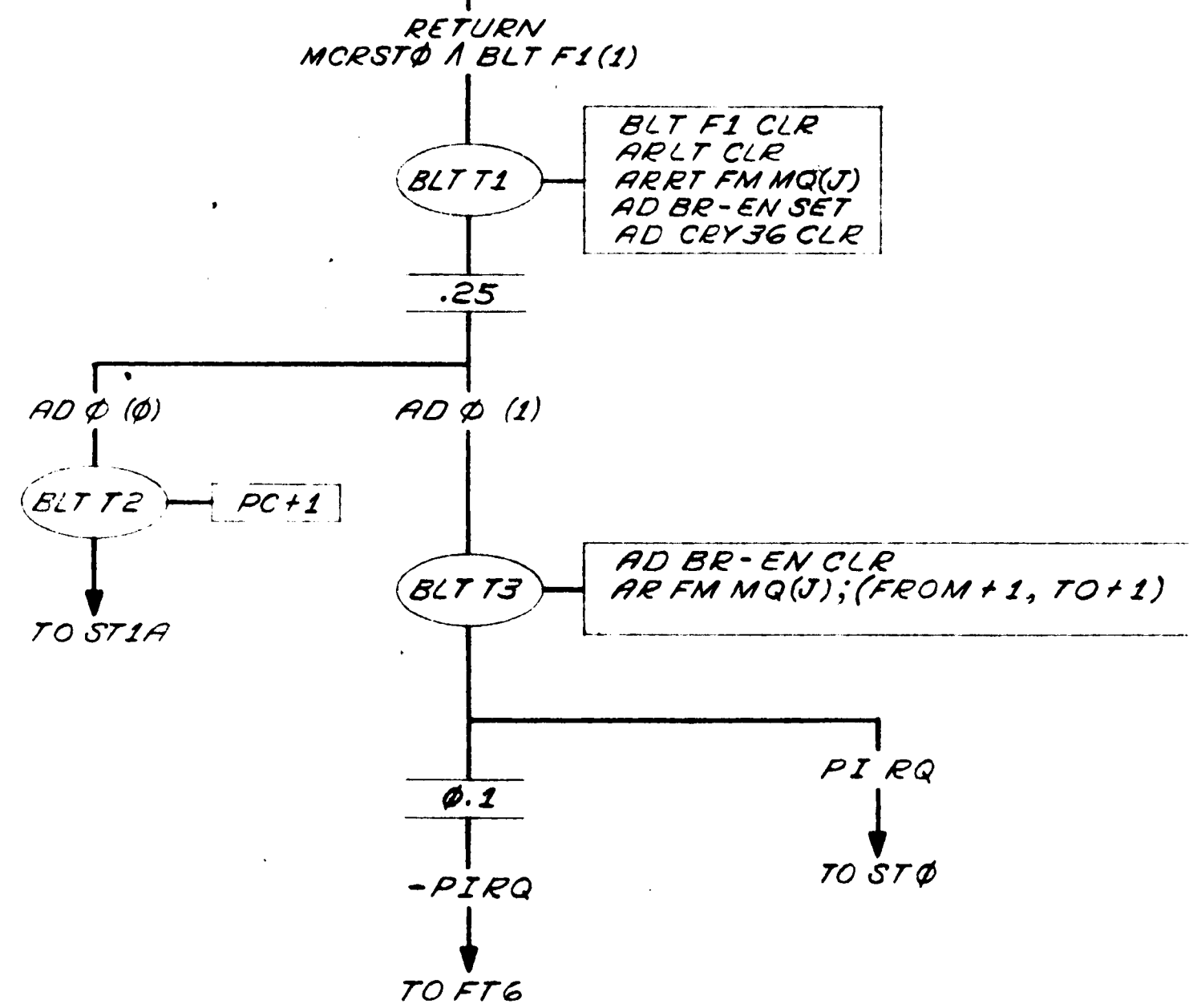
REV. NUMBER SIZE CODE

B

A

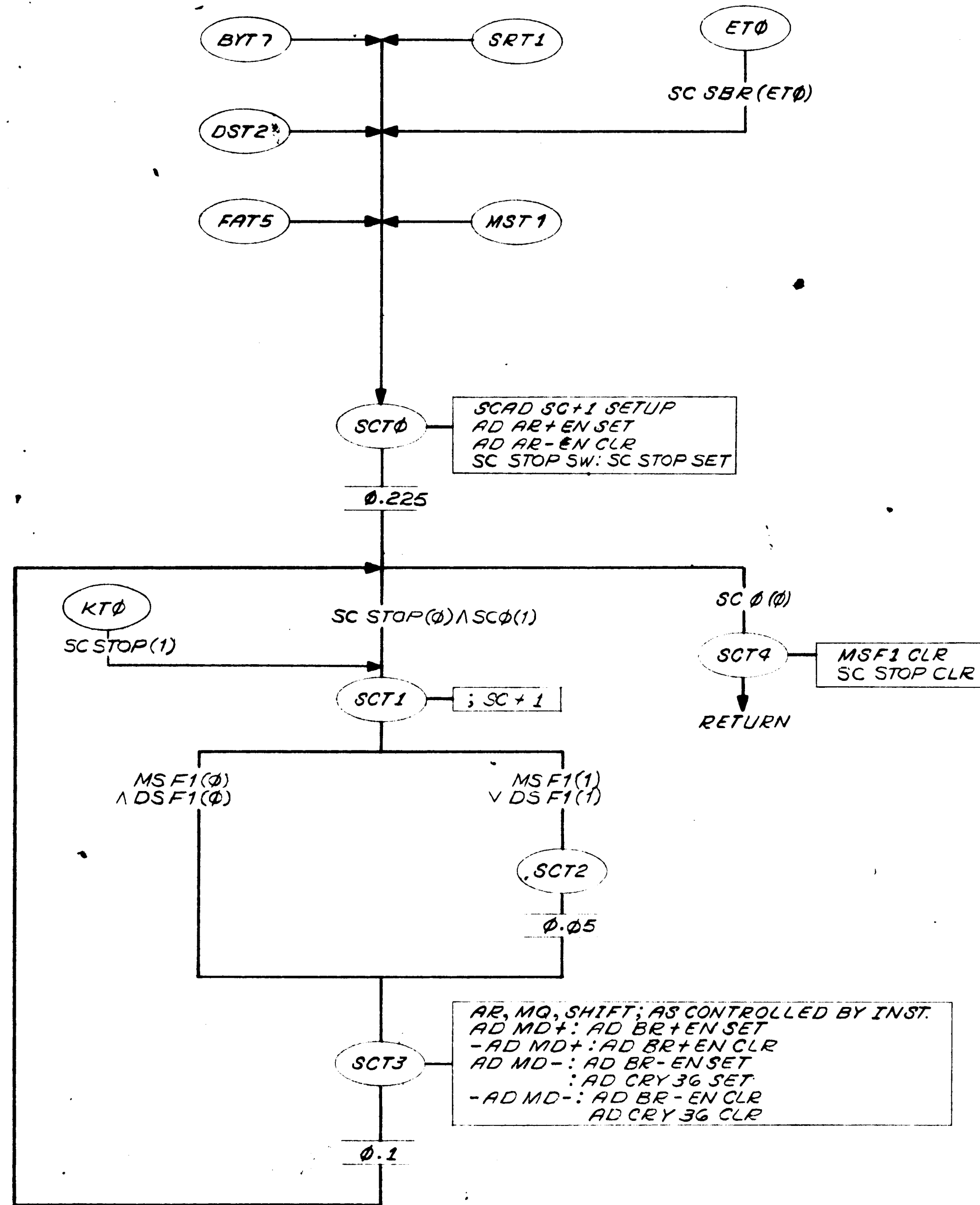
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INSTRUCTION	BLT
INITIAL SWITCHES	PC+1 INH FC C ACCT ST INH E LONG
INITIAL REGISTERS	AR; TO, FROM BR; 0, LAST MQ; DATA; C (FROM) MA; FROM PC; ADDRESS (BLT)
FT9	AD AR+EN SET AD+1 BOTH
ET0	AR SWAP; FROM, TO
ET1	MA FM AR(J); TO
ET2	AR FM MQ(J); DATA MQ FM AD(J); (FROM+1, TO+1) AD+1 LH CLR MC WR RQ BLT F1 SET



SUMMARY

BR; (0, FINAL)
AR; (NEW FROM, TO)
MA; (OLD, TO)
MQ; (NEW FROM, TO)



$$AD MD += (MSF1(1) \wedge MQ34(0) \wedge MQ35(1)) \vee [DSF1(1) \wedge (AD(0) \wedge BR(0))] \vee [AD(0) \wedge BR(1)]$$

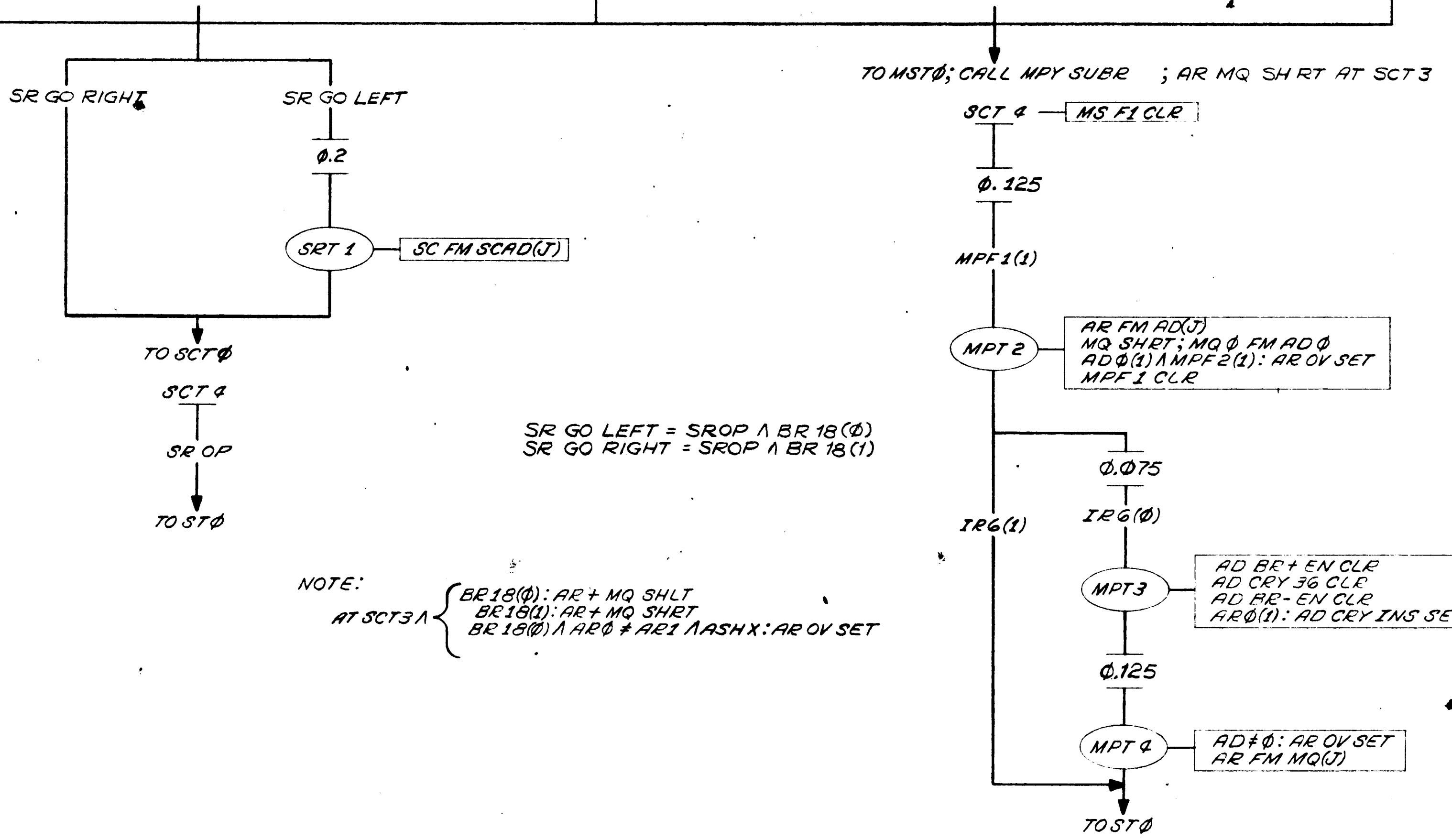
$$AD MD -= (MSF1(1) \wedge MQ34(1) \wedge MQ35(0)) \vee [DSF1(1) \wedge (AD(0) \wedge BR(0))] \vee [AD(1) \wedge BR(1)]$$

REVISIONS	CHANGE NO.	REV.
REDRAWN	10/29/66	P01
REVISED	3/11/67	P02
REVISED	9/5/67	P03
REVISED	9/25/67	P04

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN.	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
CHKD.	DATE	TITLE	
ENG.	DATE	SHIFT COUNT SUB-ROUTINE & BLT FLOW	
PROJ. ENG.	DATE	SIZE CODE	NUMBER
PROD.	DATE	D	SCBT
FIRST USED ON		REV.	P04
MATERIAL	SCALE	SHEET 1 OF 2	
FINISH	DIST.		

