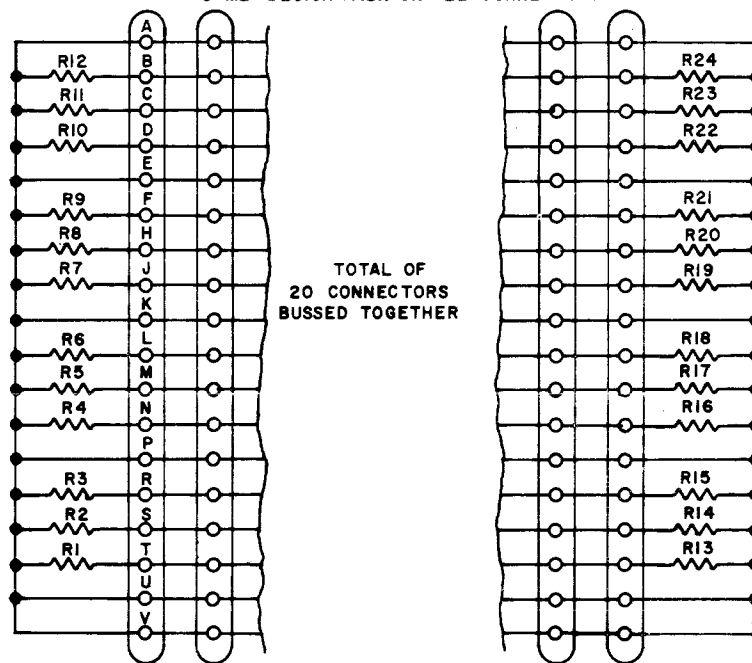


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SAME DESIGNATION ON ALL CONNECTORS



UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 68 1/4W; 10%
 RESISTORS R11, R12, R23 & R24
 ARE 47 1/4W; 10%
 CONNECTORS ARE 18 PIN AMPHENOL
 PLUG 143-D18-04

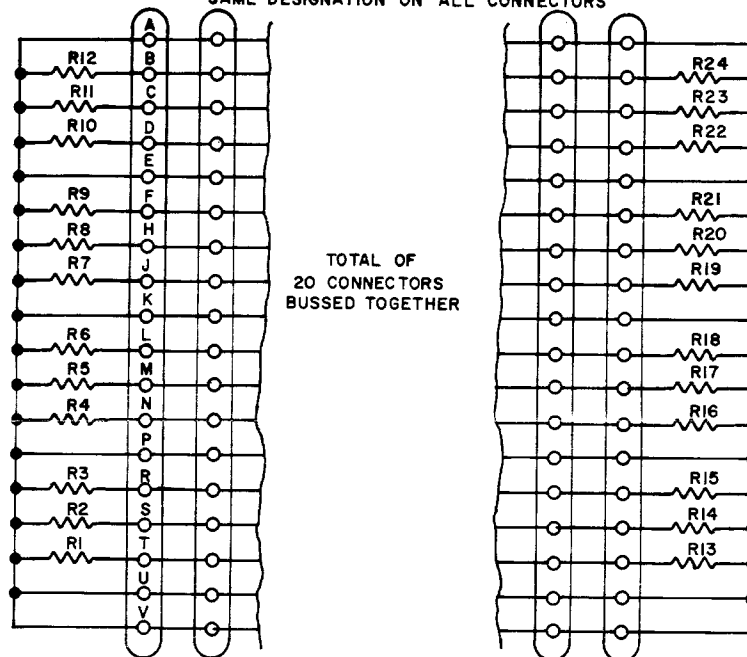
REVISIONS CHK CHG NO. REV.	DRN <i>[Signature]</i>	DATE 8/17/66	TRANSISTOR & DIODE CONVERSION CHART				digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE PDP 6 REAR BUSS TERMINATORS 1051R			
	CHK'D <i>[Signature]</i>	DATE 8/17/66	DEC	EIA	DEC	EIA		SIZE B	CODE CS	NUMBER 1051-R-1	REV.
	ENG <i>[Signature]</i>	DATE 8/17/66									
	PROD.	DATE									

DEC FORM NO.
DRB 102

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

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SAME DESIGNATION ON ALL CONNECTORS



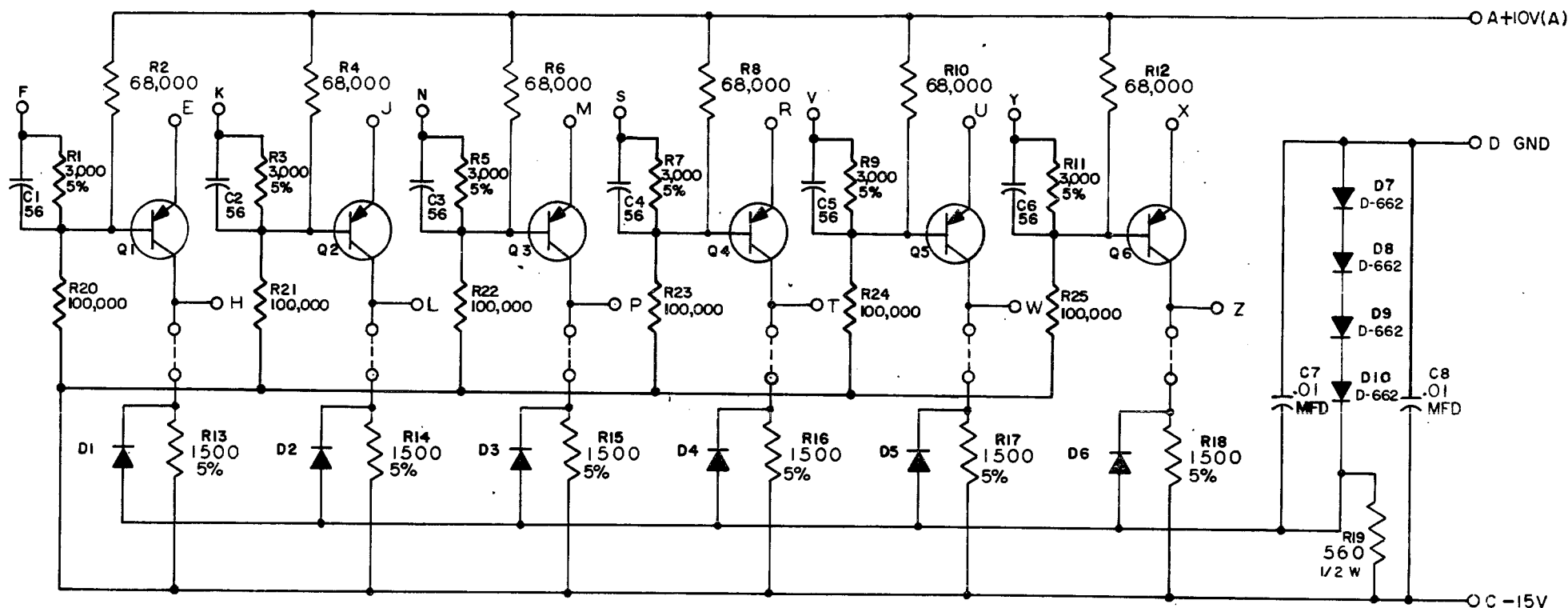
UNLESS OTHERWISE INDICATED:
RESISTORS ARE 68 1/4W; 10%
RESISTORS R1, R2, R7, R8, R13,
R14, R19 & R20 ARE 47 1/4W; 10%
CONNECTORS ARE 18 PIN AMPHENOL
PLUGS 143-D18-04

REVISIONS CHK CHG NO REV	DRW	DATE	TRANSISTOR & DIODE CONVERSION CHART				digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE PDP6 REAR BUSS TERMINATORS 1051S			
	CHK'D	DATE	DEC	EIA	DEC	EIA		SIZE	CODE	NUMBER	REV
	ENG	DATE						B	CS	1051-S-1	
	PROD.	DATE									

DEC FORM NO.
DRB 102

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1103-9



UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 1/4 W; 10 %
 CAPACITORS ARE MMFD
 DIODES ARE D-664
 TRANSISTORS ARE DEC2894-1

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC2894-1	DEC2894-1		
D-664	1N3458		
D-662	1N3458		

NOTES

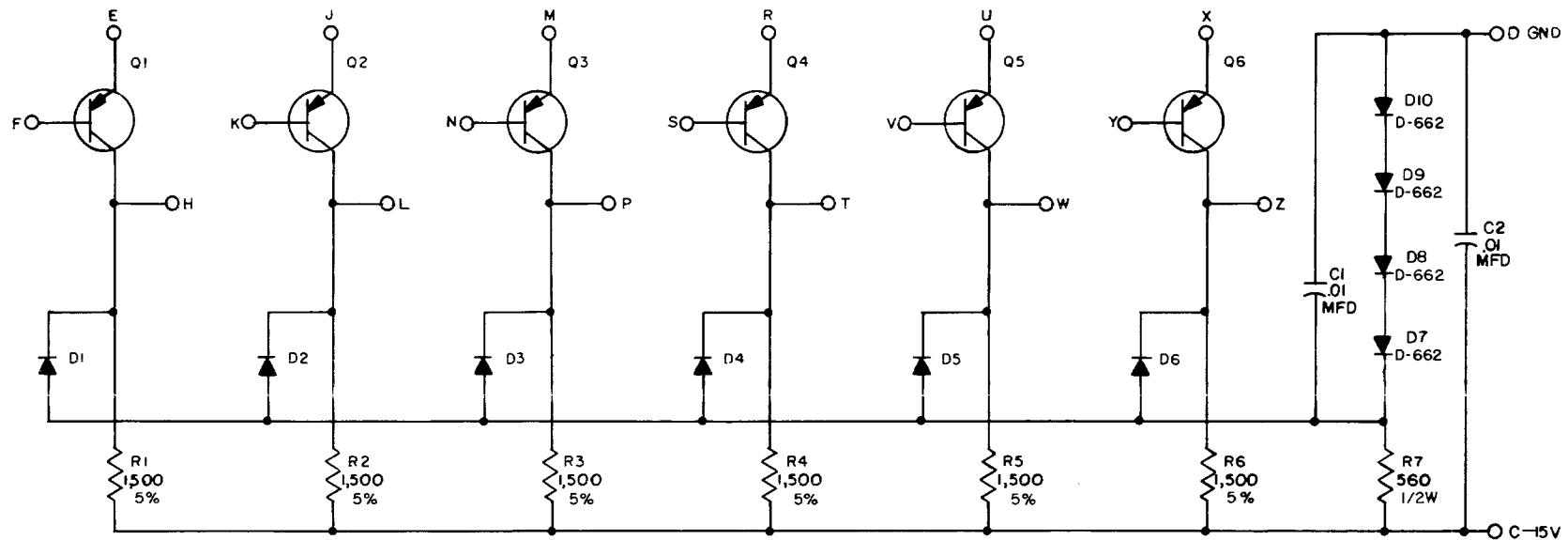
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
SB													RS-B-1103										9		
INVERTER 1103																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-1103A-3



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 10%
CAPACITORS ARE MMFD
DIODES ARE D-001
TRANSISTORS ARE MA90

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D-001	1N276		
D-662	1N645		
MA90	2N2451		

NOTES

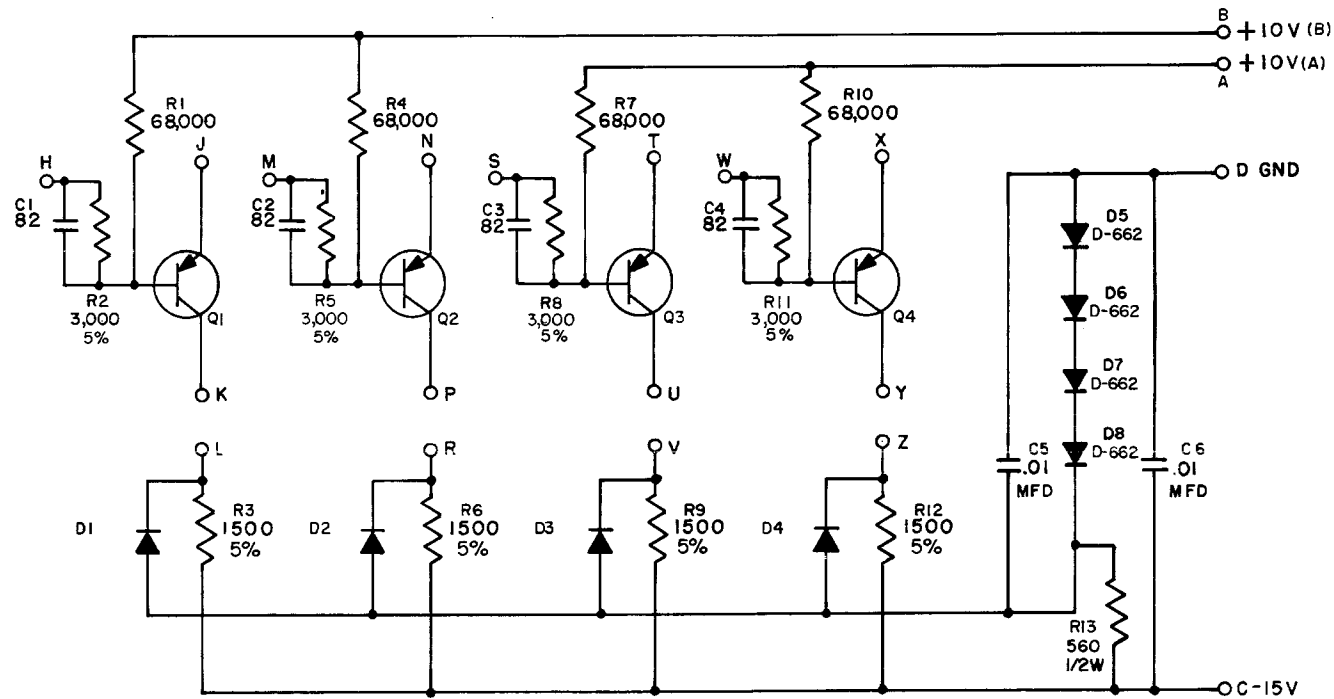
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
E,F											RS-1103A											3			
INVERTER 1103A																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-1104-9



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W; 10 %
CAPACITORS ARE MMFD.
TRANSISTORS ARE MA90
DIODES ARE D-001

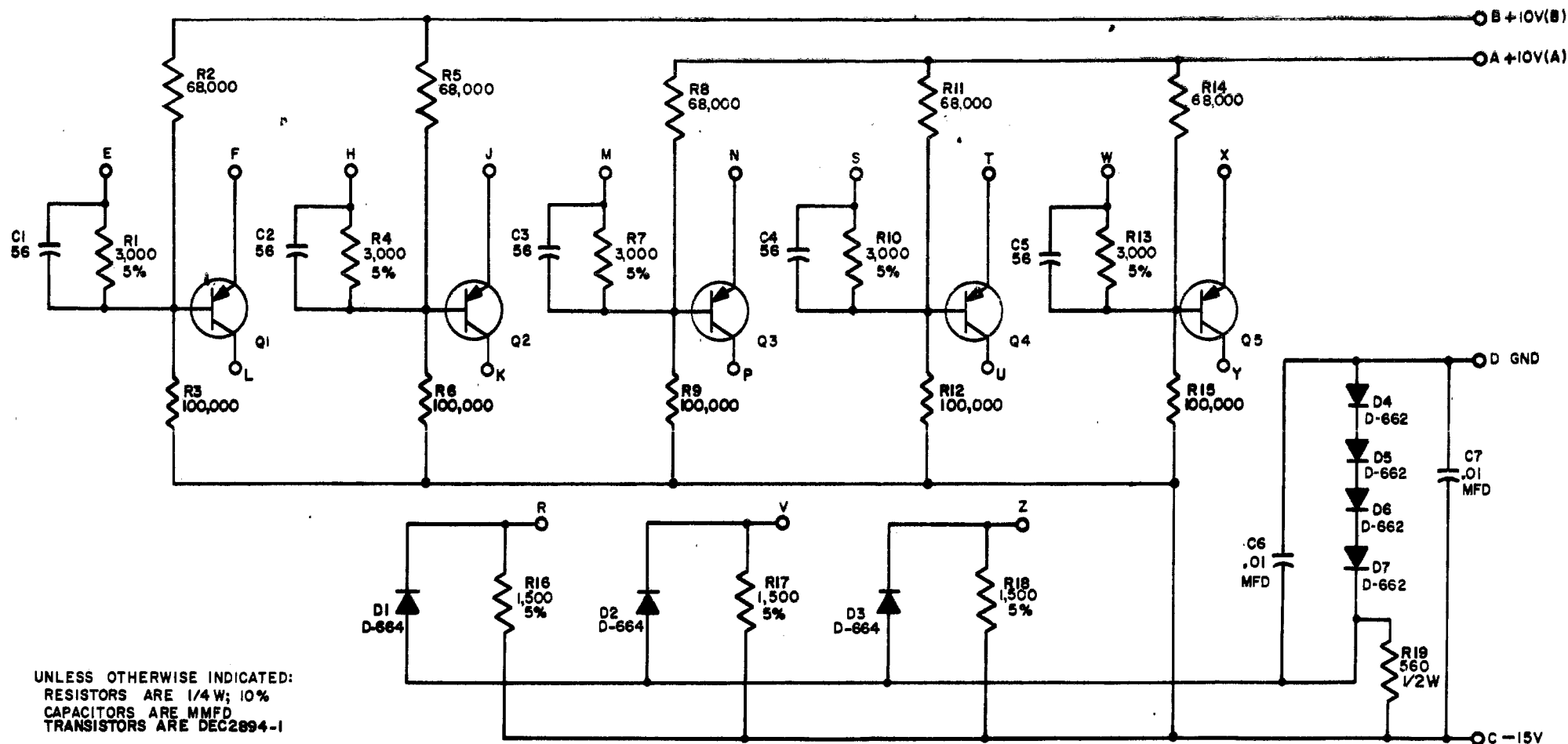
TRANSISTOR & DIODE CONVERSION CHART			
DEC		EIA	
MA90		2N2451	
D-001		1N276	
D-662		1N645	

NOTES

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A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	R	S	T	U	V	W	X	Y	Z
B,D,E,F										RS-1104										9			
INVERTER . 1104																							



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC2894-1	DEC2894-1		
D-664	IN3000		
D-662	1N938		

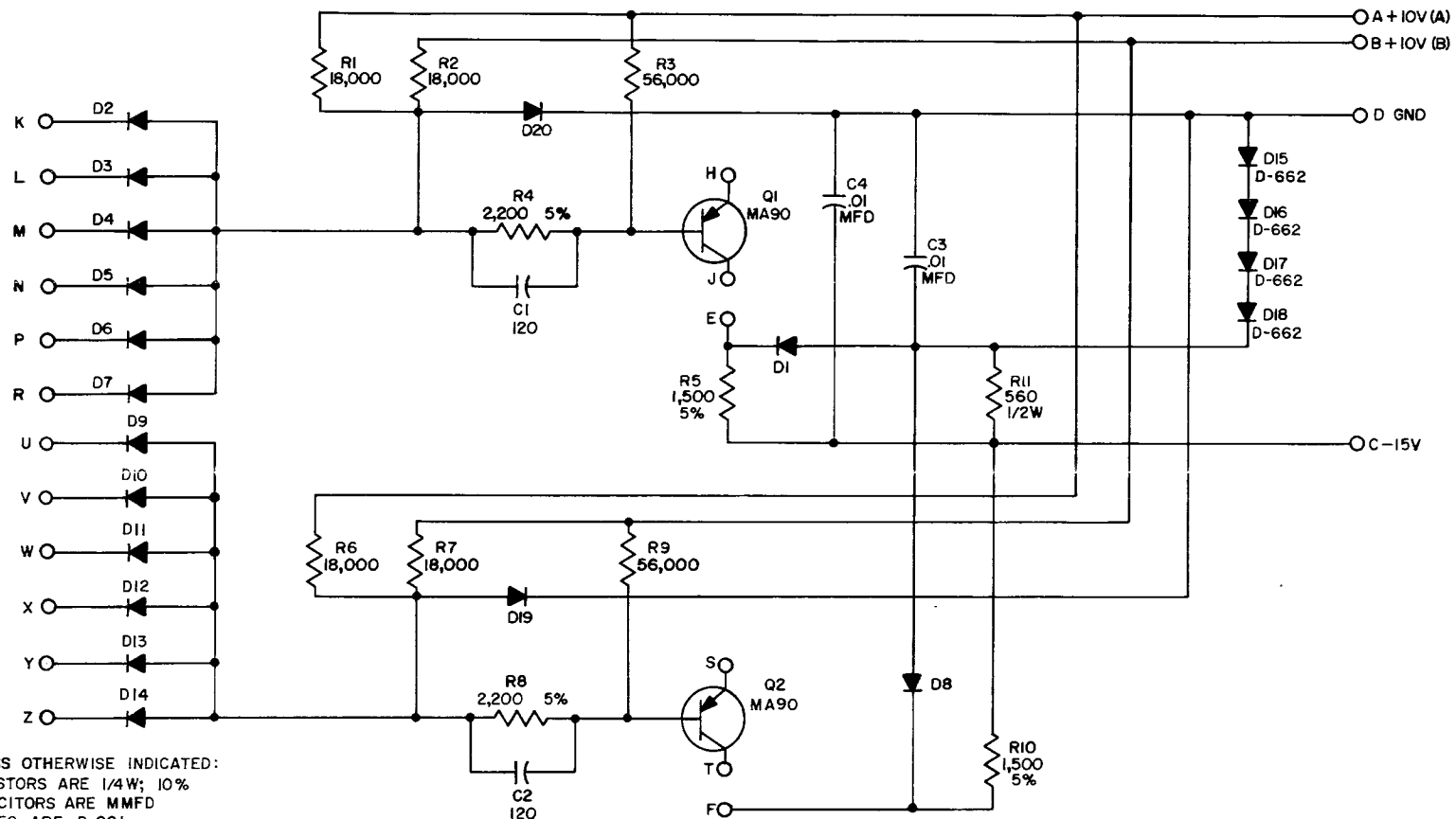
NOTES

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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																			
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																			
H				RS-B-1105												8			
INVERTER 1105																			

RS-1110-10



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
MA90	2N2451		
D-001	1N276		
D-662	1N645		

NOTES

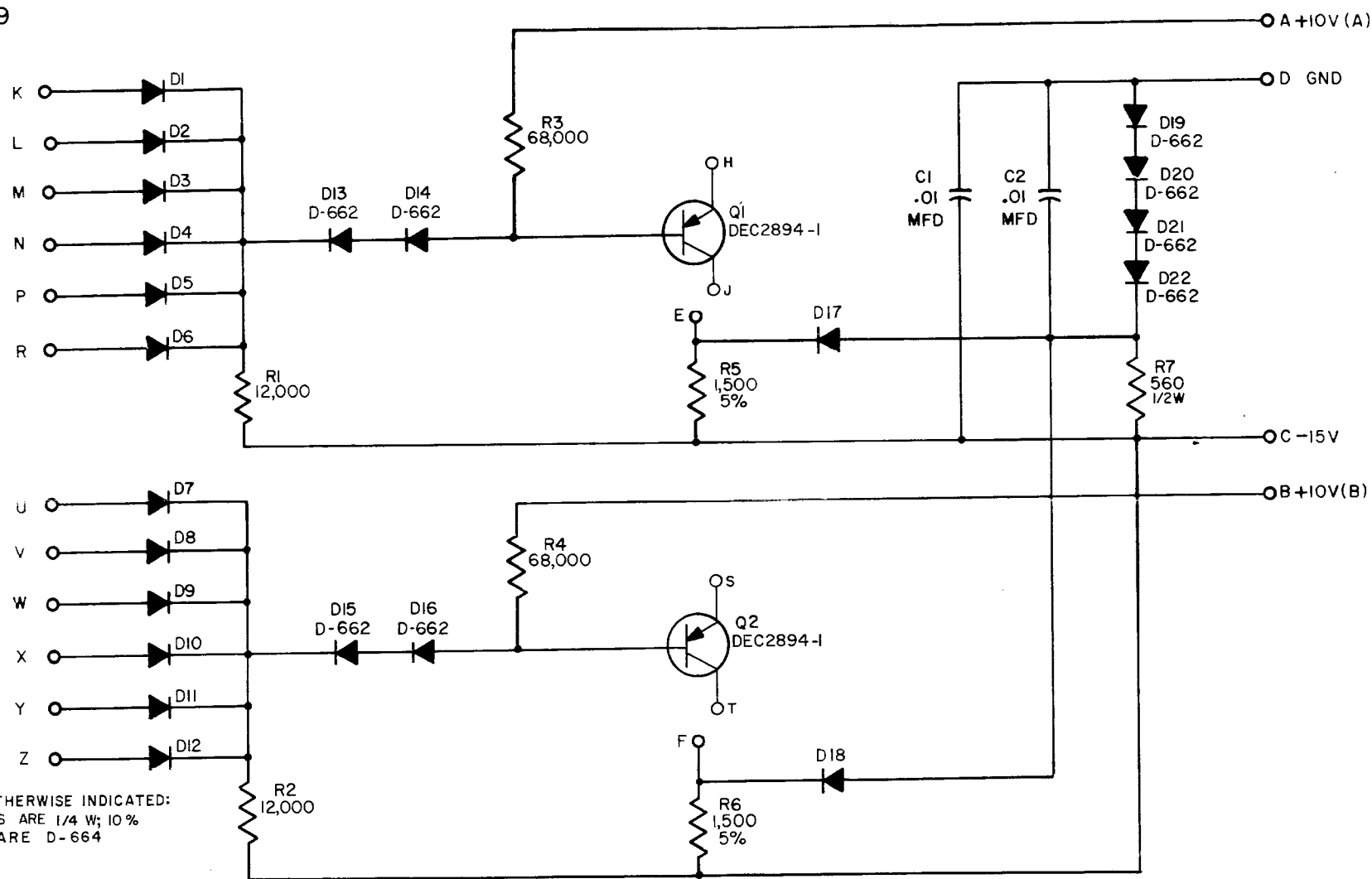
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
C,D,E,F,G										RS-1110										10						
DIODE 1110																										

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-III-9



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC2894-I	DEC2894		
D-664	IN3606		
D-662	IN645		

NOTES

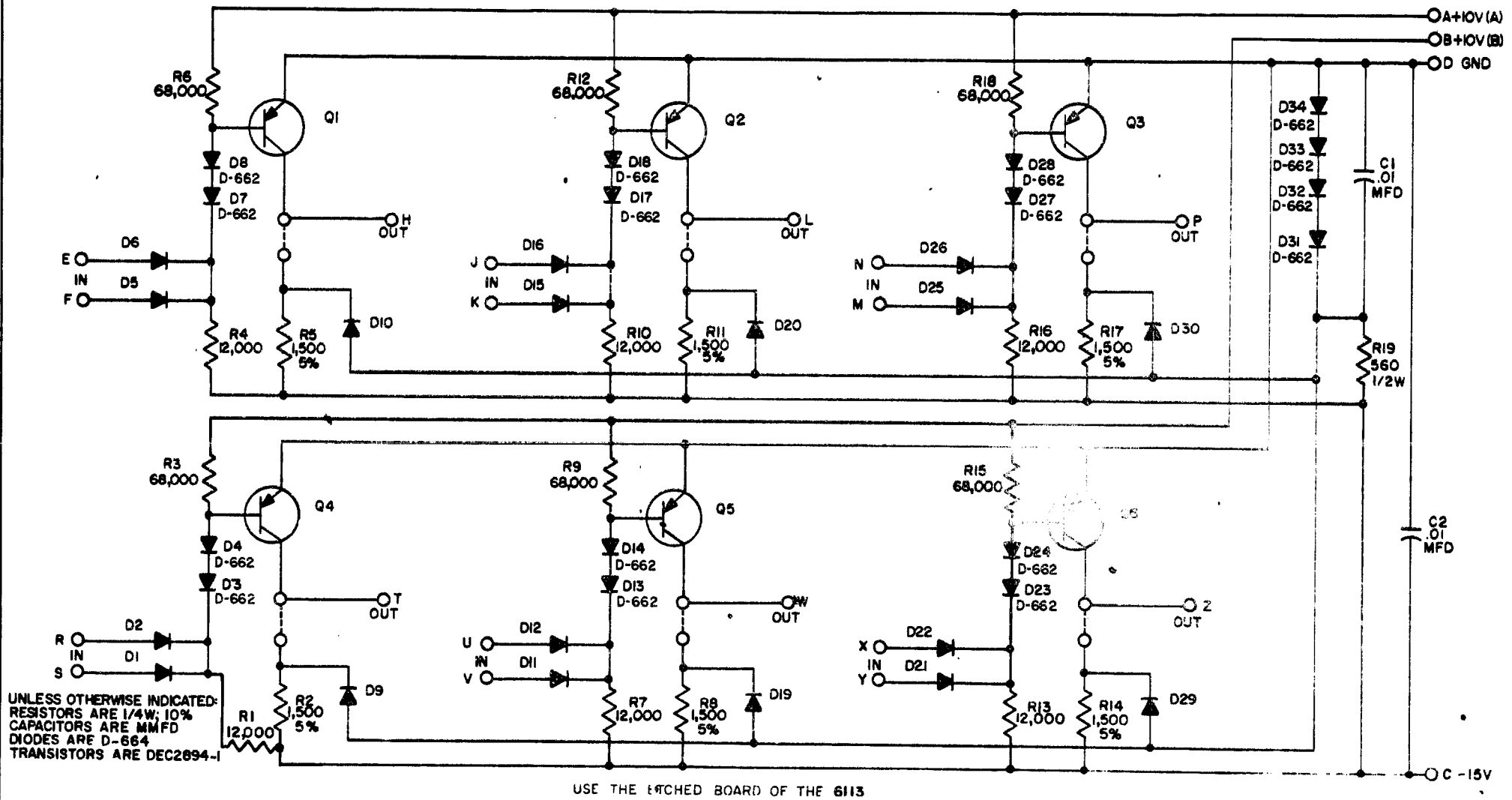
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
H									RS-B-III												9				
DIODE UNIT III																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1113-6



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC2694-1	DEC2694-1		
D-664	D-664		
R-998	R-998		

NOTES

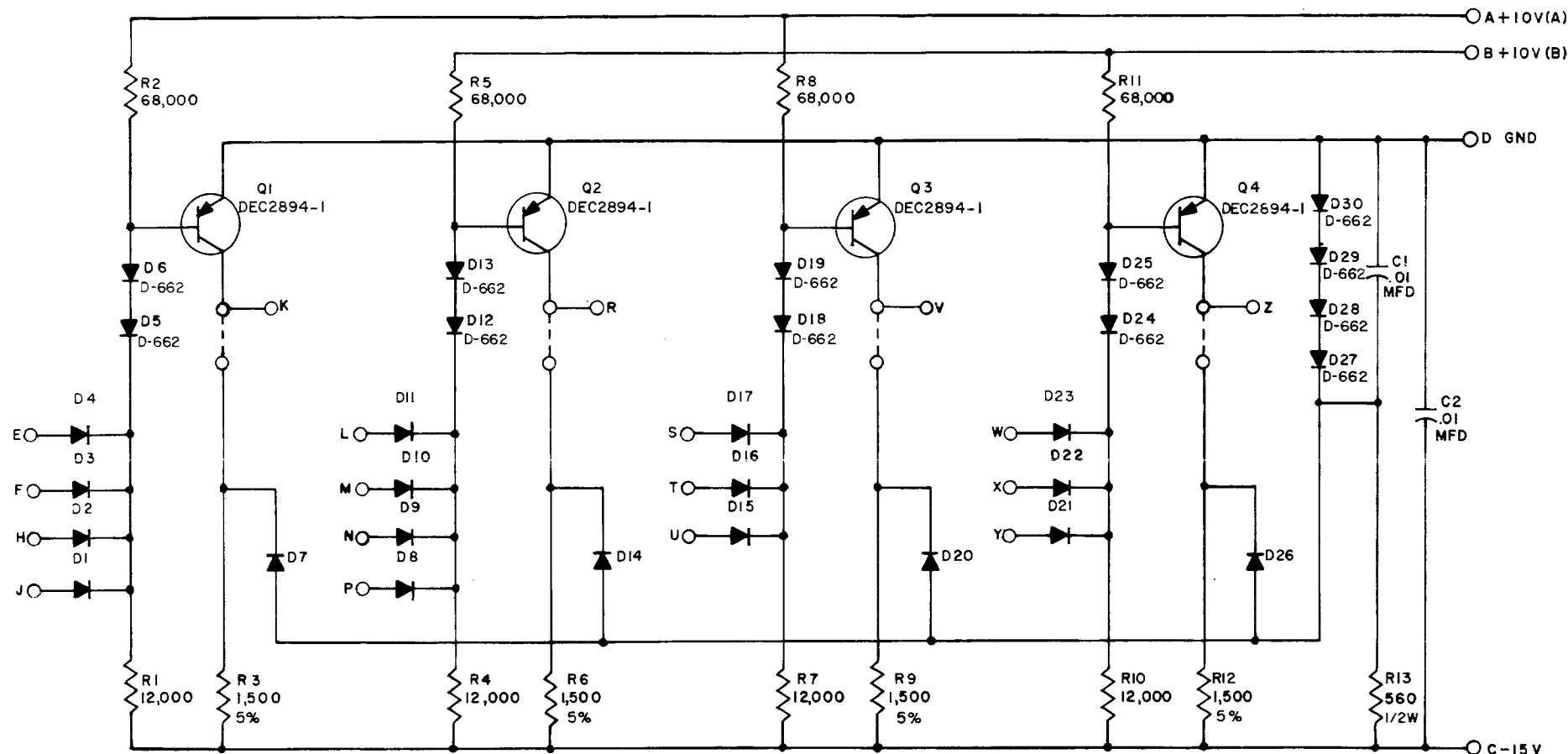
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
6										RS-B-1113										6					
DIODE 1113																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASS. 01948

RS-B-III5-7



UNITED OTHERWISE INDICATED:
RESISTORS ARE 1/4 W; 10 %
DIODES ARE D-664

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC2894-I	DEC2894		
D-664	IN3606		
D-662	IN645		

NOTES

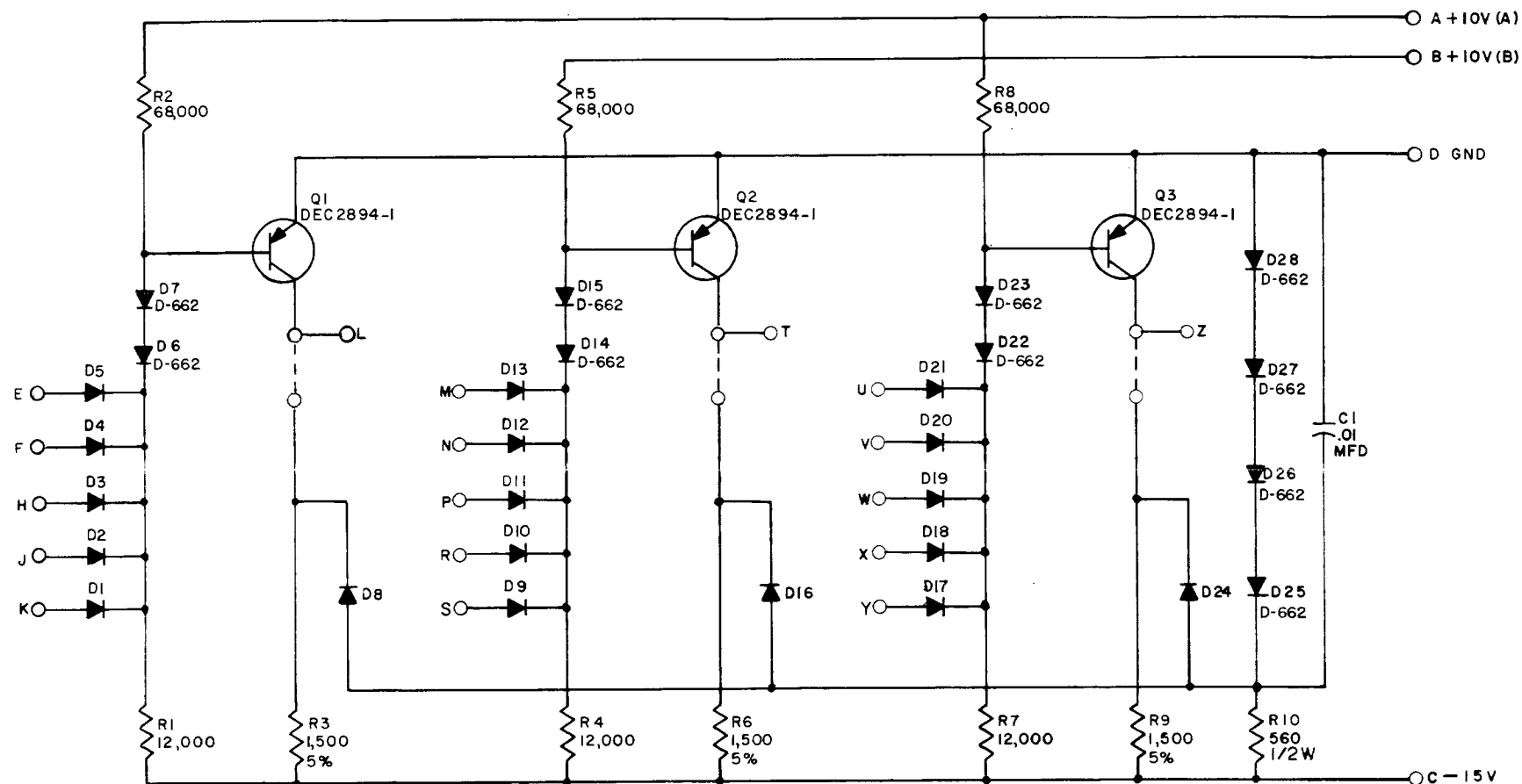
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
D												RS-B-III5												7	
DIODE III5																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1117-7



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W; 10%
DIODES ARE D-664

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC2894-I	DEC2894		
D-664	IN3606		
D-662	IN645		

NOTES

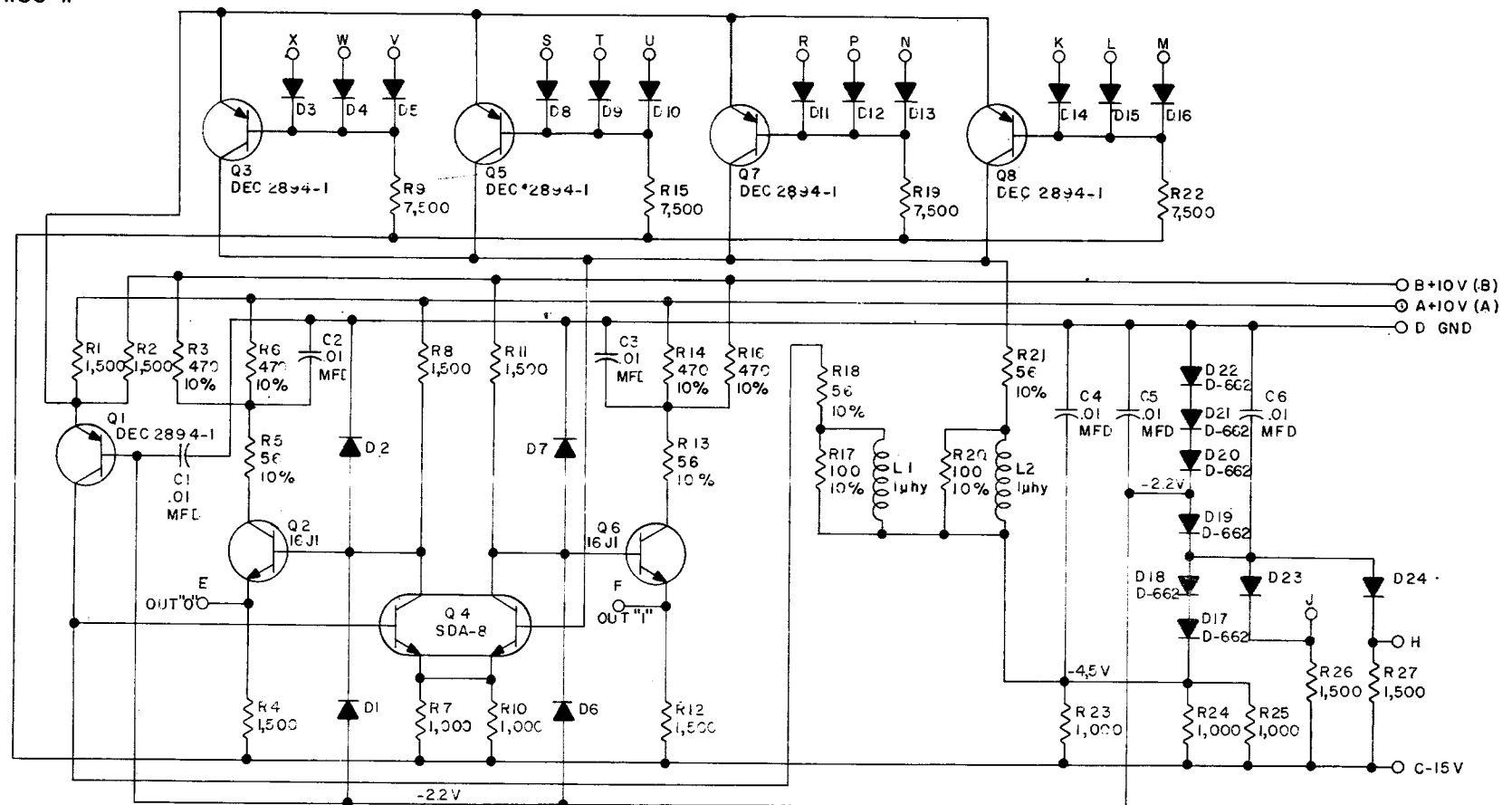
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
B													RS-B-1117										7		
DIODE 1117																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1130-II



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W, 5%
DIODES ARE D-664

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
SDA-8	NONE		
16J1	16J1		
D 662	IN 645		
D 664	IN 3606		
DEC 2894-I	DEC 2894		

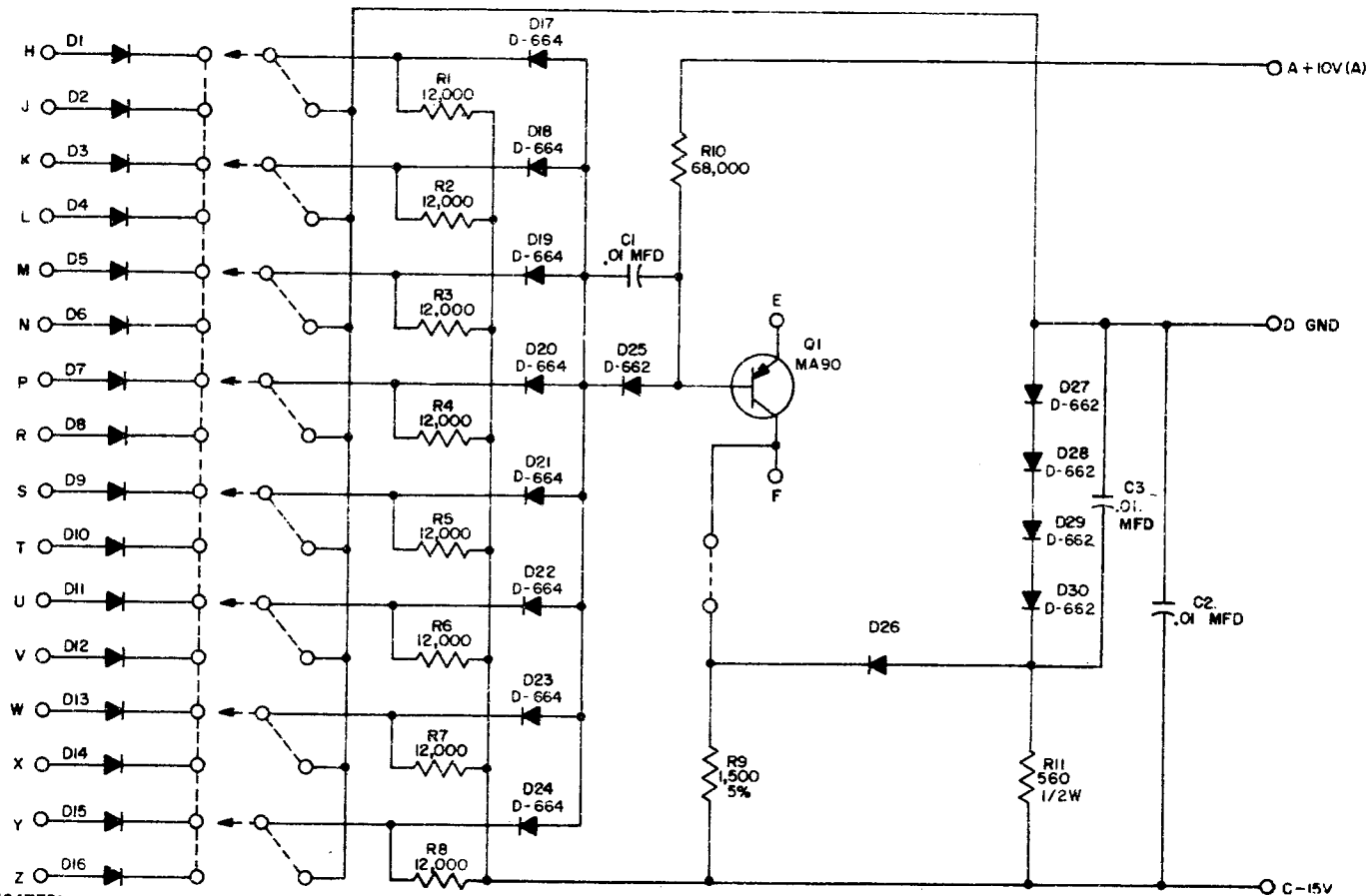
NOTES

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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
E													RS-B-1130										II		
3 BIT PARITY CIRCUIT 1130																									