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INSTRUCTION	SHIFT ROTATE	MULX IMULX
INITIAL SWITCHES	XXXC: FAC 2 ST INH	-IR XMULI: FCE ST INH
INITIAL REGISTERS	AR; C (AC) BR; 0, E MQ; 0 or C (AC2) SC; 0	AR; C (AC) BR; 0, E or C (E) MQ; 0 SC; 0
FT9		AD BR+ EN
ET0	SC FM BR (1); BR 18, 28-35 BR 18(0): SC NEGATE SETUP; -E	SC MD SETUP (735) MPF1 SET



FINAL SWITCHES	XXXXC: SAC 2	-MUL (I/B): SAC 2 XMUL M: SAC INH XMUL (M): SCE
		SROP=IR 24X 1 - (IR 243 V IR 247)

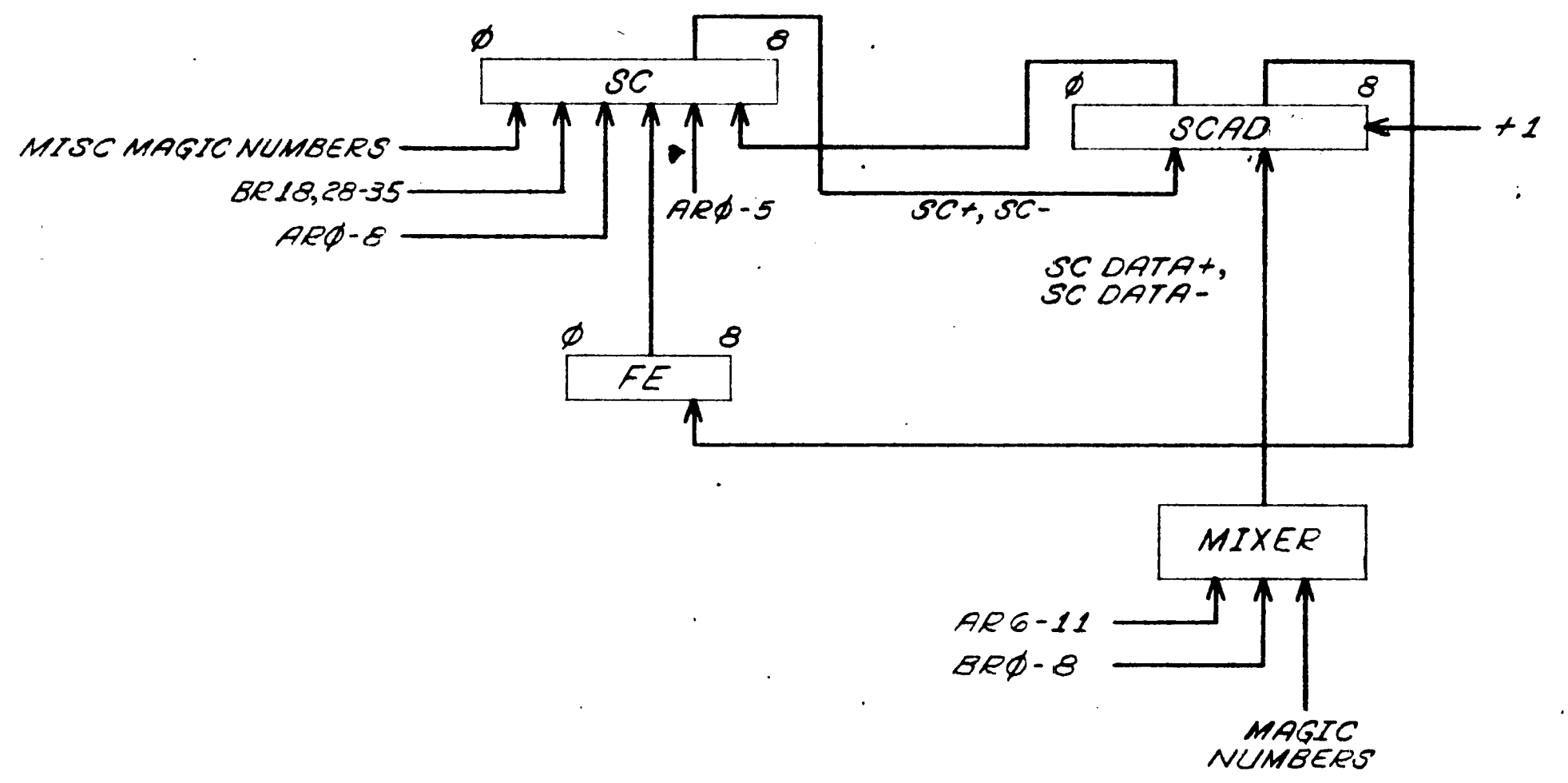
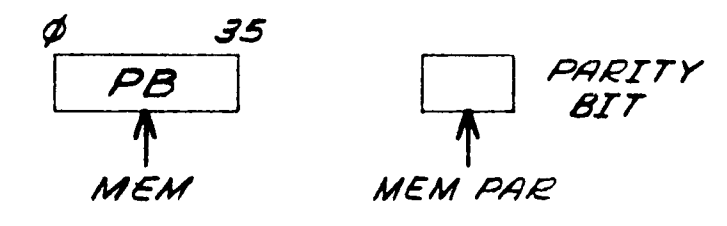
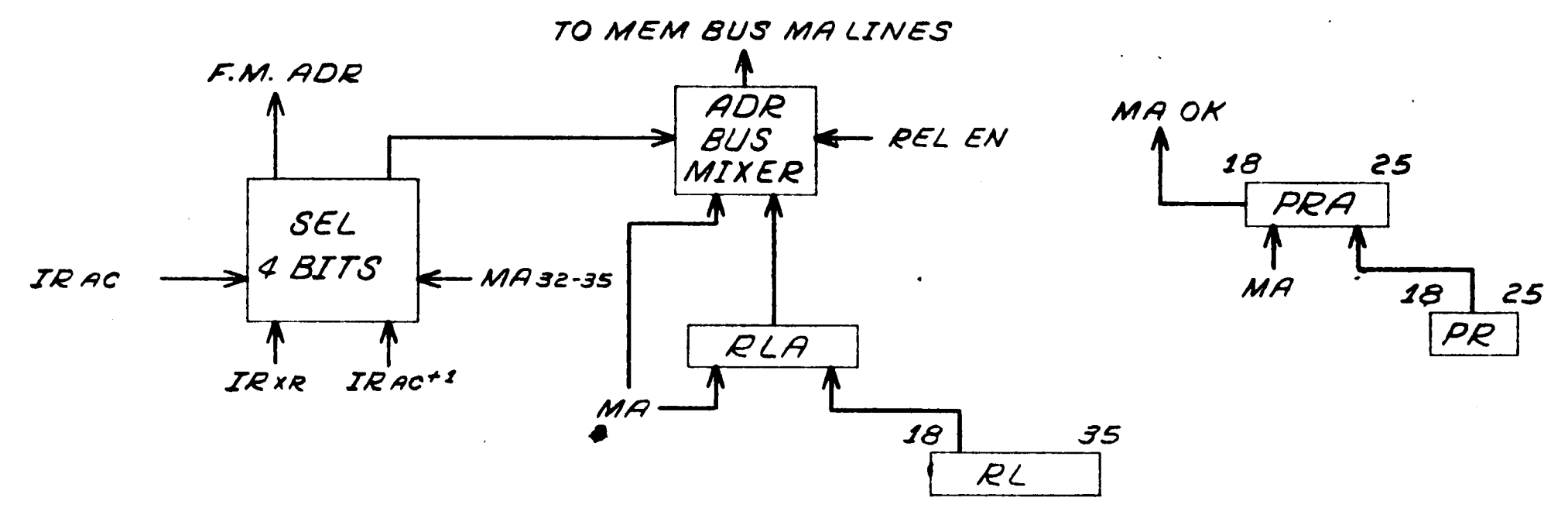
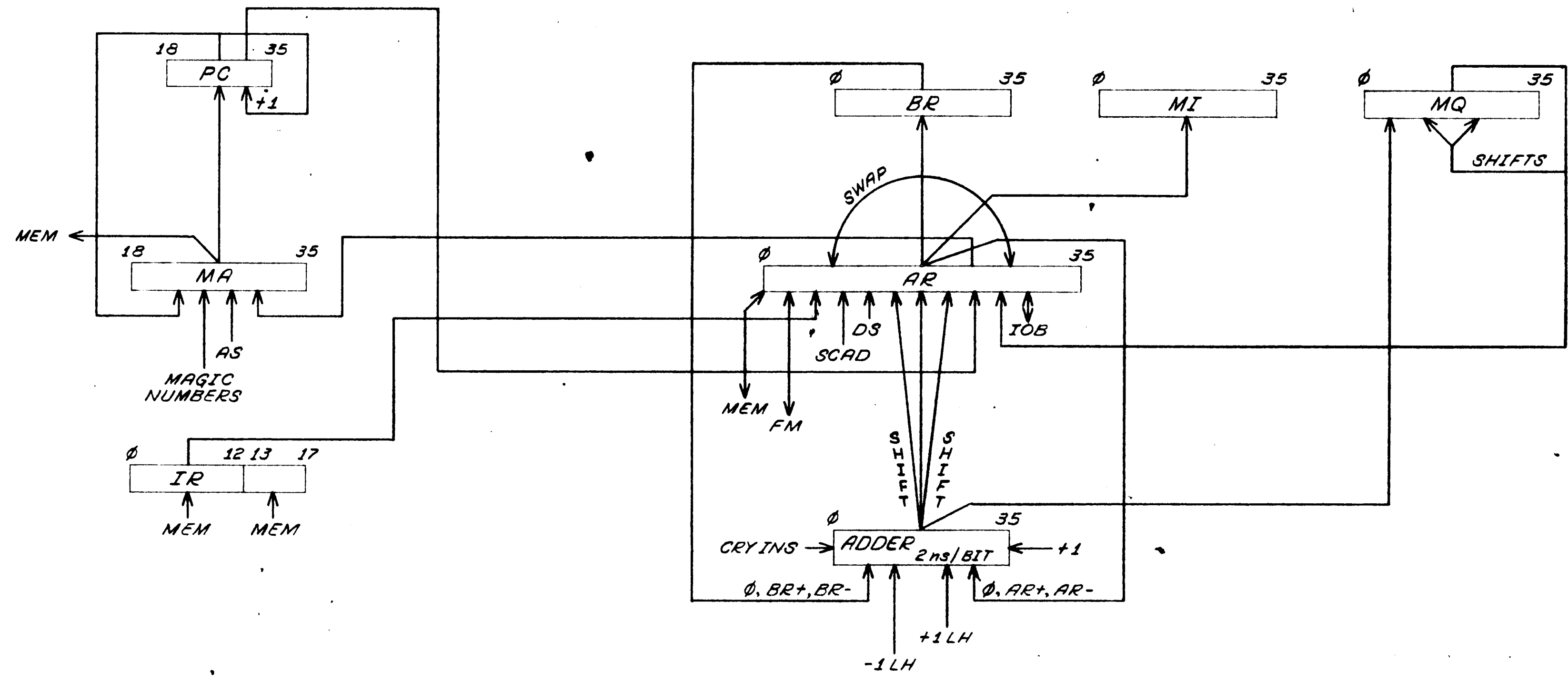
REV.	CHANGE NO.	DATE	BY
1	1	10/25/66	Agrea
2	2	3/1/67	FD
3	3	4/15/67	FD

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DRN. <i>Agrea</i> DATE 10/25/66	
UNLESS OTHERWISE SPECIFIED		CHK'D. DATE	
DIMENSION IN INCHES		ENG. DATE	
TOLERANCES		PROJ. ENG. DATE	
DECIMALS FRACTIONS ANGLES		PROD. DATE	
± .005 ± 1/64 ± 0°30'		FIRST USED ON	
FINAL SURFACE QUALITY ✓		SCALE	
REMOVE BURRS AND BREAK SHARP CORNERS		SHEET OF	
MATERIAL		SIZE CODE	
FINISH		NUMBER	
		REV.	
		SMF P03	
		DIST.	

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

SHIFT & MUL FLOW

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REV.	REV.
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
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45	45
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49	49
50	50

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		DRN.	DATE
UNLESS OTHERWISE SPECIFIED		DATE	DATE
DIMENSION IN INCHES		ENG.	DATE
TOLERANCES		PROJ. ENG.	DATE
DECIMALS	FRACTIONS	ANGLES	DATE
± .005	± 1/64	± 0°30'	
FINAL SURFACE QUALITY		PROD.	DATE
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL	FIRST USED ON		
FINISH	SCALE	SIZE CODE	NUMBER
	SHEET	OF	DIST.

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE
PDP 10 REGISTER ORGANIZATION

SCALE: **D** FD
SHEET: **REG** P01

REV. NO. 1
 NUMBER 1
 CODE D
 B
 A

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Table with 44 columns and 10 rows. Columns are numbered 1-44. Rows are labeled with letters K, L, M, N. Contains various alphanumeric codes and symbols.

Table with 44 columns and 10 rows. Columns are numbered 1-44. Rows are labeled with letters M, N. Contains various alphanumeric codes and symbols.

Table with 2 columns: REV, CHANGE NO. Rows list revision dates and descriptions.

Technical drawing header and title block. Includes 'digital EQUIPMENT CORPORATION' logo, 'MODULE UTILIZATION PDP-10 PANELS 1K-1N', and various specification fields like 'UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES'.

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44						
IND	IBC	IBC	AD	AR																																														
ICSC	LEVEL	LEVEL	AR-EN	AR-EN	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD
	CABLE	CABLE			CRY	Q	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17																											CRY
	TO	TO	AD	AD	Q																																													
	1D43	1A43	AR-EN	AR-EN	B	B																																												

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44					
IND	IBC	IBC	IBC	AD	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
ICSC	LEVEL	PULSE	LEVEL	AD	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	CABLE	CABLE	CABLE	AD	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
	TO	TO	TO	BR-EN	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	
	1A43	1A42	1C43	B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	

REVISIONS	CHK	CHANGE NO.	REVISED	DATE	BY

UNLESS OTHERWISE SPECIFIED	DRN	DATE
UNLESS OTHERWISE SPECIFIED	CHK'D	DATE
TOLERANCES	ENG	DATE
DECIMALS FRACTIONS ANGLES	PROJ. ENG.	DATE
± .005 ± .164 ± .030	PROD.	DATE
FINAL SURFACE QUALITY	FIRST USED ON	
REMOVE BURRS AND BREAK SHARP CORNERS		

MATERIAL	SCALE	SHEET	OF

digital EQUIPMENT CORPORATION	
MAYNARD MASSACHUSETTS	
TITLE	
MODULE UTILIZATION	
PDP-10	
PANELS 2A-2D	
SIZE CODE	NUMBER
D UML	2A-2D P 2
DIST.	REV.

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
W012	W012	W012	W012	B134	B169	B130	B168	W102	B168	B165	B168	W102	B168	B163	B163	W102	B163	B163	B163	W102	B163	B163	B134	B163	W102	B163	B134	B163	W102	B134	B134	B163	W102	B163	B134	B134	W102	B163	B134	B163	W102	G796	G796	G796
IND	IND	IND	IND	AD φ-7 = φ	ARφ CLR U	ARφ	AR1 SET U	M BUS φ	AR3 CLR U	BR 1-4 CLR	AR4 SET U	M BUS 4	ARG CLR U	AR1 SET U	M BUS 8	BR8 SET	ARG SET	BR12 CLR	M BUS 12	BR14 SET	AR12 SET	AD φ-9	M BUS 16	BR 18 CLR	BR 19 CLR	AD φ-17	BR 20 SET	BR 21 SET	M BUS 20	AD φ-27	Mφ 9-35 = φ	BR 24 CLR	M BUS 24	BR 26 SET	AD φ-28-35 = φ	Mφ 9-35 = φ	M BUS 28	BR 30 CLR	Mφ 9-35 = φ	M BUS 32	BR 32 SET	M BUS 32	G796	G796
ICSC	ICSC	ICSC	ICSC	AD φ-7 = φ	ARφ SET U	SHLT INPUT	AR2 CLR U	M BUS 1	AR3 SET U	BR 5-8 CLR	AR5 CLR U	M BUS 5	ARG SET U	AR2 SET U	M BUS 9	BR10 CLR	ARG SET U	BR12 CLR	M BUS 13	BR16 CLR	AR14 SET	AD φ-18-19 = φ	M BUS 17	BR 18 SET	BR 19 SET	AD φ-17 = φ	BR 22 CLR	BR 23 CLR	M BUS 21	AD φ-20-27 = φ	Mφ 9-35 = φ	BR 24 SET	M BUS 25	BR 27 SET	AD φ-28-35 = φ	Mφ 9-35 = φ	M BUS 29	BR 31 CLR	Mφ 9-35 = φ	M BUS 33	BR 33 SET	M BUS 33	LEVEL	PULSE
				AD φ-7 = φ	AR1 CLR U		AR2 SET U	M BUS 2	AR4 CLR U	BR 1-4 SET	AR6 SET U	M BUS 6	ARG SET U	AR3 SET U	M BUS 10	BR10 SET	ARG SET U	BR14 CLR	M BUS 14	BR16 SET	AR16 SET	MRT SHLT INP	M BUS 18	BR 19 CLR	BR 20 CLR	AD φ-10-17 = φ	BR 22 SET	BR 23 SET	M BUS 22	AD φ-20-27 = φ	Mφ 9-35 = φ	BR 25 SET	M BUS 26	BR 28 SET	AD φ-28-35 = φ	Mφ 9-35 = φ	M BUS 30	BR 32 CLR	Mφ 9-35 = φ	M BUS 34	BR 34 SET	M BUS 34	TERM	TERM
				AD φ-7 = φ			ARZ SET U	M BUS 3	AR4 CLR U	BR 5-8 SET	AR6 SET U	M BUS 7	ARG SET U	AR5 SET U	M BUS 11	BR11 SET	ARG SET U	BR15 CLR	M BUS 15	BR17 SET	AR17 SET		M BUS 19	BR 21 CLR	BR 22 CLR	AD φ-16-17 = φ	BR 23 SET	BR 24 SET	M BUS 23	AD φ-20-27 = φ	Mφ 9-35 = φ	BR 27 CLR	M BUS 27	BR 29 SET	AD φ-28-35 = φ	Mφ 9-35 = φ	M BUS 31	BR 33 CLR	Mφ 9-35 = φ	M BUS 35	BR 35 SET	M BUS 35	TERM	TERM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44		
W012	G796	G796	G796	G700	B163	B212	W010	B212	B168	B212	B168	B212	B168	B212	B168	B212	B168	B212	B168	B212	B168	B212	B168	G700	B212	B168	B212	B168	B212	B168	B212	B168	B212	B168	B212	B168	B212	B168	B212	B168	B212	B168	B212	B168	G700
IND	IBC	IBC	IBC	PULSE TERM	BRφ CLR	BRφ	AR1 CLR U	BR2	Mφ 1 SET	BR4	BR2 SET 1	Mφ 6 CLR	BR8	BR10 CLR	Mφ 9 CLR	BR12 CLR	Mφ 12 CLR	BR14 CLR	Mφ 15 CLR	BR16 CLR	Mφ 18 CLR	FULSE	BR 18	Mφ 19 SET	BR 20	Mφ 21 CLR	BR 22	Mφ 22 SET	BR 24	Mφ 25 SET	BR 26	Mφ 27 CLR	BR 28	Mφ 29 SET	BR 30	Mφ 31 SET	BR 32	Mφ 33 CLR	BR 34	Mφ 34 SET	Mφ 34 SET	G700			
ICSC	LEVEL CABLE TO 1F43	LEVEL CABLE TO 1F42	LEVEL CABLE TO 1F41		BRφ SET		AR2 CLR U		Mφ 2 CLR		BR4 CLR 1		BR6 SET 1		BR8 SET 1		Mφ 9 SET		Mφ 12 SET		Mφ 15 SET		FULSE	Mφ 20 CLR		Mφ 21 SET		Mφ 23 CLR		Mφ 26 CLR		Mφ 27 SET		Mφ 29 CLR		Mφ 32 CLR		Mφ 33 SET		Mφ 35 CLR		PULSE			
					BR1 SET		AR3 CLR U		Mφ 2 CLR		BR5 CLR 1		BR7 SET 1		BR9 SET 1		Mφ 9 SET		Mφ 12 SET		Mφ 15 SET			BR 19	Mφ 20 SET		Mφ 22 SET		Mφ 23 SET		Mφ 26 SET		Mφ 27 SET		Mφ 29 SET		Mφ 32 SET		Mφ 34 CLR		Mφ 35 SET		TERM		
					BR2 CLR	BR1	AR4 CLR U	BR3	Mφ 2 SET	BR5	BR4 SET 1	BR7	Mφ 7 CLR	BR9	BR8 CLR 1	BR11	Mφ 10 CLR	BR13	Mφ 13 CLR	BR15	Mφ 16 CLR	BR17	Mφ 19 CLR		Mφ 19	Mφ 20 SET	BR 21	Mφ 22 CLR	BR 23	Mφ 23 SET	BR 25	Mφ 26 SET	BR 27	Mφ 28 CLR	BR 31	Mφ 31 SET	BR 33	Mφ 34 CLR	BR 35	Mφ 35 SET		Mφ 35 SET		TERM	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44																	
W012	G799	G799	G799	G796	B130	B212	B163	B212	B163	B212	B163	B212	B163	B212	W010	B212	B163	B212	B133	B212	B165	B212	B163	W005	B212	B163	B212	B163	B212	B166	B212	B163	B212	B163	B212	B163	B212	B163	B212	B163	B212	W005	W005																	
IND	IBC	IBC	IBC	PULSE CABLE TO 1L43	PULSE CABLE TO 1L42	PULSE CABLE TO 1L41	Mφ φ SHLT INP	Mφ φ SHLT INP	Mφ φ SET	Mφ 2	Mφ 3 CLR	Mφ 4 SET	Mφ 6	Mφ 7 SET	Mφ 8	Mφ 10 SET	Mφ 12	Mφ 13 SET	Mφ 14	Mφ 16 SET	Mφ 17	Mφ 18	FULSE	Mφ 18	PC 18 CLR	PC 18 SET	PC 20	PC 22	PC 24	PC 26	PC 28	PC 30	PC 32	PC 34	PC 36	PC 38	PC 40	PC 42	PC 44	DS9	DS10																			
ICSC	LEVEL CABLE TO 1N43	LEVEL CABLE TO 1P44	PULSE CABLE TO 1K41		Mφ φ SET	Mφ φ SET	Mφ 1	Mφ 1 CLR	Mφ 3	Mφ 4 CLR	Mφ 5 SET	Mφ 7	Mφ 8 SET	Mφ 9	Mφ 11 SET	Mφ 14	Mφ 15	Mφ 17	Mφ 19	Mφ 21	Mφ 23	TERM	Mφ 19	PC 18-20 COUNT	Mφ 19	Mφ 21	Mφ 23	Mφ 25	PC 24-26 COUNT	Mφ 27	Mφ 29	Mφ 31	Mφ 33	Mφ 35	PC 30-32 COUNT	Mφ 33	PC 33-35 COUNT	Mφ 35	PC 35	PC 35	PC 35	PC 35	DS11	DS12																
					IR φ SET	IR 2 SET	IR φ	IR 2 SET	IR 3 SET	IR 4 SET	IR 5 SET	IR 6 SET	IR 7 SET	IR 8 SET	IR 10 SET	IR 12	IR 14	IR 16	IR 18	IR 20	IR 22	IR 24	IR 26	IR 28	IR 30	IR 32	IR 34	IR 36	IR 38	IR 40	IR 42	IR 44	IR 46	IR 48	IR 50	IR 52	IR 54	IR 56	IR 58	IR 60	IR 62	IR 64	IR 66	IR 68	IR 70	IR 72	IR 74	IR 76	IR 78	IR 80	IR 82	IR 84	IR 86	IR 88	IR 90	IR 92	IR 94	IR 96	IR 98	IR 100

UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES
DECIMALS FRACTIONS ANGLES
± .005 ± 1/64 ± 0°30'

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE
MODULE UTILIZATION

PDP-10
PANELS 2E-2J

DATE 1-26-67

SCALE OF

SHEET OF

REV. 4

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Table with 44 columns and 2 rows (2P, 2R). Columns 1-4: IND IBC IBC IBC. Columns 5-11: PB 0-11. Columns 12-17: PULSE TERM. Columns 18-23: LEVEL TERM. Columns 24-29: AS FMA. Columns 30-35: AS RLA. Columns 36-44: WPT2. Includes labels 2P and 2R on the left and right sides.