RS-1141-3



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W; 10%
DIODES ARE D-001

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D-001	1N276		
D-662	1N646		
D-664	1N914		
MA90	2N2451		

NOTES

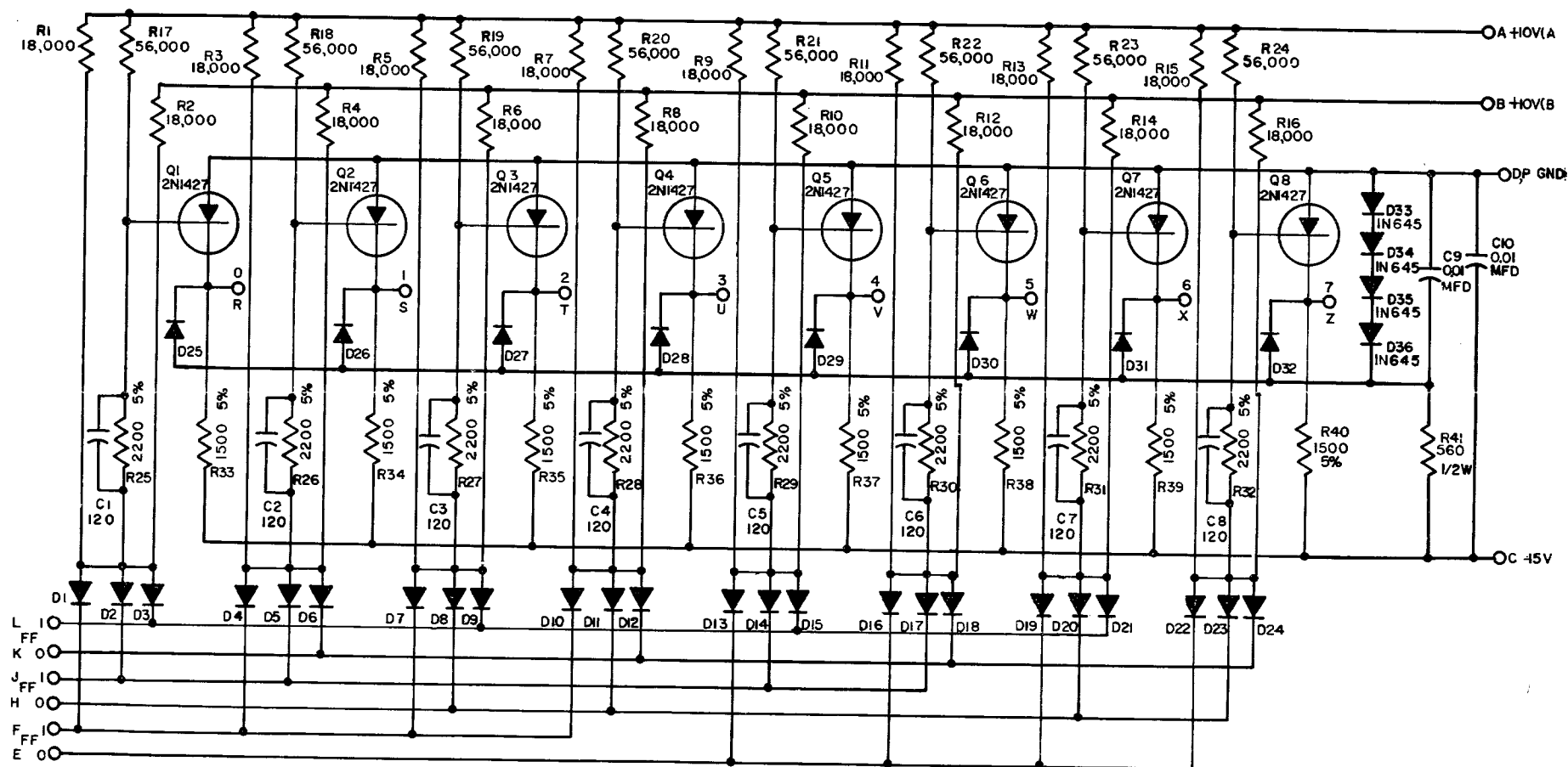
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z											
C		RS-1141					3				
DIODE UNIT 1141											

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-1150-5



UNLESS OTHERWISE INDICATED
RESISTORS ARE 1/4 W 10%
CAPACITORS ARE MMFD.
DIODES ARE 1N276

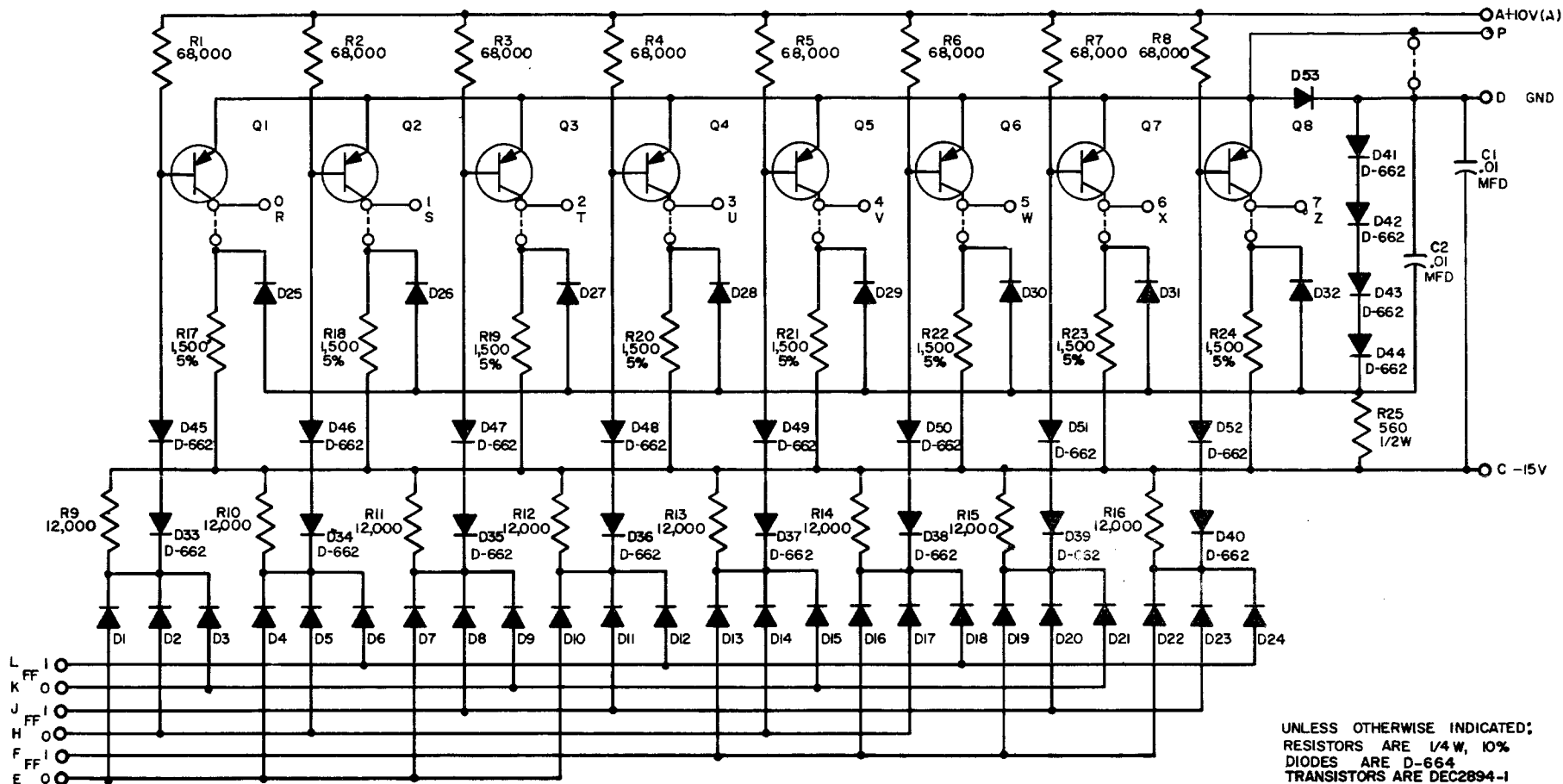
BINARY TO OCTAL DECODER 1150(A,B,C,D) RS-1150-5

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DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1151-10



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC2894-1	DEC2894-1		
D-664	IN3008		
D-662	IN640		

NOTES

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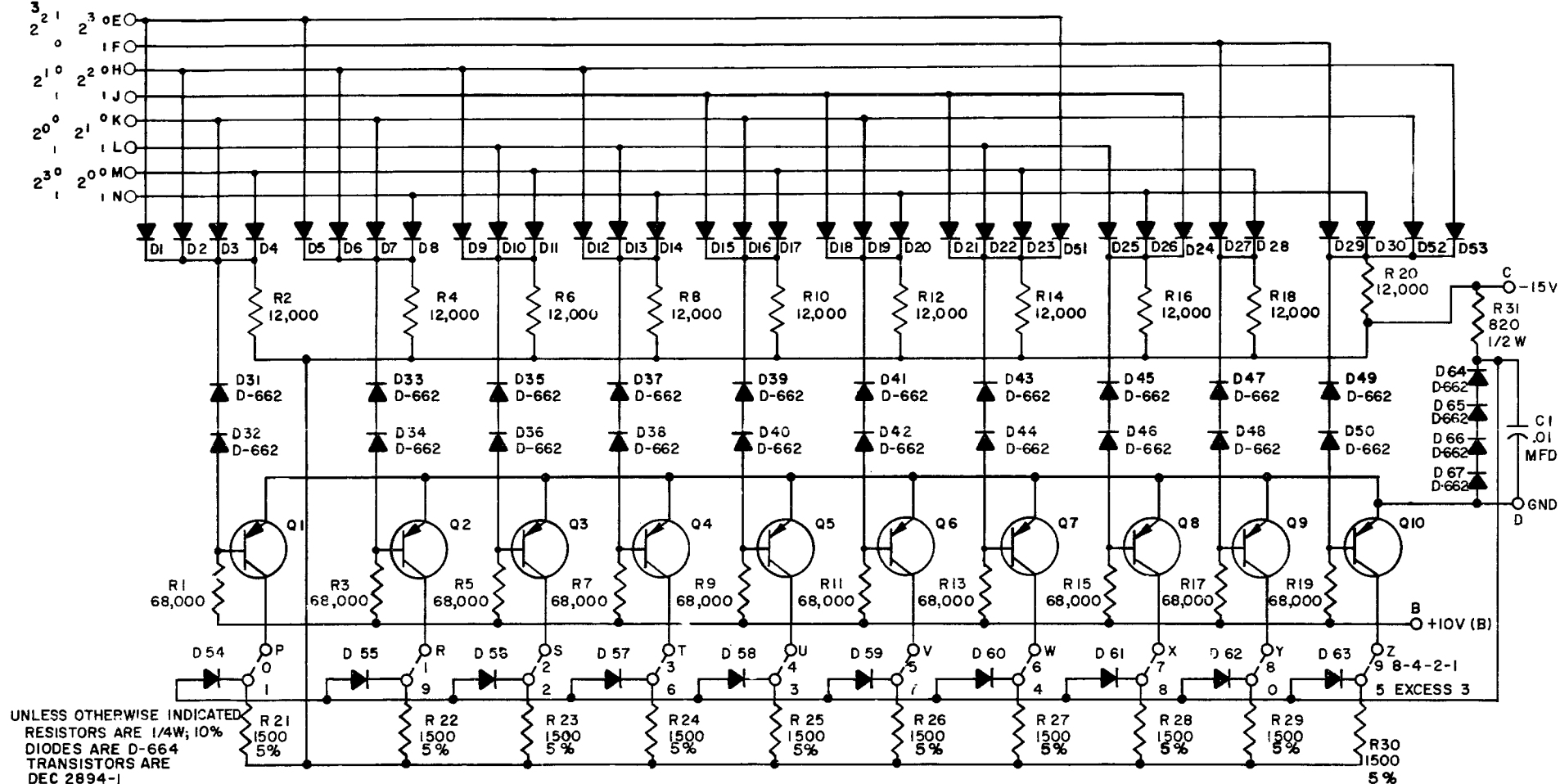
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16															
< A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [\] ^ _ ` { } ~ >															
L		RS-B-1151										10			
BINARY TO OCTAL DECODER 1151															

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1161-6

EXCESS 8-4-2-1



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-1	DEC 2894		
D-664	IN905		
D-662	IN945		

NOTES

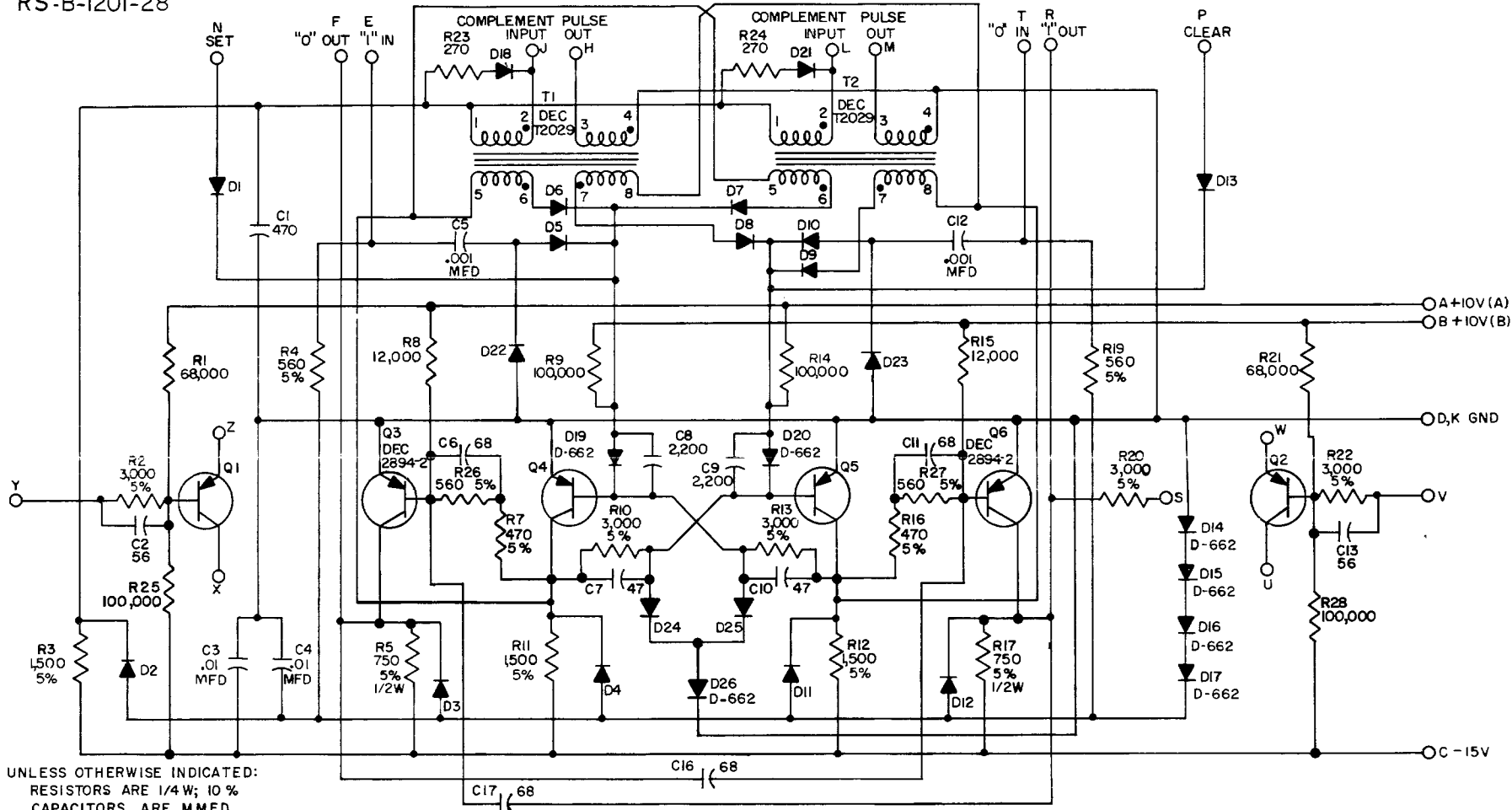
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	R	S	T	U	V	W	X	Y	Z
E				RS-B-1161																6			
BCD DECODER 1161																							

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1201-28



TRANSISTOR & DIODE CONVERSION CHART			
DEC	ETA	DEC	ETA
DEC 2894-1	DEC 2894		
DEC 2894-2	DEC 2894		
D-662	IN646		
D-664	IN3606		

NOTES

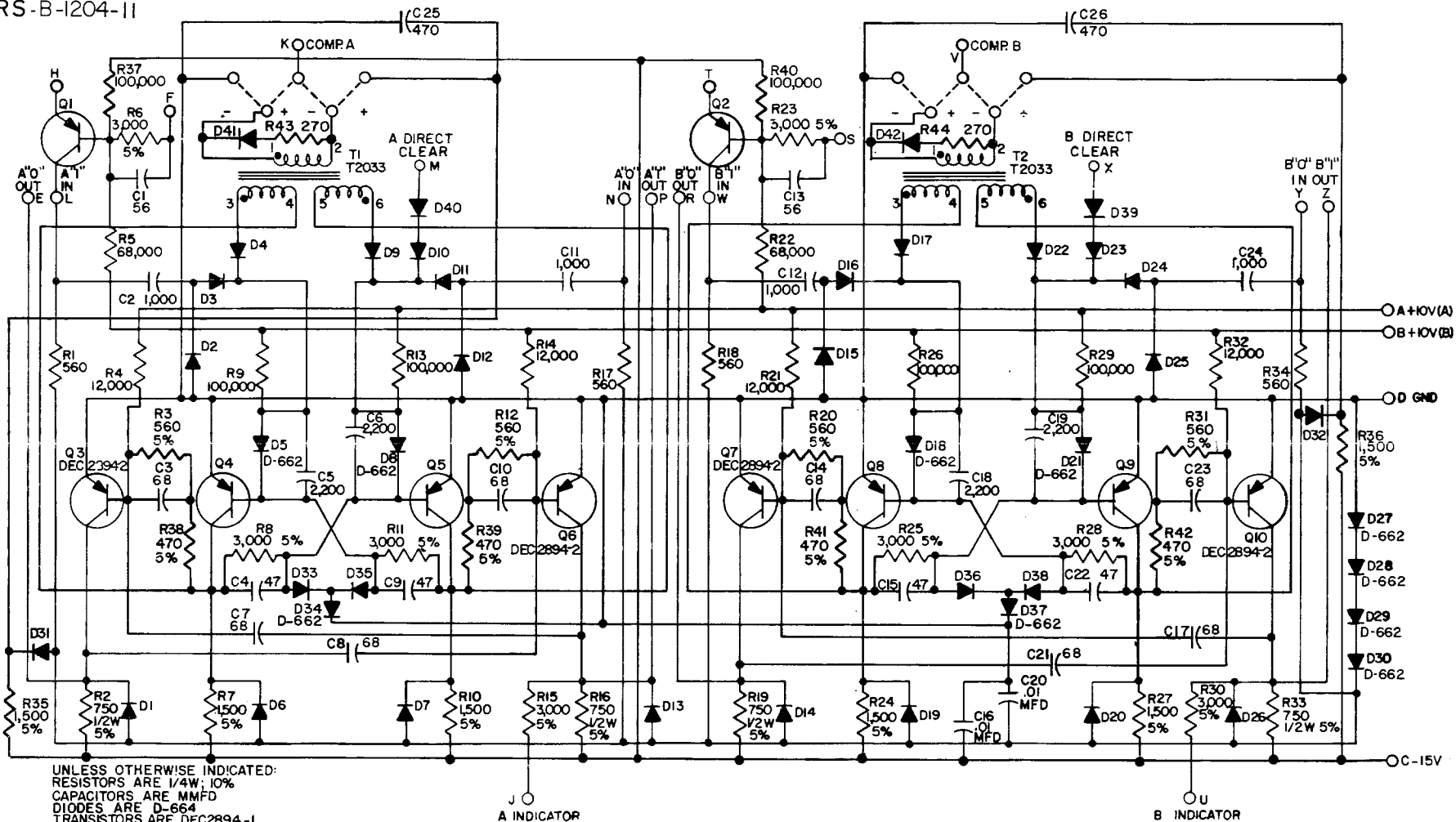
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	R	S	T	U	V	W	X	Y	Z
S				RS B-1201														28					
FLIP-FLOP 1201																							

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1204-11



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC2894-1	DEC2894		
DEC2894-2	DEC2894		
D-662	IN645		
D-664	IN3606		

NOTES

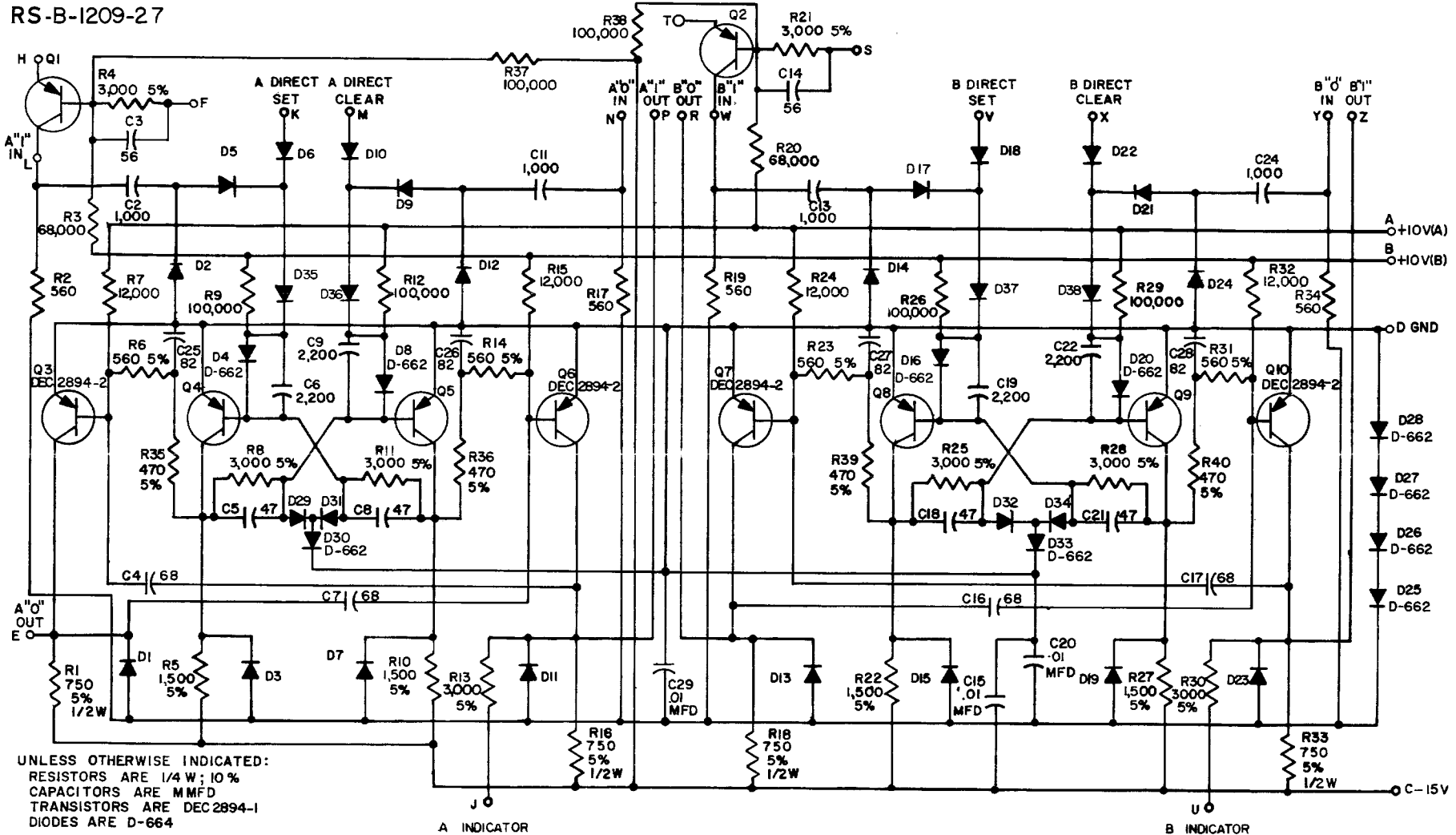
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
F													RS-B-1204										11		
DUAL FLIP - FLOP 1204																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1209-27



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC2894-1	DEC2894		
DEC2894-2	DEC2894		
D-662	1N918		
D-664	1N3406		

NOTES

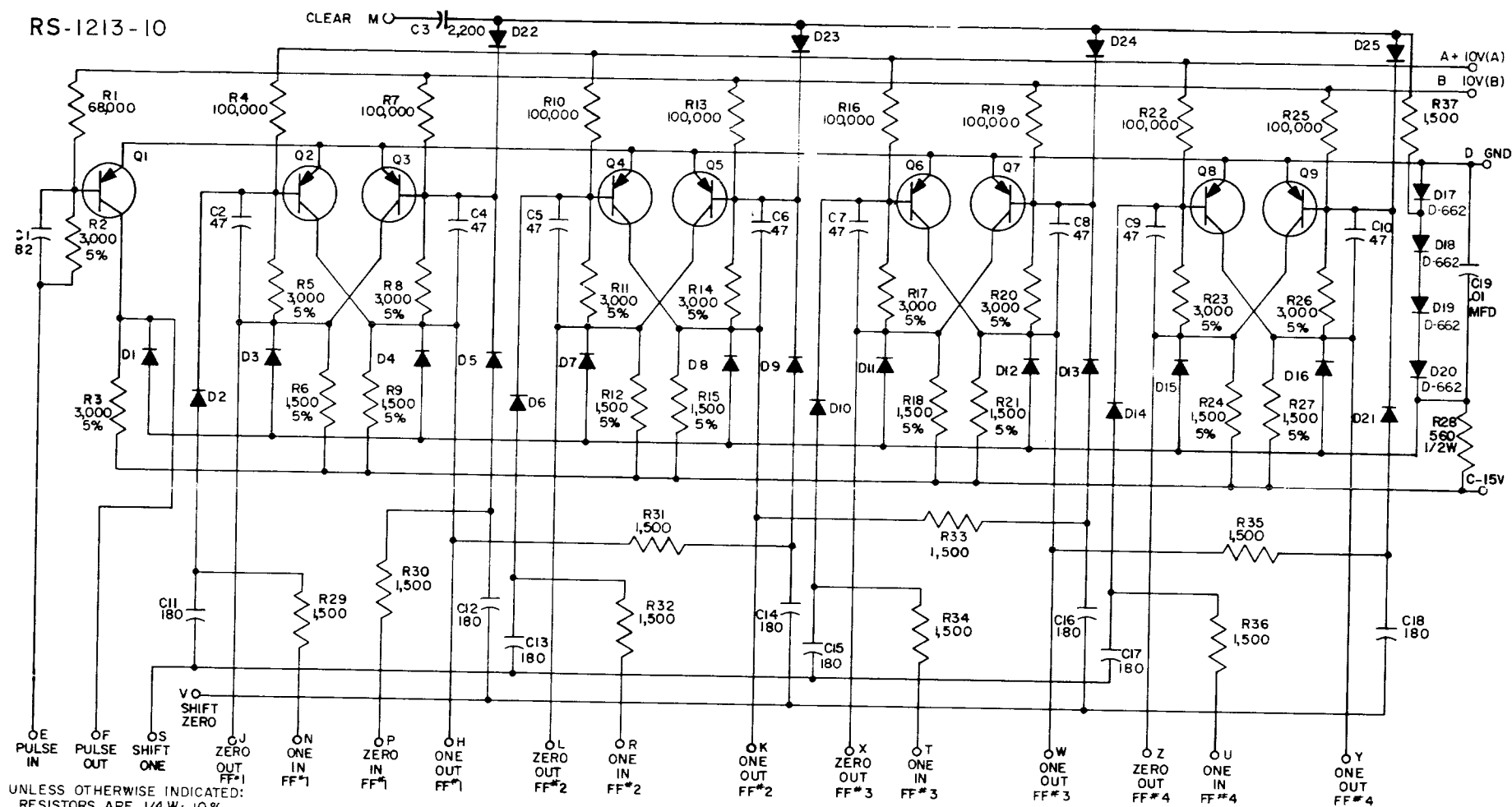
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
L						RS-B-1209															27				
DUAL FLIP-FLOP 1209																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-1213-10



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
MD94	2N2488		
D-001	1N276		
D-662	1N645		

NOTES

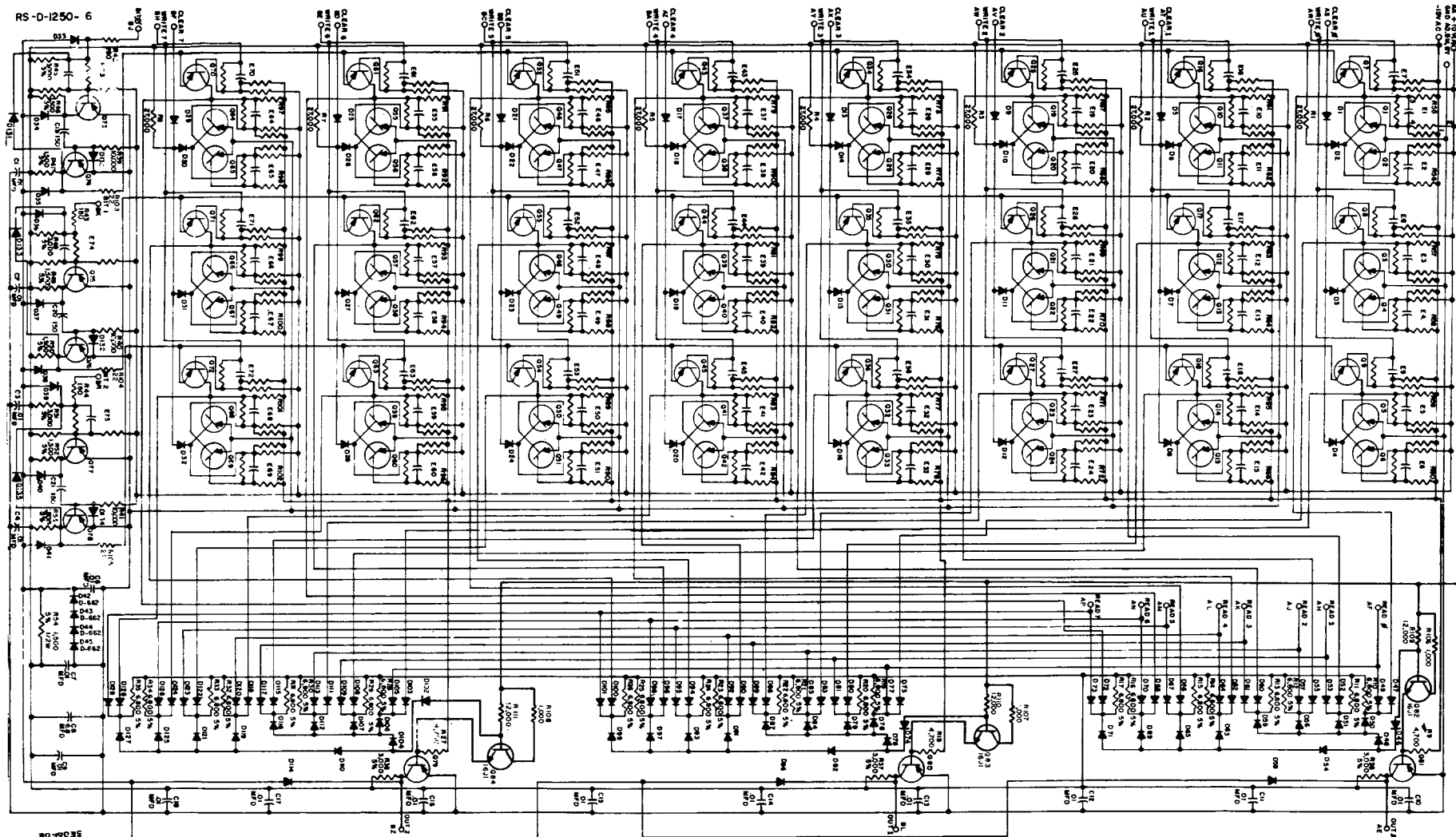
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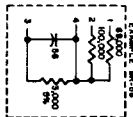
K B U O W L X Z A R V S T U V X Y N															
D,E,F,H				RS-1213								10			
QUADRUPLE FLIP-FLOP 1213															

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-D-1250 - 6



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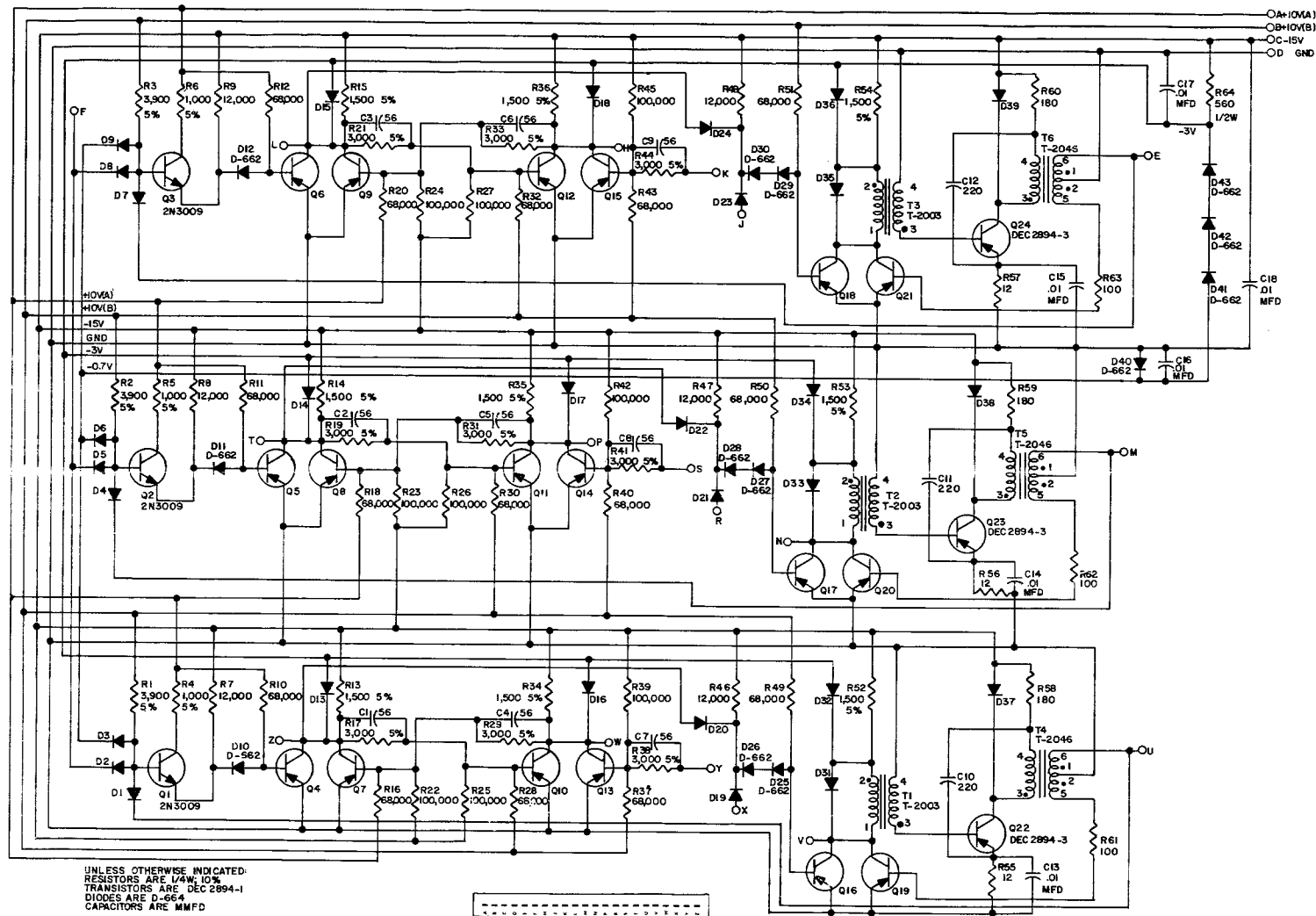
TRANSISTOR & DIODE CONVERSION CHART			
TRANSISTOR	DIODE	TRANSISTOR	DIODE
2N101	1N4001	2N102	1N4001
2N103	1N4001	2N104	1N4001
2N105	1N4001	2N106	1N4001
2N107	1N4001	2N108	1N4001
2N109	1N4001	2N110	1N4001
2N111	1N4001	2N112	1N4001
2N113	1N4001	2N114	1N4001
2N115	1N4001	2N116	1N4001
2N117	1N4001	2N118	1N4001
2N119	1N4001	2N120	1N4001
2N121	1N4001	2N122	1N4001
2N123	1N4001	2N124	1N4001
2N125	1N4001	2N126	1N4001
2N127	1N4001	2N128	1N4001
2N129	1N4001	2N130	1N4001
2N131	1N4001	2N132	1N4001
2N133	1N4001	2N134	1N4001
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2N137	1N4001	2N138	1N4001
2N139	1N4001	2N140	1N4001
2N141	1N4001	2N142	1N4001
2N143	1N4001	2N144	1N4001
2N145	1N4001	2N146	1N4001
2N147	1N4001	2N148	1N4001
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2N153	1N4001	2N154	1N4001
2N155	1N4001	2N156	1N4001
2N157	1N4001	2N158	1N4001
2N159	1N4001	2N160	1N4001
2N161	1N4001	2N162	1N4001
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2N183	1N4001	2N184	1N4001
2N185	1N4001	2N186	1N4001
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2N189	1N4001	2N190	1N4001
2N191	1N4001	2N192	1N4001
2N193	1N4001	2N194	1N4001
2N195	1N4001	2N196	1N4001
2N197	1N4001	2N198	1N4001
2N199	1N4001	2N200	1N4001

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REVISIONS			
NO.	DATE	DESCRIPTION	BY
1	10-1-60	INITIAL DESIGN	J. W. B.
2	10-1-60	REVISION	J. W. B.
3	10-1-60	REVISION	J. W. B.
4	10-1-60	REVISION	J. W. B.
5	10-1-60	REVISION	J. W. B.
6	10-1-60	REVISION	J. W. B.

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-C-1260-4



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 10%
TRANSISTORS ARE DEC 2894-1
DIODES ARE D-664
CAPACITORS ARE MMFD

TRANSISTOR & DIODE CONVERSION CHART			
DEC	ATA	DEC	ATA
2N3009	2N3009		
DEC 2894-1	DEC 2894-1		
DEC 2894-3	DEC 2894-3		
D-662	1N648		
D-664	1N5606		

NOTES

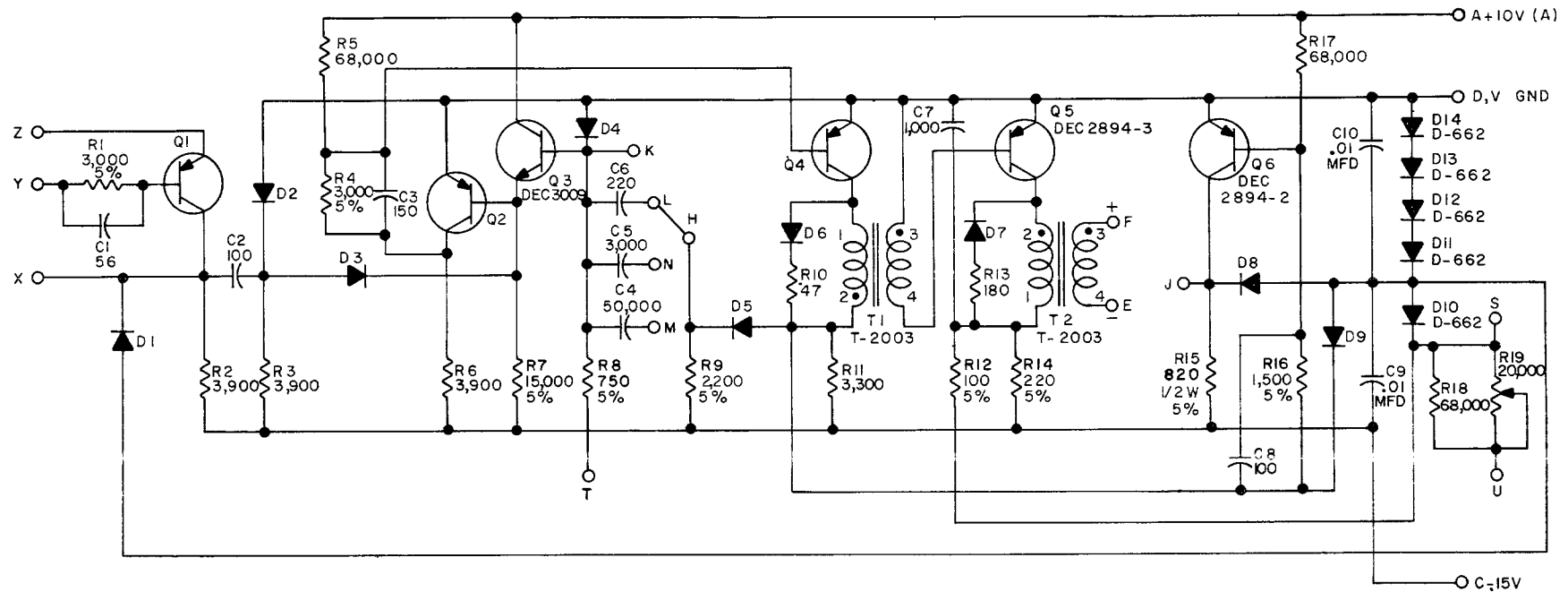
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TEST AND MAINTENANCE PURPOSES. THE
CIRCUITS ARE PROPRIETARY IN NATURE AND
SHOULD BE TREATED ACCORDINGLY.