Table with 44 columns and 2 rows (2S, 2T). Columns 1-4: IND IBC IBC. Columns 5-11: PIH 1-7. Columns 12-17: PIR 1-7. Columns 18-23: KNT 1-3. Columns 24-29: KEY RDI DANE. Columns 30-35: KEY PROG STOP. Columns 36-44: KEY SING INST. Includes labels 2S and 2T on the left and right sides.

REVISIONS table with columns: REV, CHANGE NO, DATE, BY. Lists revisions from 1 to 7.

Engineering form with fields: UNLESS OTHERWISE SPECIFIED, DIMENSIONS IN INCHES, DECIMALS FRACTIONS ANGLES, TITLE: MODULE UTILIZATION PDP-10 PANELS 2P-2T, DATE: 1-1-67, DRAWN BY: J. C. ...

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Table with 44 columns and multiple rows. Columns 1-44 are numbered. Rows include labels like 3A, 3B, 3C. Content includes various electronic components and their functions, such as PTP HOLE, PTR MOTOR SHIFT, and KEY REPEAT.

Table with 44 columns and multiple rows. Columns 1-44 are numbered. Rows include labels like 3C, 3D. Content includes various electronic components and their functions, such as IOB (0) THRU, KEY RDI DLY, and KEY AT INH.

Table with 2 columns: REVISIONS, CHANGE NO. Rows list revision dates and descriptions, such as REVISED 3/15/67, REVISED 3/17/67, REVISED 3/11/67, REVISED 4/17/67.

UNLESS OTHERWISE SPECIFIED. Includes fields for DATE (2-31-67), TITLE (MODULE UTILIZATION), PDP-10, PANELS 3A-3D, and other technical specifications.

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44									
G799	G796	G796	G796	G796	G796	W012	B684*	S107	B684*	B684*	B684*	B684*	B684*	B684*	B684*	B684*	S107	R001		S111	B684*	B684*	B684*	B163	B163	B163	B163	B163	B163	B163	B163	R152	R152	R152	R152	S111	B165	R303	S107	S203	S203	S111	S202	S202								
KEY DONE KTΦ	PIH 1	KEY F1(1) SYNC(1)	KEY ADR BRK (0+)	MRPWP CLR ENB (0+)	MRPWP CLR ENB (0+)	IOB	IOB	IOB 1B	IOB FM AR(1)	IOS	IOS	IOS	IOS	IOS	IOS	IOS	IOB PI RQ1	IOB PI RQ1		IOB FM	IOB	IOB	IOB I 0	IOB I 6	IOB I 12	IOB I 18	IOB I 20	IOB I 22	IOB I 24	IOB I 26					TTY PI EN	PTP PI EN		TTI	TTY	TTY	TTY	CPA CPA	CPA CPA									
PI CONSET	THRU 7	MEM REA NEXT	ADR WIR (0+)	ADR WIR (0+)	CONSO CONSO	PI	STATUS	IOB FM AR(1)	A	3(0)	4(0)	5(0)	6(0)	7(0)	8(0)	9(0)	IOB PI RQ2	IOB PI RQ2		AR (1)	CLR	CLR	IOB RDI	IOB I 1	IOB I 7	IOB I 13	IOB I 19	IOB I 21	IOB I 23	IOB I 25	IOB I 27					PTP PI EN		INPUT	PIA	TEST	STATUS	OV	34									
MEM PRY FLAG SET	PIO 1	RDI(1) AS STR	ADR WIR (0+)	ADR WIR (0+)	CONSO CONSO	1	THRU	IOB FM AR(1)	B								IOB PI RQ3	IOB PI RQ3		IOB	IOB	IOB	IOB I 2	IOB I 8	IOB I 14	IOB I 18	IOB I 20	IOB I 22	IOB I 24	IOB I 26					TTY PI EN		TTI SHIFT	TTY		TTY		EN										
NON EX MEM SET	THRU 7	PI RQ	PI RQ	PI RQ	CONSO CONSO	7	THRU	IOB FM AR(1)	C								IOB PI RQ4	IOB PI RQ4		STATUS	IOB	IOB	IOB	IOB I 3	IOB I 9	IOB I 15	IOB I 19	IOB I 21	IOB I 23	IOB I 25	IOB I 27					CPA PI EN		TTI STATUS	PIA		DATA I		CPA CPA	CPA CPA								
SET PDL OV SET	7	7	7	7	CONSO CONSO	7	THRU	IOB DATA I	A	3(1)	4(1)	5(1)	6(1)	7(1)	8(1)	9(1)	IOB PI RQ5	IOB PI RQ5		A	DATAO	CONO	RESET	IOB I 4	IOB I 10	IOB I 16	IOB I 18	IOB I 20	IOB I 22	IOB I 24	IOB I 26					CPA PI EN		TTI DATA I				PIA	PIA	PIA	PIA							
								IOB STATUS A	A								IOB PI RQ6	IOB PI RQ6			SET	SET	IOB I 5	IOB I 11	IOB I 17	IOB I 19	IOB I 21	IOB I 23	IOB I 25	IOB I 27					CPA PI EN		CPA STATUS A	TTY PIA			33	35	35	35								
																	IOB PI RQ7	IOB PI RQ7																			STATUS		CPA STATUS B													

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44							
G796	G796	G799						S107	R002	B156	B156	B156	R002	S111	S107	R013				B611	B611	B311	S107	R002	R002	R002	R002	R002	R002		R302	R302	S107	S111	S111	W501			R141	S202	S202	S202	S202	S202	S202					
IR 3	IR 70	IOT T3B T4 T5		CPA				KEY STOP SW		IOT BLKO DATA I		BIO XXX SEL		PTR DATA I A								IOT T3B	IOT T4		IOT DATAO CLR					IOT T2	IOT T4				IOT				CPA PWR	CPA PWR	CPA PAR	CPA PDL	CPA NON	CPA CLK	CPA CLK					
THRU 9	THRU 12	CD A CONO SET		PWR				KST 2		IOT BLKO DATA I		BIO CPA SEL		PTR DATA I B									IOB I 27	IOT		DATAO DATAO													OUT-GOING											
(041)	12 (041)	JOB FM AR		CLK				PTP 8		IOT BLKO CONO		BIO PI SEL		PTR DATA I C											DATAO CLR																									
		MR PWR CLR R						PTP NO TAPE		IOT BLKO CONO		BIO PTP SEL		BIO CPA SEL												CLR SET CLR SET																								
		MR START R						KEY AT INH		IOT DATA I		BIO PTP SEL		BIO CPA SEL											RESSET																									
										IOT DATAO		BIO PTR SEL		TTY CPA SEL																																				

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44							

REV.	NO.	CHG.	DATE
1	001	1/23/67	FDI
2	002	3/9/67	PDI
3	003	3/16/67	PDI
4	004	4/3/67	PDI
5	005	4/17/67	FDI

<small>UNLESS OTHERWISE SPECIFIED</small> DIMENSION IN INCHES TOLERANCES DECIMALS FRACTIONS ANGLES ± .005 ± 1/64 ± 0°30' FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	DRN <i>J. Stephenson</i> CHK'D.	DATE DATE DATE DATE		
	MATERIAL	PROJ. ENG.	PROD.	TITLE MODULE UTILIZATION PDP-10 PANELS 3E-3F
	FINISH	SCALE SHEET OF	FIRST USED ON	SIZE CODE NUMBER REV.
				DIST.