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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
H					RS-C-1260															4					
SUBROUTINE CARD 1260																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1304-21



UNLESS OTHERWISE INDICATED:
TRANSISTORS ARE DEC 2894-1
CAPACITORS ARE MMFD
RESISTORS ARE 1/4 W, 10%
DIODES ARE D-664
R19 IS A BOURNS POT

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-1	2N2894	DEC 3009	2N3009
DEC 2894-2	2N2894		
DEC 2894-3	2N2894		
D-662	1N646		
D-664	1N3606		

NOTES

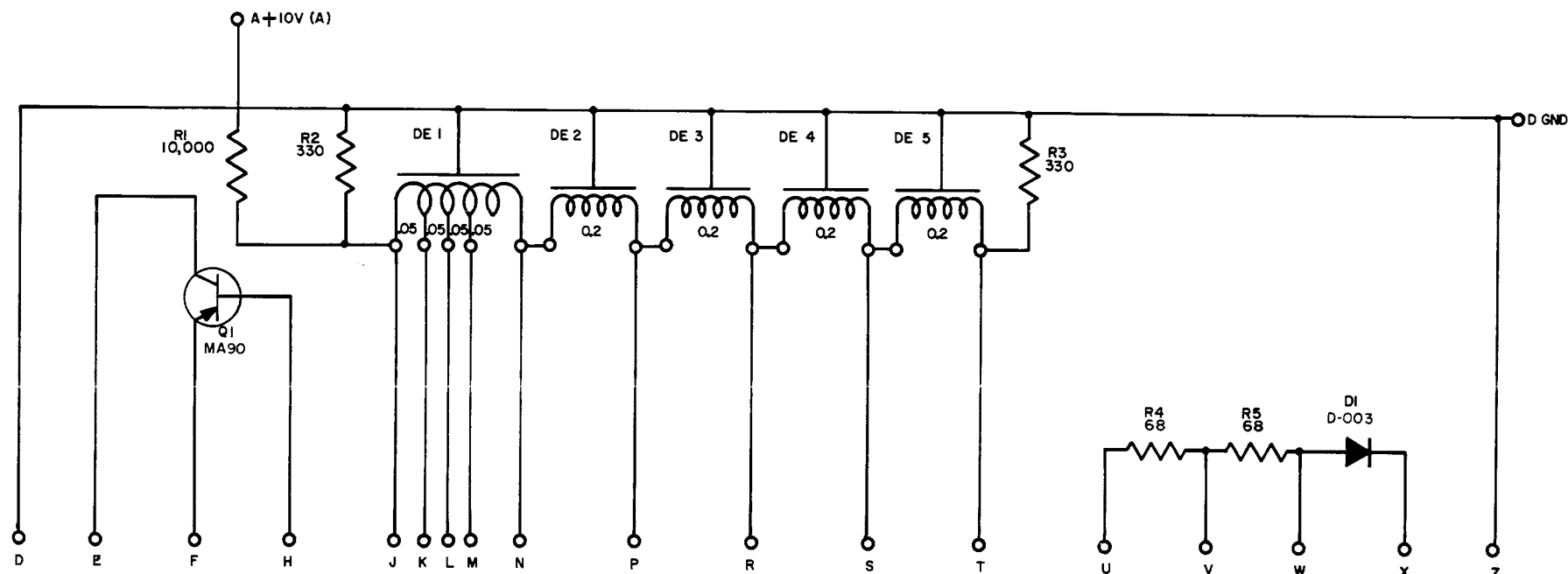
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
H		RS-B-1304																		21					
DELAY 1304																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-1310-6



UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 1/2W; 10%
 DE1= TECHNITROL 0.2 μ sec DELAY LINE 330 OHMS
 TAPPED AT 0.05 μ sec. INTERVAL
 DE2= DE5 TECHNITROL 0.2 μ sec. DELAY LINE

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
MA90	2N2451		
D-003	1N994		

NOTES

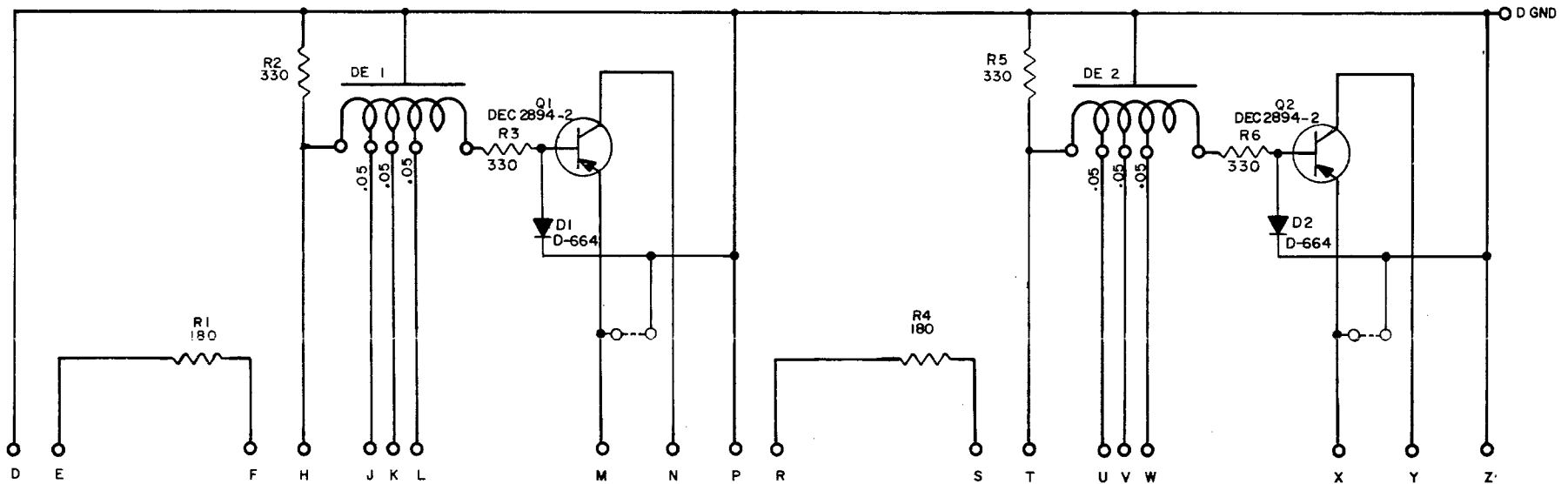
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
A,B,C,D,E,F													RS - 1310										6		
DELAY LINE 1310																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1311-6



UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 1/4W; -10%
 DE 1 & DE 2 ARE TECHNITROL DELAY LINE
 0.2 μ sec 330 OHMS TAPPED AT 0.05 μ sec

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-2	DEC 2894		
D-664	IN3606		

NOTES

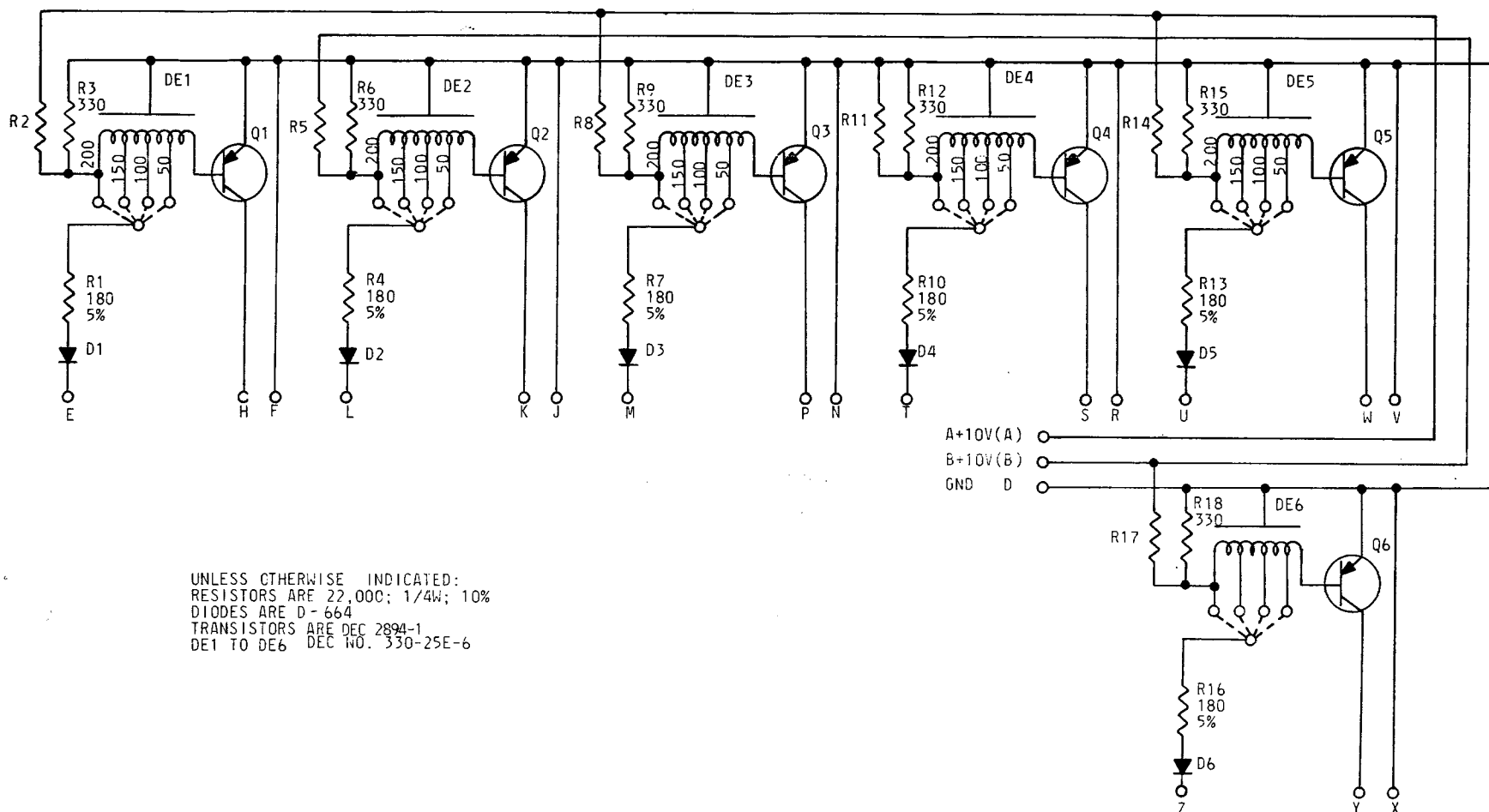
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
J										RS-B-1311										6					
DELAY LINE 1311																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1316-1



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D-664	IN914		
DEC 2894-1	DEC 2894		

NOTES

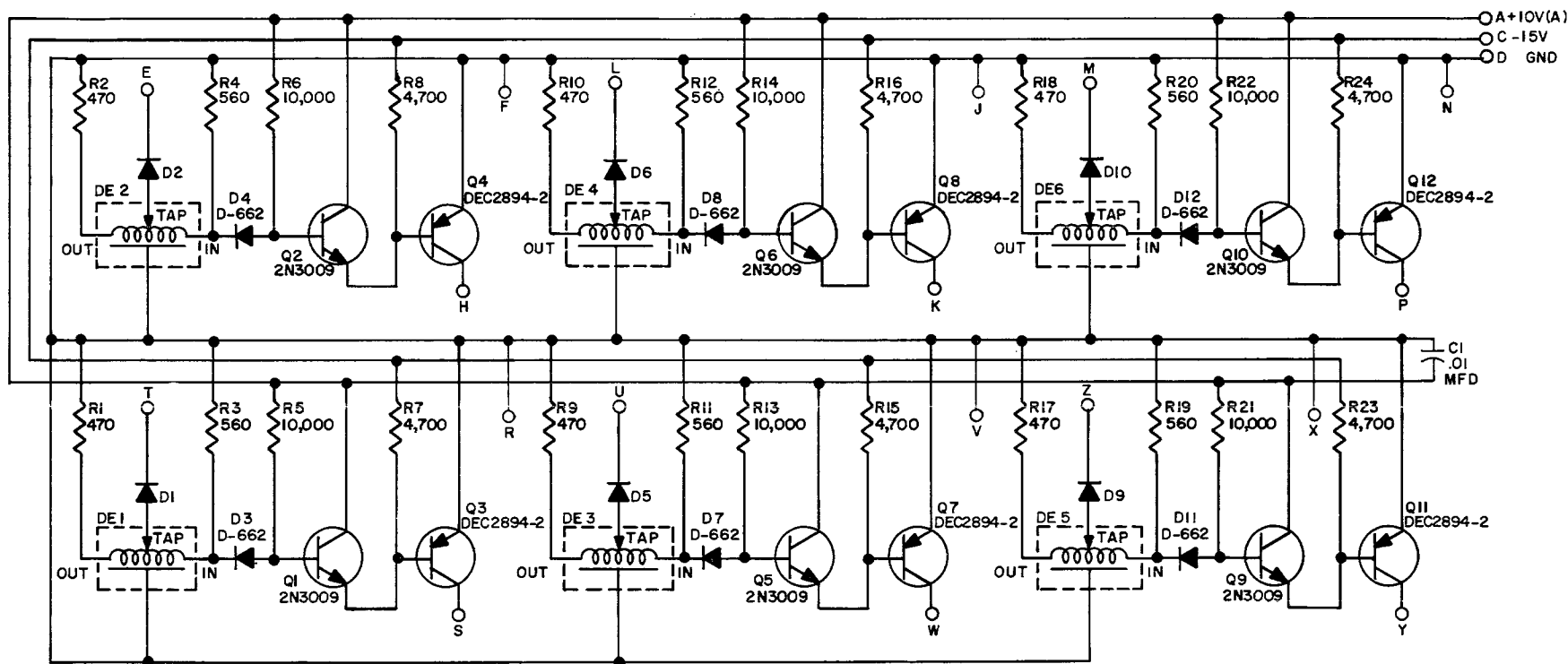
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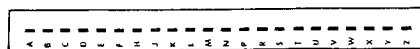
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
A				RS-B-1316																		I			
DELAY LINE 1316																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1317-2



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 10%
DIODES ARE D-664
DE 1 - DE 6 ARE ESC TYPE (806-70)
73-63 ADJUSTABLE DELAY LINES



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC2894-2	DEC2894		
2N3009	2N3009		
D-662	IN645		
D-664	IN3606		

NOTES

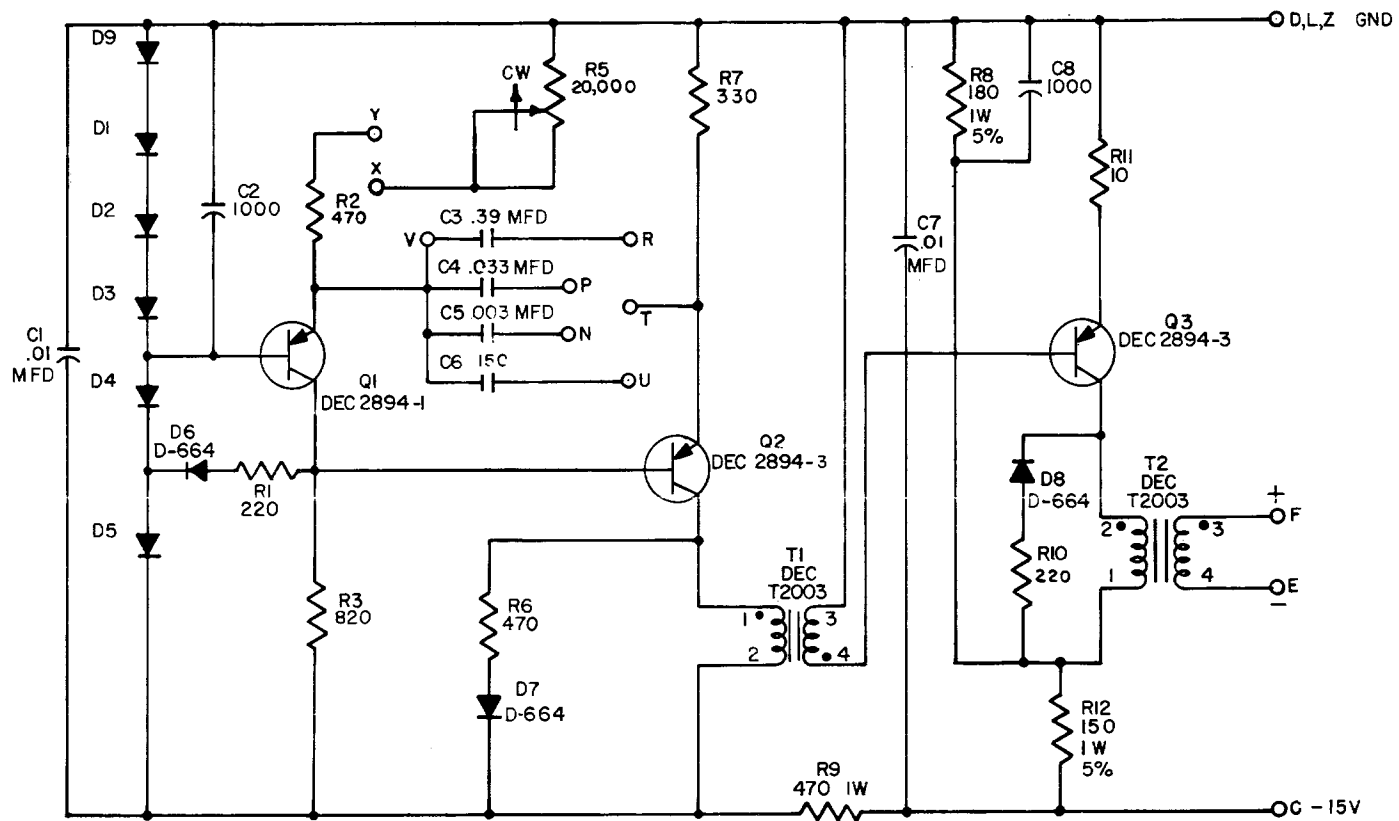
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z		
B										RS-B-1317										2							
SIX DELAY LINES 1317																											

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1404-14



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 10%
CAPACITORS ARE MMFD
DIODES ARE D-662

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-1	DEC 2894		
DEC 2894-3	DEC 2894		
D-662	1N914		
D-944	1N914		

NOTES

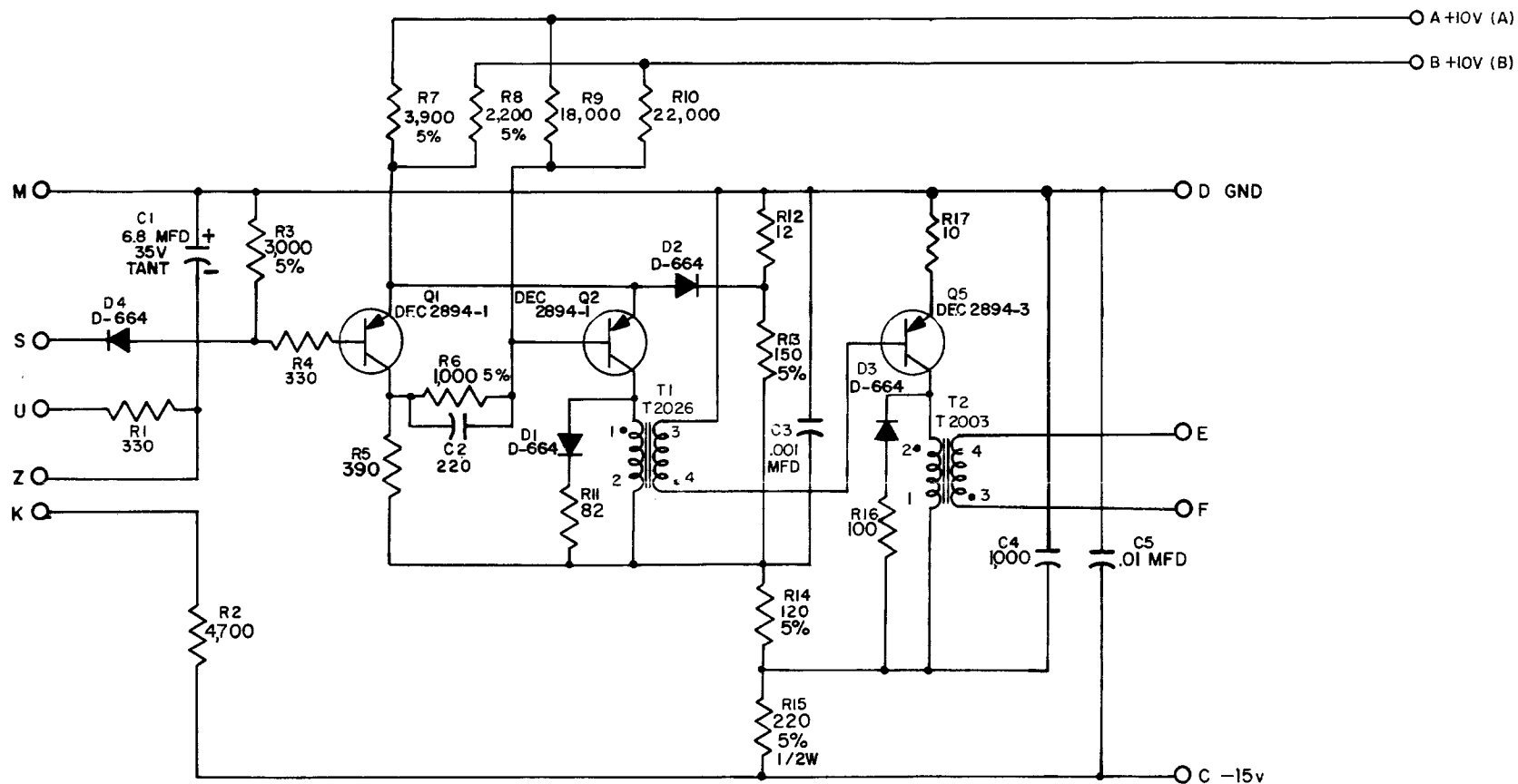
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32											
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z											
H RS-B-1404 14											
CLOCK 1404											

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1410-22



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 10%
CAPACITORS ARE MMFD

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-1	DEC 2894		
DEC 2894-3	DEC 2894		
D-664	1N3606		

NOTES

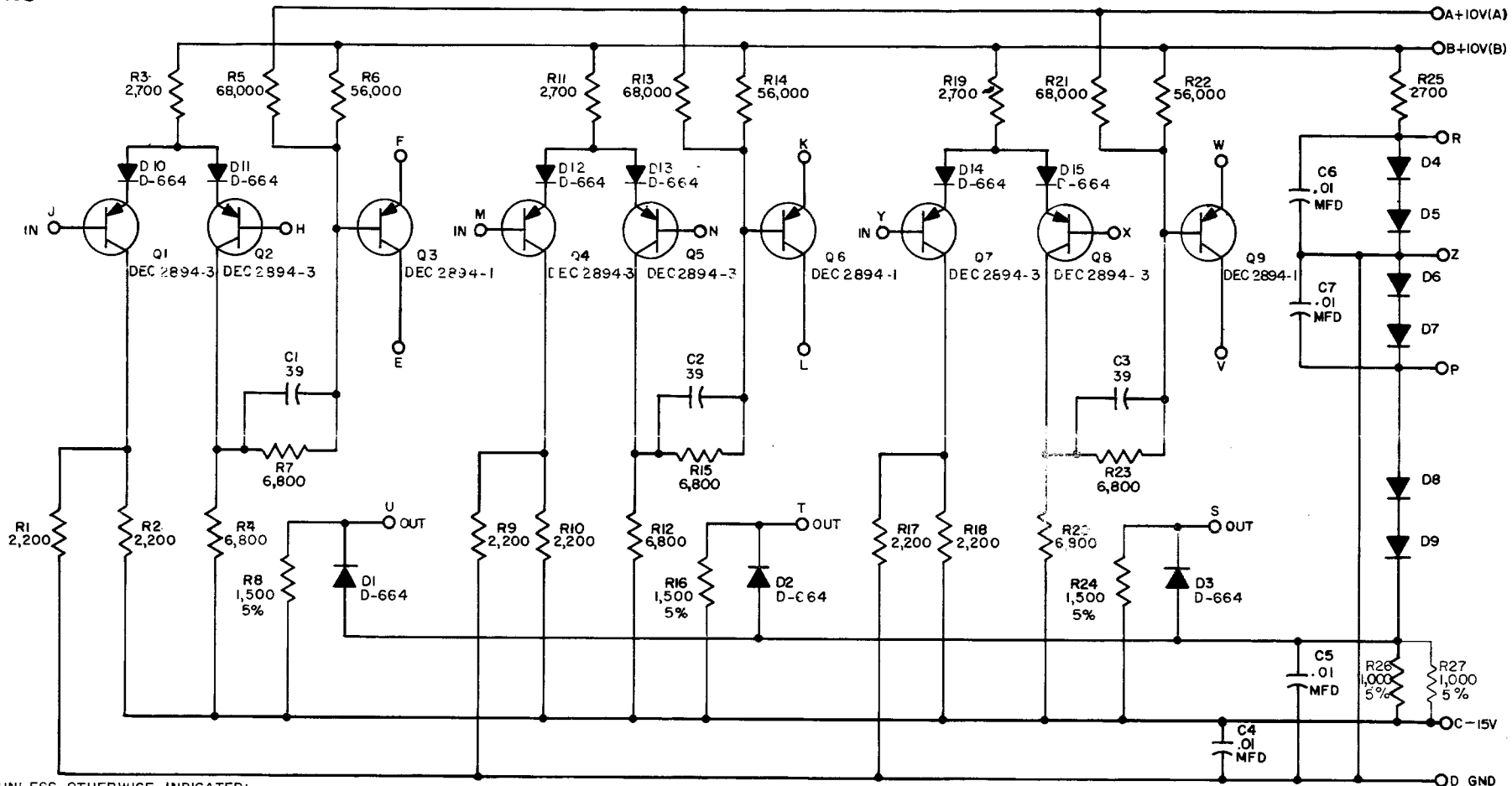
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
K													RS-B-1410										22		
PULSE GENERATOR 1410																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-1501-5



UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 1/4 W; 10%
 CAPACITORS ARE MMFD
 DIODES ARE D-662.

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-1	NONE		
DEC 2894-3	NONE		
D-664	IN3606		
D-662	IN648		

NOTES

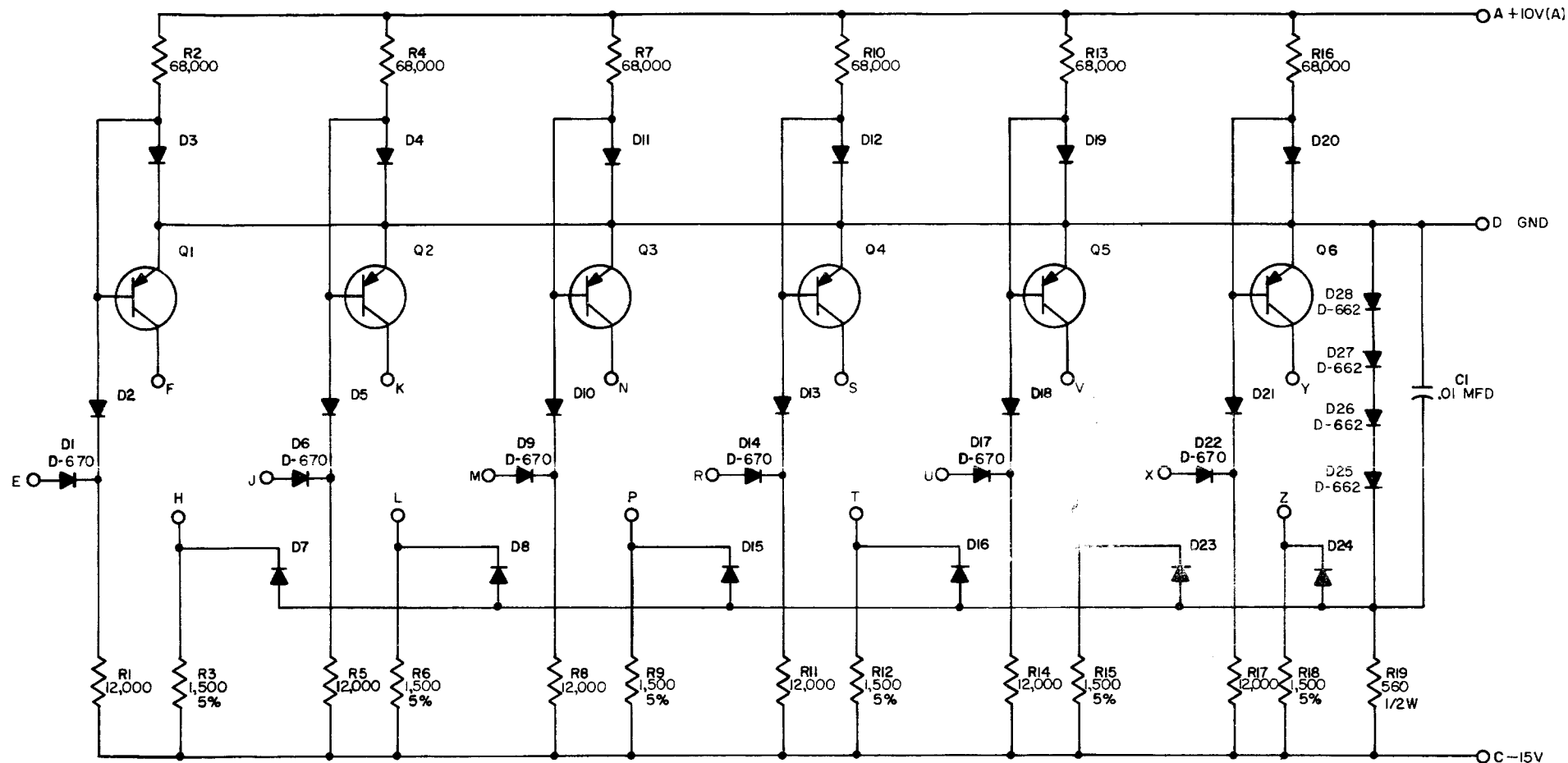
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C									
RS-1501									
5									
LEVEL STANDARDIZER 1501									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-1502-8



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W; 10%,
DIODES ARE D-664
TRANSISTORS ARE DEC2894-1

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-1	NONE		
D-664	IN3606		
D-670	IN3653		
D-662	IN645		

NOTES

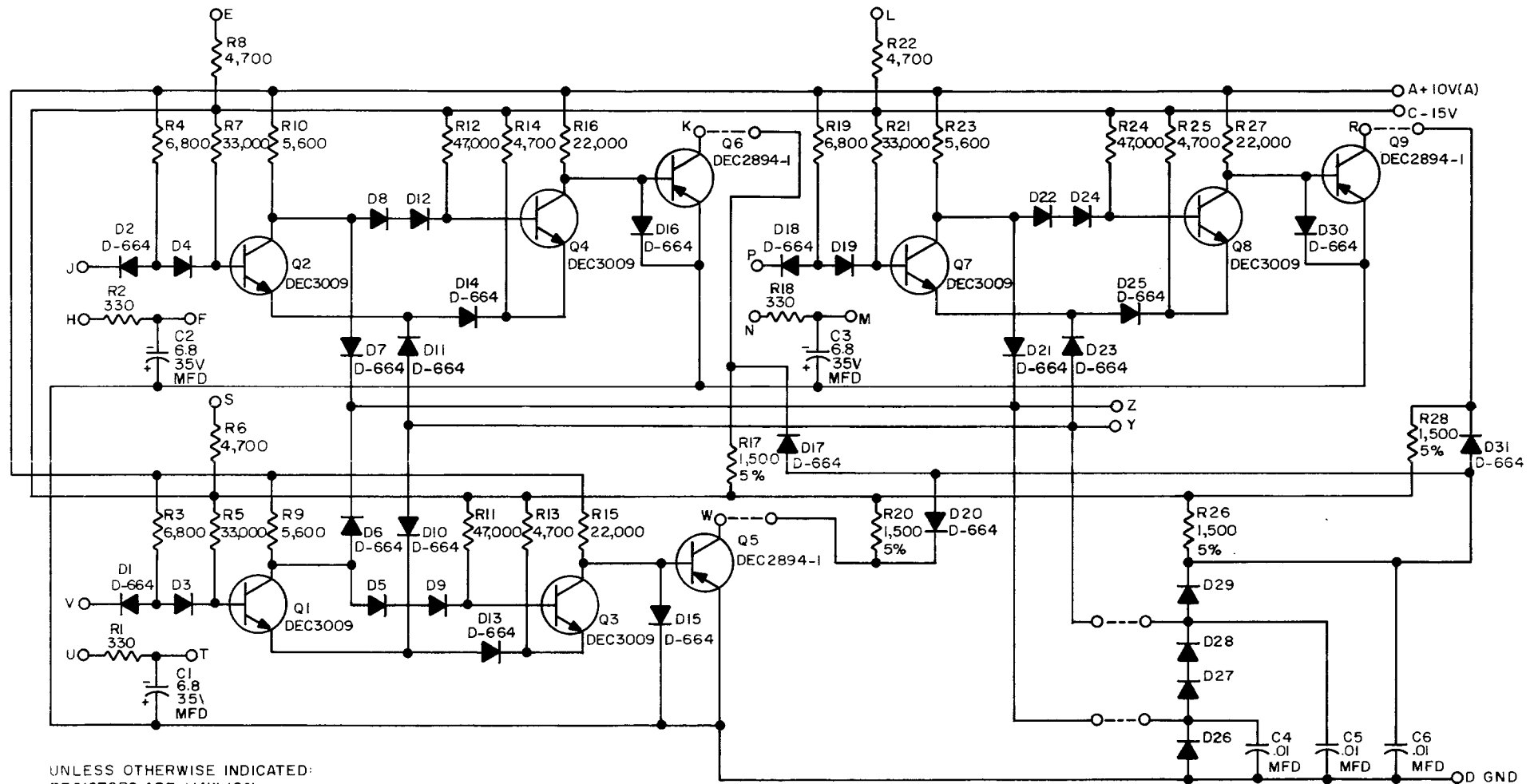
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
D										RS - 1502										8					
LEVEL STANDARDIZER 1502																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1503-2



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 10%
DIODES ARE D-662

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-I	DEC 2894		
DEC 3009	2N3009		
D-662	1N645		
D-664	1N3605		

NOTES

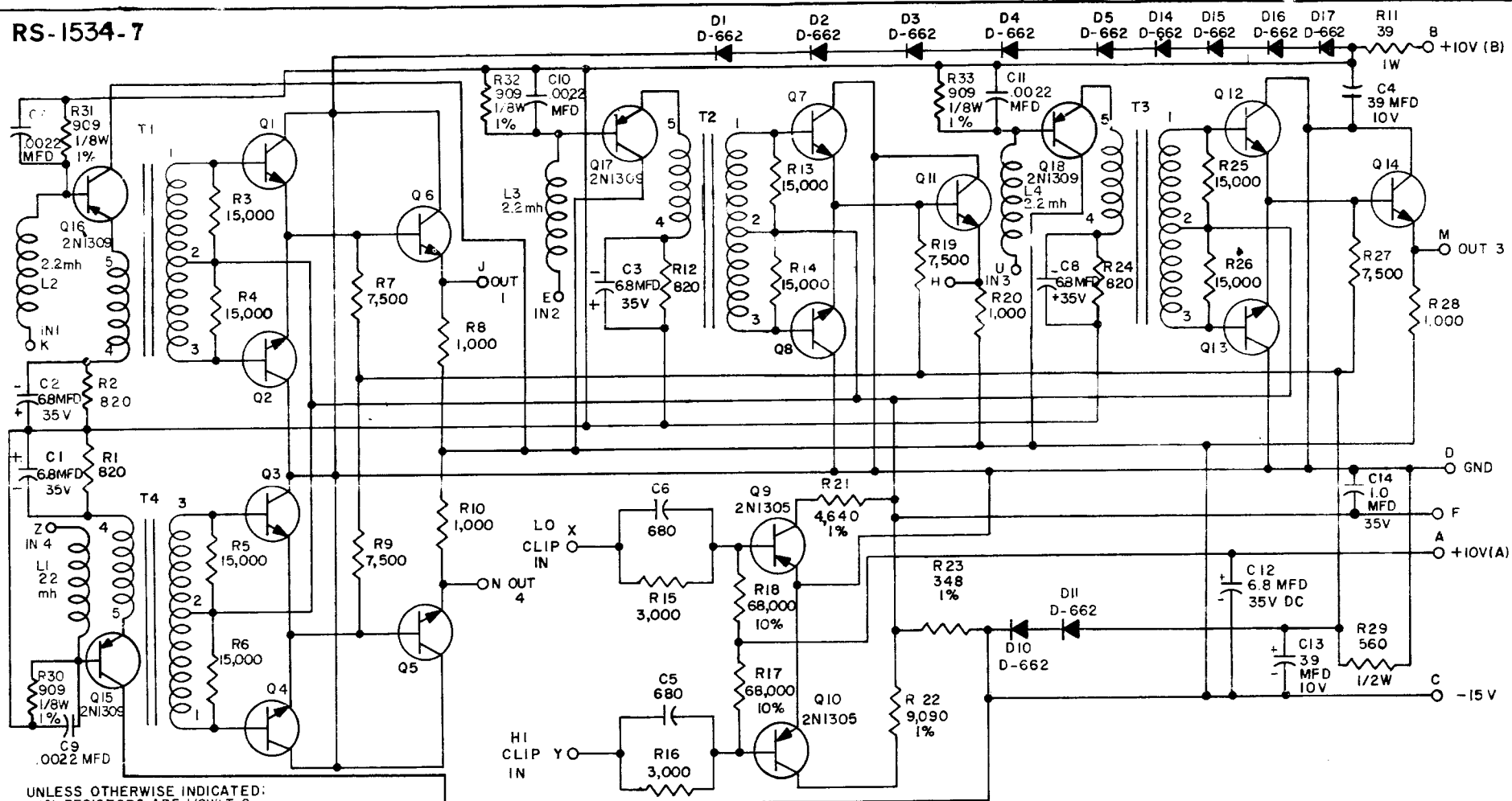
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	R	S	T	U	V	W	X	Y	Z
C										RS-B-1503										2			
SCHMITT TRIGGER 1503																							

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-1534-7



UNLESS OTHERWISE INDICATED:
 1% RESISTORS ARE 1/8W; T-O
 RESISTORS ARE 1/4 W; 5%
 CAPACITORS ARE MMFD
 T1, T2, T3 & T4 ARE TECHNITROL X5HW-5
 TRANSISTORS ARE 2N1308

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N1308	2N1308		
2N1309	2N1309		
D-662	1N648		
2N1309	2N1309		

NOTES

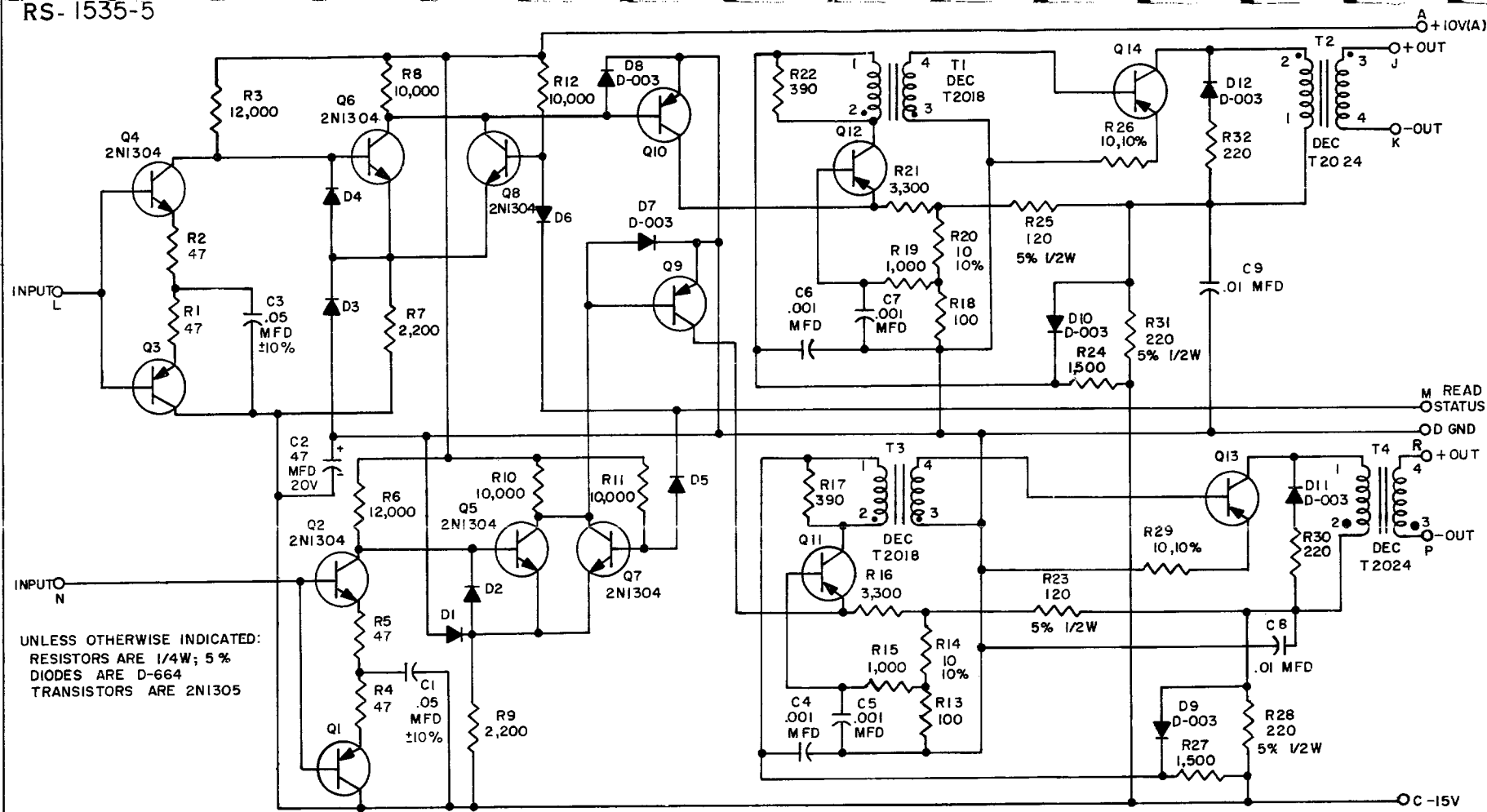
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K RS-1534 7		
VARIABLE SLICING RECTIFIER 1534		

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RS- 1535-5



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N1304	2N1304		
2N1305	2N1305		
D-003	1N994		
D-664	1N3606		

NOTES

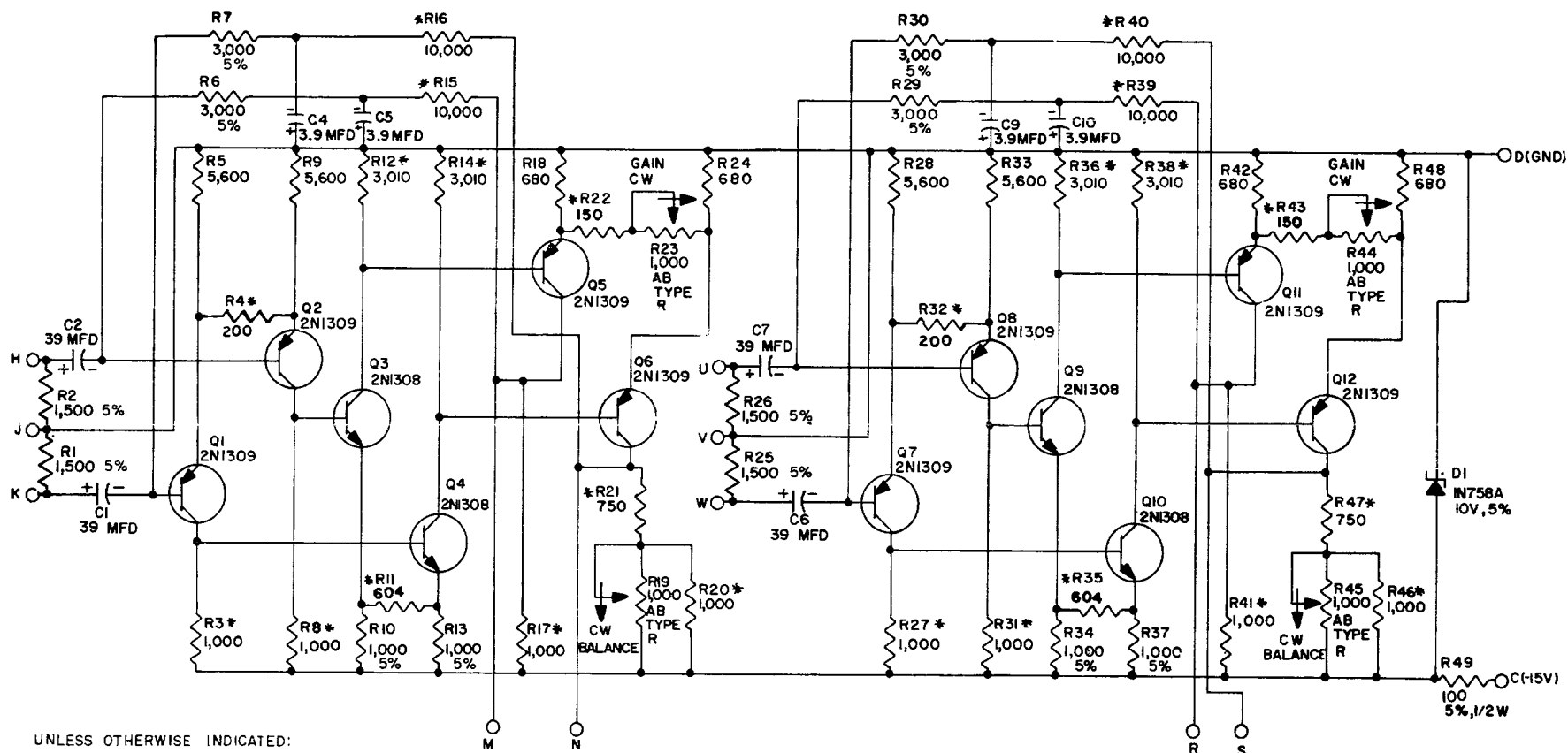
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D RS- 1535 5		
PEAK DETECTOR 1535		

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RS - B-1536-7



UNLESS OTHERWISE INDICATED:

RESISTORS ARE 1/4W; 10%

RESISTORS ARE 1/4W,
CAPACITORS ARE MMFD

* DC 1/2 A RN20X (ELECTRA) 1% RESISTORS

[illegible]

NOTES

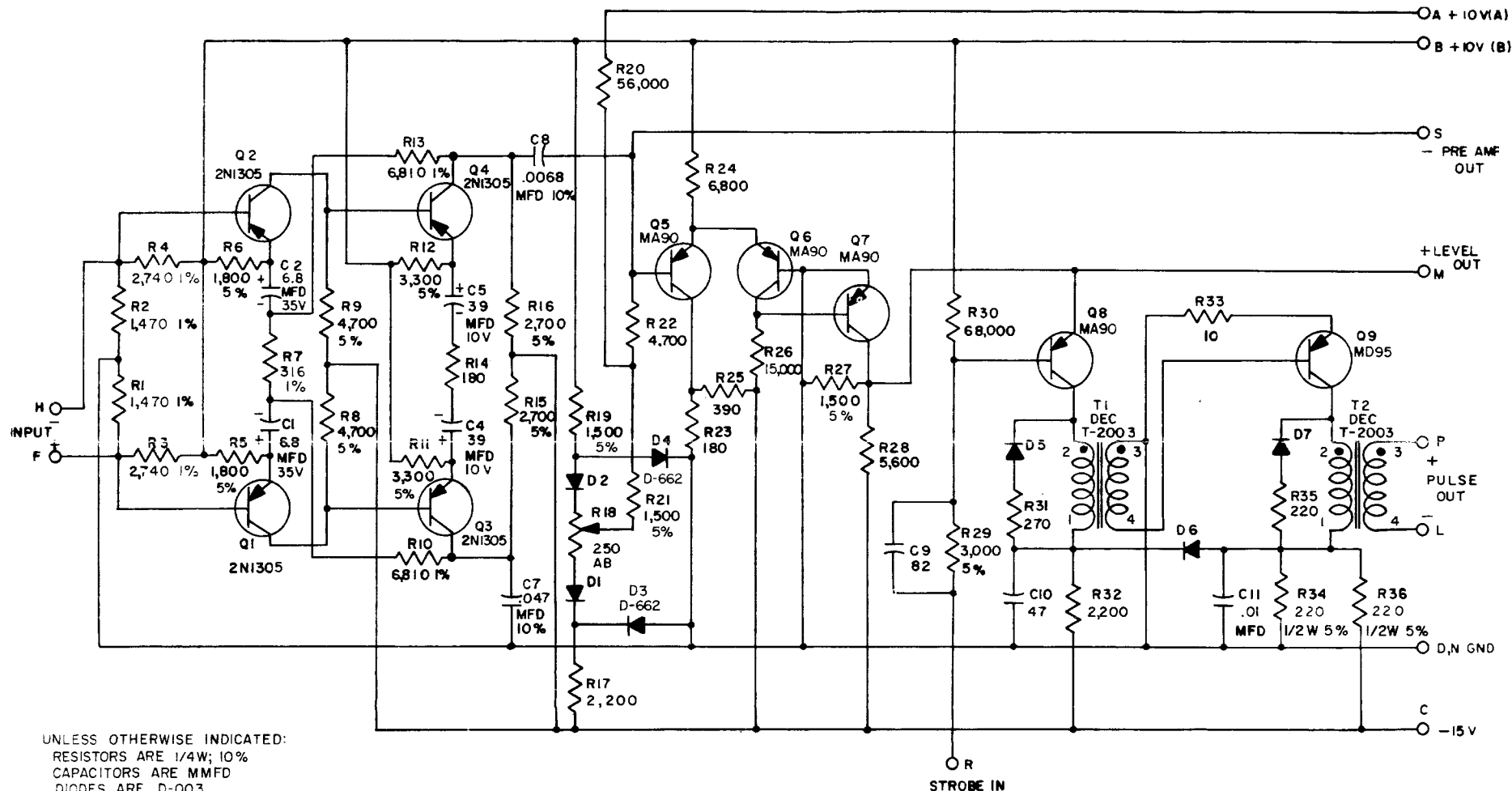
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z									
D			RS-8-1536					7	
MAGNETIC TAPE SENSE AMPLIFIER 1536									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-1537-5



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
MA90	2N2481		
MD95	2N2482		
2N1305	2N1305		
D-003	1N934		
D-662	1N648		

NOTES

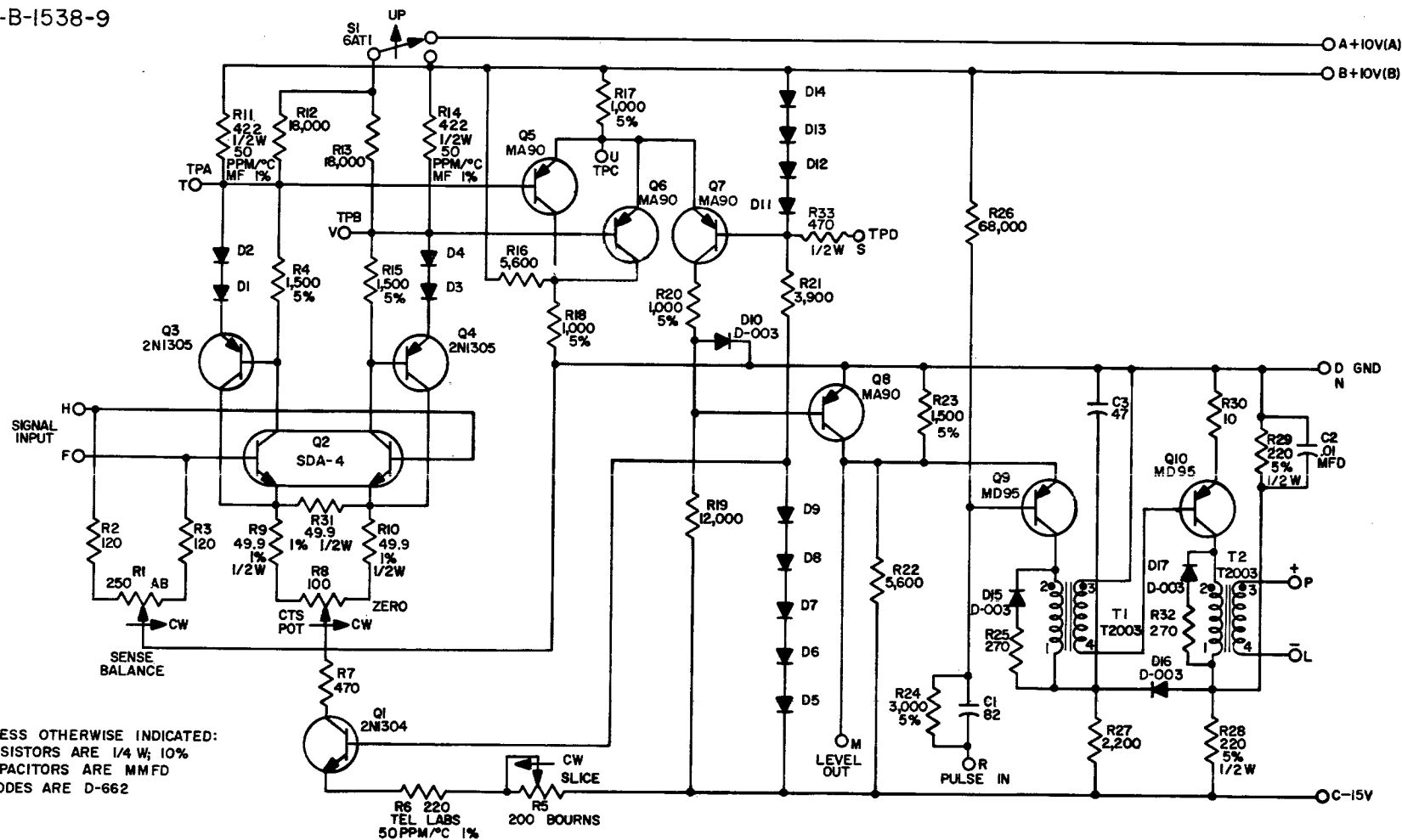
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B RS-1537 5		
DRUM SENSE AMP 1537		

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RS-B-1538-9



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
MA90	2N2451	D-003	IN994
MD95	2N2489	D-662	IN645
2N1305	2N1305		
SDA-4	2N2060		
2N1304	2N1304		

NOTES

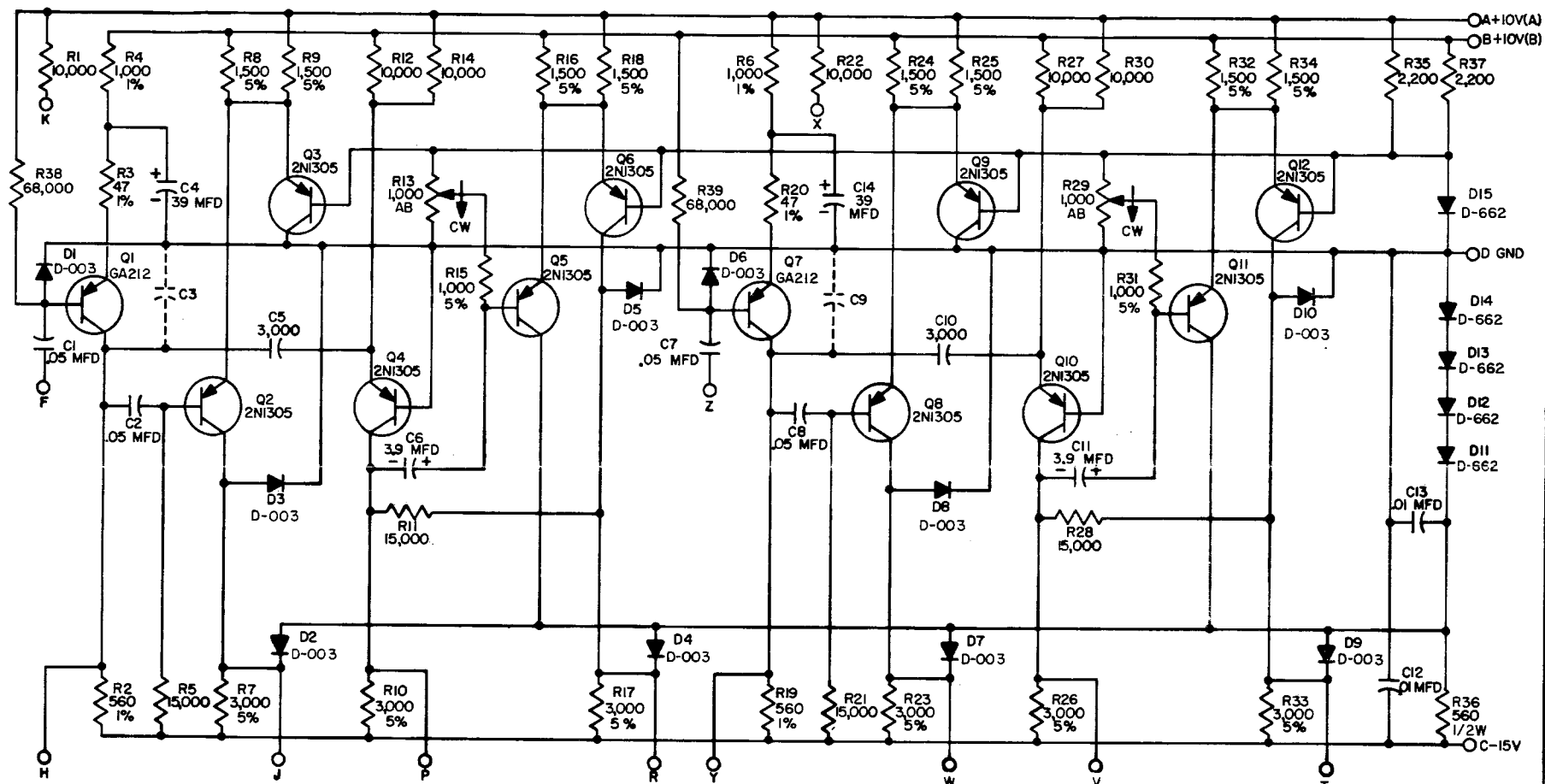
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
F												RS-B-1538												9	
DC SENSE AMPLIFIER 1538																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-1539-7



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N1305	2N1305		
D-662	1N662		
D-662	1N662		

NOTES

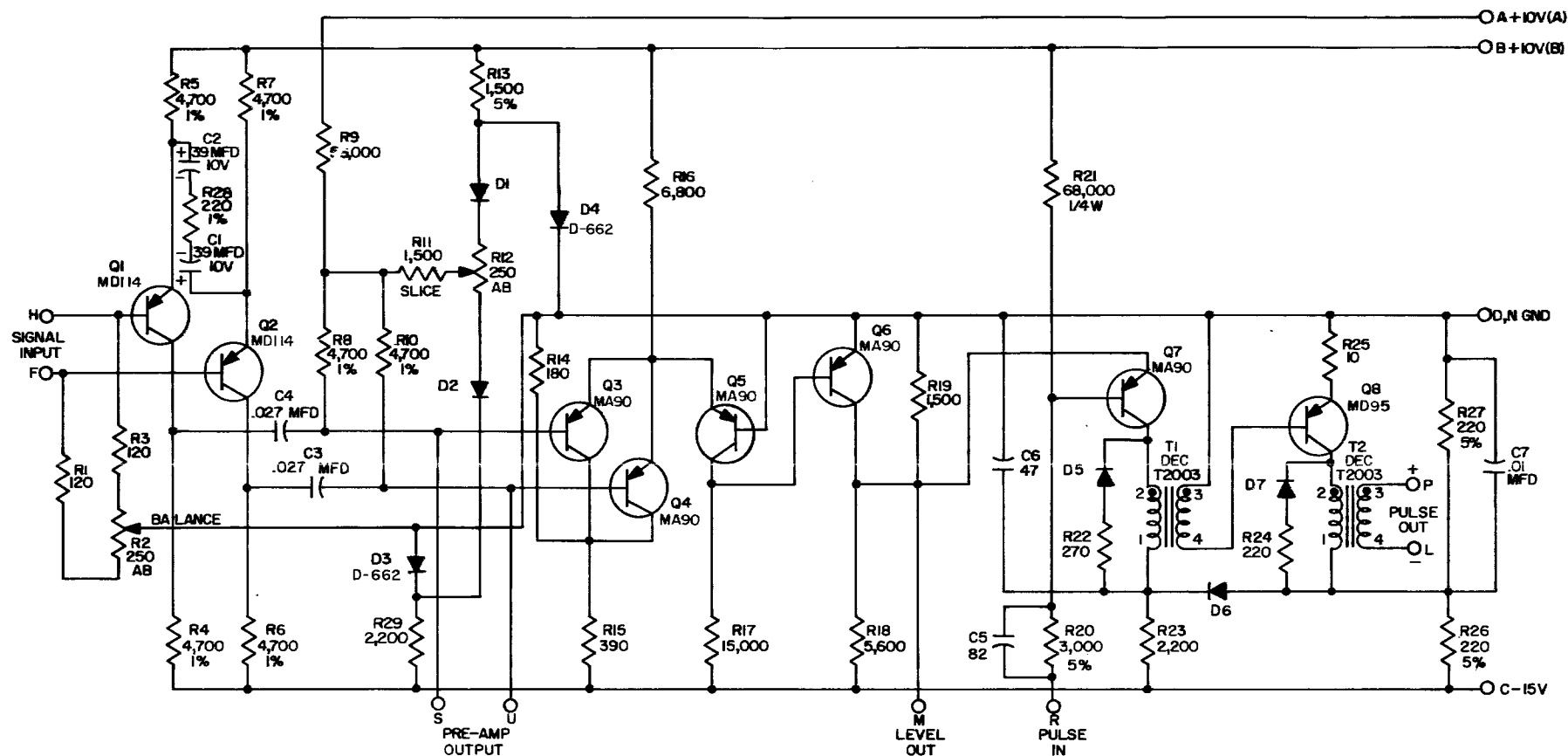
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
D							RS-1539												7						
PEAK DETECTOR & SLICER 1539																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-1540-7



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/2W; 10 %
CAPACITORS ARE MMFD
DIODES ARE D-001

TRANSISTOR & DIODE CONVERSION CHART			
DEC		EIA	
MA90		2N2451	
MD95		2N2489	
MD14		2N1499A	
D-001		1N276	
D-662		1N645	

NOTES

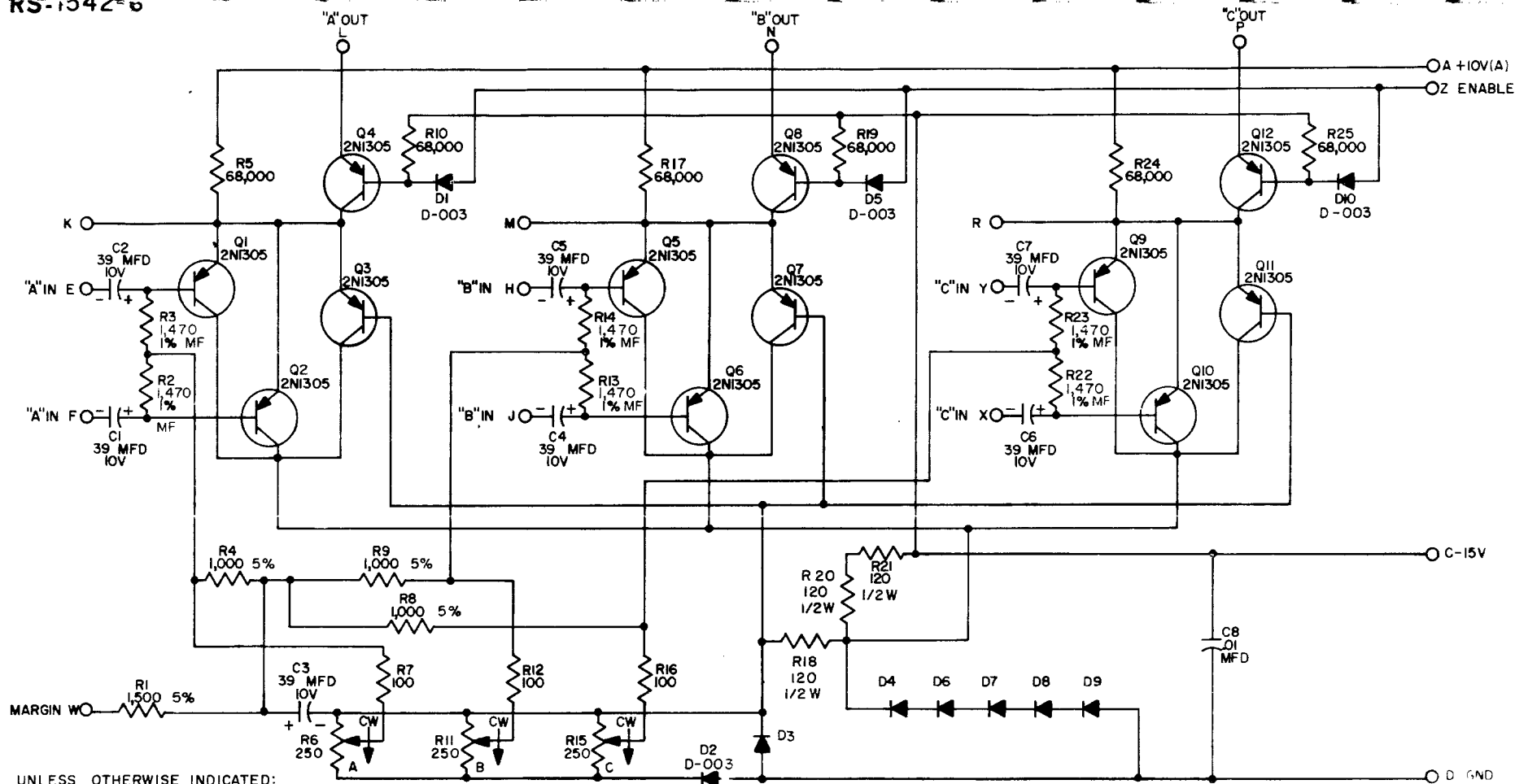
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	R	S	T	U	V	W	X	Y	Z
D										RS-1540										7			
SENSE AMP WITH PA. 1540																							

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-1542-b



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W, 10%
CAPACITORS ARE MMFD
DIODES ARE D-662
MF RESISTORS ARE 1/8 W, T-0

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N1306	2N1306		
D-662	1N949		
D-003	1N994		

NOTES

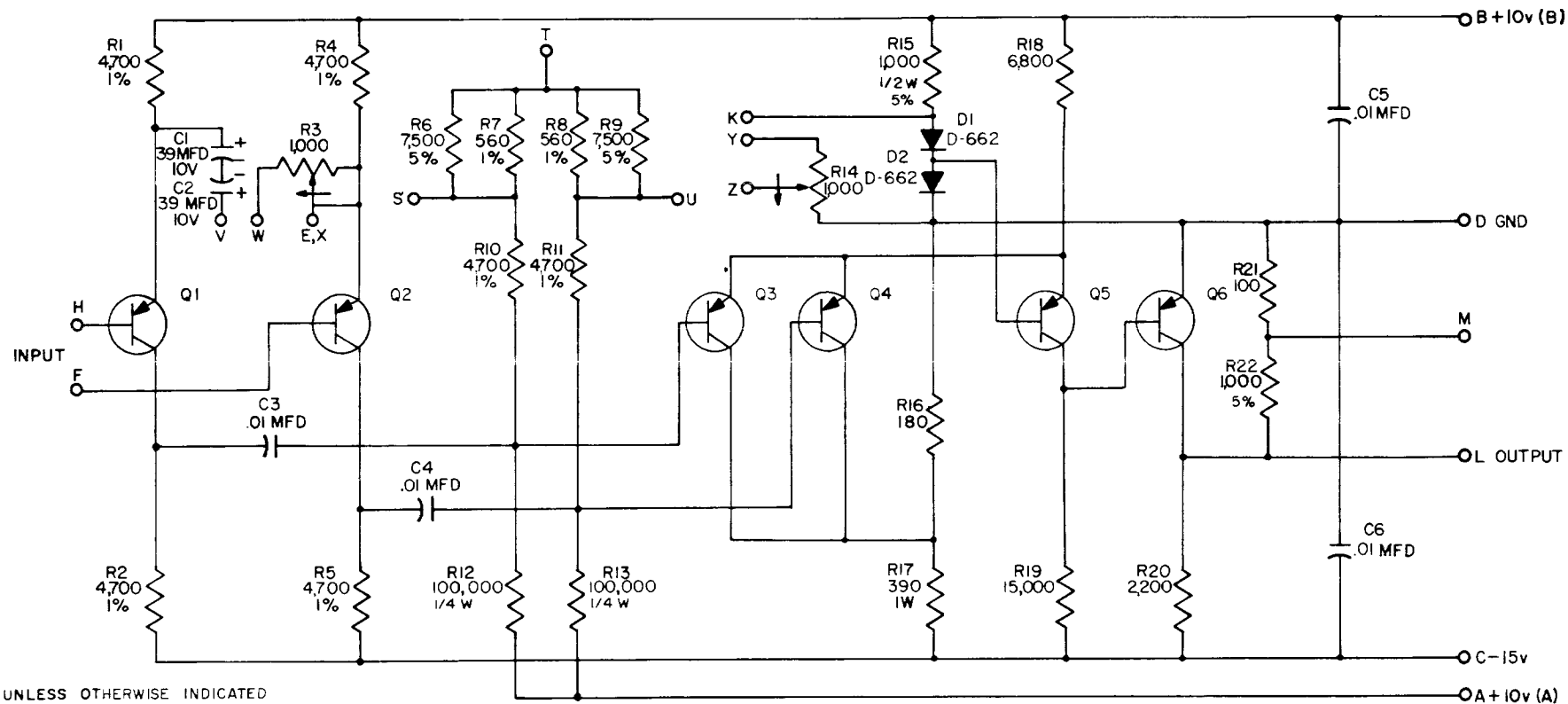
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
B								RS-1542										6							
6-ATABLE RECTIFYING SLICER 1542																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-1546-5



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
MA90	2N2451		
D-662	1N645		

NOTES

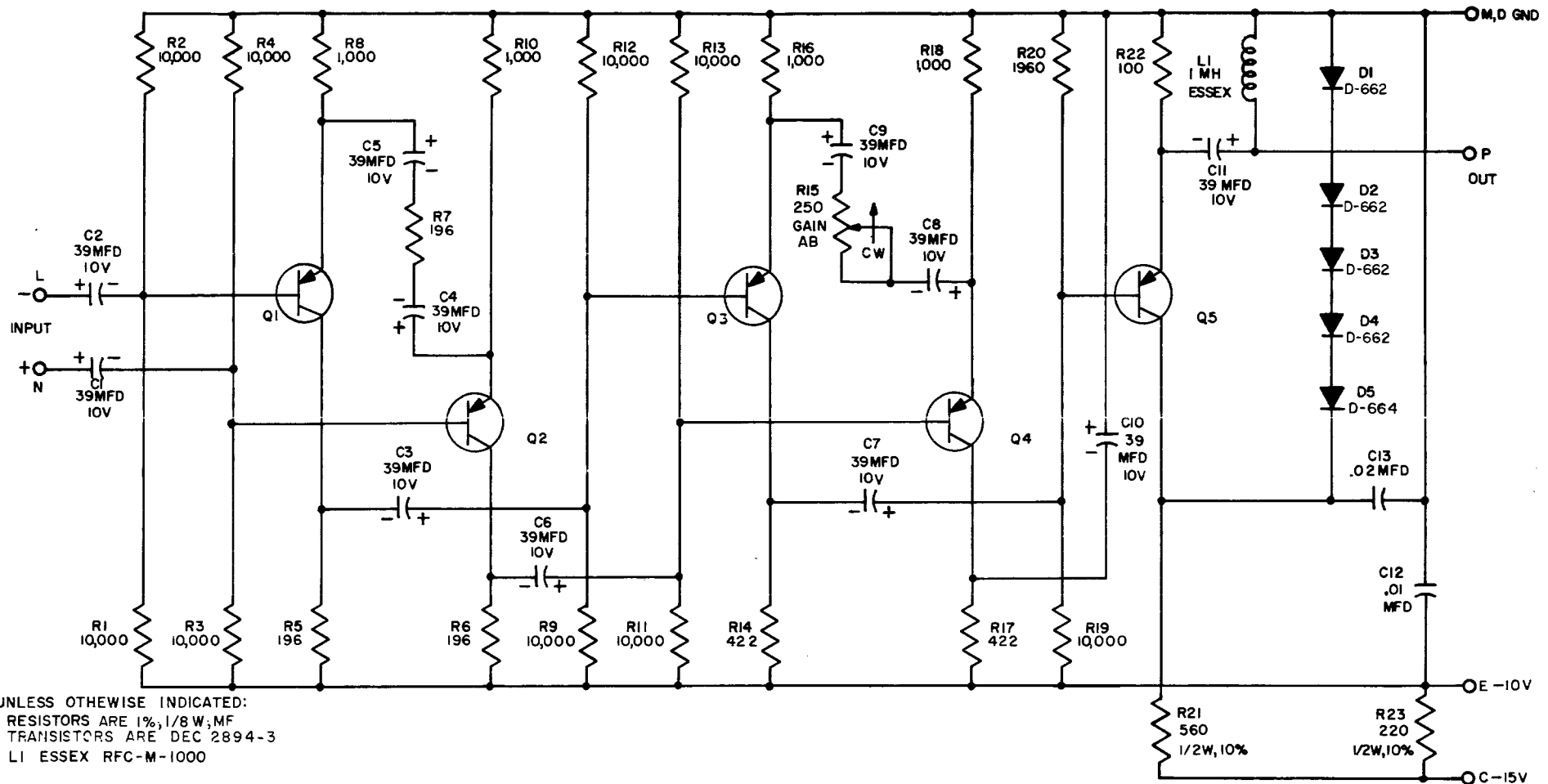
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
D													RS-1546										5		
SENSE AMPLIFIER 1546																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-1550-8



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-3	NONE		
D-001	1N276		
D-662	1N648		
D-664	1N3606		

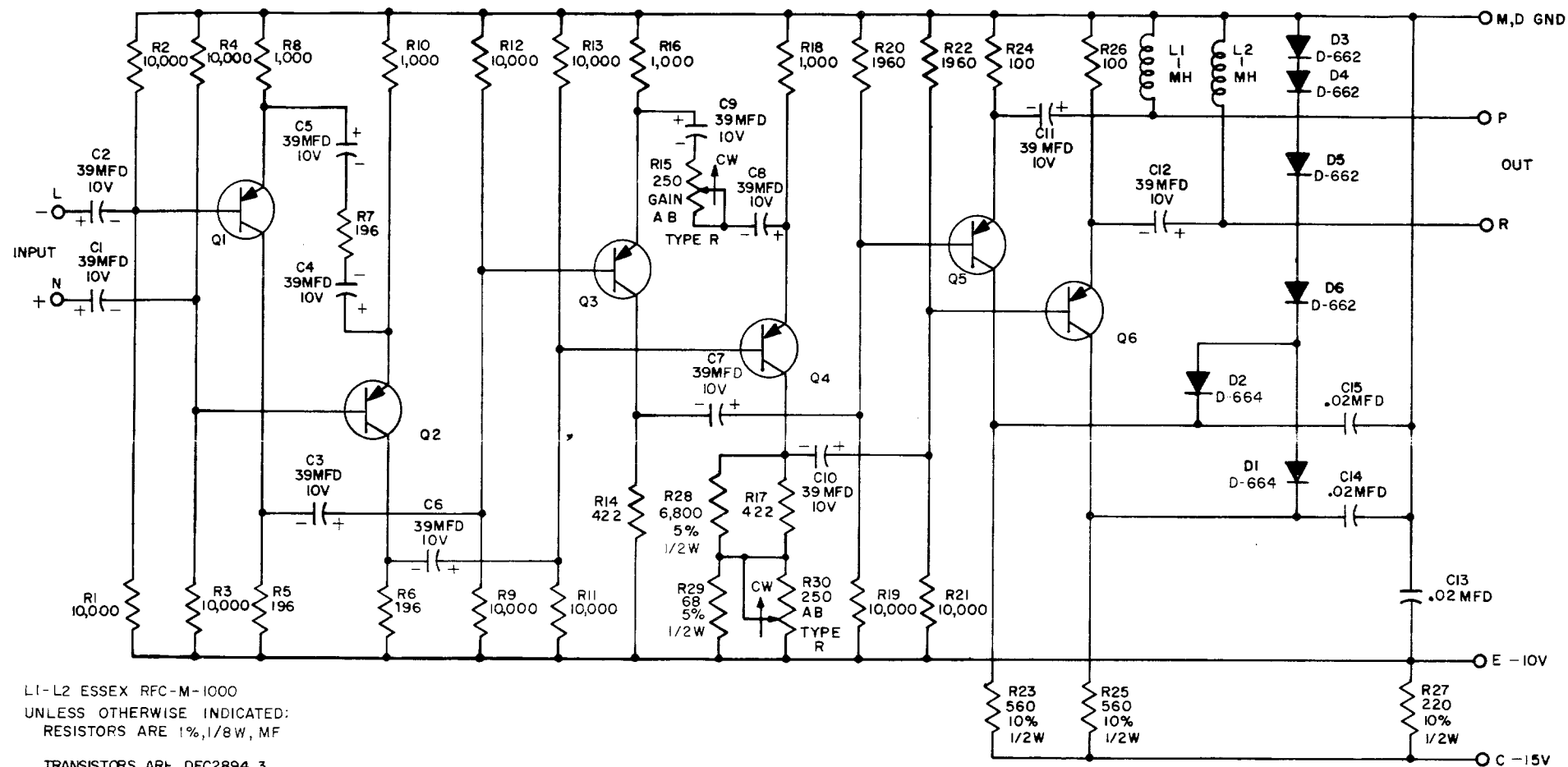
NOTES

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I 4 B C D E F G H J K L M N P Q R S T U V W X Y Z																									
F								RS-1550										8							
XIO AMPLIFIER 1550																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS



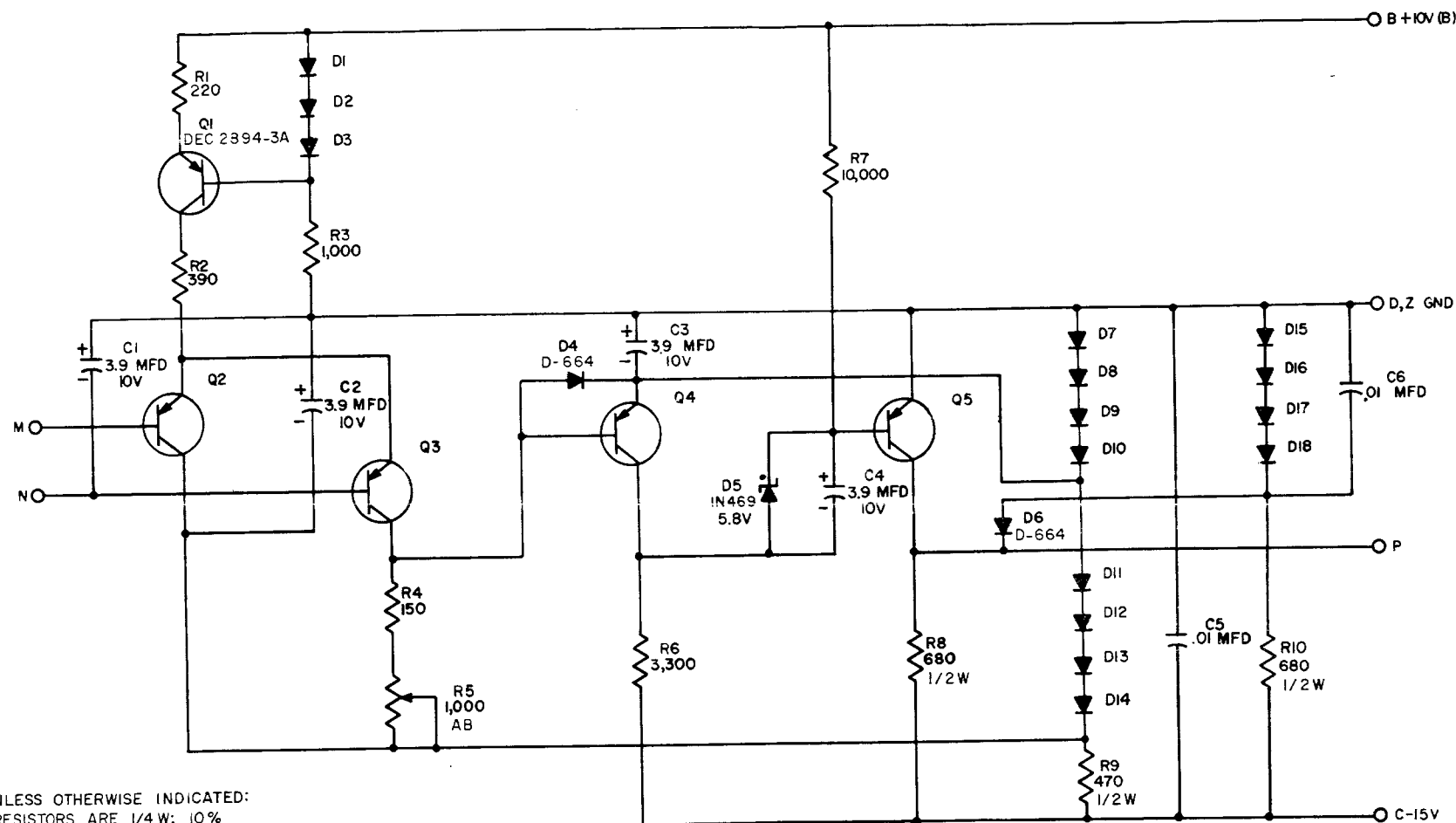
TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC2894-3	DEC2894-3		
D-664	1N3606		
D-662	1N645		

NOTES

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A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	R	S	T	U	V	W	X	Y	Z
D										RS-B-1554										9			
X10 AMPLIFIER 1554																							



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-3A	NONE		
DEC 2894-3B	NONE		
D-664	IN3606		
IN469 5.8V	IN469 5.8V		
D-662	IN645		

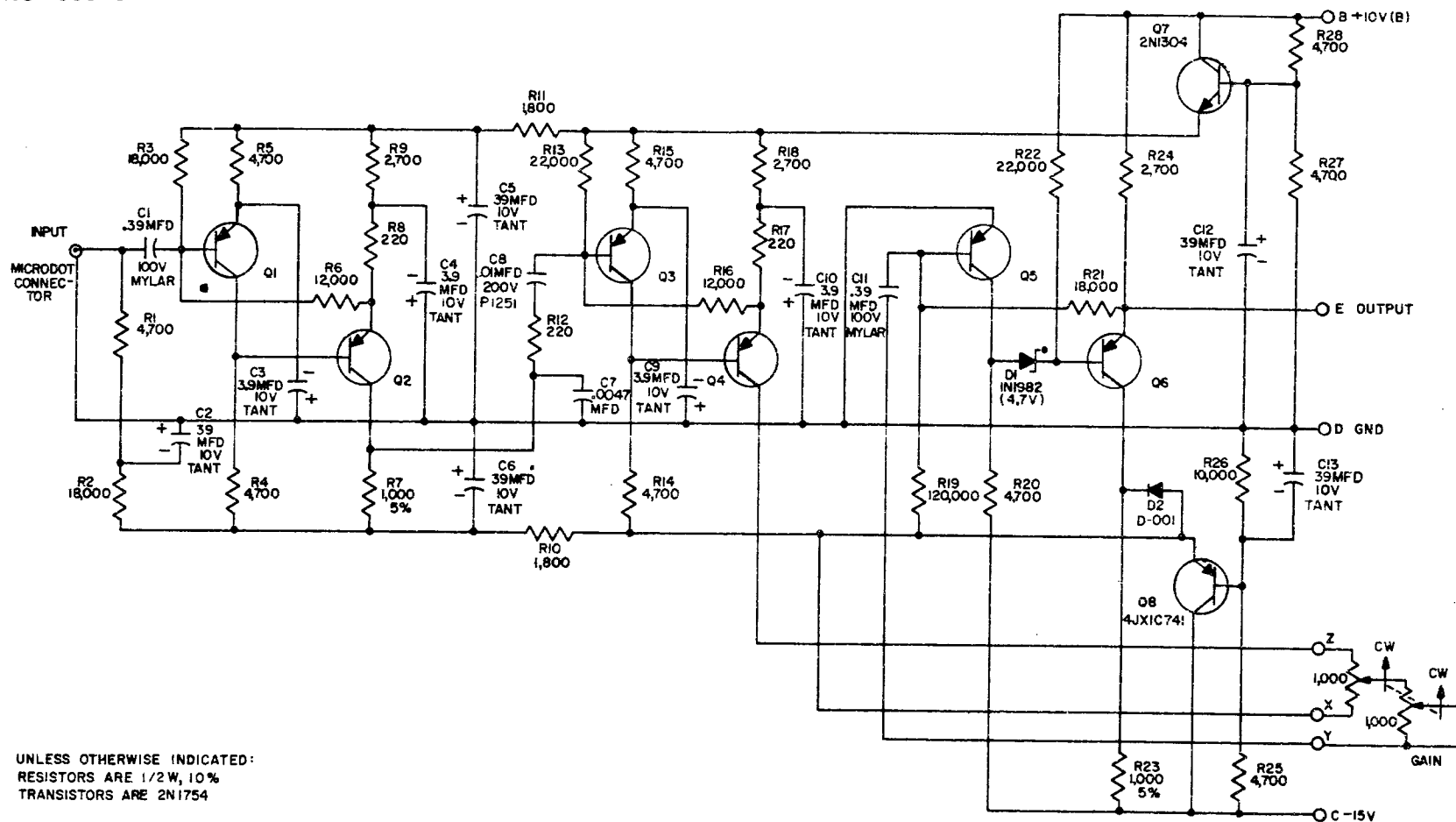
NOTES

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I U O E F X J K L R Z A S T D V B N																									
D				RS-B-1556																		9			
SLICE AMPLIFIER 1556																									

RS-1559-6



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N1754	2N1754		
2N1304	2N1304		
4JX1C741	2N527		
D-001	1N276		
1N1982(4.7V)	1N1982(4.7V)		

NOTES

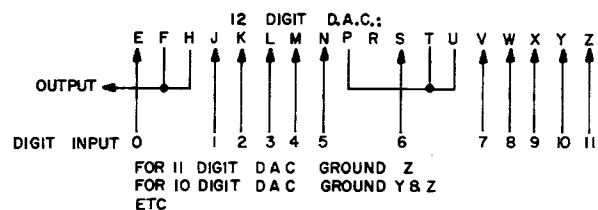
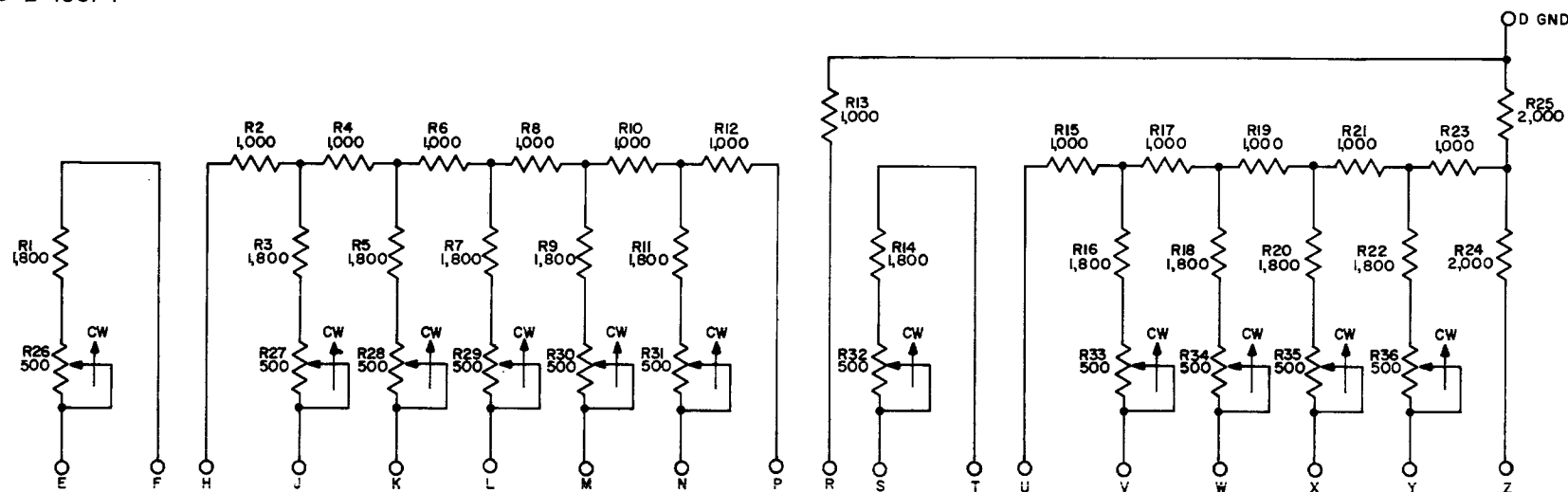
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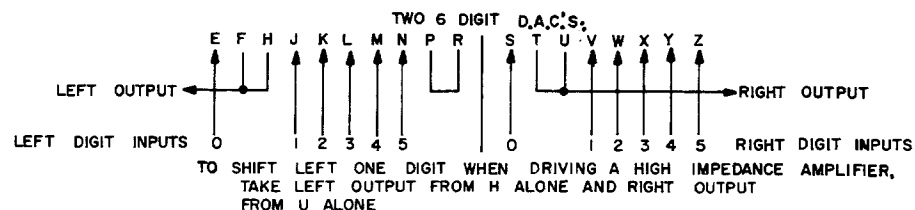
B RS-1559 6		
LIGHT PEN AMPLIFIER 1559		