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CABLE PINS

FROM	TO	D	E	F	H	J	K	L	M	N	P	R	S	T	U	V
G799 1H41	G799 2D02	ARRT FM AD (0)	ARRT FM MQ (0)	GND	ARRT FM AD (1)	GND	ARRT FM MQ (1)	GND	ARLT FM FM (1)	GND	AR0-5 FM SCAD 3-8(J)	GND	AR1-8 FM AR0(J)	AR1-8 FM SCAD 1-8(J)	GND	ARRT FM PC (J) B
1H42	2C03	ARLT FM IOB (1)	ARRT FM IOB (1)	GND	ARLT FM AD (0)	GND	ARLT FM MQ (0)	GND	ARLT FM AD (2)	GND	ARLT FM MQ (1)	GND	ARLT FM MQ (1)	ARLT FM MQ (1)	GND	ARLT FM PC (J) A
1H43	2C02	ARRT SH RT A	ARRT SH RT B	GND	ARRT SH LT A	GND	ARRT SH LT B	GND	ARRT CLR	GND	ARRT FM FM (1)	GND	ARLT FM IR (1)	ARLT FM DS (1)	GND	ARRT FM DS (1)
1H44	2B03	ARLT CLR	ARLT FM ARRT (J) B	GND	ARLT SH LT B	GND	ARLT SH RT B	GND	ARLT FM ARRT (J) A	GND	ARLT SH LT A	GND	ARLT SH RT A	ARRT FM ARLT (J) A	GND	ARRT FM ARLT (J) B
1K41	2H04	MC MEM BUS FM AR(1) A	MC MEM BUS FM AR(1) B	GND	MC MEM BUS FM AR(1) C	GND	BR 1-8 CLR	GND	BR 1-8 SET	GND	BRLT FM AR(0)	GND	BRLT FM AR(1)	BRLT FM AR(0)	GND	BRLT FM AR (1)
1L41	2J04	MQ CLR	MQ SH LT A	GND	MQ SH LT B	GND	MQ SH RT A	GND	MQ SH RT B	GND	MQ FM AD(J) A	GND	MQ FM AD(J) B	MQ SH LT C	GND	MQ SH RT C
1L42	2J03	MQ SH LT D	MQ SH RT D	GND	MQ FM AD(J) C	GND	MQ FM AD(J) D	GND	FMT 3	GND	IR LT CLR	GND	IR RT CLR	IR RDI SETUP	GND	-
1L43	2J02	ET0F	ST 1	GND	PCLT FM MA (J)	GND	PCRT FM MA (J)	GND	PCLT +1	GND	PCRT +1	GND	MA FM PICH (1)	-	GND	-
1M43	2M02	MA CLR	MA FM PC(J) A	GND	MA FM PC(J) B	GND	MA FM AR(J) A	GND	MA FM AR(J) B	GND	MA FM AS(J) A	GND	MA FM AS(J) B	IT0	GND	MAI IGN PAR PULSE KT1
1N42	2N03	KNT 2	KEY RDI DONE	GND	MR PWR CLR	GND	MI LOAD A	GND	MI LOAD B	GND	MI LOAD C	GND	MI LOAD D	KT2	GND	-
1P43	2P02	FT 9	MAI CMC RD RS	GND	EX CLR	GND	EX SET	GND	PB CLR	GND	PI RESET B	GND	KNT 1	KNT 3	GND	*IR UVO IND
1S42	2S03	MR START	ST 9	GND	PI OK CLRS PTH KT0A	GND	PIH FM PICH RQ	GND	PIR FM IOB (1)	GND	PIR STB	GND	PI RESET	PIO CLR	GND	PIO SET
1T43	2T02	KT4	MR CLR	GND	MC NON EX MEM	GND	MC NON EX MEM	GND	MC ILLEG ADR	GND	MC PAR ERR	GND	MCRST 1	KT3	GND	-
3A03	1R43	IOT T3B	IOT T4	GND	IOT T5	GND	CPA CONOSET	GND	-	GND	-	GND	KST 2	MR PWR CLR R	GND	MR START R
3E01	2T42	KEY DONE	KT0	GND	KST 1	GND	KST 2	GND	PI CONOSET	GND	CPA MEM PROT FLAG SET	GND	CPA NON EX MEM SET	CPA PAR ERR SET	GND	CPA PDL OV SET
G796 1A43	G796 2A03	-	AR 1 (0)	AR 1 (1)	AR 2 (1)	AR 3 (1)	AR 4 (1)	AR 5 (1)	AR 6 (1)	AR 7 (1)	AR 8 (1)	AR 9 (1)	AR 10 (1)	AR 11 (1)	-	GND
1B43	2B04	AD CRY 36(1)	SCAD 1 (1)	SCAD 2 (0)	SCAD 2 (1)	SCAD 3 (0)	SCAD 3 (1)	SCAD 4 (0)	SCAD 4 (1)	AD 09 (1)	AD CLR A	AR 0 CLR U	AR 0 SET U	AR 0 CLR	AR 0 SET	GND
1C43	2C04	SCAD 8 (0)	SCAD 8 (1)	AD CRY 0(1)	AD CRY 1(1)	AD CRY 0(0)	AD CRY 1(0)	AD 9 (0)	AD 0-7-0	AD 8-9-0	AD 10-17-0	AD 10-19-0	AD 20-27-0	AD 28-35-0	MQ 9-35-0	GND
1D43	2A02	AD AR+EN CLR	AD AR+EN SET	AD AR-EN CLR	AD AR-EN SET	AD BR+EN CLR	AD BR+EN SET	AD BR-EN CLR	AD BR-EN SET	AD -1 LH(0)	AD +1 LH(1)	AD CRY INS (0)	AD CRY 36(0)	AD 0(1)	AD 0(0)	GND
1E41	2D04	MQ 8(0)	MQ 35(0)	MQ 35(1)	MQ 34(0)	MQ 34(1)	ARMQ PRESERVE SIGN	ARMQ PRESERVE SIGN	ARMQ MULV ASHXVFP	ARMQ AR35 FM MQ 0 EN	ARMQ FP SH EN	AD AR+EN(1)	AD AR-EN(1)	AD BR+EN(1)	AD BR-EN(1)	GND
1F42	2D03	AR FXU(0)	AR FXU(1)	AR DCK(0)	AR DCK(1)	AR OV FLAG (0)	AR OV FLAG (1)	AR FOV(0)	AR FOV(1)	AR CRY 0 FLAG(0)	AR CRY 0 FLAG(1)	AR CRY 1 FLAG(0)	AR CRY 1 FLAG(1)	BYF 6 (0)	BYF 6 (1)	GND
1F41	2F04	BR 35(1)	EX USER(0)	EX USER(1)	EX IOT USER (0)	EX IOT USER (1)	ARI DFN CLR	ARI DFN SET	AR 8 (0)	AR 9 (0)	IR ROT	IR ROTC	ARMQ FDV NORM	IR ASHC	IR ASHC	GND
1F42	2F03	BR 8(1)	BR 11(0)	BR 11(1)	BR 12(0)	BR 12(1)	BR 13(0)	BR 13(1)	BR 23(1)	BR 23(2)	BR 30(1)	BR 31(1)	BR 32(1)	BR 33(1)	BR 34(1)	GND
1F43	2F02	BR 0(0)	BR 0(1)	BR 1(0)	BR 1(1)	BR 2(0)	BR 2(1)	BR 3(0)	BR 3(1)	BR 4(0)	BR 4(1)	BR 5(1)	BR 6(0)	BR 6(1)	BR 7(1)	GND
1N43	2H02	ARMQ LRC VMUL	ARMQ FP SH EN	ARMQ ASHC VMUL LAST	ARMQ BYTE MASK	DSF 1 (1)	IR 7(0)	IR 7(1)	IR 8(0)	IR 8(1)	IR 9(0)	IR 9(1)	IR 10(0)	IR 10(1)	IR 11(0)	GND