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1561-I



UNLESS OTHERWISE INDICATED:
FIXED RESISTORS ARE 1/2W 1%
VARIABLE RESISTORS ARE ALLEN BRADLEY TSRU5012



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA

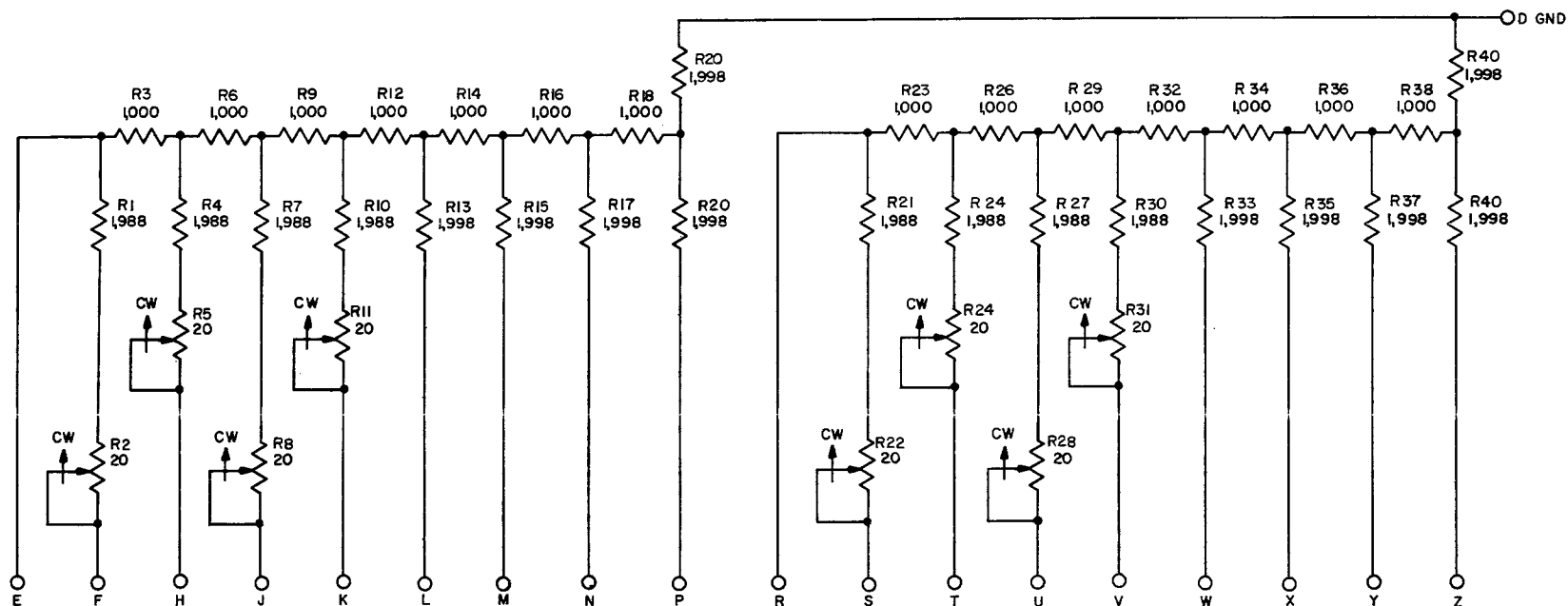
NOTES

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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
B					RS-B-1561															I					
DIGITAL TO ANALOG CONVERTER 1561																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1563-3



UNLESS OTHERWISE INDICATED:
FIXED RESISTORS ARE 1/10%, TEL-LABS AMI
ALL POTS BOURNS TYPE 200 OR 271

[illegible]

NOTES

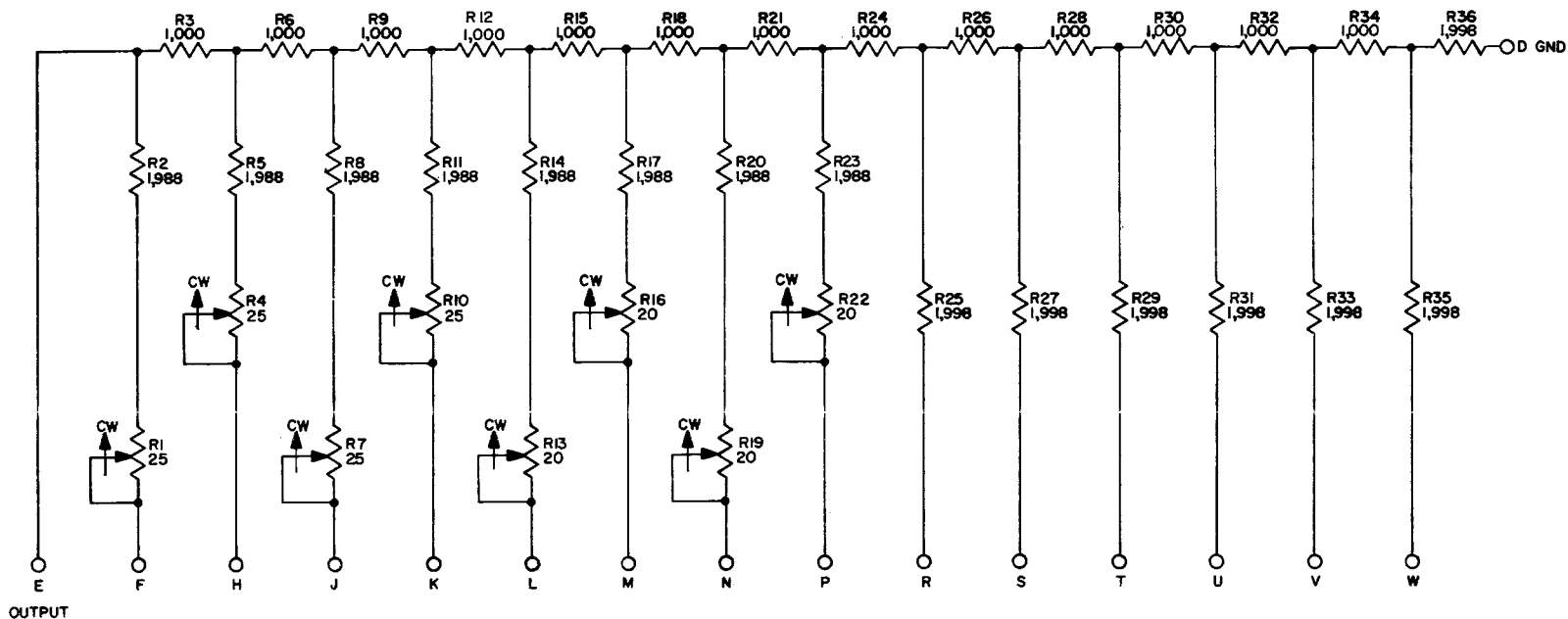
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																										
A													RS-B-1563													3

DUAL 8 BIT DIGITAL TO ANALOG CONVERTER:1563

RS-B-1564-2



UNLESS OTHERWISE INDICATED:
 FIXED RESISTORS ARE 1/10% TEL-LABS AMI
 R1, R4, R7, & R10 ARE CTS MODEL 180
 R13, R16, R19 & R22 ARE BOURNS TYPE 200

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA

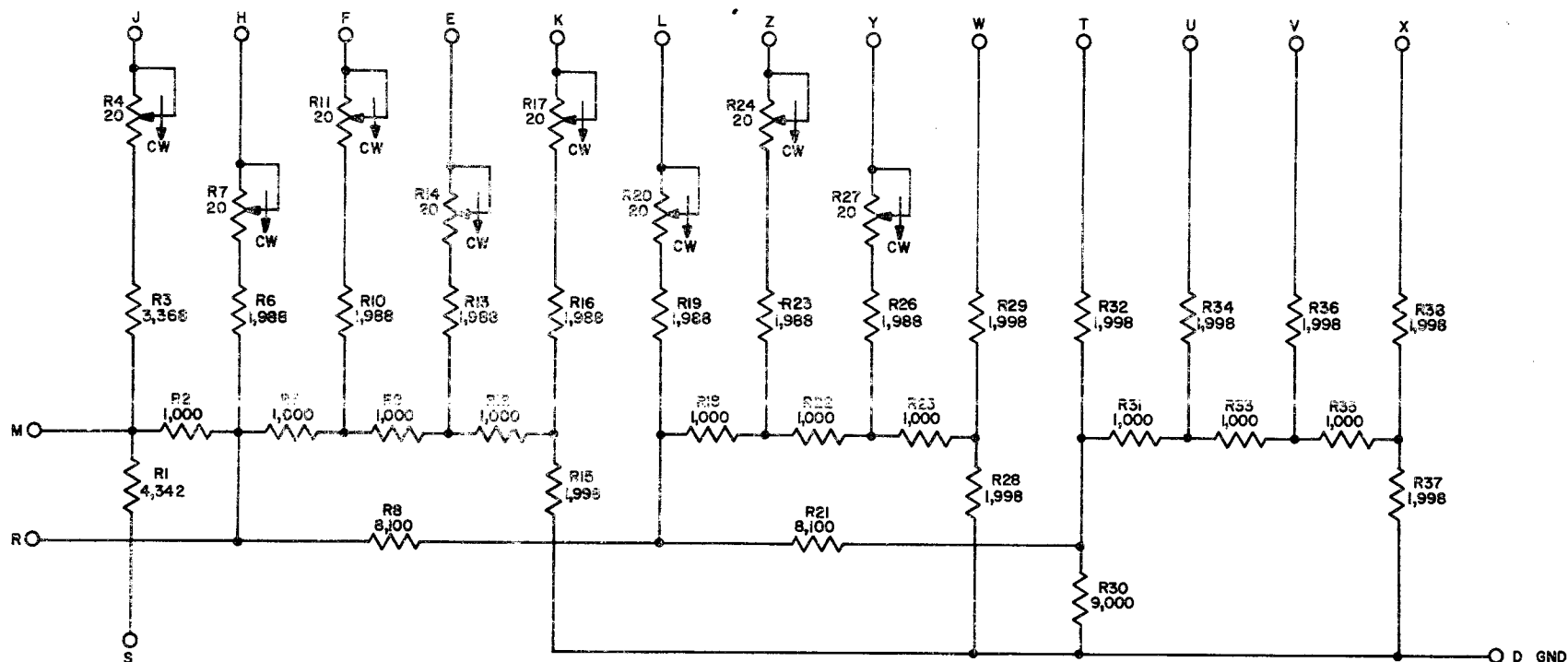
NOTES

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14 BIT DAC 1564 14 BIT DAC 1564 2		
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RS-1566-1



UNLESS OTHERWISE INDICATED
RESISTORS ARE 1/10% TEL-LABS AMI
ALL POTS BOURNS TYPE 200 OR 271

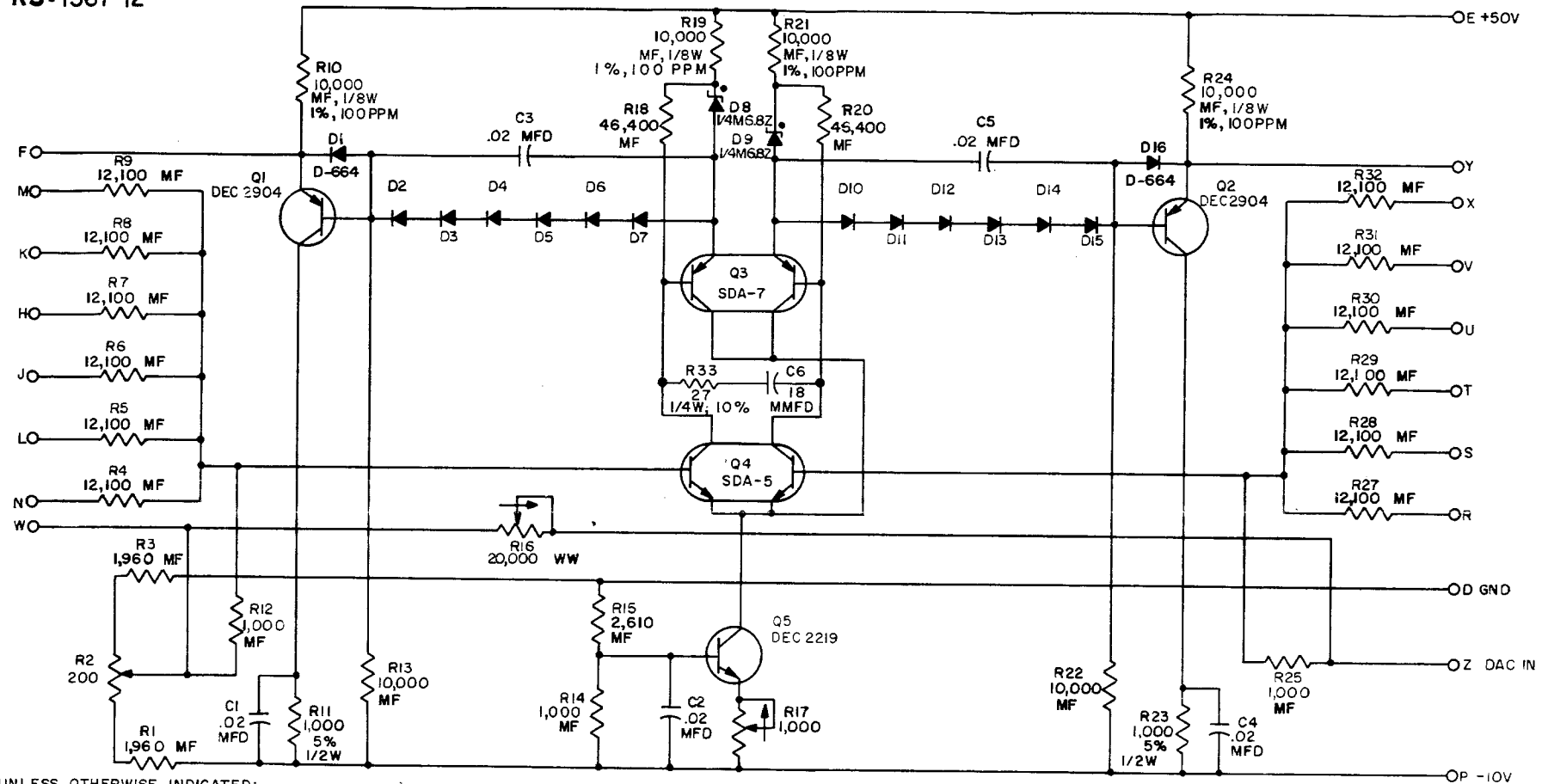
B3D LADDER 1566 (A) RS-1566-1

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RS-1567-12



UNLESS OTHERWISE INDICATED:
ALL MF RESISTORS ARE 1%, 1/8W WITH
100 PPM/% CHARACTERISTIC CONFORMAL COATING
POTS ARE BOURNS
DIODES ARE D-662

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2904	2N1132	D-664	1N3506
SDA-7	SDA-7	1/4M6.8Z	1/4M6.8Z
SDA-5	SDA-5		
DEC 2219	2N2219		
D-662	1N645		

NOTES

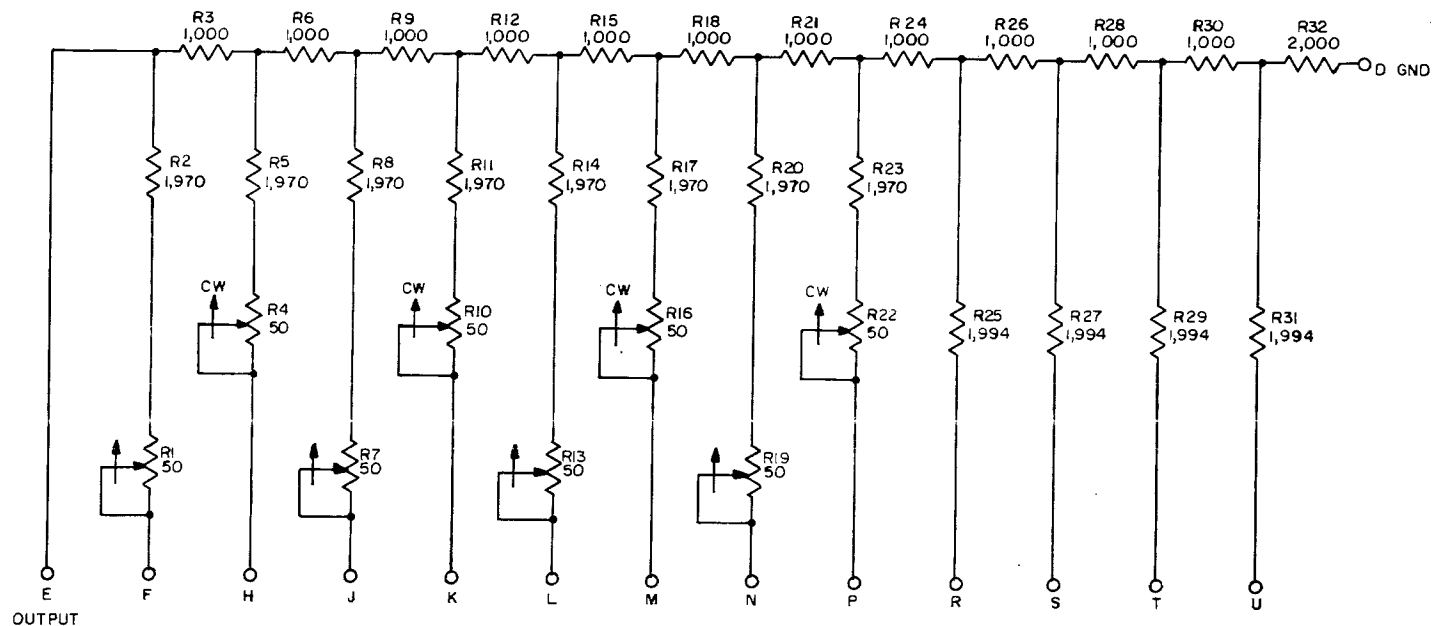
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z											
F				RS-1567				12			
DISPLAY PREAMPLIFIER 1567											

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1568-1



UNLESS OTHERWISE INDICATED:
FIXED RESISTORS ARE 1/2%; 1/2W
25 PPM ACI METALLIC FILM
ALL POTS ARE BOURNS TYPE 200

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA

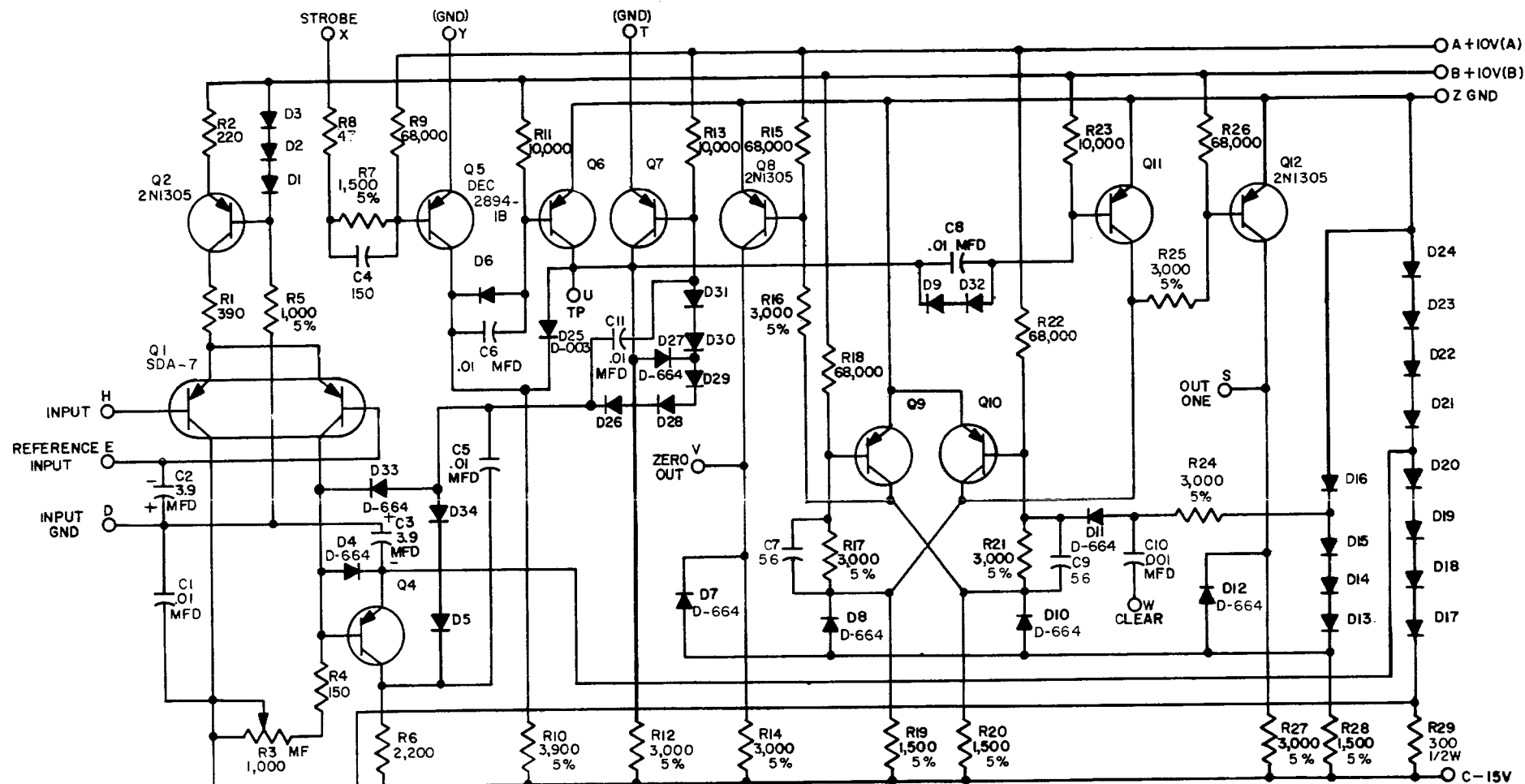
NOTES

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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z											
A				RS-B-1568				1			
12 BIT MF DAC 1568											

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS



UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 1/4W, 10%
 CAPACITORS ARE MMFD
 DIODES ARE D-662
 TRANSISTORS ARE DEC 3639-1B

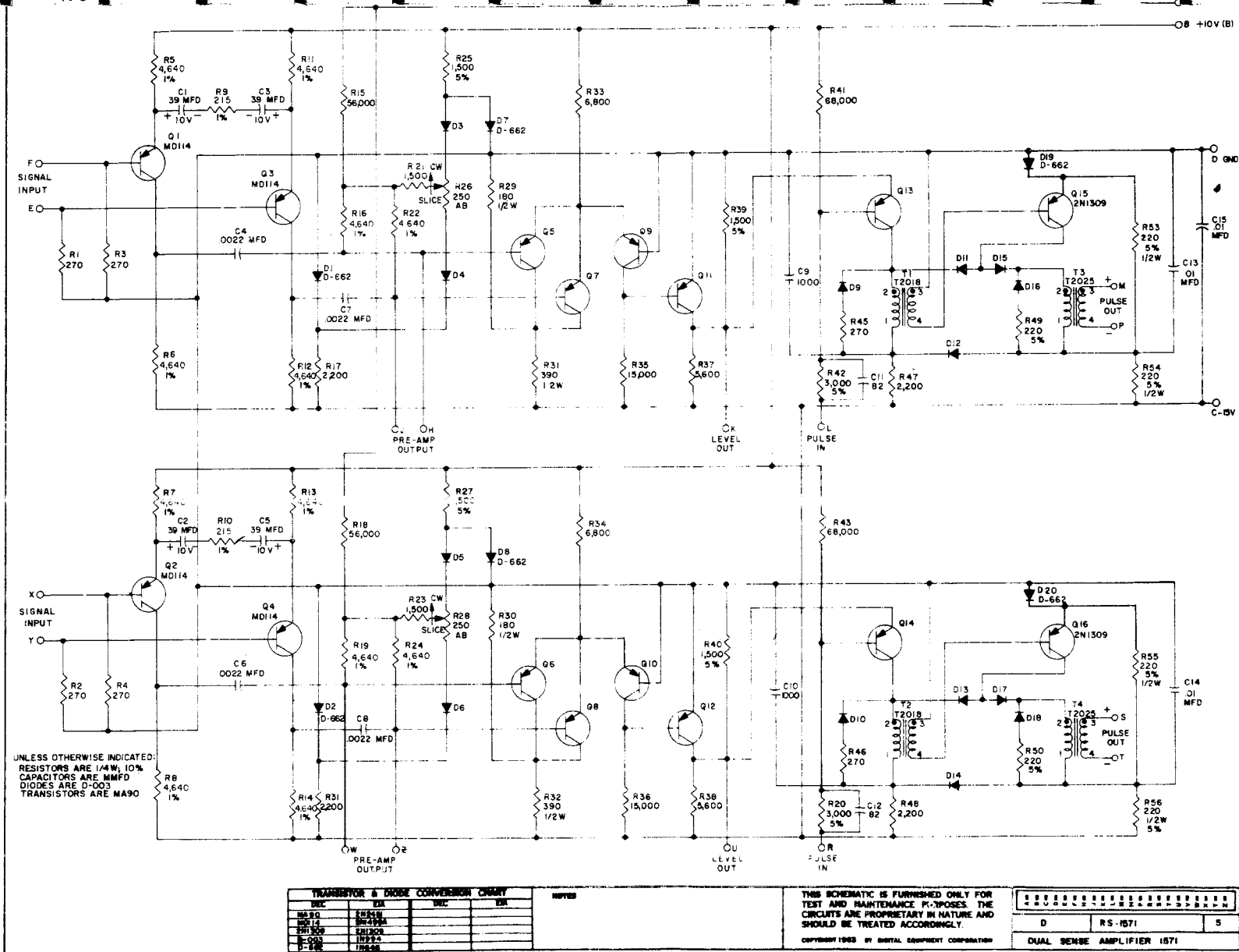
TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N1305	2N305	D-664	IN914
DEC 2894-1B	NONE	DEC 3639-1B	2N3639
SDA-7	SDA-7		
D-003	IN994		
D-662	IN648		

NOTES

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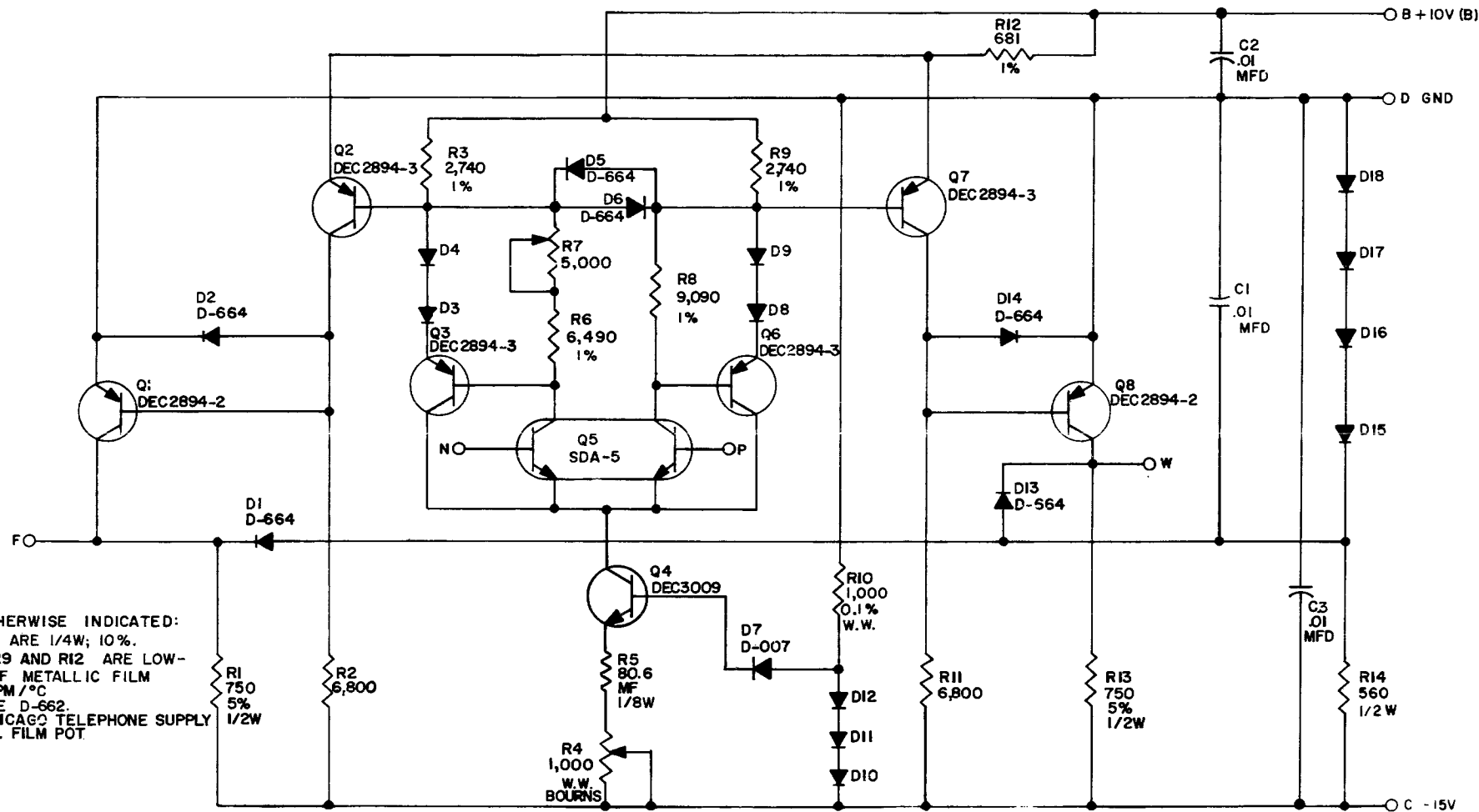
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C								RS-B-1570												10					
SLURER FLIP-FLOP 1570																									



DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1572-9



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC2894-2	DEC2894	D-662	1N645
DEC2894-3	DEC2894	D-664	1N914
DEC3009	2N3009	D-007	1N277
SDA-5	2N2060		

NOTES

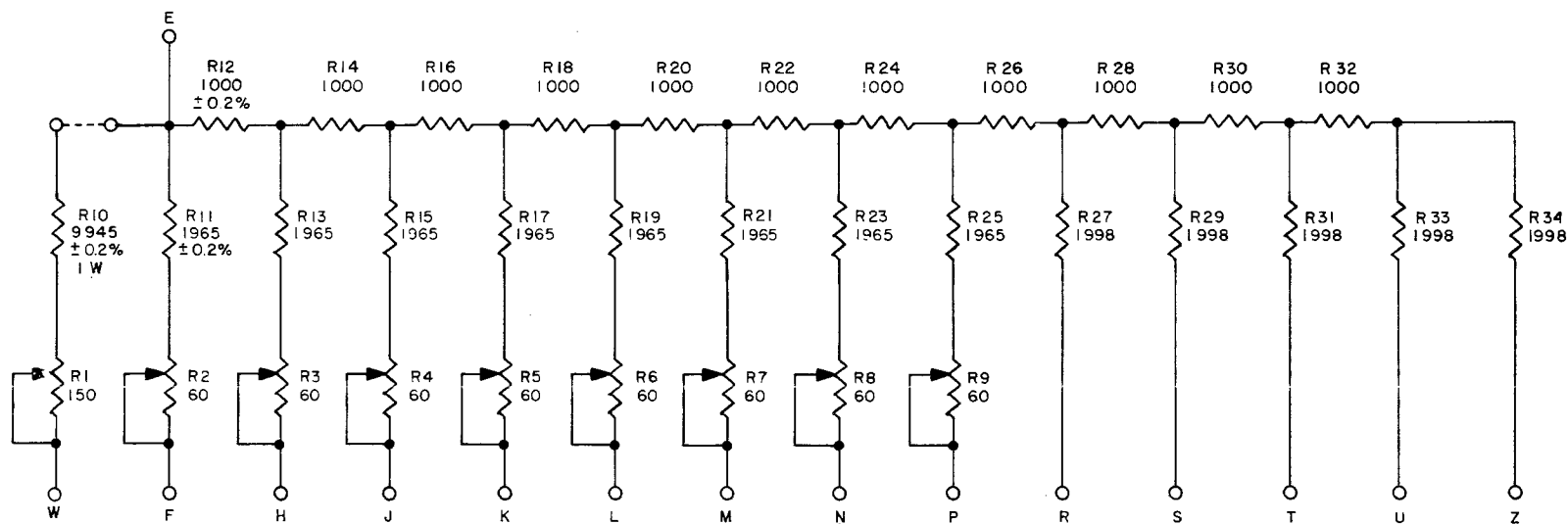
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
E												RS-B-1572												9	
DIFFERENCE AMPLIFIER 1572																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-1574-2



UNLESS OTHERWISE INDICATED

RESISTORS ARE ACI METAL FILM 0.5%, 1/2W

R10 - R18 $\pm 10 \text{ ppm}/^\circ\text{C}$

R19 - R22 $\pm 50 \text{ ppm}/^\circ\text{C}$

R23 - R34 $\pm 150 \text{ ppm}/^\circ\text{C}$

POTENTIOMETERS: DAYSTROM TYPE 510, $\pm 5\%$, $\pm 50 \text{ ppm}/^\circ\text{C}$

R1: RESOLUTION OF .55%, MAX. END RESISTANCE OF 2Ω

R2-R9: RESOLUTION OF .6%, MAX. END RESISTANCE OF 0.5Ω

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA

NOTES

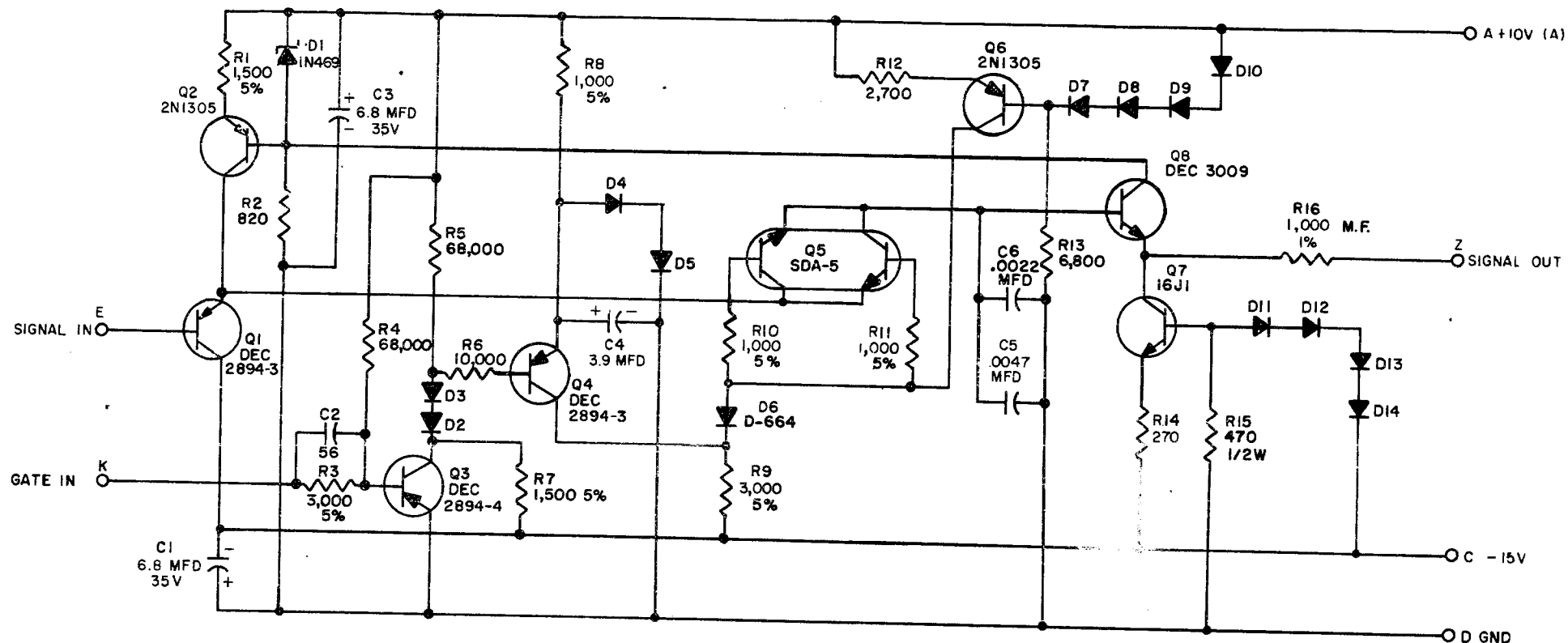
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
B										RS-1574										2					
12 BIT DIGITAL TO ANALOG CONVERTER 1574																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1575-2



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W, 10%.
CAPACITORS ARE MMFD
DIODES ARE D-662

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N1305	2N1305	16J1	16J1
DEC 2894-3	DEC 2894-3	IN469	IN469
DEC 2894-4	DEC 2894-4	D-664	IN3608
SDA-5	3DA-5		
DEC 3009	2N3009		

NOTES

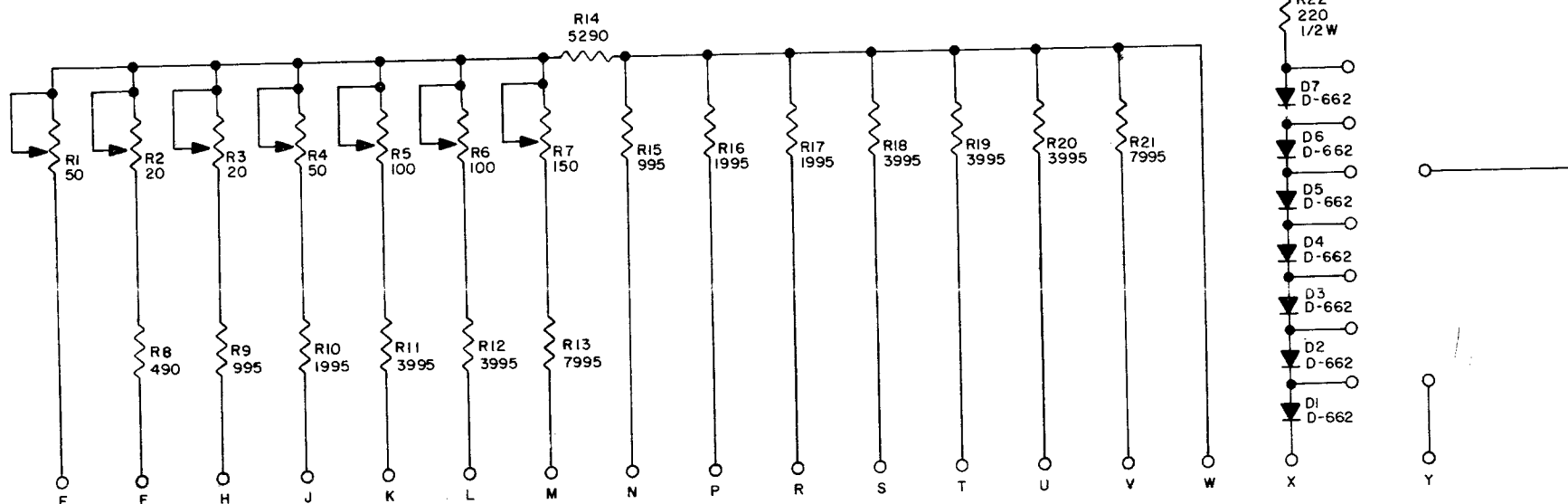
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< 1 2 3 4 5 6 7 8 9 10 11 12 >		
B	RS-B-1575	2
SAMPLE AND HOLD CIRCUIT 1575		

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-1576



TRIMPOTS:

R1-R4 BOURNS MODEL 3053
10% INFINITE RESOLUTION TC = 300 ppm/°c
R5-R7 CTS
10% INFINITE RESOLUTION TC = 250 ppm/°c

RESISTORS:

R8-R9 ACI METAL FILM 0.2% 10 ppm/°c
R10-R21 ACI METAL FILM 0.2% 25 ppm/°c OR BETTER

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D-662	IN 645		

NOTES

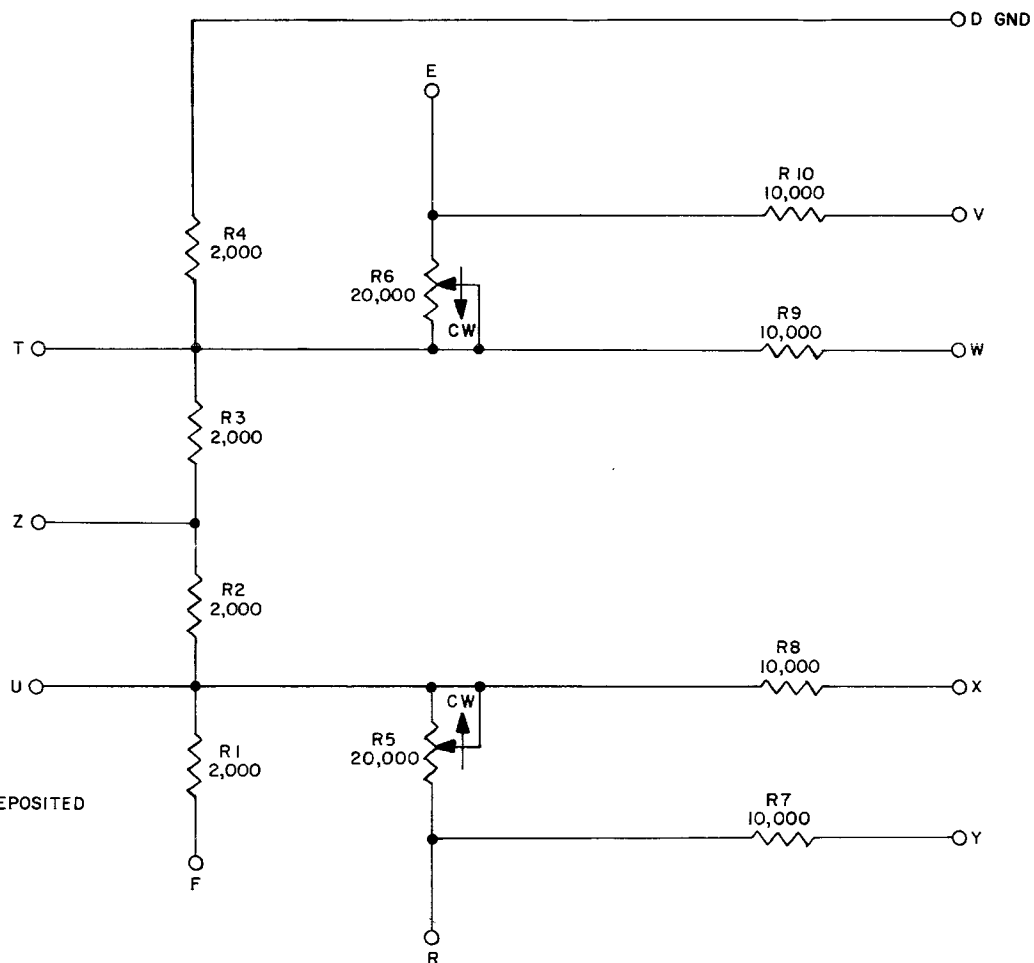
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A													RS-1576												
STAR 1576																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-1577



UNLESS OTHERWISE INDICATED
RESISTORS ARE 1/2 W, 1% CARBON DEPOSITED
TRIMPOTS ARE BOURNS 200L-1-203

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA

NOTES

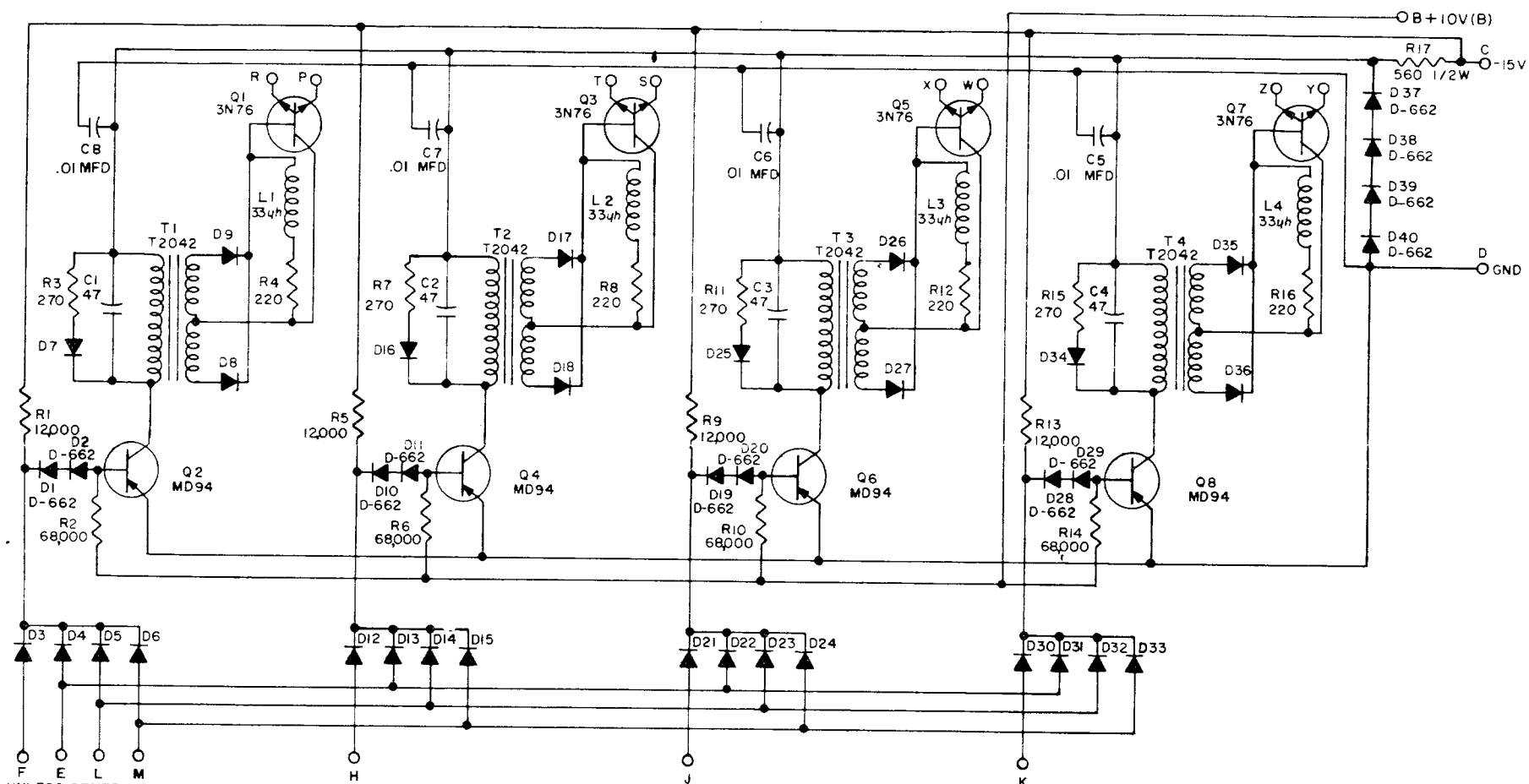
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< 0 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z a b c d e f g h i j k l m n o p q r s t u v w x y z 0 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z a b c d e f g h i j k l m n o p q r s t u v w x y z		
B	RS-1577	
DEFLECTION CORRECTION GAIN CONTROL 1577		

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-1578-1



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 5%
DIODES ARE D-003
CAPACITORS ARE MMFD

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
MD94	2N2488		
3N76	3N76		
D-003	1N994		
D-662	1N645		

NOTES

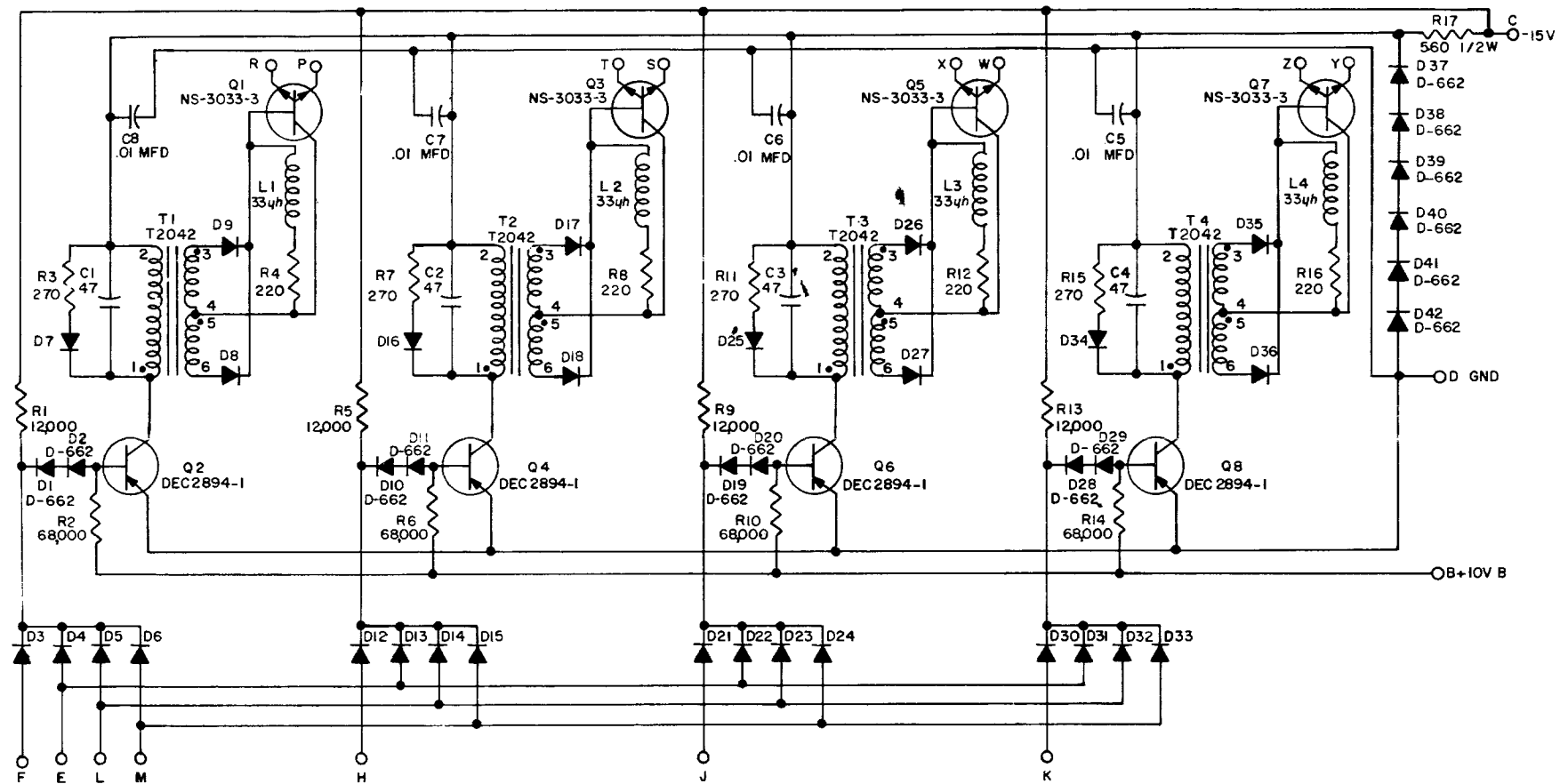
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B RS-1578 I		
MULTIPLEXER SWITCH 1578		

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-15780-3



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 5%
DIODES ARE D-664
CAPACITORS ARE MMFD

TRANSISTOR & DIODE CONVERSION CHART			
DEC		EIA	
D-662		IN645	
DEC2894-J		DEC2894	
NS-3033-3		3N70	
D-664		IN914	

NOTES

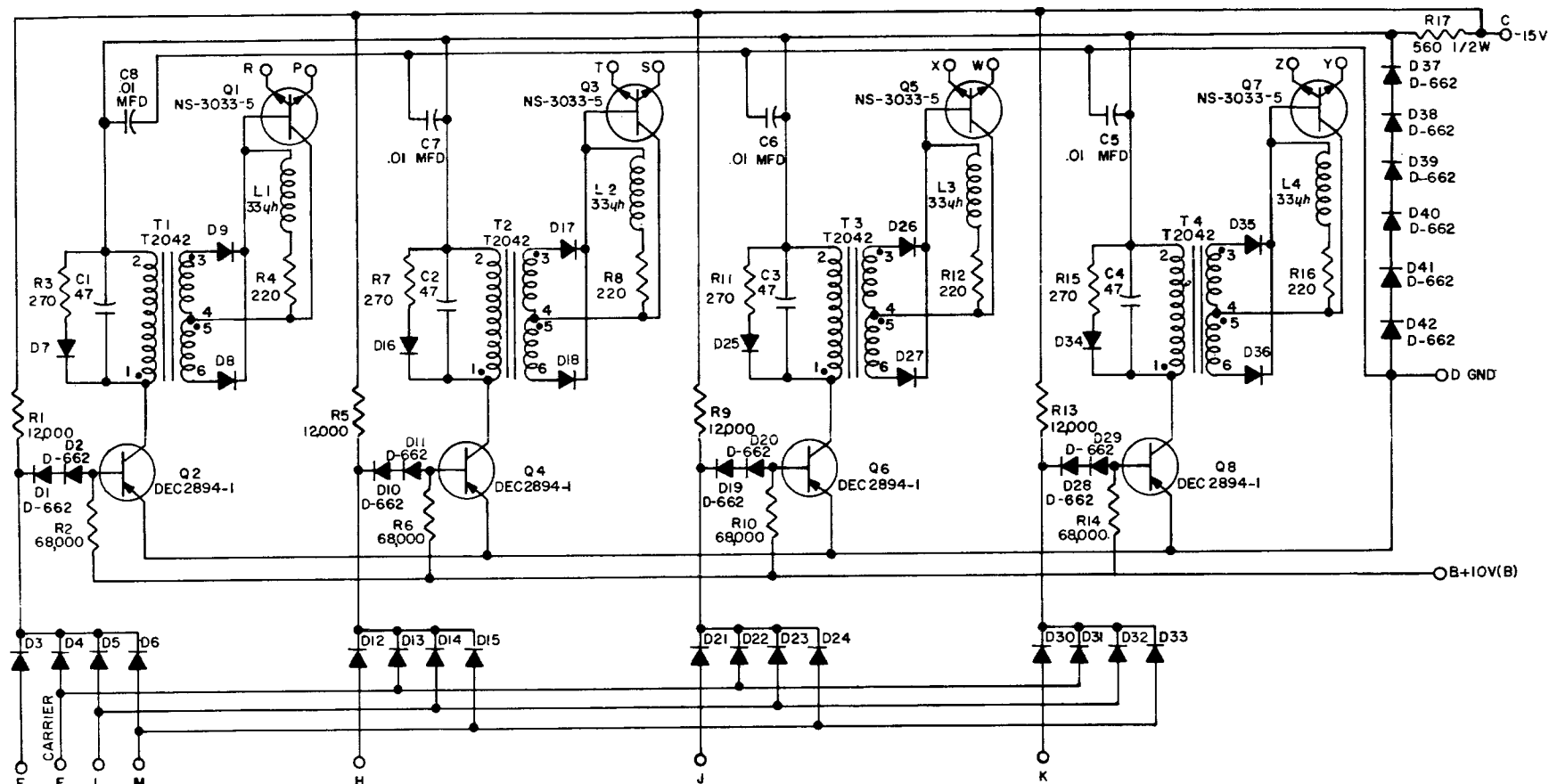
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D	RS-B-15780	3
MULTIPLEXER SWITCH 15780		

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-15781-1



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W; 5 %
DIODES ARE D-664
CAPACITORS ARE MMFD

TRANSISTOR & DIODE CONVERSION CHART			
DEC		EIA	
D-664	IN914		
D-662	IN645		
DEC2894-I	DEC2894		
NS-3033-5	2N70 *		

NOTES

$$\begin{aligned} *BVE, E_{20} &\geq \pm 12V \\ BVE B_0 &\geq 12V \\ IE, E_{10} &\geq 2NA^{\circ} \pm 10V \end{aligned}$$

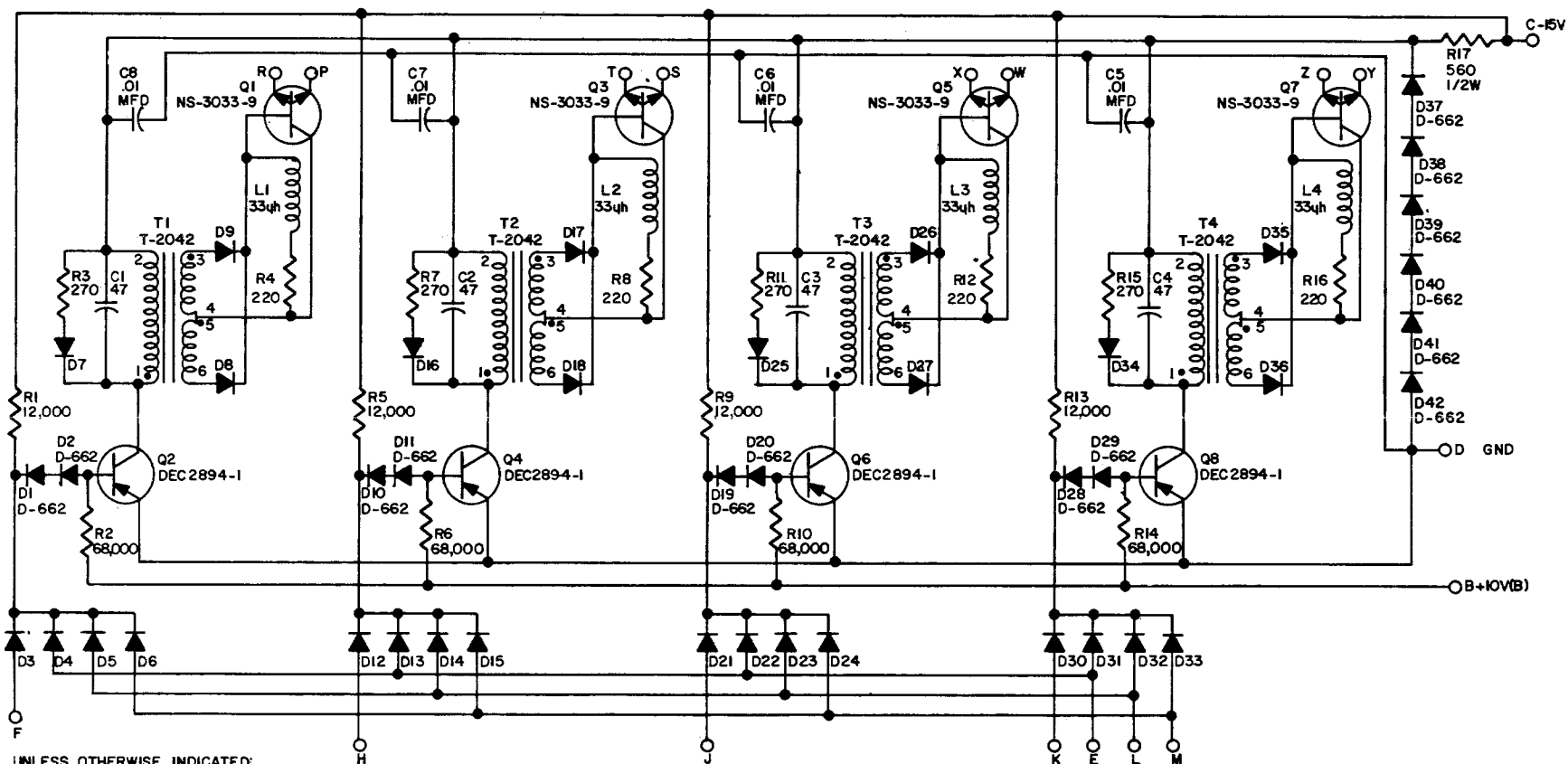
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
D										RS-B-1578I										I					
MULTIPLEXER SWITCH 1578I																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-15782



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-I	DEC 2894		
NS-3033-9	NS-3033-9		
D-662	IN 645		
D-664	IN 914		

NOTES

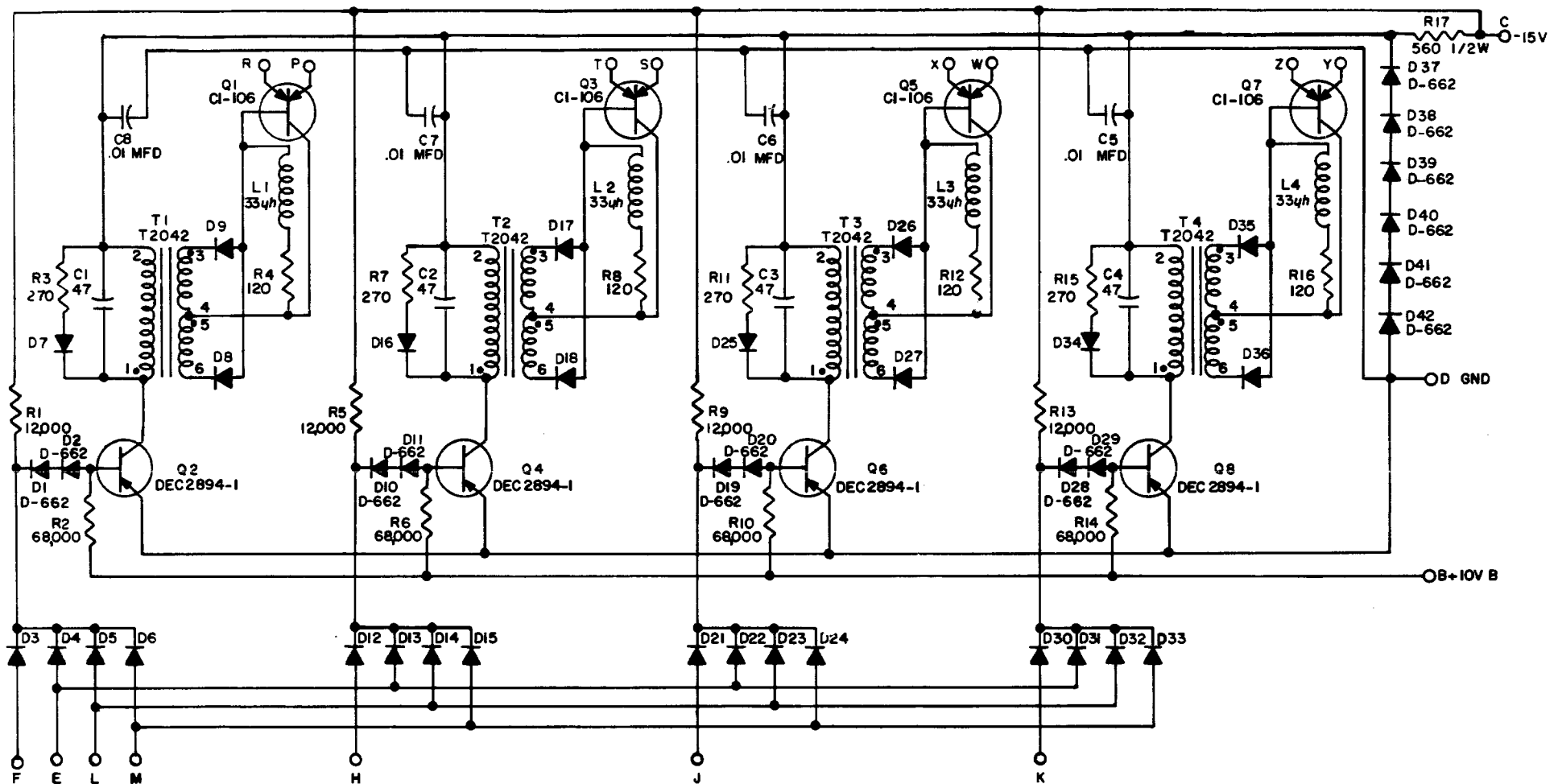
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D			RS-B-15782												
MULTIPLEXER SWITCH 15782															

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RS-B-15783-I



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 5 %
DIODES ARE D-664
CAPACITORS ARE MMFD

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC2894-I	DEC2894		
CI-106	CI-106		
D-662	1N645		
D-664	1N3605		

NOTES

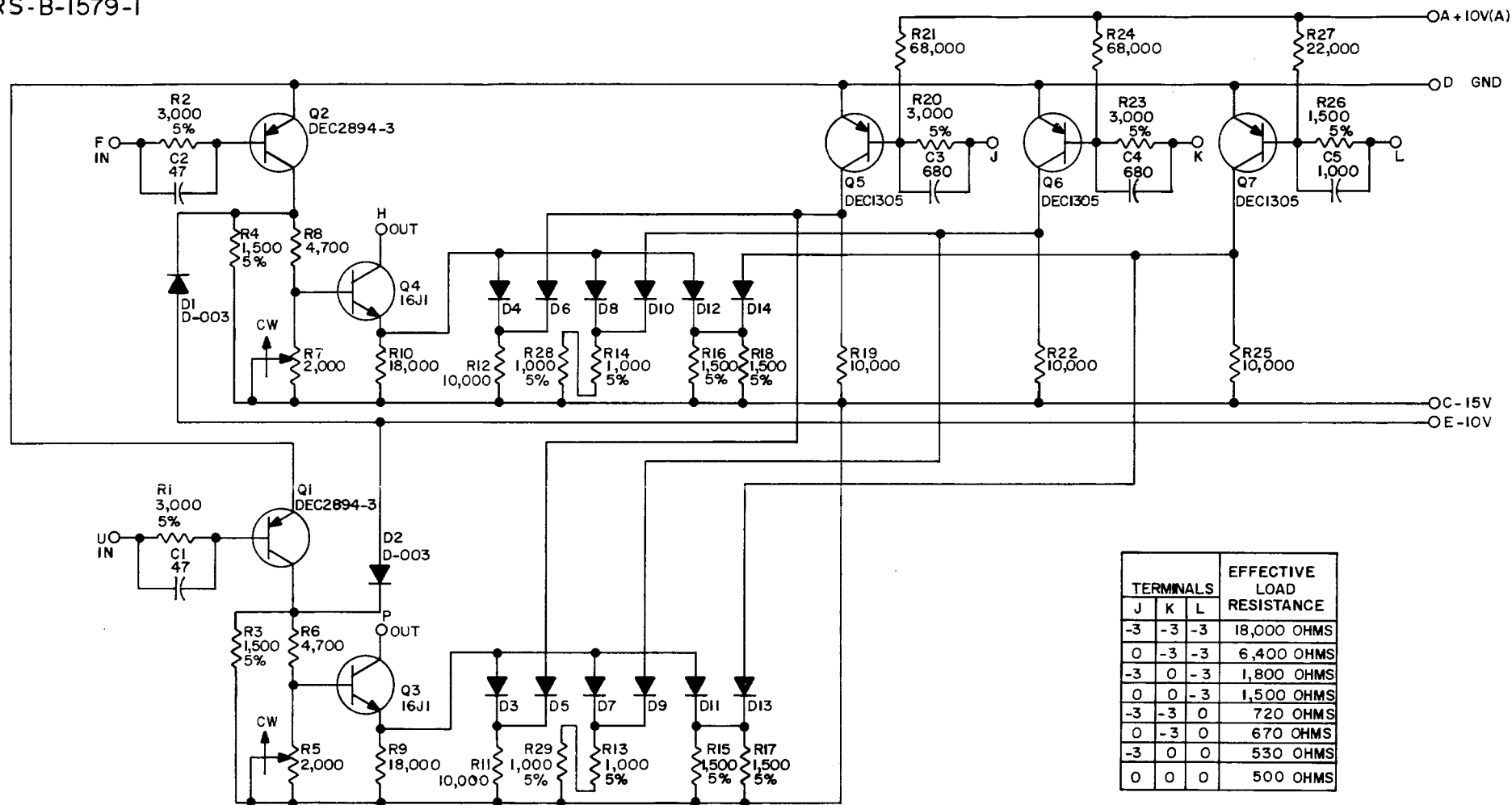
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A B C D E F G H I J K L M N P R S T U V W X Y Z											
D				RS-B-15783				I			
MULTIPLEXER SWITCH 15783											

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1579-I



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 10%
CAPACITORS ARE MMFD
DIODES ARE D-664

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC2894-3	DEC2894		
DEC1305	2N1305		
16J1	16J1		
D-003	IN994		
D-664	1N3606		

NOTES

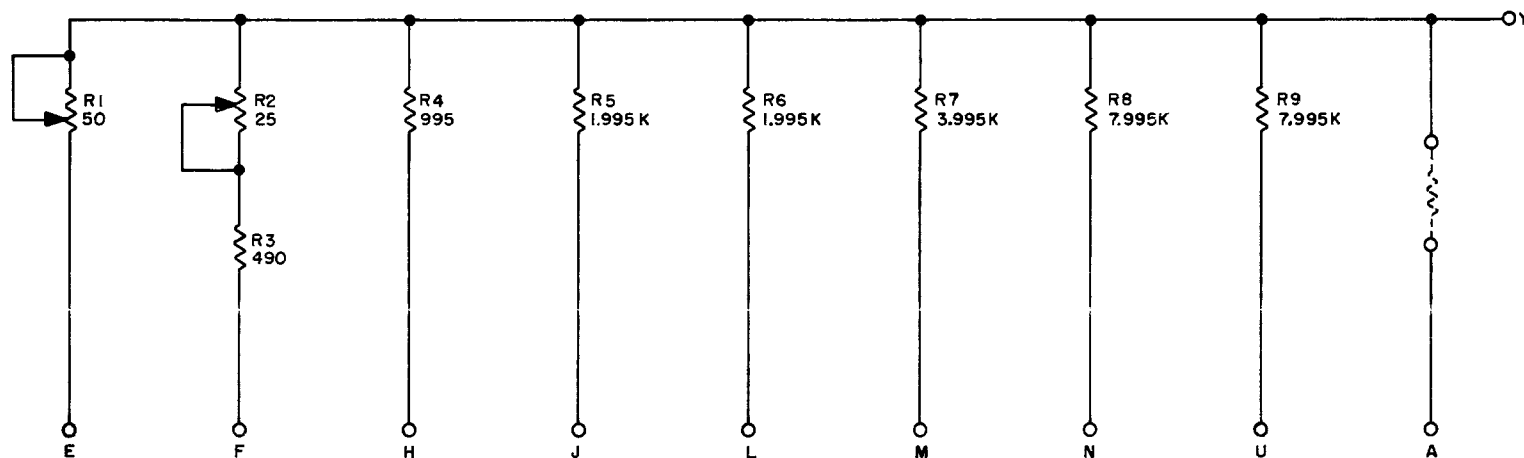
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
B										RS-B-1579										I					
FEED FORWARD 1579																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-158I



NOTES:

RESISTORS ARE ACI METAL FILM 2%, 25PPM/°C
TRIM POTS ARE CTS INFINIT RESOLUTION

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA

NOTES

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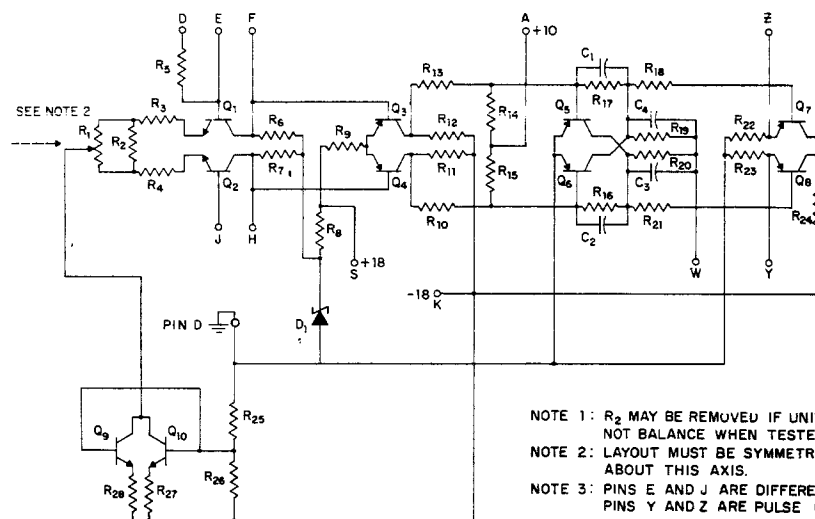
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
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RS-B-158I

STAR 158I

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS



NOTE 1: R₂ MAY BE REMOVED IF UNIT WILL NOT BALANCE WHEN TESTED.
 NOTE 2: LAYOUT MUST BE SYMMETRICAL ABOUT THIS AXIS.
 NOTE 3: PINS E AND J ARE DIFFERENTIAL INPUTS. PINS Y AND Z ARE PULSE OUTPUTS.

NOTE 4: R₂ IS TO BE MOUNTED ON BIFURCATED TERMINALS TO ALLOW FOR BALANCE ADJUSTMENT DESCRIBED IN NOTE 1.

PARTS LIST

DESIGNATION	DESCRIPTION	NO REQ
C ₁ , C ₂ , C ₃ , C ₄	51pf DIPPED SILVER MICA	4 ea.
D ₁	IN708 TRANSITRON 5.6 VZ	1 ea.
Q ₁ , Q ₂	GE 2N2480 DOUBLE TRANSISTOR	1 ea.
Q ₃ , Q ₄ , Q ₅ , Q ₆ , Q ₇ , Q ₈	DEC 1754	6 ea.
Q ₉ , Q ₁₀	FAIRCHILD 2N708	2 ea.
R ₁	20Ω BOURN TRIMPOT 200L-1-200	1 ea.
R ₂	5.1Ω A/B 1/4 W 5%	1 ea.
R ₃ , R ₄	75Ω A/B 1/4 W 5%	2 ea.
R ₅	1.1K, 5% 1/4 W	1 ea.
R ₆ , R ₇	1.6K A/B 1/2 W 5%	2 ea.
R ₈ , R ₉	1K A/B 1/2 W 5%	2 ea.
R ₁₀ , R ₁₃ , R ₁₄ , R ₁₅	47K A/B 1/4 W 5%	4 ea.
R ₁₁ , R ₁₂	2K A/B 1/2 W 5%	2 ea.
R ₁₆ , R ₁₇	4.3K A/B 1/4 W 5%	2 ea.
R ₁₉ , R ₂₀	1K A/B 1/2 W 5%	2 ea.
R ₁₈ , R ₂₁	1K A/B 1/4 W 5%	2 ea.
R ₂₂ , R ₂₅	200Ω A/B 1/2 W 5%	2 ea.
R ₂₄	51Ω A/B 1/2 W 5%	1 ea.
R ₂₅	3.9K A/B 1/4 W 5%	1 ea.
R ₂₆	2.2K A/B 1/4 W 5%	1 ea.
R ₂₇ , R ₂₈	3.9K A/B 1/2 W 5%	2 ea.
	DIGITAL EQUIP CO 1951 MODULE	1 ea.

TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA
DEC1754	2N1493A		
2N708	2N708		
2N2480	2N2480		
IN708 *	IN708 *		

NOTES

* TRANSITRON 5.6 VZ

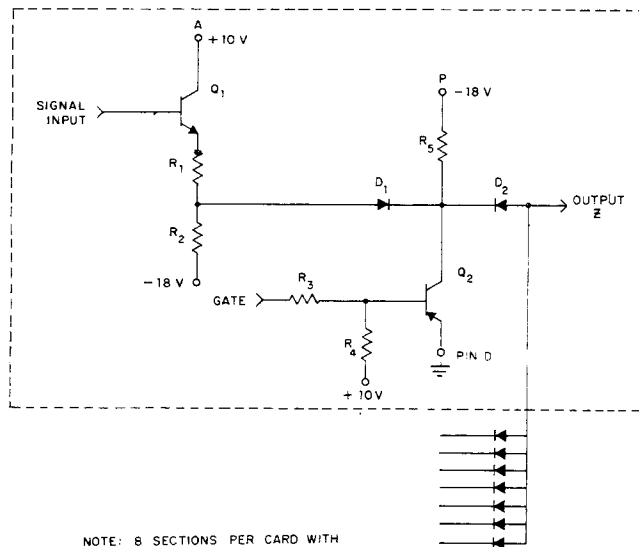
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RS-B-1582

LATCHING DIFFERENTIAL AMPLIFIER 1582

RS-B-1583-I



NOTE: 8 SECTIONS PER CARD WITH
OUTPUTS IN PARALLEL

PARTS LIST		
DESIGNATION	DESCRIPTION	NO REQ
D ₁ D ₂	D-664	16 ea
R ₁	15K A/B 1/4 W 5%	8 ea
R ₂	20K A/B 1/2 W 5%	8 ea
R ₃	3K A/B 1/4 W 5%	8 ea
R ₄	30K A/B 1/2 W 5%	8 ea
R ₅	5K CORNING C20 1/2 W 2%	8 ea
Q ₁	2N708	8 ea
Q ₂	DEC1754	8 ea
DIGITAL EQUIP CO. 1951 MODULE		1 ea

SECTION	SIG INPUT	GATE
1	E	F
2	H	J
3	K	L
4	M	N
5	R	S
6	T	U
7	V	W
8	X	Y

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D-664	IN3806		
2N708	2N708		
DEC1754	2N1494A		

NOTES

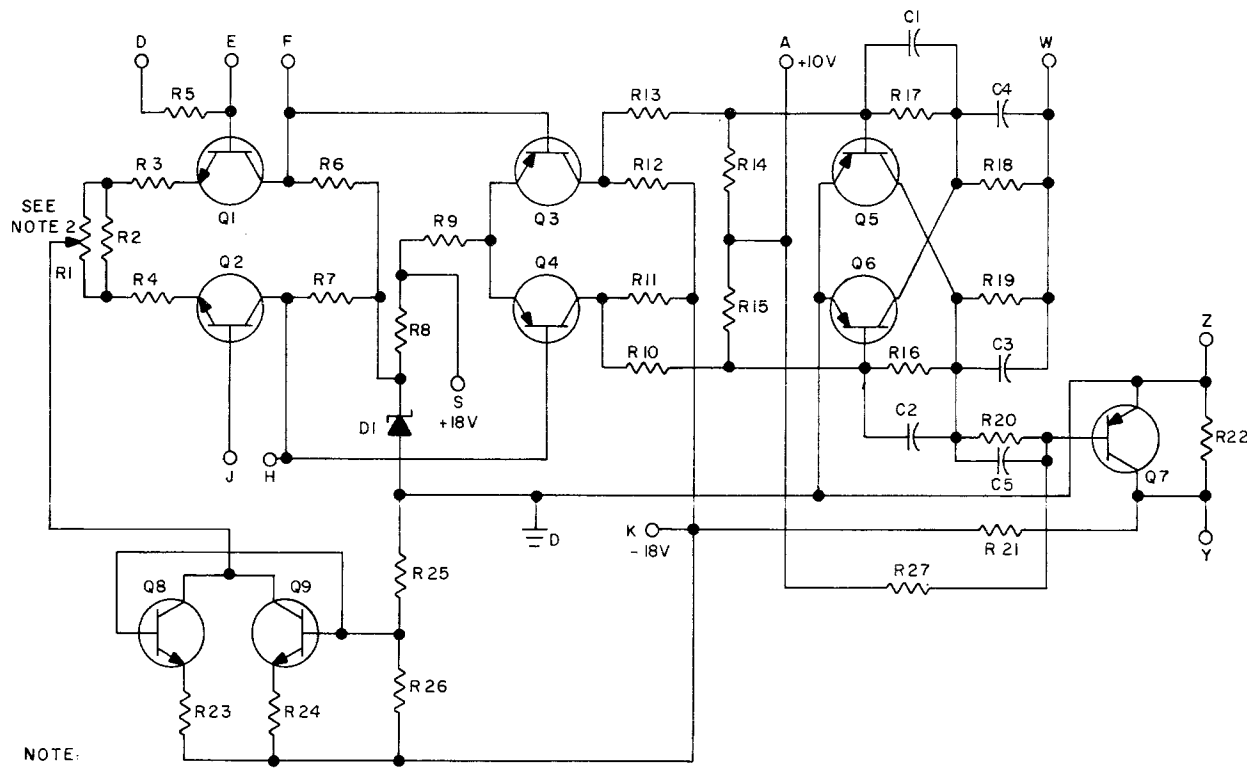
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
													RS-B-1583										1		
MULTIPLEXER 1583																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1584



NOTE:

1. R2 MAY BE REMOVED IF UNIT WILL NOT BALANCE WHEN TESTED.
2. LAYOUT MUST BE SYMMETRICAL ABOUT THIS AXIS.
3. PINS E & J ARE DIFFERENTIAL INPUTS. PIN Y IS PULSE OUTPUT.
4. R2 IS TO BE MOUNTED ON BIFURCATED TERMINALS TO ALLOW FOR BALANCE ADJUSTMENT DESCRIBED IN NOTE 1.

PARTS LIST

DESIG.	DESCRIPTION	NO. REQ.
C1,C2 C3,C4,C5	51 MMFD DIPPED SILVER MICA	4 ea.
D1	IN708 TRANSISTOR 5.6VZ	1 ea.
Q1, Q2	GE 2N2480 DOUBLE TRANSISTOR	1 ea.
Q3,Q4,Q5 Q6,Q7	GEN. INST. 2N1499 A	5 ea.
Q8,Q9	FAIRCHILD 2N708	2 ea.
R1	20 BOURN TRIMPOT 200L-1-200	1 ea.
R2	5.1 A/B 1/4W 5%	1 ea.
R3,R4	75 A/B 1/4W 5%	2 ea.
R5	1,100 1/4 5%	1 ea.
R6,R7	1,600 A/B 1/2W 5%	2 ea.
R8,R9	1,000 A/B 1/2W 5%	2 ea.
R10,R13 R14,R15	47,000 A/B 1/4W 5%	4 ea.
R11,R12	2,000 A/B 1/2W 5%	2 ea.
R16,R17	4,300 A/B 1/4W 5%	2 ea.
R18,R19	1,000 A/B 1/2W 5%	2 ea.
R20	1,000 A/B 1/4W 5%	2 ea.
R21	3,300 A/B 1/2W 5%	1 ea.
R22	1,500 A/B 1/2W 5%	1 ea.
R23,R24	3,900 A/B 1/2W 5%	2 ea.
R25	3,900 A/B 1/4W 5%	1 ea.
R26	2,200 A/B 1/4W 5%	1 ea.
R27	30,000 A/B 1/2W 5%	1 ea.

TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA
IN708	IN 708		
2N708	2N708		
2N1499A	2N1499A		
2N2480	2N2480		

NOTES

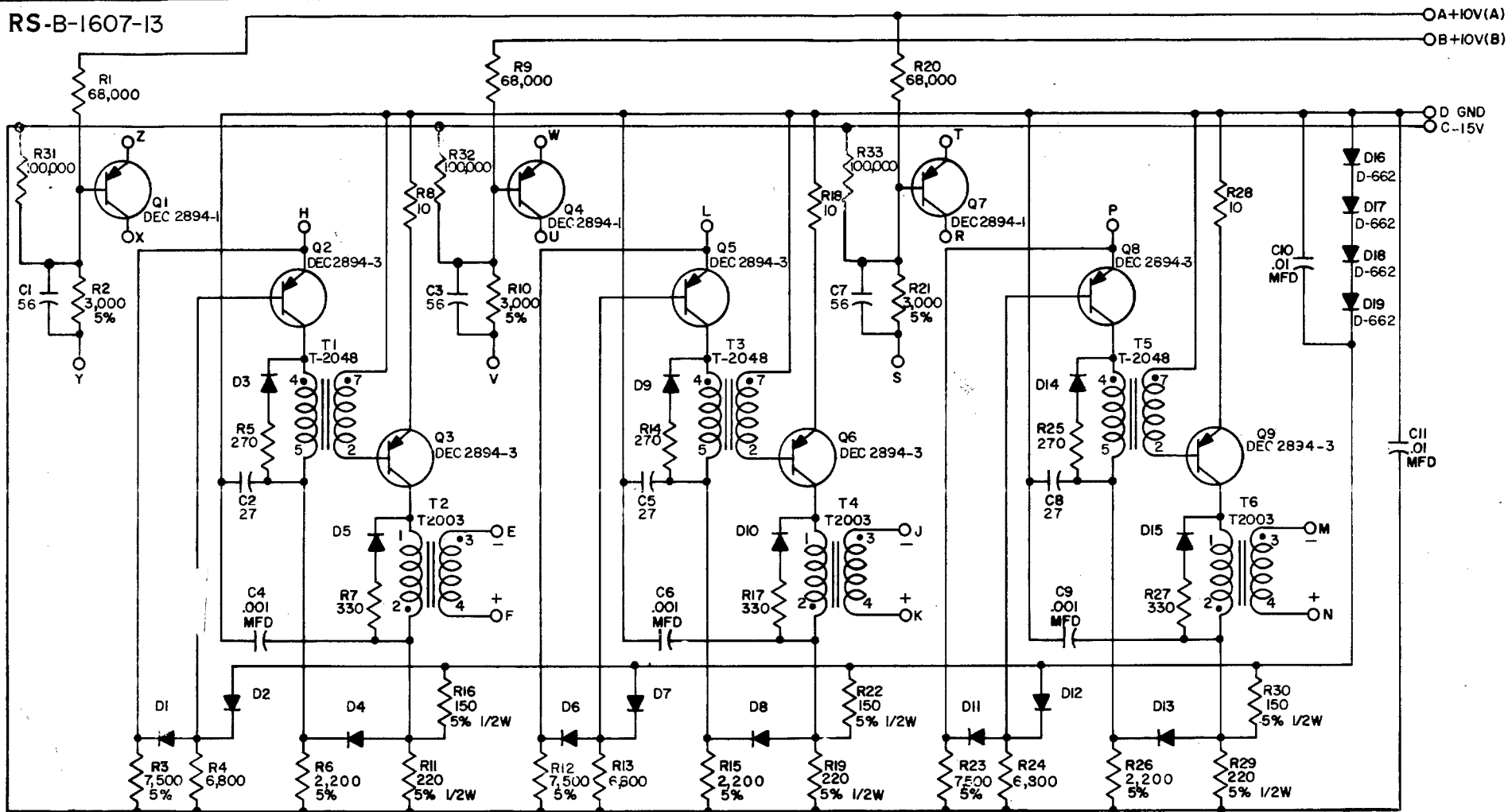
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A RS-B-1584		
LATCHING DIFFERENTIAL AMPLIFIER 1584		

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1607-13



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W. 10 %
CAPACITORS ARE MMFD
DIODES ARE D-664

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-1	DEC 2894		
DEC 2894-3	DEC 2894		
D-664	1N914		
D-662	1N645		

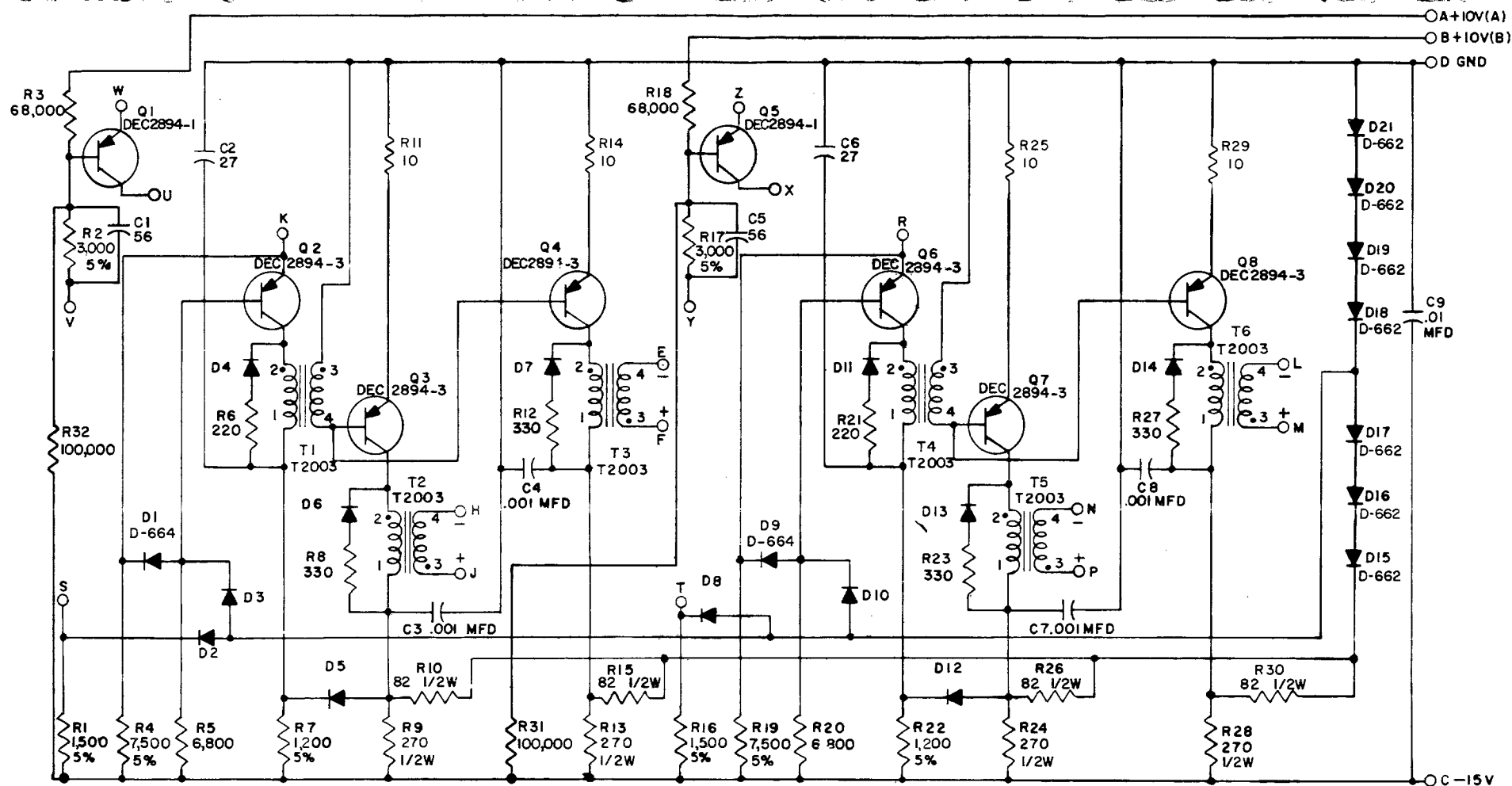
NOTES

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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z											
F		RS-B-1607								13	
PULSE AMPLIFIER 1607											