1P44	2H03	IR 0(1)	IR 0(0)	IR 1(0)	IR 1(1)	IR 2(0)	IR 2(1)	IR 3(0)	IR 3(1)	IR 4(0)	IR 4(1)	IR 5(0)	IR 5(1)	IR 6(0)	IR 6(1)	GND
1M41	2M04	IR 11(1)	IR 12(0)	IR 12(1)	IR 13(0)	IR 13(1)	IR 14(0)	IR 14(1)	IR 15(0)	IR 15(1)	IR 16(0)	IR 16(1)	IR 17(0)	IR 17(1)	IR 18(1)	GND
1M42	2M03	SC STOP SW	SC STOP(0)	FMA AC EN	FMA RCE EN	FMA MA EN	FMA XR EN	FMA FM AR (J)	-	-	-	-	-	-	-	GND
1N41	2N04	KEY PROG STOP	KEY PIINH (0)	EXCTF(0)	EX REL A	EX REL A	EX REL B	EX REL B	MA18-31-0	MA18-31-0	MAI FMA SEL(1)	MAI FMA SEL(0)	MC REQ CYC	MC RD(1)	MC WR(1)	GND
1P42	2P03	ARRILLADR	ARRILLADR	KEY START (1)	IR PUSH	IR PUSHJ	IR POPS	IR JRST	PI RQ	PI RQ	PI OV(1)	PB PAR(0)	PB PAR(1)	-	-	GND
1R41	2R04	KEY RIM(0)	MI PROG DIS SW	AS=BLA	AS=FMA	KEY F1(1)	RUN(1)	RUN(0)	KEY CONT(1)	PI CYC(1)	KEY RD(1)	PN PAR ODD	PN PAR EVEN	PI DATA I/O	KEY NEXT	GND
1S41	2S04	MC FM EN	PI SEL	KEY RIM(1)	KEY ITO EN	MC IGNORE PARITY (1)	-	BIO PI SEL	IOT DATA0	IOT DATA1	KEY CONT(0)	IOT BLK	MC STOP(1)	MC STOP(0)	KEY EXECUTE (1)	GND
3C01	2T39	IOB 0	IOB 1	IOB 2	IOB 3	IOB 4	IOB 5	IOB 6	IOB 7	IOB 8	IOB 9	IOB 10	IOB 11	IOB 12	IOB 13	GND
3C02	2T38	IOB 14	IOB 15	IOB 16	IOB 17	IOB 18	IOB 19	IOB 20	IOB 21	IOB 22	IOB 23	IOB 24	IOB 25	IOB 26	IOB 27	GND
3C03	2T37	RUN(1)	RUN(0)	IOB RDI DATA	KEY CONT (1)	KEY CONT (0)	KEY SING INST	IOB 28	IOB 29	IOB 30	IOB 31	IOB 32	IOB 33	IOB 34	IOB 35	GND

NOTES: 1.*

NAME	ORIGIN
IR UVO IND	1P26F
MC PAR STOP IND	1S18U
MC STOP IND	1T16U

REV	DATE	BY	CHK
1	3/16/67	...	...
2	3/16/67	...	...
3	3/16/67	...	...
4	3/16/67	...	...
5	3/16/67	...	...
6	3/16/67	...	...

QTY.	DESCRIPTION	PART NO.	ITEM NO.
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			
MATERIAL		FIRST USED ON	
FINISH		SCALE	
SHEET		OF	
DRN: Joe Ayres		DATE: 2-1-67	
CHKD: [Signature]		DATE: [Blank]	
ENG: [Blank]		DATE: [Blank]	
PROJ. ENG: [Blank]		DATE: [Blank]	
PROD: [Blank]		DATE: [Blank]	
TITLE: INTER-BAY CABLES			
SIZE CODE: D		NUMBER: IBC1 P06	
DIST: [Blank]		REV: [Blank]	


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CABLE PINS

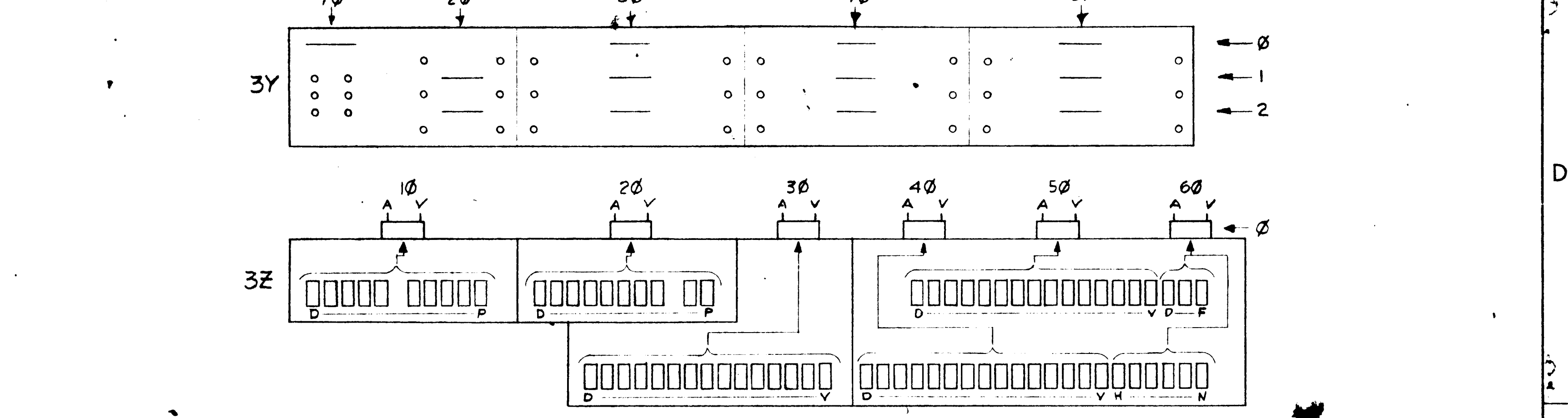
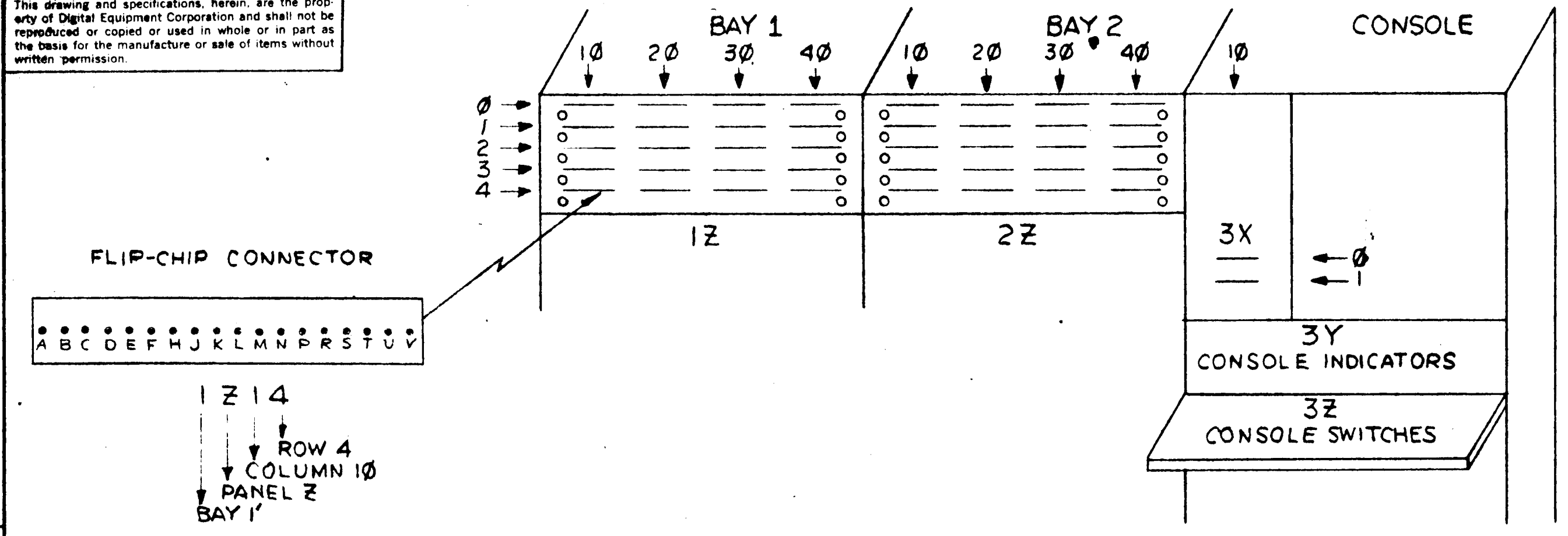
FROM	TO	D	E	F	H	J	K	L	M	N	P	R	S	T	U	V
3D01 3D02 3D03	2540 2539 2538	IOB 0 IOB 14 KEY SING INST	IOB 1 IOB 15 KEY START (1)	IOB 2 IOB 16 KEY EXECUTE (1)	IOB 3 IOB 17 KEY SYNC OPS	IOB 4 IOB 18 KT 1 EN	IOB 5 IOB 19 IOB STATUS A	IOB 6 IOB 20 IOB 28	IOB 7 IOB 21 IOB 29	IOB 8 IOB 22 IOB 30	IOB 9 IOB 23 IOB 31	IOB 10 IOB 24 IOB 32	IOB 11 IOB 25 IOB 33	IOB 12 IOB 26 IOB 34	IOB 13 IOB 27 IOB 35	GND GND GND
3F01 3F02	2542 2541	IR 3 (0) IR 10 (0)	IR 3 (1) IR 10 (1)	IR 4 (0) IR 11 (0)	IR 4 (1) IR 11 (1)	IR 5 (0) IR 12 (0)	IR 5 (1) IR 12 (1)	IR 6 (0) IOB FM AR	IR 6 (1) AR FOV (1)	IR 7 (0) AR OV FLAG (1)	IR 7 (1) IOT DATAI	IR 8 (0) IOT DATAO	IR 8 (1) PI STATUS A	IR 9 (0) PI STATUS B	IR 9 (1) PI ACT (1)	GND GND GND
3E02 3E03	2741 2740	PIH 1 (1) KEY F1 (1)	PIH 2 (1) KEY SYNC RQ (1)	PIH 3 (1) KEY SYNC (1)	PIH 4 (1) KEY MEM REF	PIH 5 (1) KEY NEXT	PIH 6 (1) KEY RDI (1)	PIH 7 (1) IOB PI 1	PIO 1 (1) IOB PI 2	PIO 2 (1) IOB PI 3	PIO 3 (1) IOB PI 4	PIO 4 (1) IOB PI 5	PIO 5 (1) IOB PI 6	PIO 6 (1) IOB PI 7	PIO 7 (1) IOT BLK	GND GND GND
3E04 3E05	1543 1544	KEY ADR BRK MR PWR CLR ENB	KEY ADR INST MR PWR CLR ENB	KEY ADR RD IOT CONO SET	KEY ADR STOP IOT CONO CLR	KEY ADR STOP IOT DATAO SET	KEY ADR WR IOT DATAO CLR	KEY AS STROBE EN IOB DATAI A	KEY SING CYCLE CPA PWR FAIL (0)	KEY DEP V DEP NKT VEKE IOB DR SALIT	KEY DEP V NKT —	KEY EX V NKT EX IOT USER (1)	KEY NXM STOP CPA PWR DLY	KEY NXM STOP BIO CPA SEL	KEY PAR STOP BIO PI SEL	GND GND GND
3E06 1P01 1R02	1144 2P04 2R03	IOT BLK IOB 23 MAI CMC ADR ACK	IOT CONI IOB 24 MC BUS WRS	IOT CONO IOB 25 GND	IOT CONSO IOB 26 MC PARITY PULSE	IOT CONSX IOB 29 GND	IOT CONSX IOB 32 KT 3A	IOT CONSZ MI PROG (0) GND	IOT T2 MI PROG (1) *MC PAR STOP IND	— — —	IOT GO (1) — —	— — —	— — —	— — —	MC ADR BRK SET GND	GND GND PI CONO SET

REVISIONS

CHG	NO.	REV.
REVISIONS	3/10/67	PO1
REVISIONS	3/14/67	PO2
REVISIONS	9/5/67	PO3
REVISIONS	9/11/67	PO4

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES		DRN. DATE	 digital EQUIPMENT CORPORATION <small>MAYNARD, MASSACHUSETTS</small>
TOLERANCES		ENG. DATE	
DECIMALS ± .005	FRACTIONS ± 1/64	PROJ. ENG. DATE	
ANGLES ± 0°30'		PROD. DATE	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS		FIRST USED ON	TITLE INTER-BAY CABLES
MATERIAL	FINISH	SCALE	SIZE CODE D
SHEET OF		DIST.	NUMBER IBC2
			REV. PO4

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CABLE PINS

FROM	TO	D	ORIGIN	E	ORIGIN	F	ORIGIN	H	ORIGIN	J	ORIGIN	K	ORIGIN	L	ORIGIN	M	ORIGIN	N	ORIGIN	P	ORIGIN	R	ORIGIN	S	ORIGIN	T	ORIGIN	U	ORIGIN	V	ORIGIN			
1844	1210	SC0 IND	1C31F	SC1 IND	1C31R	SC2 IND	1C33F	SC3 IND	1C33R	SC4 IND	1C35F	SC5 IND	1C35R	SC6 IND	1C37F	SC7 IND	1C37R	SC8 IND	1C39F	SC STOP IND	1C15F	LB BYTE LOAD	BAY 1	DB BYTE DEF	BAY 1								GND	
3806	1220	CPA PWR FAIL (1)	BAY 3	CPA ADR BREAK (1)	BAY 3	CPA PAR ERR (1)	BAY 3	CPA PAR ENB (1)	BAY 3	CPA PDL OV (1)	BAY 3	CPA MEM PROT FLAG (1)	BAY 3	CPA NON EX MEM (1)	BAY 3	CPA CLK FLAG (1)	BAY 3	CPA CLK FLAG (1)	BAY 3	PTP HOLE 8 (1)	BAY 3	PTP HOLE 7 (1)	BAY 3	PTP HOLE 6 (1)	BAY 3									
3805	1230	PTP HOLE 5 (1)	BAY 3	PTP HOLE 4 (1)	BAY 3	PTP HOLE 3 (1)	BAY 3	PTP HOLE 2 (1)	BAY 3	PTP HOLE 1 (1)	BAY 3	PTP NO TAPE	BAY 3	PTP BIN (1)	BAY 3	PTP BUSY (1)	BAY 3	PTP DONE (1)	BAY 3	PTP PIA 33 (1)	BAY 3	PTP PIA 34 (1)	BAY 3	PTP PIA 35 (1)	BAY 3									
1C94	1240	BLT F1 IND	1J06R	MPF1 IND	1J11F	MPF2 IND	1J11R	MPF1 IND	1J06F	BYF4 IND	1B15R	BYF5 IND	1C12F	BYF6 IND	1C15R	DSF1 IND	1F11F	DSF7 IND	1F11R	FAF1 IND	1B15F	FDI1 IND	1F18R	FDI3 IND	1F18F									
1A44	1211	SCAD0 IND	1A31R	SCAD1 IND	1A32R	SCAD2 IND	1A33R	SCAD3 IND	1A34R	SCAD4 IND	1A35R	SCAD5 IND	1A36R	SCAD6 IND	1A37R	SCAD7 IND	1A38R	SCAD8 IND	1A39R	NR SH RT COND IND	1E24F	NR NORMAL IND	1E25R	NR ROUND	BAY 1									
3804	1221	CPA FOV EN (1)	BAY 3	CPA AR OVEN (1)	BAY 3	CPA PIA 33 (1)	BAY 3	CPA PIA 34 (1)	BAY 3	CPA PIA 35 (1)	BAY 3			TTY TEST (1)	BAY 3	TTY TTI ACTIVE (1)	BAY 3	TTY TTI ACTIVE (1)	BAY 3	TTY TTI 8 (0)	BAY 3	TTY TTI 7 (0)	BAY 3	TTY TTI 6 (0)	BAY 3									
3803	1231	TTY TTI 5 (0)	BAY 3	TTY TTI 4 (0)	BAY 3	TTY TTI 3 (0)	BAY 3	TTY TTI 2 (0)	BAY 3	TTY TTI 1 (0)	BAY 3	TTY TTI BUSY (1)	BAY 3	TTY TTI FLAG (1)	BAY 3	TTY TTI FLAG (1)	BAY 3	TTY TTI FLAG (1)	BAY 3	TTY PIA 33 (1)	BAY 3	TTY PIA 34 (1)	BAY 3	TTY PIA 35 (1)	BAY 3									
1K44	1241	NRF1 IND	1C12R	KEY RIM (1)	BAY 3	1OT F1 IND	1R80F	1OT F1 IND	1R80R			AR OV FLAG IND	1K18F	AR CRV 0 FLAG IND	1K18R	AR CRV 1 FLAG IND	1K20F	AR FOV IND	1K20R	AR FRU IND	1K23F	AR DCK IND	1K23R	AR OV COND	BAY 1									
1D44	1212	FE 0 IND	1D31F	FE 1 IND	1D31R	FE 2 IND	1D33F	FE 3 IND	1D33R	FE 4 IND	1D35F	FE 5 IND	1D35R	FE 6 IND	1D37F	FE 7 IND	1D37R	FE 8 IND	1C39R	SCAD DATA 8 IND	1A25F	SCAD DATA 7 IND	1A25R	SCAD SC COMP IND	1A28F									
1J44	1222	SCAD 1 EN IND	1A28R	SCAD BE EN IND	1B28F	SCAD AR 6 11 EN IND	1B28R	SCAD 200 24 IND	1B28F	SCAD 33 EN IND	1B25R	AS=RLA	BAY 1	AS=FMA	BAY 1	EX ILL OP IND	1P22R	EX PI SYNC IND	1P16F	EX MODE SYNC IND	1P28R	EX IOT USER IND	1P25F	EX REL A	BAY 1									
3A02	1232	PTR ENB (1)	BAY 3	PTR PWR (1)	BAY 3	PTR GOT (1)	BAY 3	PTR BIN (1)	BAY 3	PTR BUSY (1)	BAY 3	PTR DONE (1)	BAY 3	PTR CNT 0 (1)	BAY 3	PTR CNT 1 (1)	BAY 3	PTR CNT 2 (1)	BAY 3	PTR PIA 33 (1)	BAY 3	PTR PIA 34 (1)	BAY 3	PTR PIA 35 (1)	BAY 3									
1E44	1242			AD AR+EN (1)	1D42R	AD AR-EN (1)	1D42S	AD BR+EN (1)	1D42T	AD BR-EN (1)	1D42U	AD CRV 56 IND	1E38R	AD CRV 1 NS IND	1E38R	AD 1 LH IND	1E38R	AD 1 LH IND	1E33F	AD MD+ IND	1F26F	AD MD- IND	1F27F	AD COND	1F25F									
3A03	1213	PTR 0 (1)	BAY 3	PTR 1 (1)	BAY 3	PTR 2 (1)	BAY 3	PTR 3 (1)	BAY 3	PTR 4 (1)	BAY 3	PTR 5 (1)	BAY 3	PTR 6 (1)	BAY 3	PTR 7 (1)	BAY 3	PTR 8 (1)	BAY 3	PTR 9 (1)	BAY 3	PTR 10 (1)	BAY 3	PTR 11 (1)	BAY 3									
3A04	1223	PTR 12 (1)	BAY 3	PTR 13 (1)	BAY 3	PTR 14 (1)	BAY 3	PTR 15 (1)	BAY 3	PTR 16 (1)	BAY 3	PTR 17 (1)	BAY 3	PTR 18 (1)	BAY 3	PTR 19 (1)	BAY 3	PTR 20 (1)	BAY 3	PTR 21 (1)	BAY 3	PTR 22 (1)	BAY 3	PTR 23 (1)	BAY 3									
3A05	1233	PTR 24 (1)	BAY 3	PTR 25 (1)	BAY 3	PTR 26 (1)	BAY 3	PTR 27 (1)	BAY 3	PTR 28 (1)	BAY 3	PTR 29 (1)	BAY 3	PTR 30 (1)	BAY 3	PTR 31 (1)	BAY 3	PTR 32	BAY 3	PTR 33 (1)	BAY 3	PTR 34 (1)	BAY 3	PTR 35 (1)	BAY 3									
1N44	1243			FCE	BAY 1	FCE PSE	BAY 1	FAC INH	BAY 1	FACE	BAY 1	FCC ACCT	BAY 1	FCC ACET	BAY 1	SCE	BAY 1	ST INH	BAY 1	SAC 2	BAY 1	SAC INH	BAY 1	SAR+BR	BAY 1									
3B44	1219	JOB 0	BAY 2	JOB 1	BAY 2	JOB 2	BAY 2	JOB 3	BAY 2	JOB 4	BAY 2	JOB 5	BAY 2	JOB 6	BAY 2	JOB 7	BAY 2	JOB 8	BAY 2	JOB 9	BAY 2	JOB 10	BAY 2	JOB 11	BAY 2									
3B45	1224	JOB 12	BAY 2	JOB 13	BAY 2	JOB 14	BAY 2	JOB 15	BAY 2	JOB 16	BAY 2	JOB 17	BAY 2	JOB 18	BAY 2	JOB 19	BAY 2	JOB 20	BAY 2	JOB 21	BAY 2	JOB 22	BAY 2	JOB 23	BAY 2									
3B46	1234	JOB 24	BAY 2	JOB 25	BAY 2	JOB 26	BAY 2	JOB 27	BAY 2	JOB 28	BAY 2	JOB 29	BAY 2	JOB 30	BAY 2	JOB 31	BAY 2	JOB 32	BAY 2	JOB 33	BAY 2	JOB 34	BAY 2	JOB 35	BAY 2									
3N44	1244	IFO IND	1M05F	AF 2 IND	1P09F	FF 1 IND	1M05R	FF 1 IND	1M05R	FF 1 IND	1M05F	E UOOF IND	1M05R	E XCTF IND	1M05R	E P LONG	BAY 1	E P LONG	BAY 1	SF 1 IND	1K19F	SF 6 IND	1K19R	SF 8 IND	1K22F									
2D01	2210	AR 0 IND	2C07F	AR 1 IND	2C07R	AR 2 IND	2C09F	AR 3 IND	2C09R	AR 4 IND	2C11F	AR 5 IND	2C11R	AR 6 IND	2C13F	AR 7 IND	2C13R	AR 8 IND	2C15F	AR 9 IND	2C15R	AR 10 IND	2C17F	AR 11 IND	2C17R									
2E02	2220	AR 12 IND	2C20F	AR 13 IND	2C20R	AR 14 IND	2C22F	AR 15 IND	2C22R	AR 16 IND	2C23F	AR 17 IND	2C23R	AR 18 IND	2C25F	AR 19 IND	2C25R	AR 20 IND	2C26F	AR 21 IND	2C26R	AR 22 IND	2C28F	AR 23 IND	2C28R									
2E04	2230	AR 24 IND	2C32F	AR 25 IND	2C32R	AR 26 IND	2C34F	AR 27 IND	2C34R	AR 28 IND	2C36F	AR 29 IND	2C36R	AR 30 IND	2C38F	AR 31 IND	2C38R	AR 32 IND	2C40F	AR 33 IND	2C40R	AR 34 IND	2C42F	AR 35 IND	2C42R									
1A44	2240	PI OV IND	3P09R	PI CYC IND	3P16R	MC RQ IND	3T36R	MC RD IND	3T16H	MC WR IND	3T16L	MC RQ CYC	BAY 1	MC SPLIT CYC SYNC IND	3S18R	MC FM EN	BAY 1	MAT FMA SEL IND	3S22R	FMA AC IND	3T36R	FMA AC2 IND	3T36F	FMA RR IND	3T36F									
2E01	2211	BR 0 IND	2F07F	BR 1 IND	2F07R	BR 2 IND	2F09F	BR 3 IND	2F09R	BR 4 IND	2F11F	BR 5 IND	2F11R	BR 6 IND	2F13F	BR 7 IND	2F13R	BR 8 IND	2F15F	BR 9 IND	2F15R	BR 10 IND	2F17F	BR 11 IND	2F17R									
2E03	2221	BR 12 IND	2F19F	BR 13 IND	2F19R	BR 14 IND	2F21F	BR 15 IND	2F21R	BR 16 IND	2F23F	BR 17 IND	2F23R	BR 18 IND	2F25F	BR 19 IND	2F25R	BR 20 IND	2F27F	BR 21 IND	2F27R	BR 22 IND	2F29F	BR 23 IND	2F29R									
2F02	2231	BR 24 IND	2F32F	BR 25 IND	2F32R	BR 26 IND	2F34F	BR 27 IND	2F34R	BR 28 IND	2F36F	BR 29 IND	2F36R	BR 30 IND	2F38F	BR 31 IND	2F38R	BR 32 IND	2F40F	BR 33 IND	2F40R	BR 34 IND	2F42F	BR 35 IND	2F42R									
3B07	2241	KEY F1 (1)	3E03D	KEY SYNC 8 (1)	3E03E	KEY SYNC (1)	3E03F	KEY RESET (1)	BAY 3	KEY ENAM (1)	BAY 3	KEY EX NXT (1)	BAY 3	KEY DEP (1)	BAY 3	KEY DEP NXT	BAY 3	KEY RDI (1)	BAY 3	KEY START (1)	BAY 3	KEY EXC (1)	BAY 3	KEY CONT (1)	BAY 3									
2A02	2212	AD 0 IND	2A07R	AD 1 IND	2A08R	AD 2 IND	2A09R	AD 3 IND	2A10R	AD 4 IND	2A11R	AD 5 IND	2A12R	AD 6 IND	2A13R	AD 7 IND	2A14R	AD 8 IND	2A15R	AD 9 IND	2A16R	AD 10 IND	2A17R	AD 11 IND	2A18R									
2B01	2222	AD 12 IND	2A19R	AD 13 IND	2A20R	AD 14 IND	2A21R	AD 15 IND	2A22R	AD 16 IND	2A23R	AD 17 IND	2A24R	AD 18 IND	2A25R	AD 19 IND	2A26R	AD 20 IND	2A27R	AD 21 IND	2A28R	AD 22 IND	2A29R	AD 23 IND	2A30R									
2C01	2232	AD 24 IND	2A32R	AD 25 IND	2A33R	AD 26 IND	2A34R	AD 27 IND	2A35R	AD 28 IND	2A36R	AD 29 IND	2A37R	AD 30 IND	2A38R	AD 31 IND	2A39R	AD 32 IND	2A40R	AD 33 IND	2A41R	AD 34 IND	2A42R	AD 35 IND	2A43R									
2N01	2242			IR UO IND	2P03V	IR L TEN (1)	BAY 2	IR ET EN (1)	BAY 2	IR L (1)	BAY 2	RL 13 (1)	BAY 2	RL 20 (1)	BAY 2	RL 21 (1)	BAY 2	RL 22 (1)	BAY 2	RL 23 (1)	BAY 2	RL 24 (1)	BAY 2	RL 25 (1)	BAY 2									
2H01	2213	MQ 0 IND	2H07F	MQ 1 IND	2H07R	MQ 2 IND	2H09F	MQ 3 IND	2H09R	MQ 4 IND	2H11F	MQ 5 IND	2H11R	MQ 6 IND	2H13F	MQ 7 IND	2H13R	MQ 8 IND	2H15F	MQ 9 IND	2H15R	MQ 10 IND	2H17F	MQ 11 IND	2H17R									
2J01	2223	MQ 12 IND	2H19F	MQ 13 IND	2H19R	MQ 14 IND	2H21F	MQ 15 IND	2H21R	MQ 16 IND	2H23F	MQ 17 IND	2H23R	MQ 18 IND	2H25F	MQ 19 IND	2H25R	MQ 20 IND	2H27F	MQ 21 IND	2H27R	MQ 22 IND	2H29F	MQ 23 IND	2H29R									
2M01	2233	MQ 24 IND	2H28F	MQ 25 IND	2H28R	MQ 26 IND	2H30F	MQ 27 IND	2H30R	MQ 28 IND	2H32F	MQ 29 IND	2H32R	MQ 30 IND	2H34F	MQ 31 IND	2H34R	MQ 32 IND	2H36F	MQ 33 IND	2H36R	MQ 34 IND	2H38F	MQ 35 IND	2H38R									
2N02	2243	FMA 32	BAY 2	FMA 33	BAY 2	FMA 34	BAY 2	FMA 35	BAY 2	RLA 18 IND	2H36R	RLA 19 IND	2H37R	RLA 20 IND	2H38R	RLA 21 IND	2H39R	RLA 22 IND	2H40R	RLA 23 IND	2H41R	RLA 24 IND	2H42R	RLA 25 IND	2H43R									
2P01	2214	PB 0 IND	2P07H	PB 1 IND	2P07L	PB 2 IND	2P09H	PB 3 IND	2P09L	PB 4 IND	2P11H	PB 5 IND	2P11L	PB 6 IND	2P13H	PB 7 IND	2P13L	PB 8 IND	2P15H	PB 9 IND	2P15L	PB 10 IND	2P17H	PB 11 IND	2P17L									
2S01	2224	PB 12 IND	2P13H	PB 13 IND	2P13L	PB 14 IND	2P15H	PB 15 IND	2P15L	PB 16 IND	2P17H	PB 17 IND	2P17L	PB 18 IND	2P19H	PB 19 IND	2P19L	PB 20 IND	2P21H	PB 21 IND	2P21L	PB 22 IND	2P23H	PB 23 IND	2P23L									
2T01	2234	PB 24 IND	2P19H	PB 25 IND	2P19L	PB 26 IND	2P21H	PB 27 IND	2P21L	PB 28 IND	2P23H	PB 29 IND	2P23L	PB 30 IND	2P25H	PB 31 IND	2P25L	PB 32 IND	2P27H	PB 33 IND	2P27L	PB 34 IND	2P29H	PB 35 IND	2P29L									

NOTES: 1. THIS IS A PIN ON THE IBC CABLE (ORIGIN OF SIGNAL IN ANOTHER BAY)

REVISIONS

CHK	CHANGE NO.	REV	DATE	BY
✓	1	P1	7/10/67	PA1
✓	2	P2	7/11/67	PA1
✓	3	P3	9/11/67	PA1
✓	4	P4	4/11/67	PA1

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
digital CORPORATION MAYNARD, MASSACHUSETTS			
TITLE INDICATOR AND CONSOLE SWITCH CONNECTIONS			
UNLESS OTHERWISE SPECIFIED	DRN.	DATE	EQUIPMENT
UNLESS OTHERWISE SPECIFIED	CHK'D.	DATE	CORPORATION
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS			

ations, herein, are the prop
 Corporation and shall not be
 led in whole or in part as
 or sale of items without