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS



TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA
DEC 2894-1	NONE		
DEC 2894-3	NONE		
D-664	1N3606		
D-662	1N645		

NOTES

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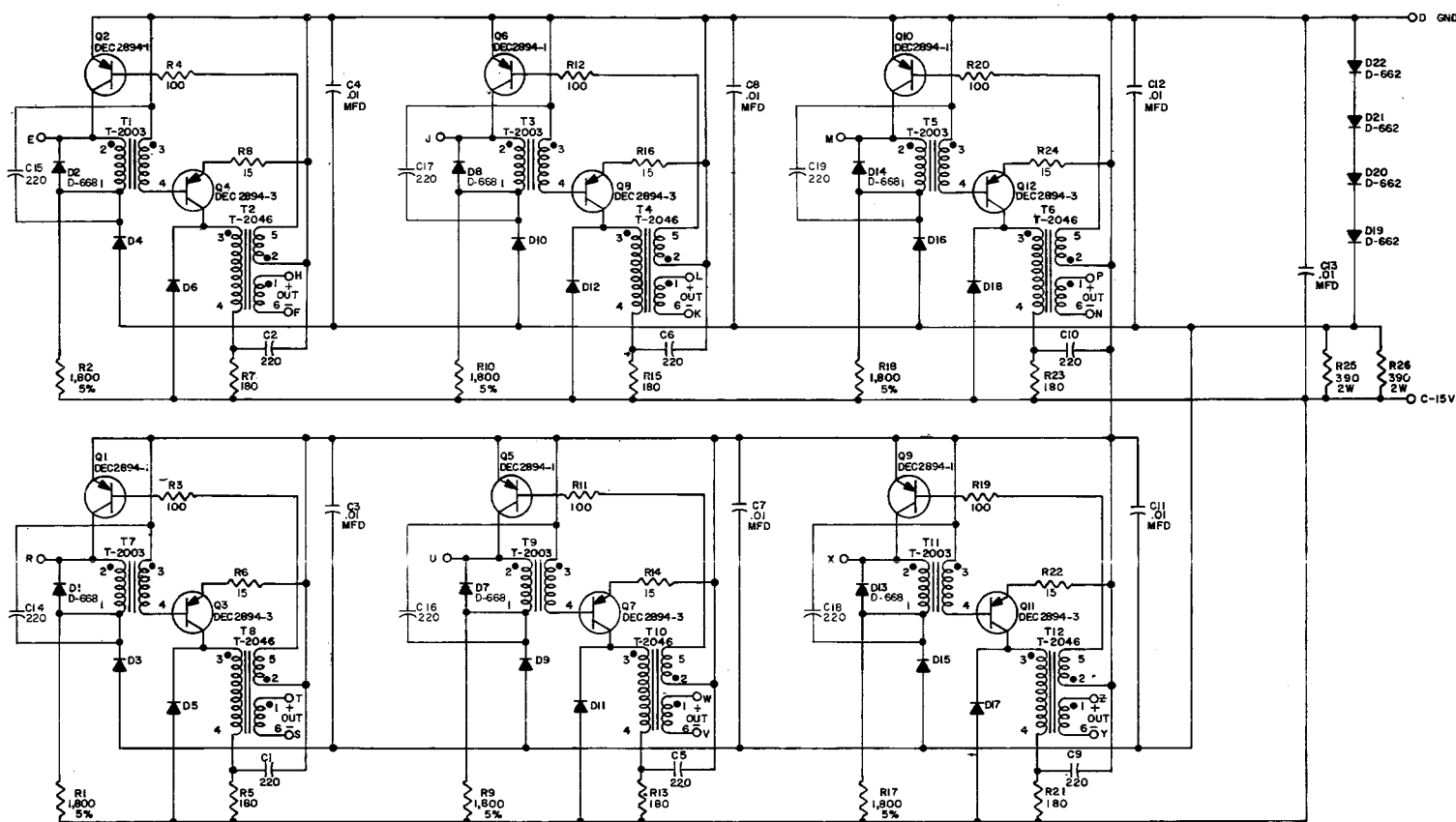
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36

D

RS-B-1608

9

PULSE AMPLIFIER 1608



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 10%
CAPACITORS ARE MMFD
DIODES ARE D-664

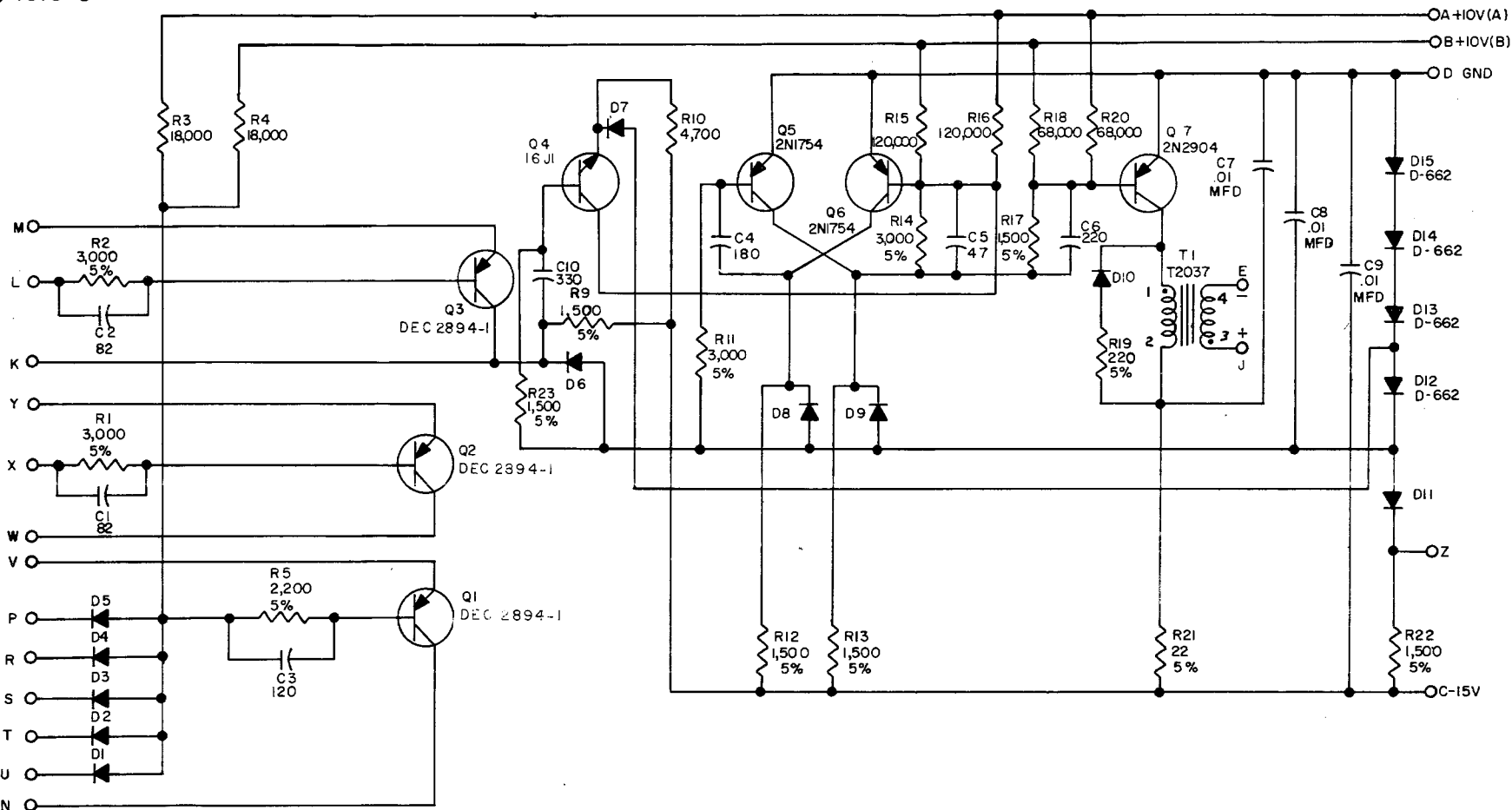
TRANSISTOR & DIODE CONVERSION CHART			
Q	Q	Q	Q
Q1	Q2	Q3	Q4
Q5	Q6	Q7	Q8
Q9	Q10	Q11	Q12
Q13	Q14	Q15	Q16
Q17	Q18	Q19	Q20
Q21	Q22	Q23	Q24
Q25	Q26	Q27	Q28
Q29	Q30	Q31	Q32

NOTES
* 2(TWO) IN 3606 IN SERIES

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SEPTEMBER 1965 BY DIGITAL EQUIPMENT CORPORATION

REVISIONS		
NO.	DESCRIPTION	DATE
1	RS-C-1609	9/65
2	TO MANOSECOND PULSE AMPLIFIER 1609	

RS-1616-9



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 10%
DIODES ARE D-003
CAPACITORS ARE MMFD

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D-003	IN994	2N2904	2N2904
D-662	IN645	16 J1	16 J1
DEC 2894-1	DEC 2894		
2N1754	2N1754		

NOTES

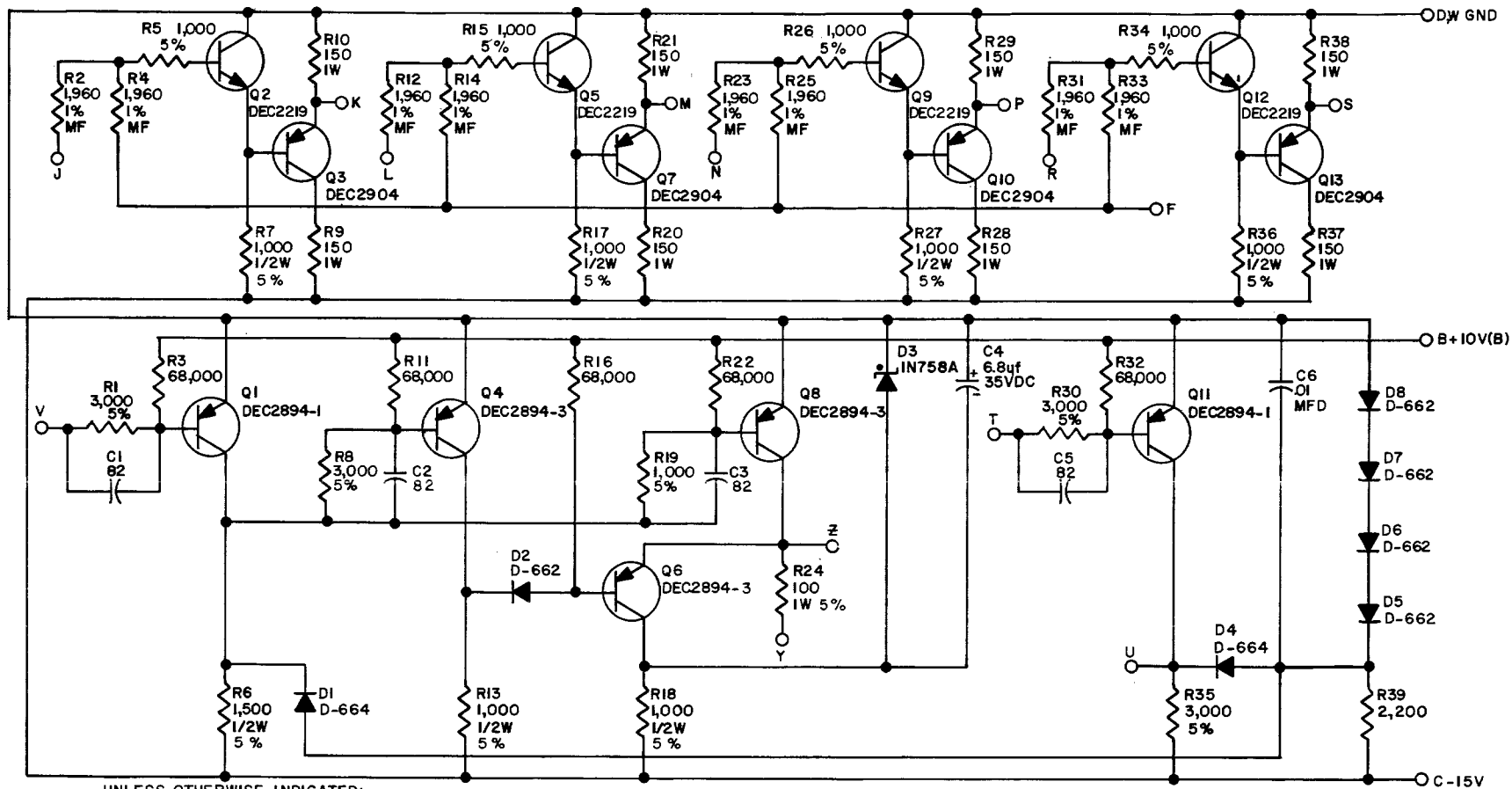
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
D													RS-1616								9				
PULSE AMPLIFIER 1616																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS- B-1663-5



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 10%
CAPACITORS ARE MMFD
MF RESISTORS ARE 1/8W WITH T-O CHARACTERISTIC

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC2894-1	NONE	D-662	IN7506
DEC2894-3	NONE	IN758A	IN758A 10V
DEC2904	2N2904		
DEC2219	2N2219		
D-662	IN7506		

NOTES

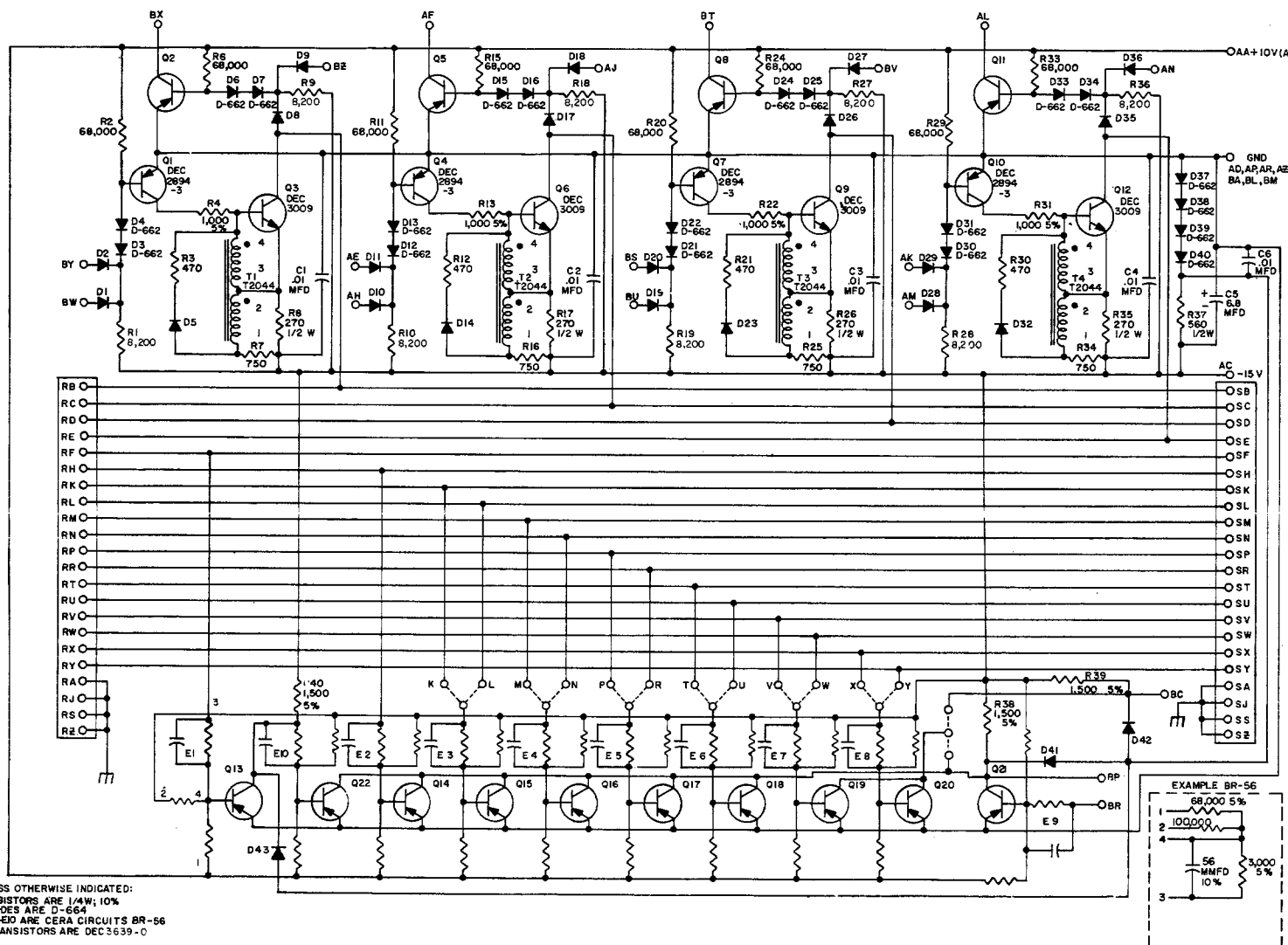
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0																									
C													RS-B-1663										5		
DISPLAY CABLE DRIVER 1663																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-C-1664-5



TRANSISTOR & DIODE CONVERSION CHART			
DEC	IX	DEC	IX
DEC 3638	2N3638		
DEC 3639	2N3639		
D-664	1N914		
D-662	1N914		
DEC 2894-3	DEC 2894		

NOTES

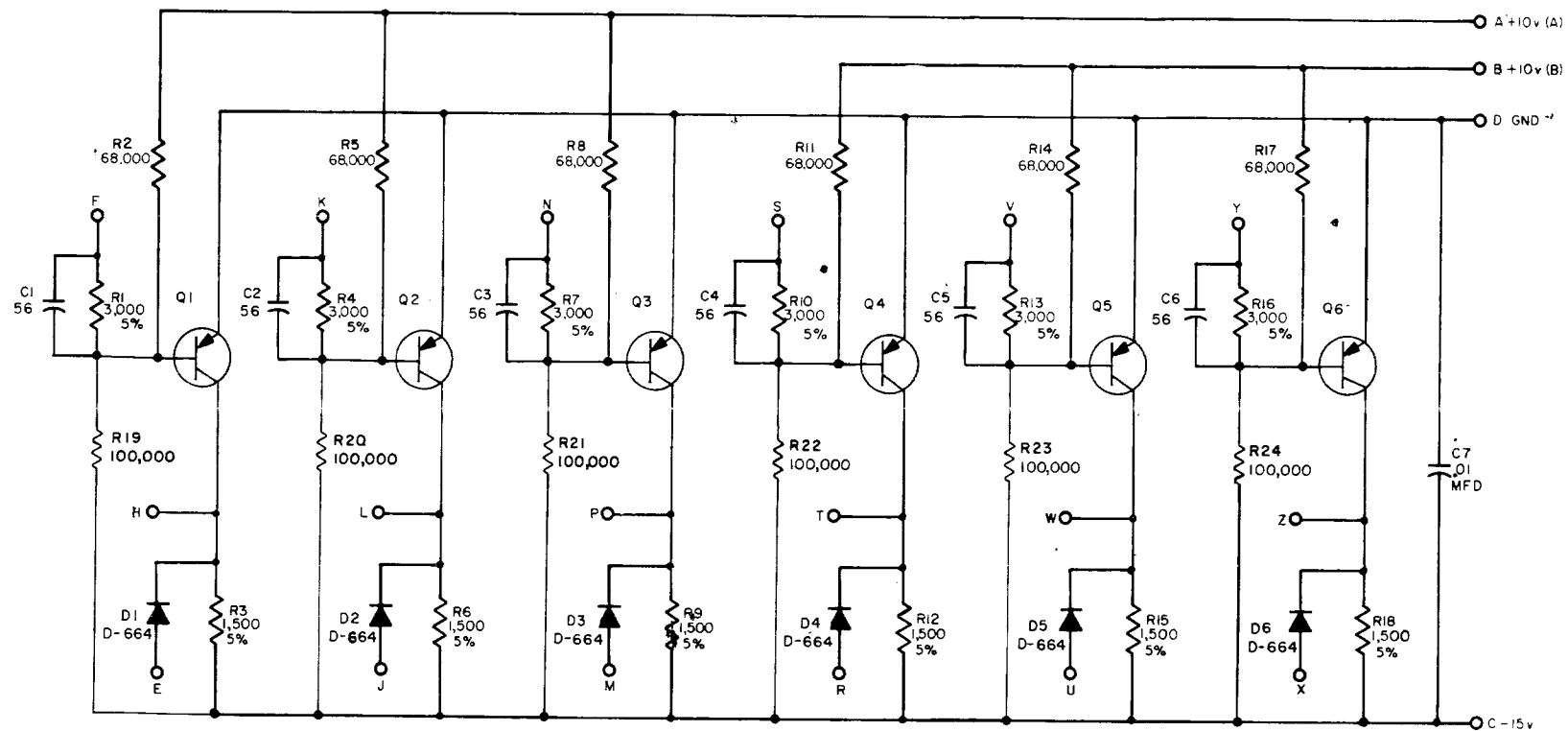
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J	RS-C-1664	5
MEMORY BUS CONTROL 1664		

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1667-10



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W; 10%
CAPACITORS ARE MMFD
TRANSISTORS ARE DEC 2894-3

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-3	DEC 2894		
D-664	IN3605		

NOTES:

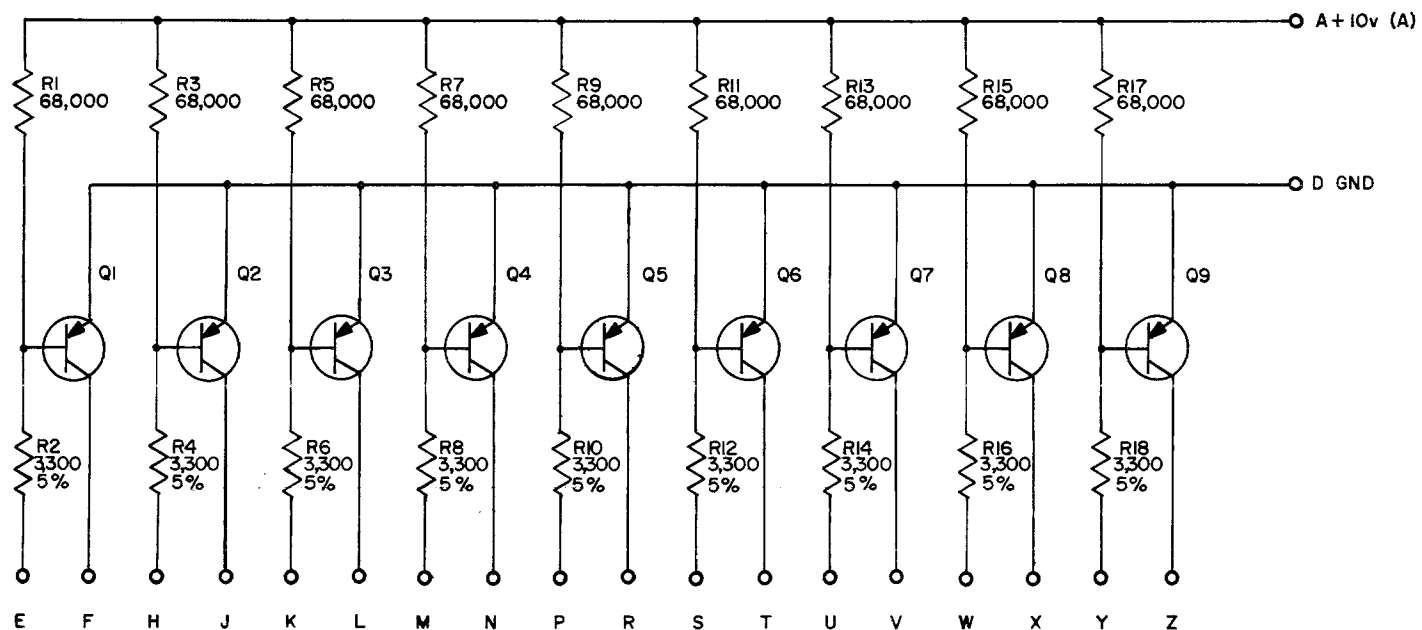
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< 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 >			
E	RS-B-1667	10	
LEVEL AMPLIFIER 1667			

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1669-5



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W; 10%
TRANSISTORS ARE 4JXIC741

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
4JXIC741	2N527		

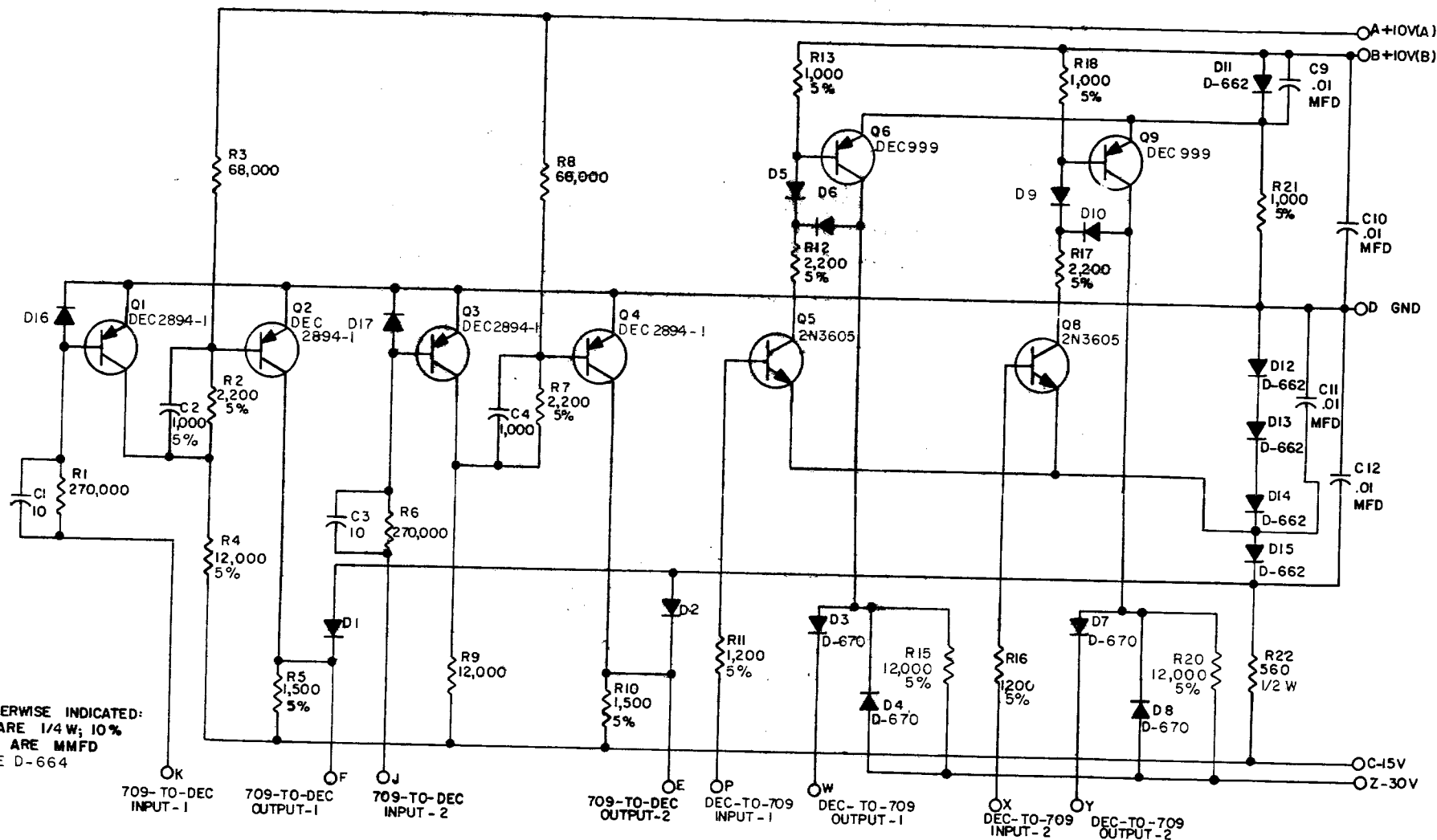
NOTES

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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
A,B,C,D													RS-B-1669										5		
INDICATOR DRIVER 1669																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-I	NONE	D-670	1N 3653
DEC 999	MM999		
2N3605	2N3605		
D-662	1N 645		
D-664	1N 3606		

NOTES

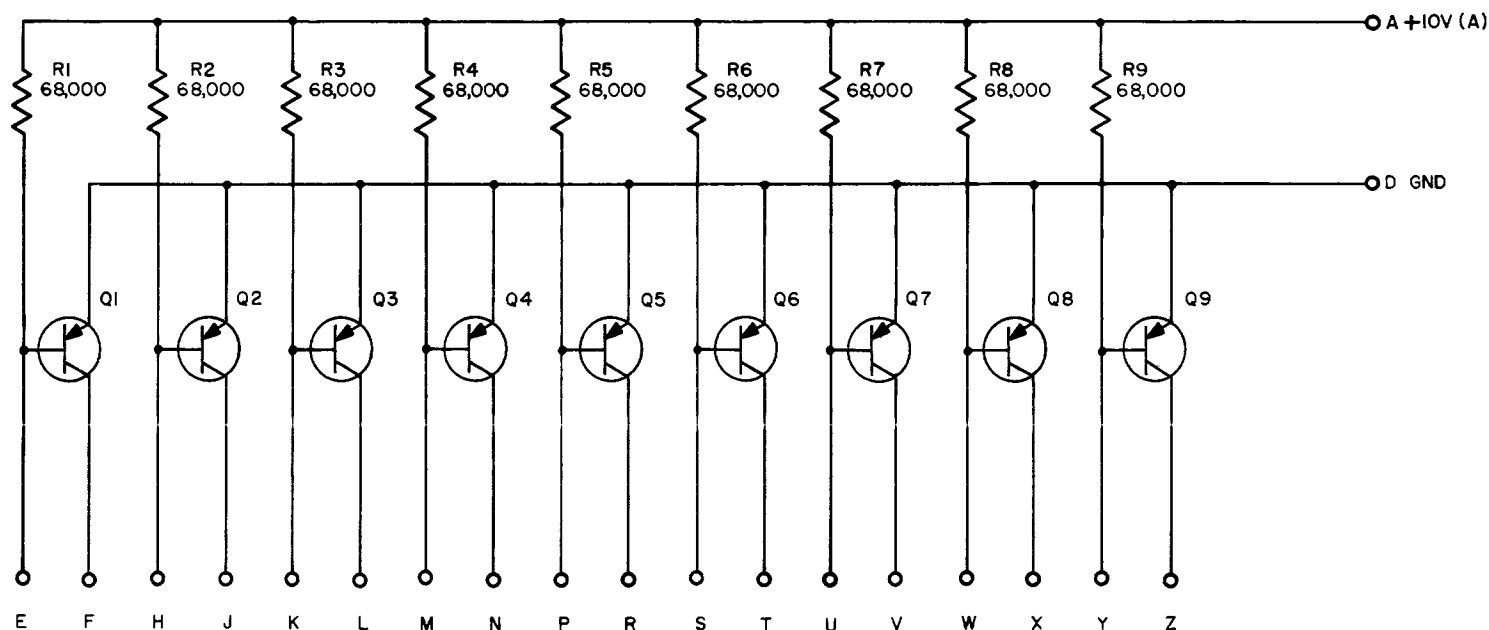
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C			RS-1672	8
709 CONVERTER 1672				

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1675-5



UNLESS OTHERWISE INDICATED:
TRANSISTORS ARE 4JXIC741
RESISTORS ARE 1/4 W; 10%

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
4JXIC741	2N527		

NOTES

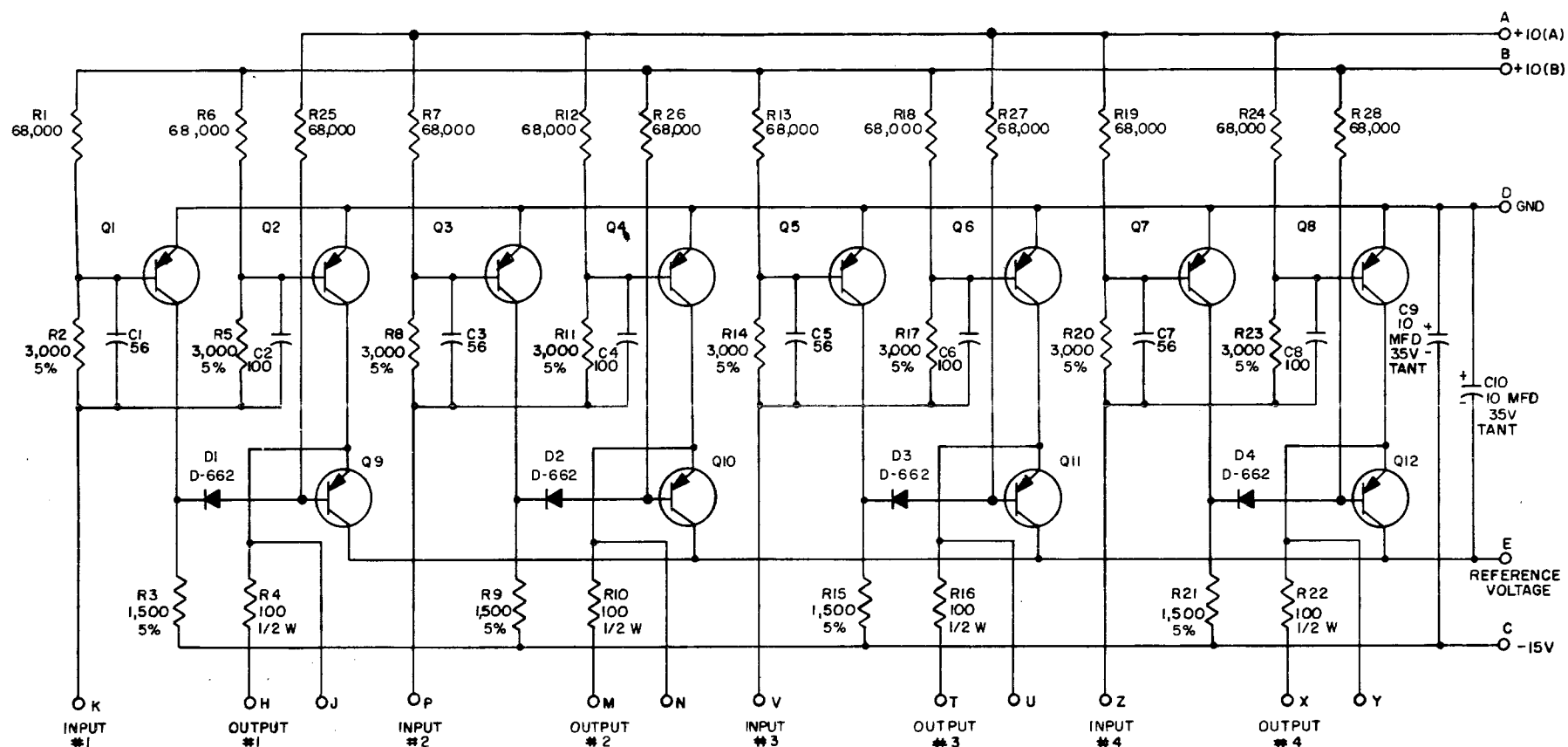
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z		
A,B,C,E	RS-B-1675	5
INDICATOR DRIVER REMOTE 1675		

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1677-5



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W; 10 %
CAPACITORS ARE MMFD
TRANSISTORS ARE DEC2894-3

[illegible]

NOTES

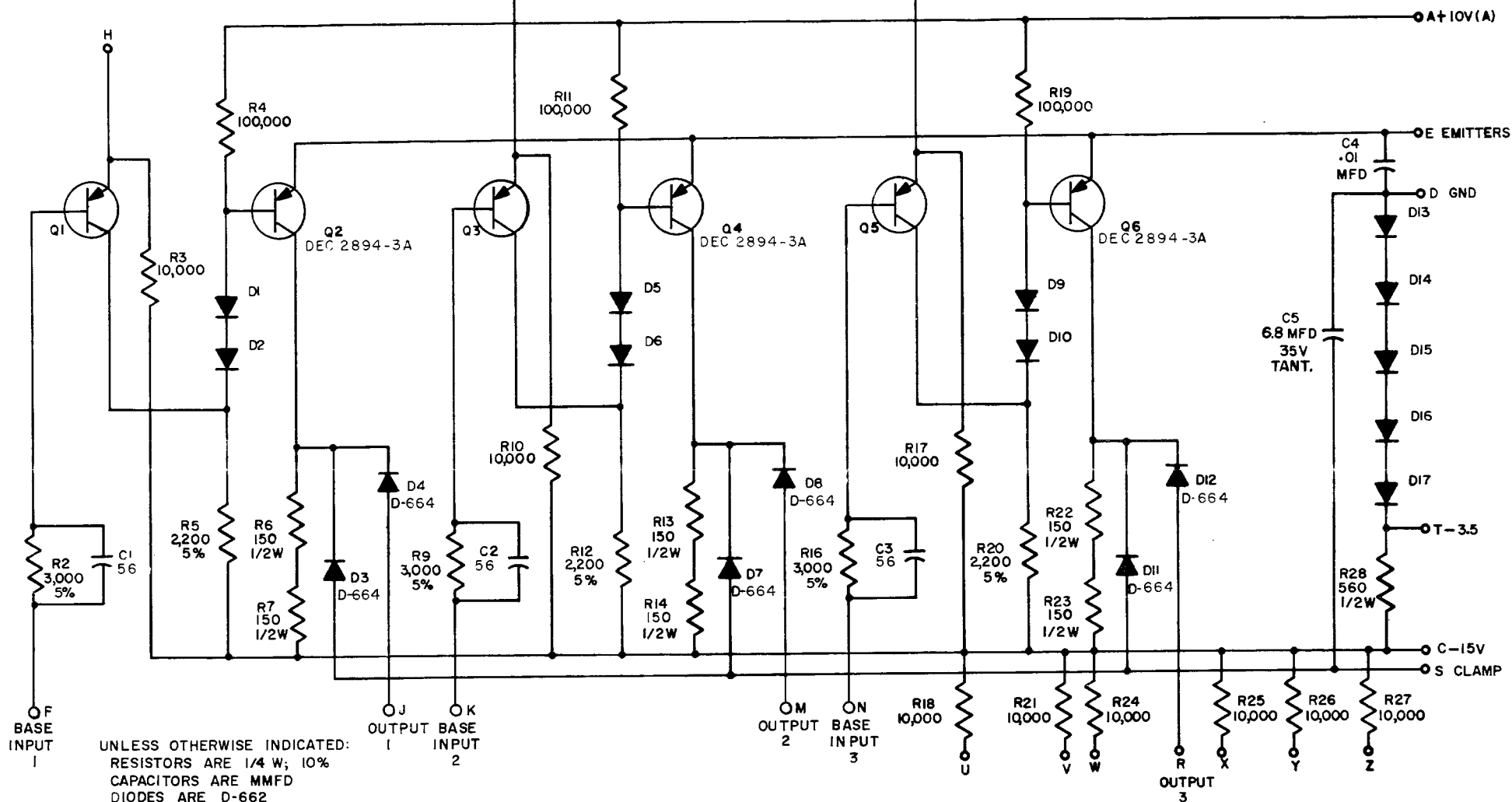
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
F										RS-B-1677										5					
LEVEL AMPLIFIER 1677																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

NS-1678-B



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-1B	NONE		
DEC 2894-3A	NONE		
D-664	1N3606		
D-662	1N945		

NOTES

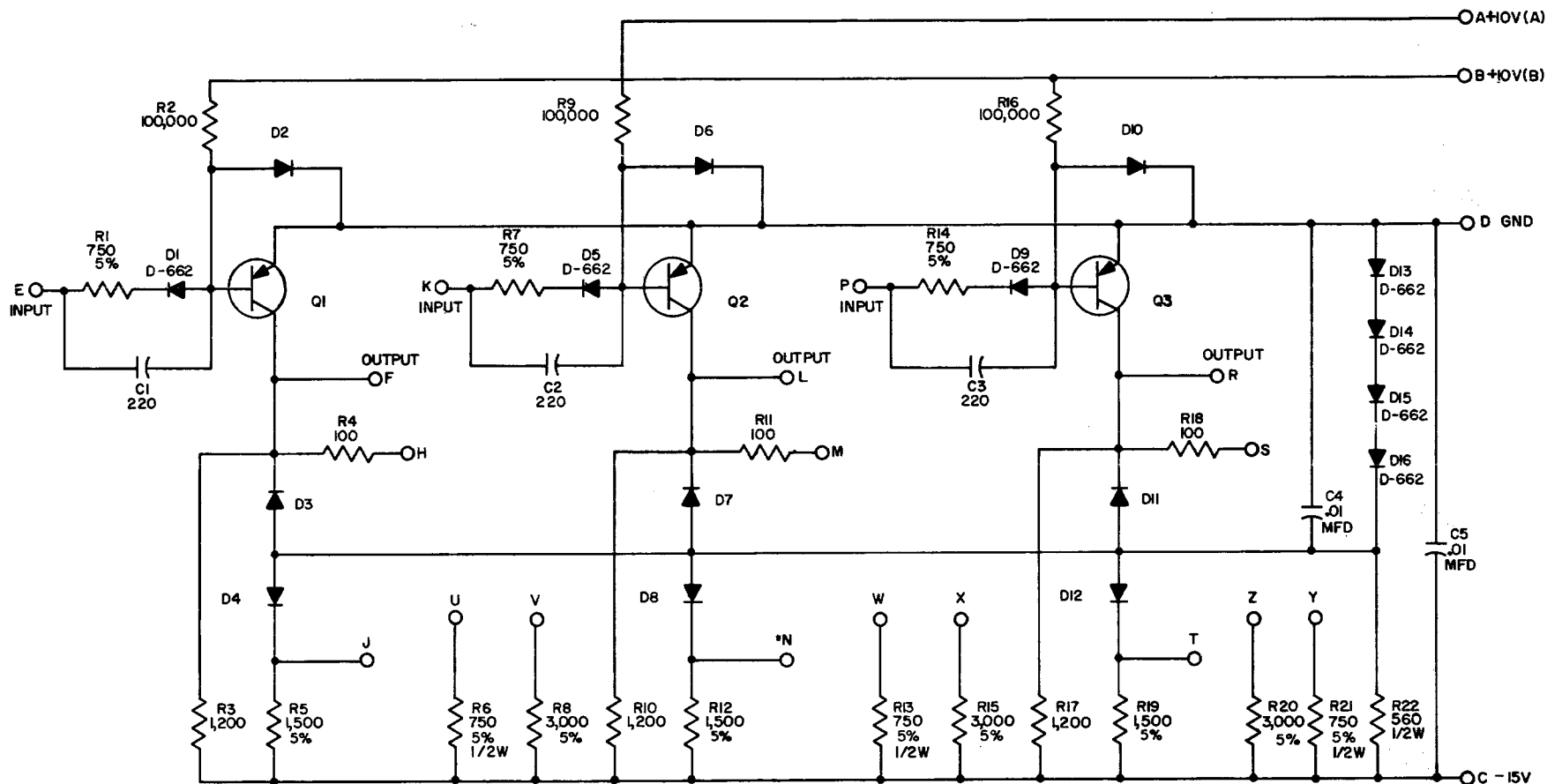
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
E										RS-1678										8					
BUS DRIVER 1678																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1681-6



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 10%
CAPACITORS ARE MMFD
DIODES ARE D-664
TRANSISTORS ARE DEC 2894-2

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-2	DEC 2894		
D-664	IN914		
D-662	IN645		