CABLE PINS

FROM	TO	D	ORIGIN	E	ORIGIN	F	ORIGIN	H	ORIGIN	J	ORIGIN	K	ORIGIN	L	ORIGIN	M	ORIGIN	N	ORIGIN	P	ORIGIN	R	ORIGIN	S	ORIGIN	T	ORIGIN	U	ORIGIN	V	ORIGIN
2P01	2244	MC IGNORE PARITY (1)	2S14J	AB MAR (1)	BAY2	AN PAR CDD IND	2P15F	MC PAR STOP IND	2R05M	PR 20 (1)	BAY2	PR 19 (1)	BAY2	PR 20 (2)	BAY2	PR 21 (1)	BAY2	PR 22 (1)	BAY2	PR 23 (1)	BAY2	PR 24 (1)	BAY2	PR 25 (1)	BAY2					GND	
2P37	3Y10	RUN IND	2E28F	PI ACT (1)	BAY2	AN PAR CDD IND	2P15F	MC PAR STOP IND	2R05M	PR 20 (1)	BAY2	PR 19 (1)	BAY2	PR 20 (2)	BAY2	PR 21 (1)	BAY2	PR 22 (1)	BAY2	PR 23 (1)	BAY2	PR 24 (1)	BAY2	PR 25 (1)	BAY2					GND	
2P38	3Y30	MI PROG (0)	*2P04L	MI PROG (1)	*2P04M																										
2P39	3Y40	PC 24 IND	2J32F	PC 25 IND	2J32R	PC 26 IND	2J32F	PC 27 IND	2J32R	PC 28 IND	2J32F	PC 29 IND	2J32R	PC 30 IND	2J32F	PC 31 IND	2J32R	PC 32 IND	2J32F	PC 33 IND	2J32R	PC 34 IND	2J32F	PC 35 IND	2J32R						
2P40	3Y21	PIH 1 IND	2S07F	PIH 2 IND	2S07R	PIH 3 IND	2S07F	PIH 4 IND	2S07R	PIH 5 IND	2S07F	PIH 6 IND	2S07R	PIH 7 IND	2S07F	PIH 8 IND	2S07R	PIH 9 IND	2S07F	PIH 10 IND	2S07R	PIH 11 IND	2S07F	PIH 12 IND	2S07R						
2P41	3Y31	IR 0 IND	2J07F	IR 1 IND	2J07R	IR 2 IND	2J07F	IR 3 IND	2J07R	IR 4 IND	2J07F	IR 5 IND	2J07R	IR 6 IND	2J07F	IR 7 IND	2J07R	IR 8 IND	2J07F	IR 9 IND	2J07R	IR 10 IND	2J07F	IR 11 IND	2J07R						
2P42	3Y41	IR 12 IND	2J18F	IR 13 IND	2J18R	IR 14 IND	2J18F	IR 15 IND	2J18R	IR 16 IND	2J18F	IR 17 IND	2J18R	IR 18 IND	2J18F	IR 19 IND	2J18R	IR 20 IND	2J18F	IR 21 IND	2J18R	IR 22 IND	2J18F	IR 23 IND	2J18R						
2P43	3Y51	MA 24 IND	2L32F	MA 25 IND	2L32R	MA 26 IND	2L32F	MA 27 IND	2L32R	MA 28 IND	2L32F	MA 29 IND	2L32R	MA 30 IND	2L32F	MA 31 IND	2L32R	MA 32 IND	2L32F	MA 33 IND	2L32R	MA 34 IND	2L32F	MA 35 IND	2L32R						
2P44	3Y22	PIO 1 (1)	BAY2	PIO 2 (1)	BAY2	PIO 3 (1)	BAY2	PIO 4 (1)	BAY2	PIO 5 (1)	BAY2	PIO 6 (1)	BAY2	PIO 7 (1)	BAY2	PIO 8 (1)	BAY2	PIO 9 (1)	BAY2	PIO 10 (1)	BAY2	PIO 11 (1)	BAY2	PIO 12 (1)	BAY2						
2P45	3Y32	MI 0 IND	2M07H	MI 1 IND	2M07L	MI 2 IND	2M07H	MI 3 IND	2M07L	MI 4 IND	2M07H	MI 5 IND	2M07L	MI 6 IND	2M07H	MI 7 IND	2M07L	MI 8 IND	2M07H	MI 9 IND	2M07L	MI 10 IND	2M07H	MI 11 IND	2M07L						
2P46	3Y42	MI 12 IND	2M13H	MI 13 IND	2M13L	MI 14 IND	2M13H	MI 15 IND	2M13L	MI 16 IND	2M13H	MI 17 IND	2M13L	MI 18 IND	2M13H	MI 19 IND	2M13L	MI 20 IND	2M13H	MI 21 IND	2M13L	MI 22 IND	2M13H	MI 23 IND	2M13L						
2P47	3Y52	MI 24 IND	2M19H	MI 25 IND	2M19L	MI 26 IND	2M19H	MI 27 IND	2M19L	MI 28 IND	2M19H	MI 29 IND	2M19L	MI 30 IND	2M19H	MI 31 IND	2M19L	MI 32 IND	2M19H	MI 33 IND	2M19L	MI 34 IND	2M19H	MI 35 IND	2M19L						
2P48	3X10	SC STOP SW	2M09D	MG PM EN	2S08D	MI 20 DTS	2M09D	MI 21 DTS	2M09D	MI 22 DTS	2M09D	MI 23 DTS	2M09D	MI 24 DTS	2M09D	MI 25 DTS	2M09D	MI 26 DTS	2M09D	MI 27 DTS	2M09D	MI 28 DTS	2M09D	MI 29 DTS	2M09D						
2P49	3X11	KEY REPEAT	BAY3	KEY REPEAT	BAY3	KEY REPEAT	BAY3	KEY REPEAT	BAY3	KEY REPEAT	BAY3	KEY REPEAT	BAY3	KEY REPEAT	BAY3	KEY REPEAT	BAY3	KEY REPEAT	BAY3	KEY REPEAT	BAY3	KEY REPEAT	BAY3	KEY REPEAT	BAY3						
2P50	3X12	KEY STING SW	BAY3	KEY STING SW	BAY3	KEY STING SW	BAY3	KEY STING SW	BAY3	KEY STING SW	BAY3	KEY STING SW	BAY3	KEY STING SW	BAY3	KEY STING SW	BAY3	KEY STING SW	BAY3	KEY STING SW	BAY3	KEY STING SW	BAY3	KEY STING SW	BAY3						
2P51	3X13	KEY ROT SW	BAY3	KEY ROT SW	BAY3	KEY ROT SW	BAY3	KEY ROT SW	BAY3	KEY ROT SW	BAY3	KEY ROT SW	BAY3	KEY ROT SW	BAY3	KEY ROT SW	BAY3	KEY ROT SW	BAY3	KEY ROT SW	BAY3	KEY ROT SW	BAY3	KEY ROT SW	BAY3						
2P52	3X14	DS 0	BAY2	DS 1	BAY2	DS 2	BAY2	DS 3	BAY2	DS 4	BAY2	DS 5	BAY2	DS 6	BAY2	DS 7	BAY2	DS 8	BAY2	DS 9	BAY2	DS 10	BAY2	DS 11	BAY2						
2P53	3X15	DS 15	BAY2	DS 16	BAY2	DS 17	BAY2	DS 18	BAY2	DS 19	BAY2	DS 20	BAY2	DS 21	BAY2	DS 22	BAY2	DS 23	BAY2	DS 24	BAY2	DS 25	BAY2	DS 26	BAY2						
2P54	3X16	AS 10	BAY2	AS 11	BAY2	AS 12	BAY2	AS 13	BAY2	AS 14	BAY2	AS 15	BAY2	AS 16	BAY2	AS 17	BAY2	AS 18	BAY2	AS 19	BAY2	AS 20	BAY2	AS 21	BAY2						
2P55	3X17	AS 20	BAY2	AS 21	BAY2	AS 22	BAY2	AS 23	BAY2	AS 24	BAY2	AS 25	BAY2	AS 26	BAY2	AS 27	BAY2	AS 28	BAY2	AS 29	BAY2	AS 30	BAY2	AS 31	BAY2						
2P56	3X18	AS 30	BAY2	AS 31	BAY2	AS 32	BAY2	AS 33	BAY2	AS 34	BAY2	AS 35	BAY2	AS 36	BAY2	AS 37	BAY2	AS 38	BAY2	AS 39	BAY2	AS 40	BAY2	AS 41	BAY2						

NOTES: 1. THIS IS A PIN ON THE IBC CABLE (ORIGIN OF SIGNAL IS IN ANOTHER BAY)
 2. THIS IS A PIN ON THE IBC CABLE (SIGNAL IS USED IN BAY 1)

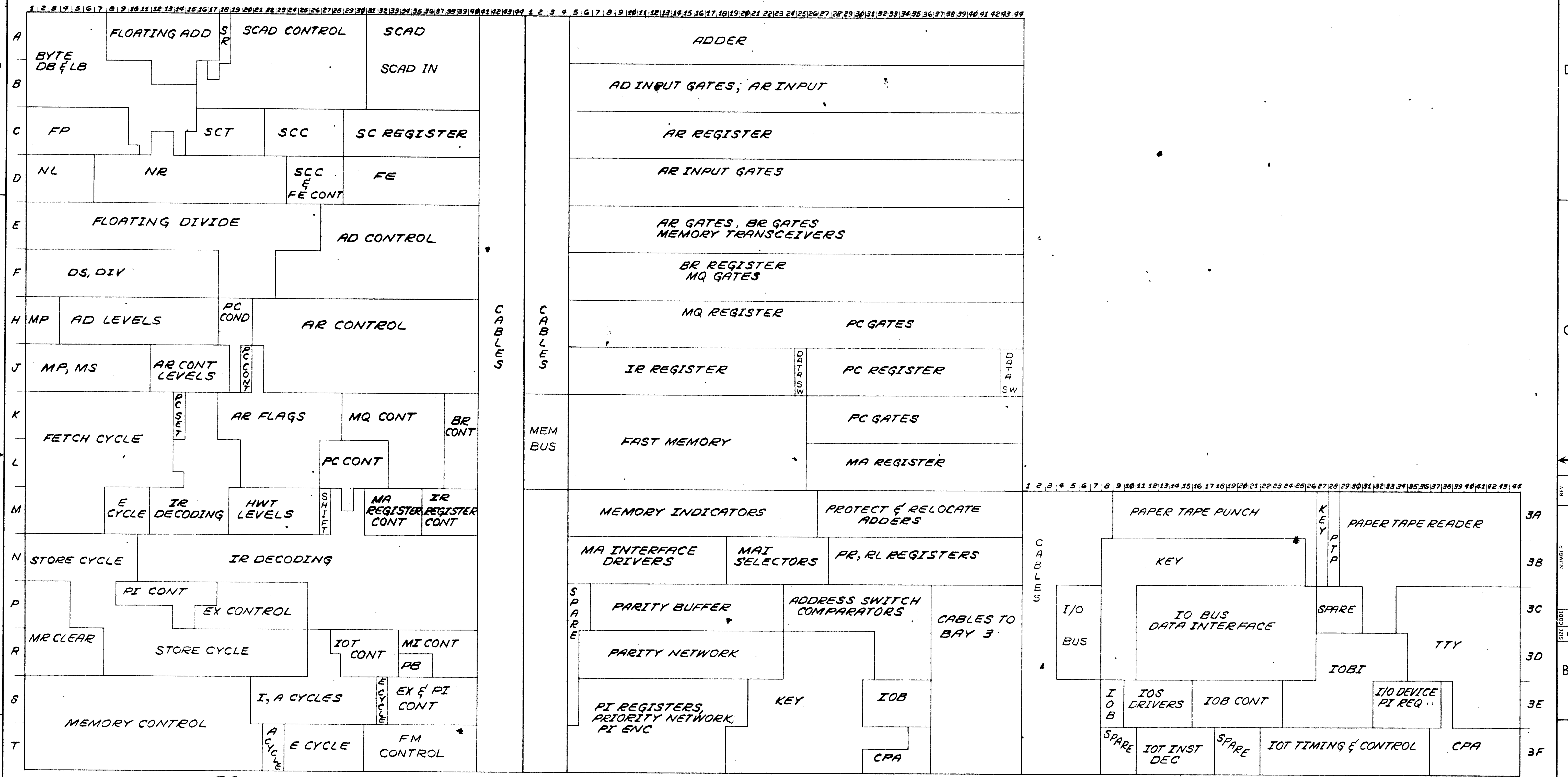
REV	REV	REV	REV
1	2	3	4
CHG	REVISED	REVISED	REVISED
NO	3/1/67	3/1/67	3/1/67
BY	...	...	...

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED	DRN.	DATE	
UNLESS OTHERWISE SPECIFIED	CHK'D.	DATE	
TOLERANCES	ENG.	DATE	
DECIMALS ± .005	PROJ. ENG.	DATE	
FRACTIONS ± 1/64	PROD.	DATE	
ANGLES ± 0°30'	FIRST USED ON		
FINAL SURFACE QUALITY	SCALE		
REMOVE BURRS AND BREAK SHARP CORNERS	SHEET 2 OF 2		
MATERIAL	TITLE		
FINISH	INDICATOR AND CONSOLE SWITCH CONNECTIONS		
	SIZE CODE	NUMBER	REV
	D	ICSC2 P03	

REV NUMBER SIZE CODE D B

A

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REV	NO	DATE

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED	DRN. <i>See Agree</i>	DATE 2-1-67	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS
UNLESS OTHERWISE SPECIFIED	CHKD.	DATE	
TOLERANCES	ENG.	DATE	
DECIMALS FRACTIONS ANGLES ± .005 ± 1/64 ± 0°30'	PROJ. ENG.	DATE	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	PROD.	DATE	TITLE PDP-10 PROCESSOR LAYOUT
MATERIAL	FIRST USED ON	SCALE	SIZE CODE D
FINISH	SHEET OF	DIST.	NUMBER PRL
			REV.