NOTES

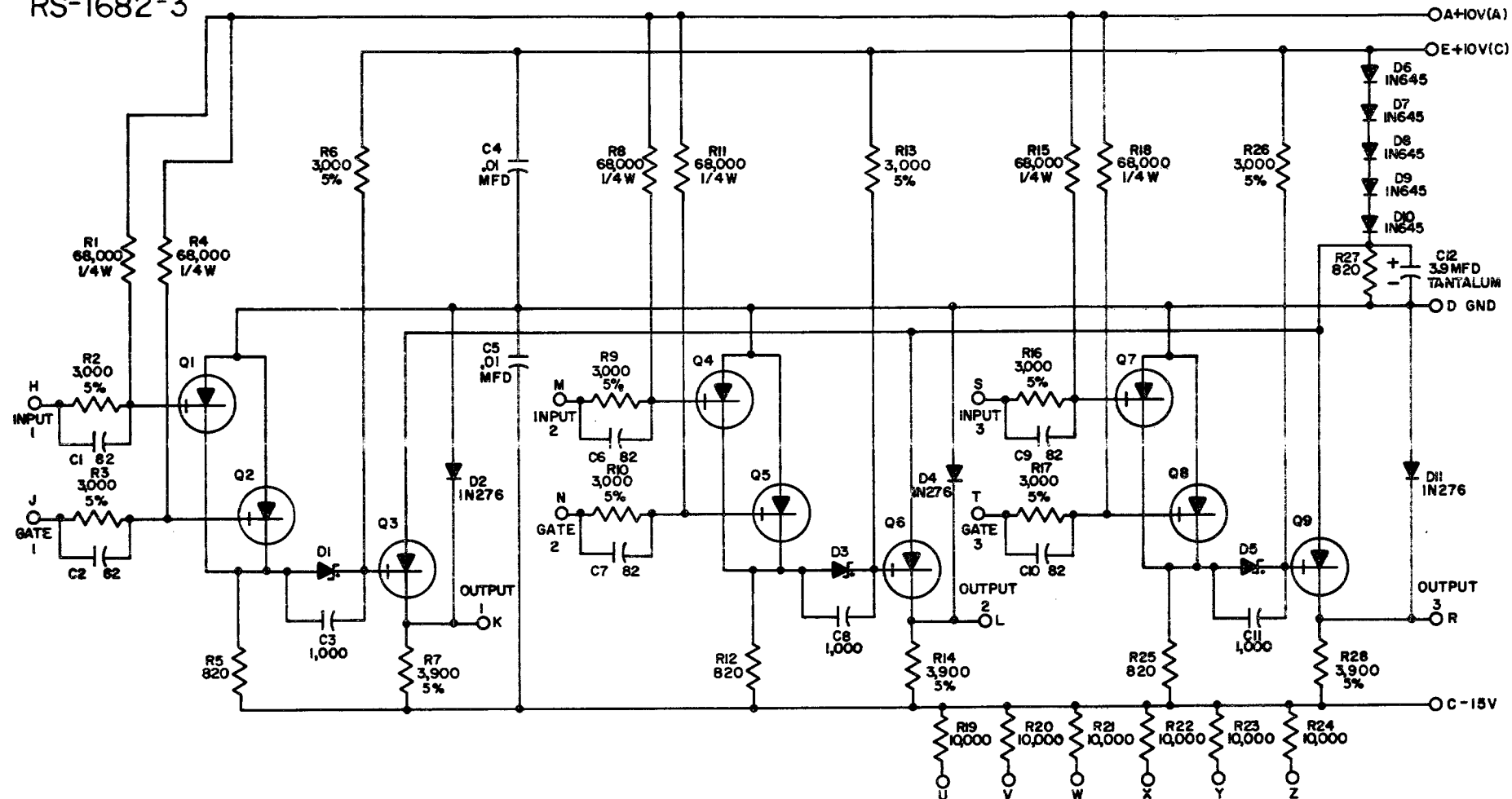
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
A							RS-B-1681												6						
POWER INVERTER 1681																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-1682-3



UNLESS OTHERWISE INDICATED:

RESISTORS ARE 1/2 W, 10%

CAPACITORS ARE MMFD

Q1, Q2, Q4, Q5, Q7, Q8 ARE 2N1427

Q3, Q6, Q9 ARE 2N1301

D1, D3, AND D5 ARE TRANSISTRON IN764 9.1V $\pm$ 10%

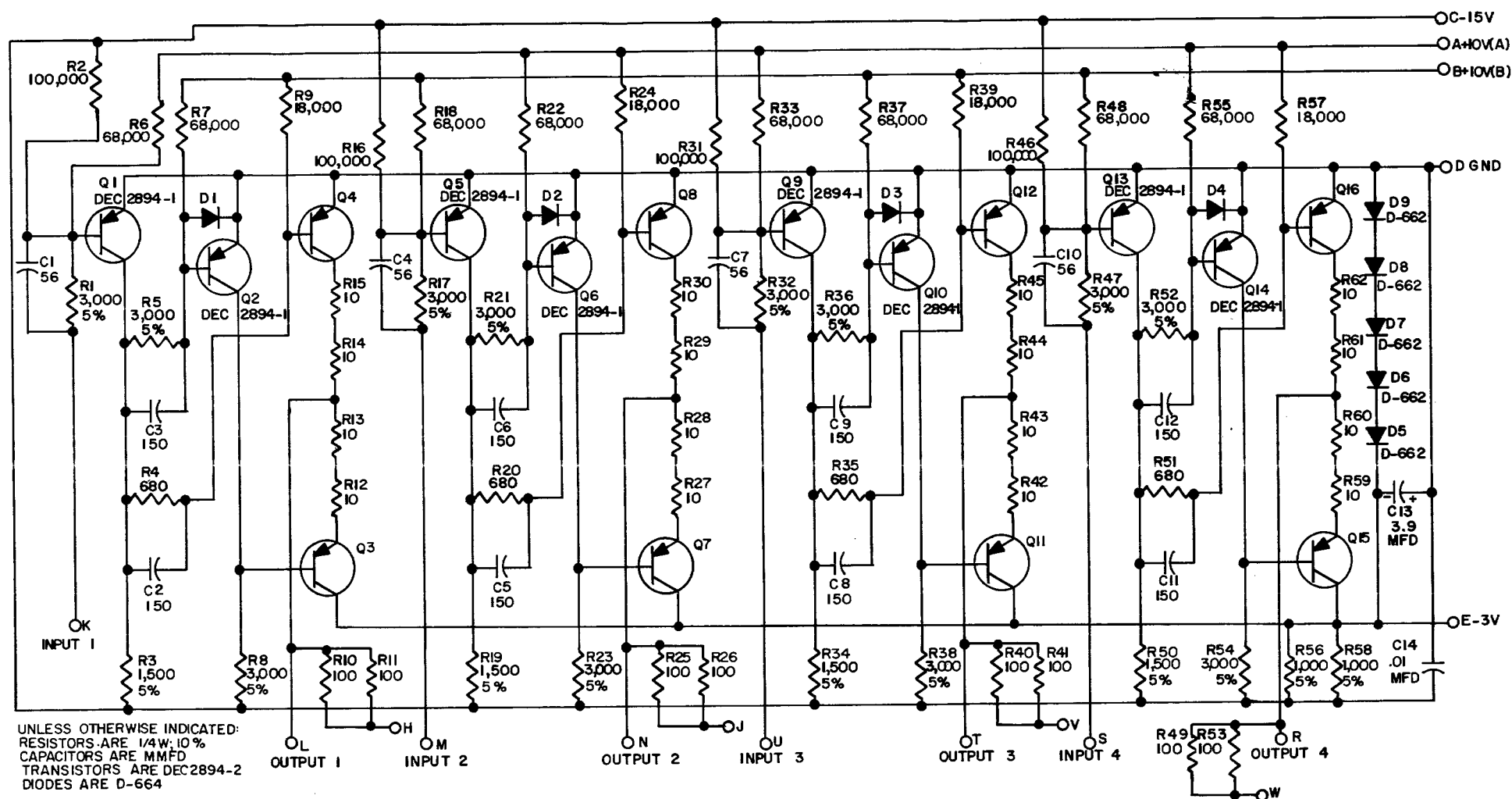
BUS DRIVER 1682 (A) RS-1682-3

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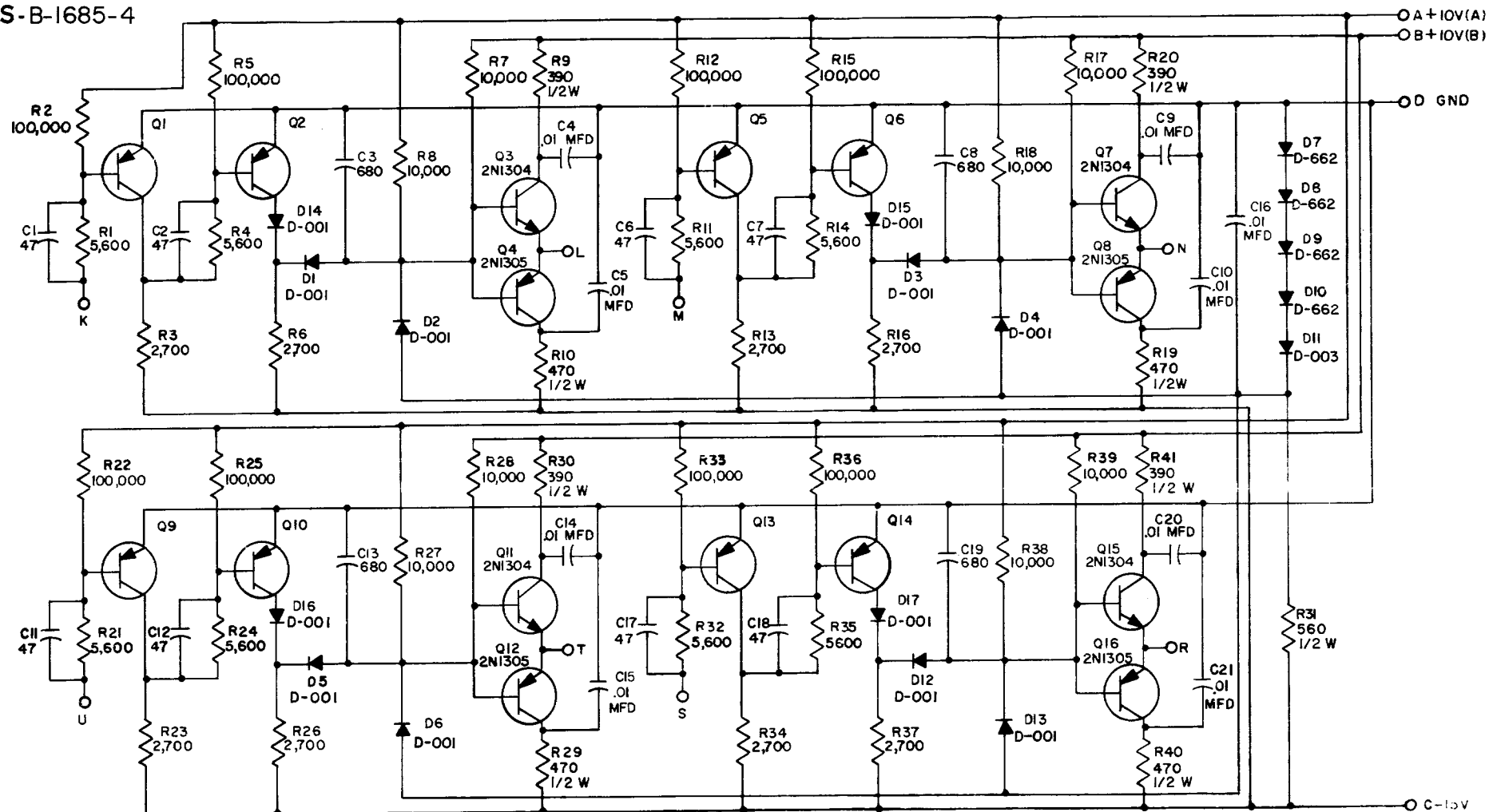
RS-B-1684-9



TRANSISTOR & DIODE CONVERSION CHART				NOTES	THIS SCHEMATIC IS FURNISHED ONLY FOR TEST AND MAINTENANCE PURPOSES. THE CIRCUITS ARE PROPRIETARY IN NATURE AND SHOULD BE TREATED ACCORDINGLY.	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
DEC	EIA	DEC	EIA																												
DEC2894-1	DEC 2894																														
DEC2894-2	DEC 2894																														
D-664	IN914																														
D-662	IN645																														
						F R S-B-1684 9																									
						BUS DRIVER 1684																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1685-4



UNLESS OTHERWISE INDICATED:

RESISTORS ARE 1/4 W; 10 %

CAPACITORS ARE MMFD

TRANSISTORS ARE DEC2894-1

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC2894-1	DEC2894	D-662	IN645
2N1304	2N1304		
2N1305	2N1305		
D-001	1N276		
D-003	1N994		

NOTES

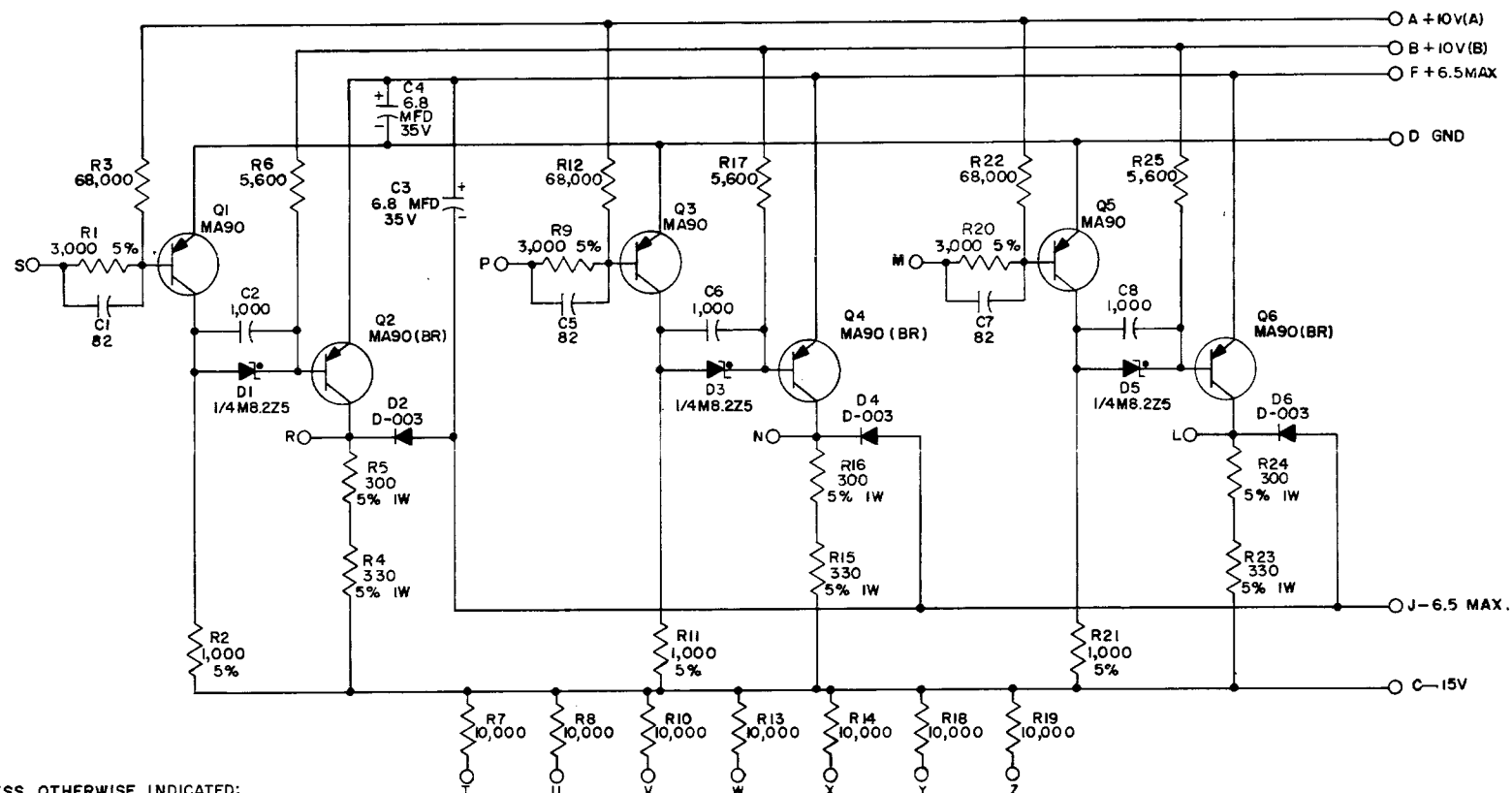
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
B									RS-B-1685												4					
BUS DRIVER 1685																										

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1687-3



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/2W; 10%
CAPACITORS ARE MMFD

TRANSISTOR & DIODE CONVERSION CHART			
DEC		EIA	
MA90		2N2451	
MA90(BR)		2N2451 *	
D-003		1N994	
1/4M8.2Z5		1/4M8.2Z5	

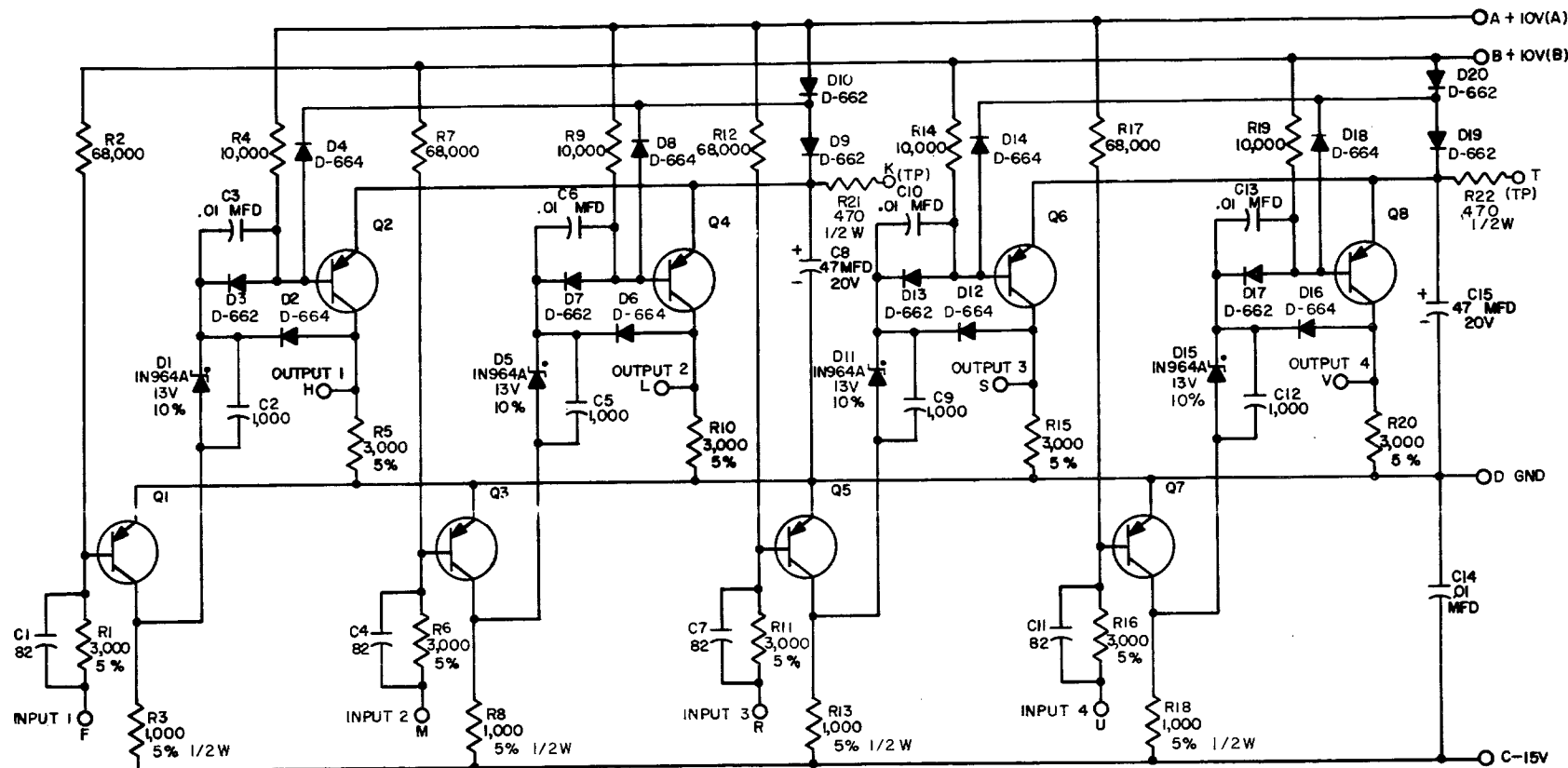
NOTES * TESTED FOR ICES < 10ua @ 15V

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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
A													RS-B-1687										3		
LEVEL AMPLIFIER 1687																									

RS-1689-3



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W, 10%
CAPACITORS ARE MMFD
TRANSISTORS ARE DEC 2894-3

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D-662	IN645		
D-664	IN914		
IN964A	IN964A		
DEC 2894-3	NONE		

NOTES

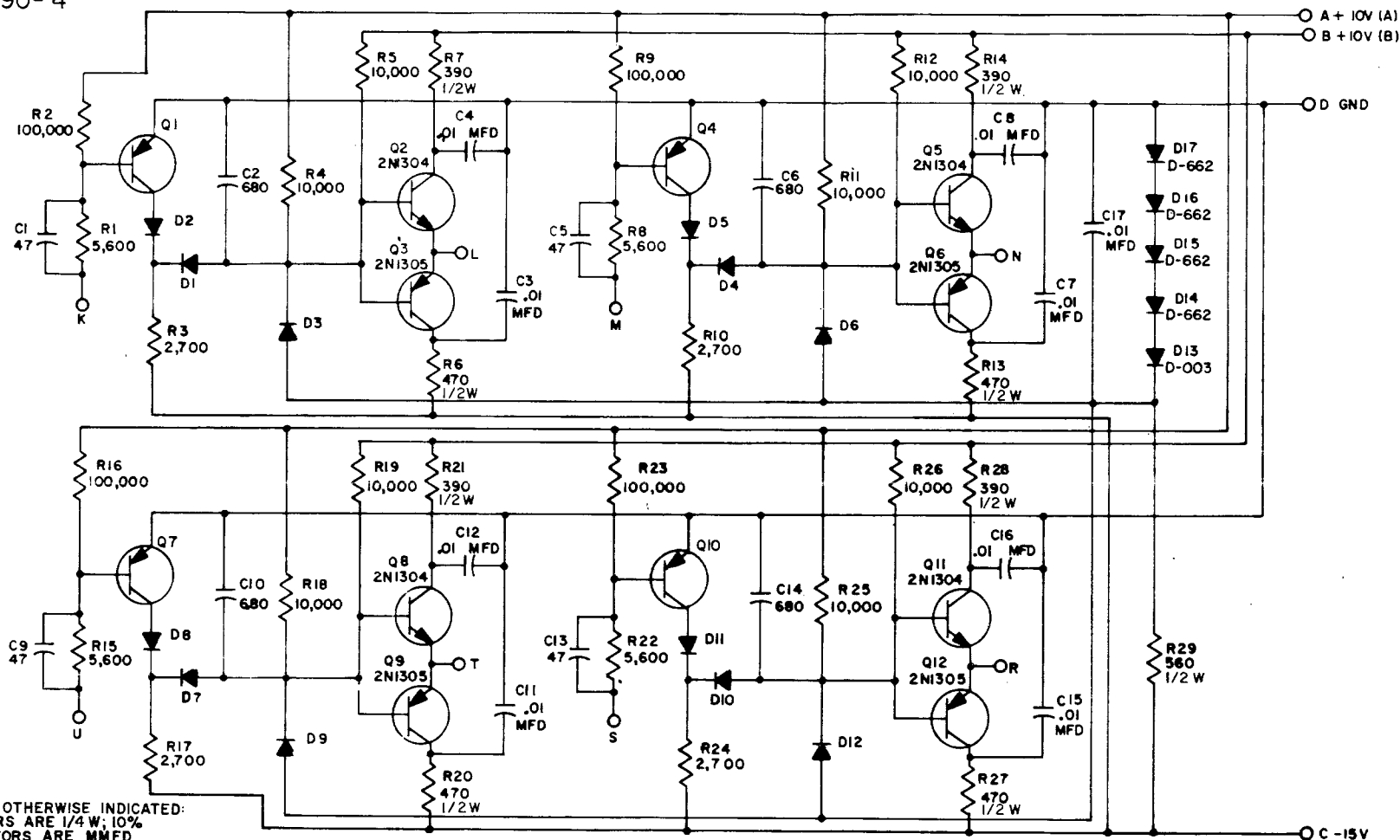
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C RS-1689 3		
DEC TO 7090 CONVERTER 1689		

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1690-4



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC2894-1	DEC2894	D-662	1N662
2N1304	2N1304		
2N1305	2N1305		
D-003	1N662		

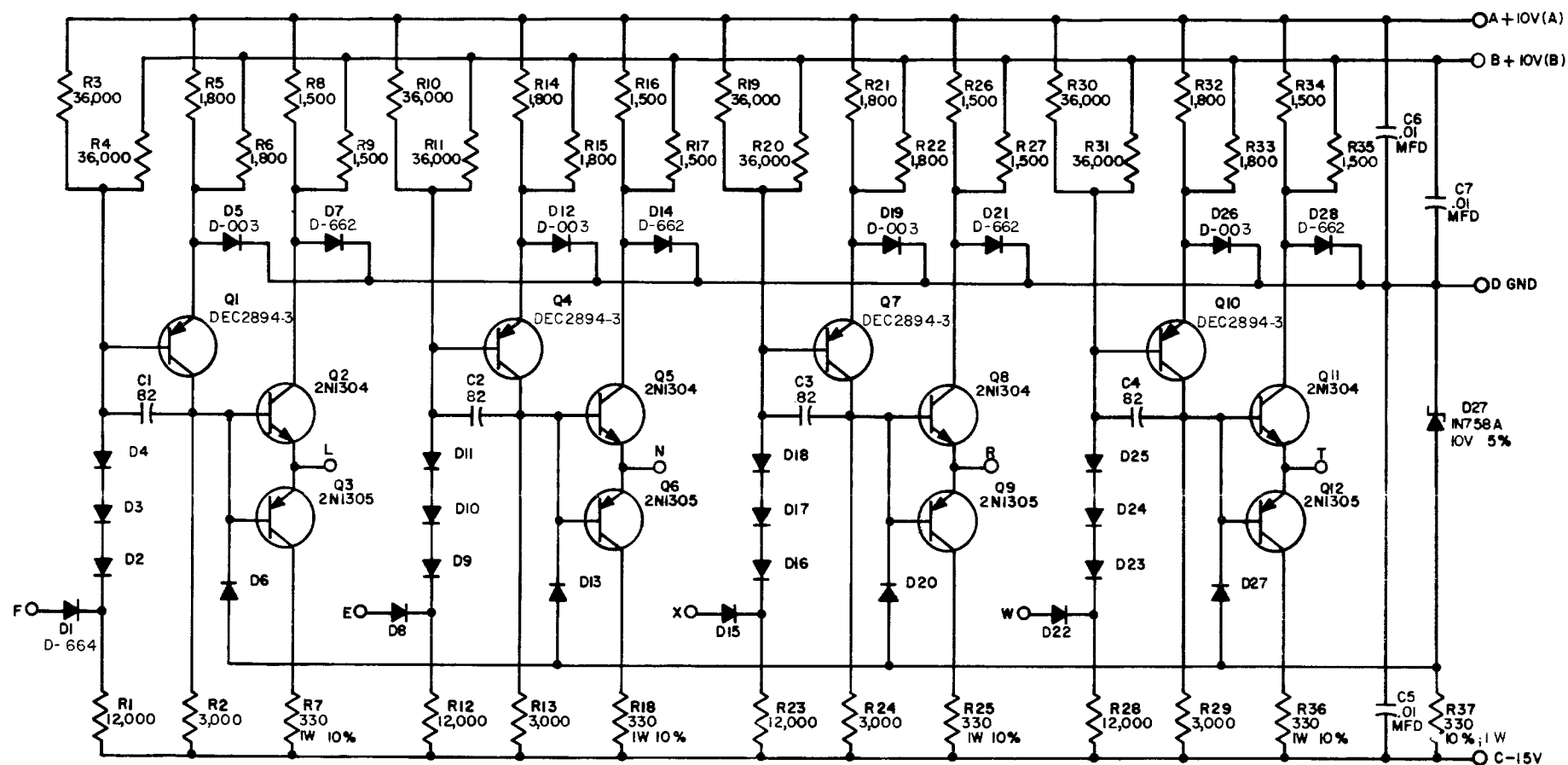
NOTES

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◀ ◻ ▶															
B				RS-B-1690								4			
BUS DRIVER 1690															

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS



UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 1/4 W; 5%
 CAPACITORS ARE MMFD
 DIODES ARE D-664

TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA
DEC 2894-3	NONE	D-003	1N994
2N1305	2N1305	IN758A	IN758A
2N1304	2N1304		
D-662	1N645		
D-664	1N3606		

NOTES

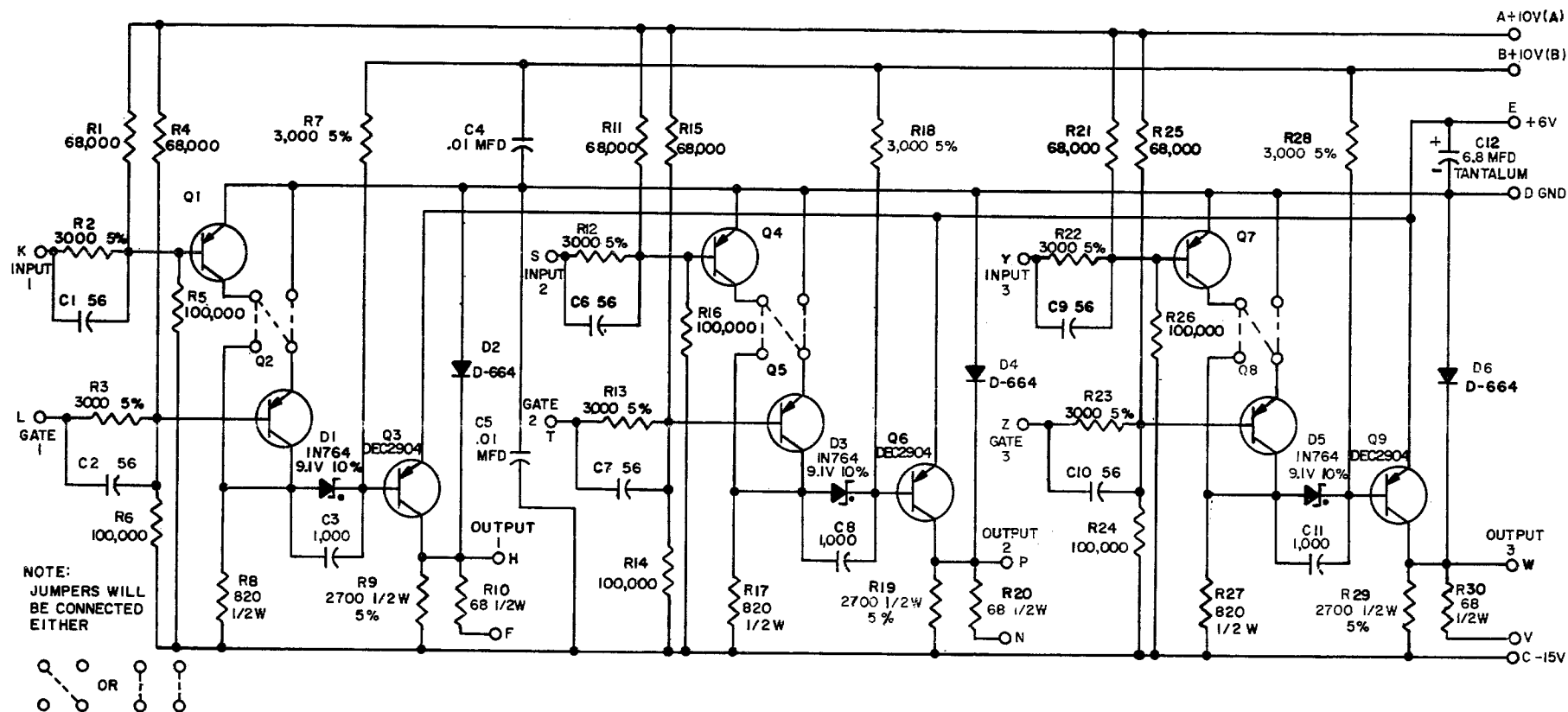
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
B										RS-1691										6					
BUS DRIVER 1691																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1692-2



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 10 %
CAPACITORS ARE MMFD.
TRANSISTORS ARE DEC 2894-2

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-2	DEC 2894		
DEC2904	DEC2904		
IN764	IN764		
D-664	IN3605		

NOTES

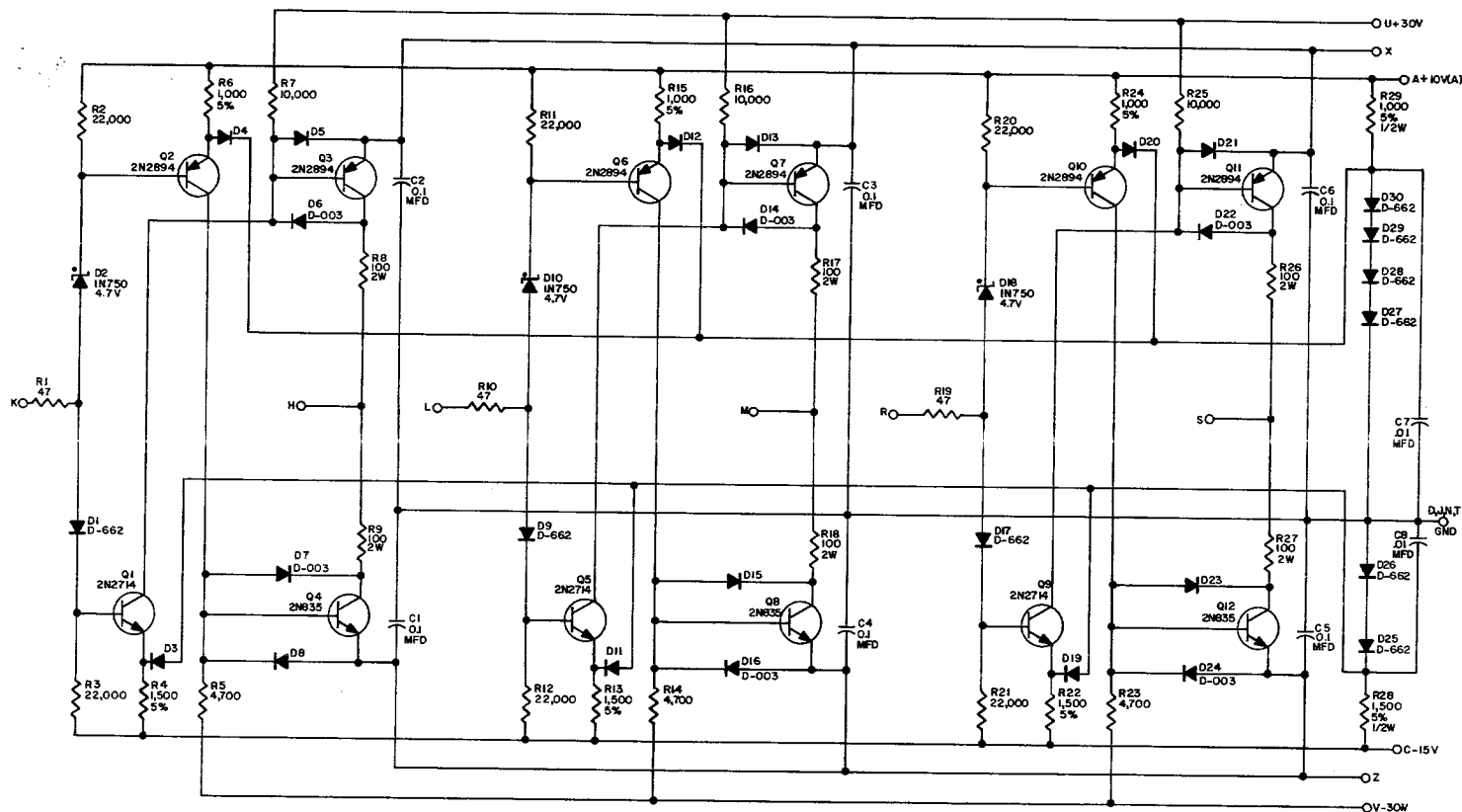
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D			RS-B-1692	2
BUS DRIVER 1692				

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-C-1693



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 10%
DIODES ARE D-664

TRANSISTOR & DIODE CONVERSION CHART			
DEC.	EIA	DEC.	EIA
2N2714	2N2704	1N750	1N750
2N2894	2N2894	2N335	2N335
D-003	IN924		
D-662	1N662		
D-664	1N64		

NOTES

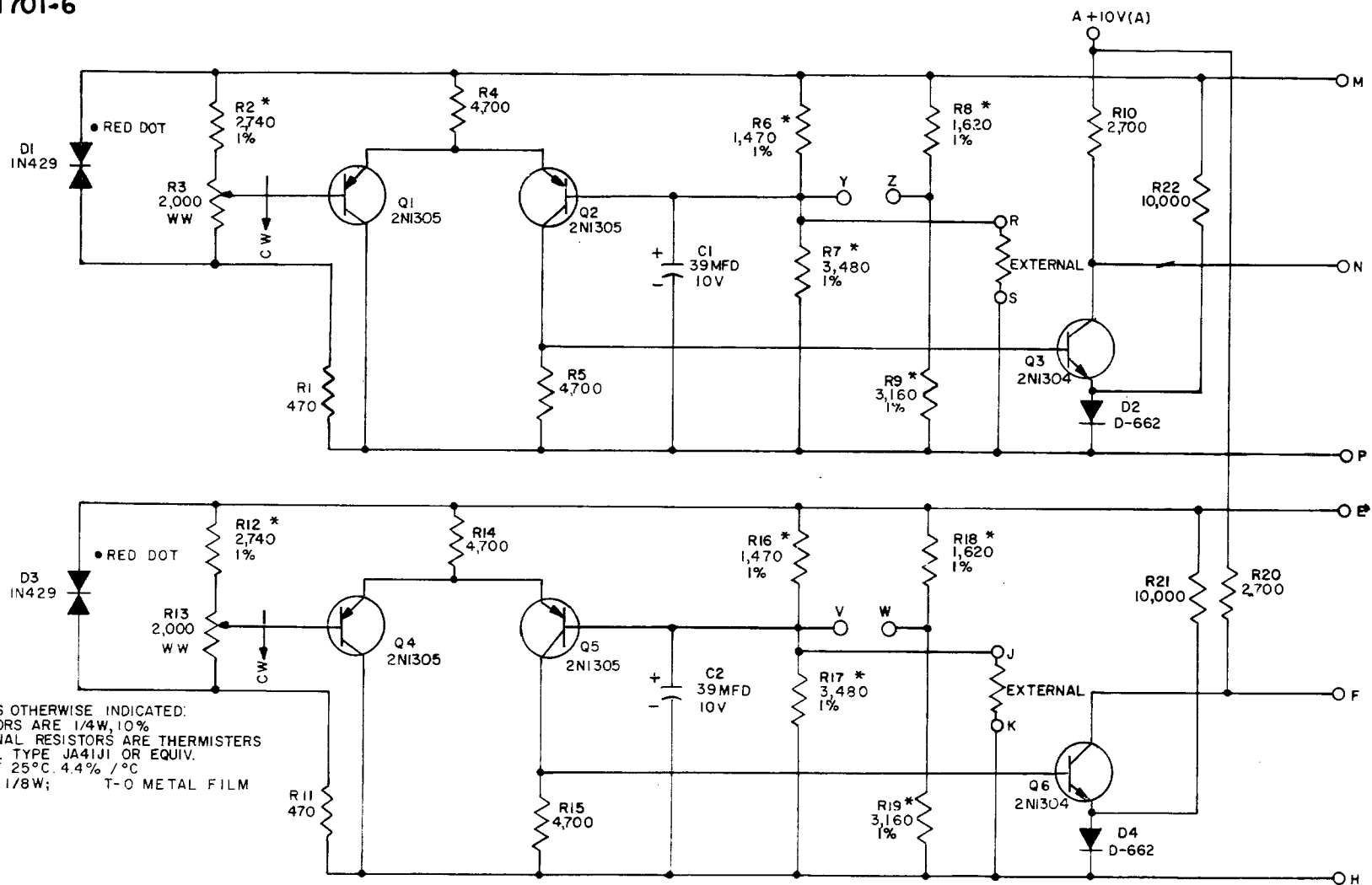
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A		RS-C-1693
		BUS DRIVER 1693

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1701-6



UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 1/4W, 10%
 EXTERNAL RESISTORS ARE THERMISTERS
 FENWAL TYPE JA41J1 OR EQUIV.
 10K AT 25°C. 4.4% / °C
 * ARE 1/8W; T-O METAL FILM

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N1304	2N1304		
2N1305	2N1305		
IN429	IN429		
D-662	D-662		

NOTES

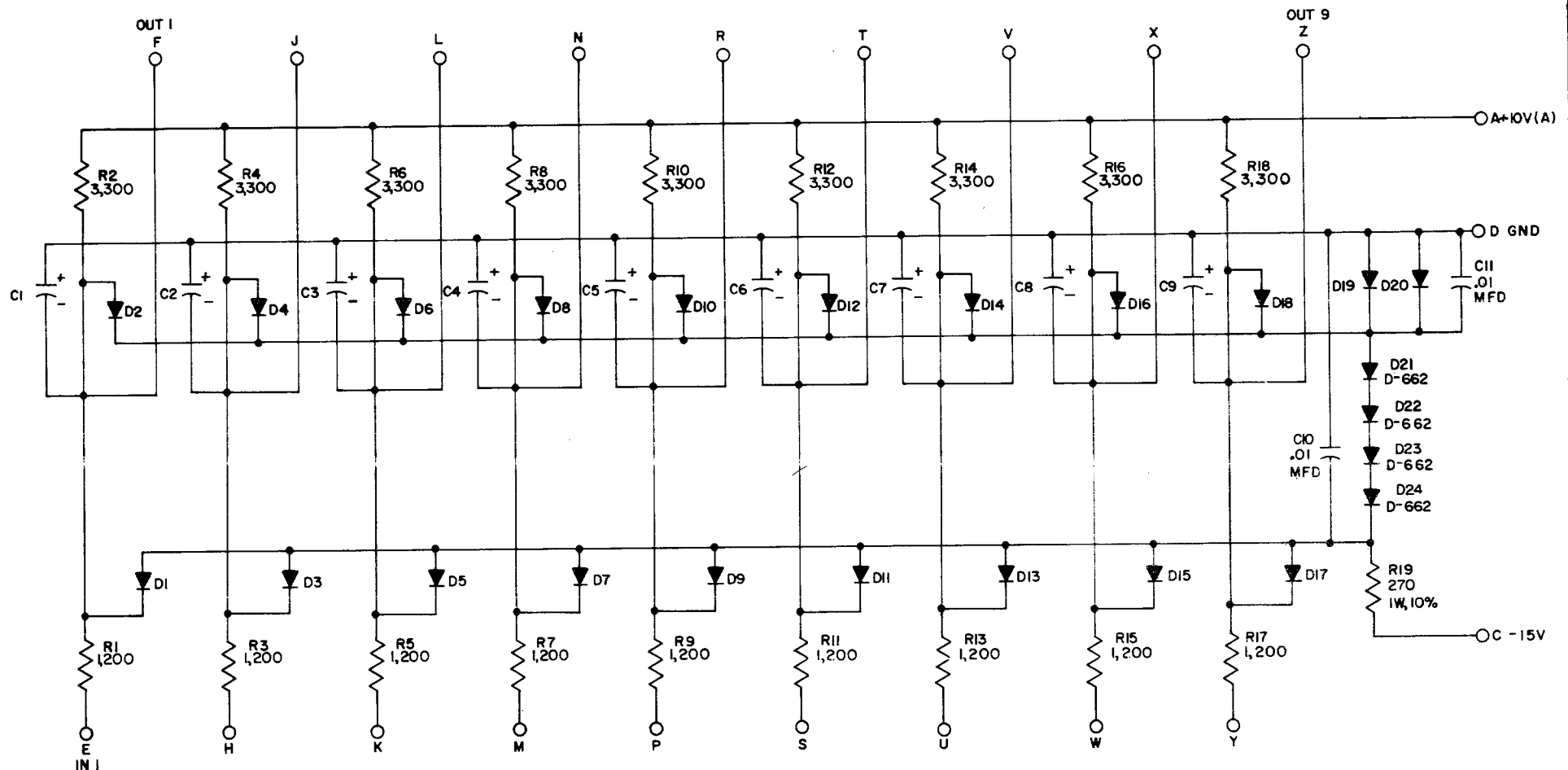
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
E		RS-B-1701																		6					
POWER SUPPLY CONTROL 1701																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1703-8



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 5%
PUT 6MFD CAPACITORS ON EYELETS
DIODES ARE D-007

C1-C9 ARE 6.8 MFD, 35V, TANT.

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D-007	1N277		
D-662	1N648		

NOTES

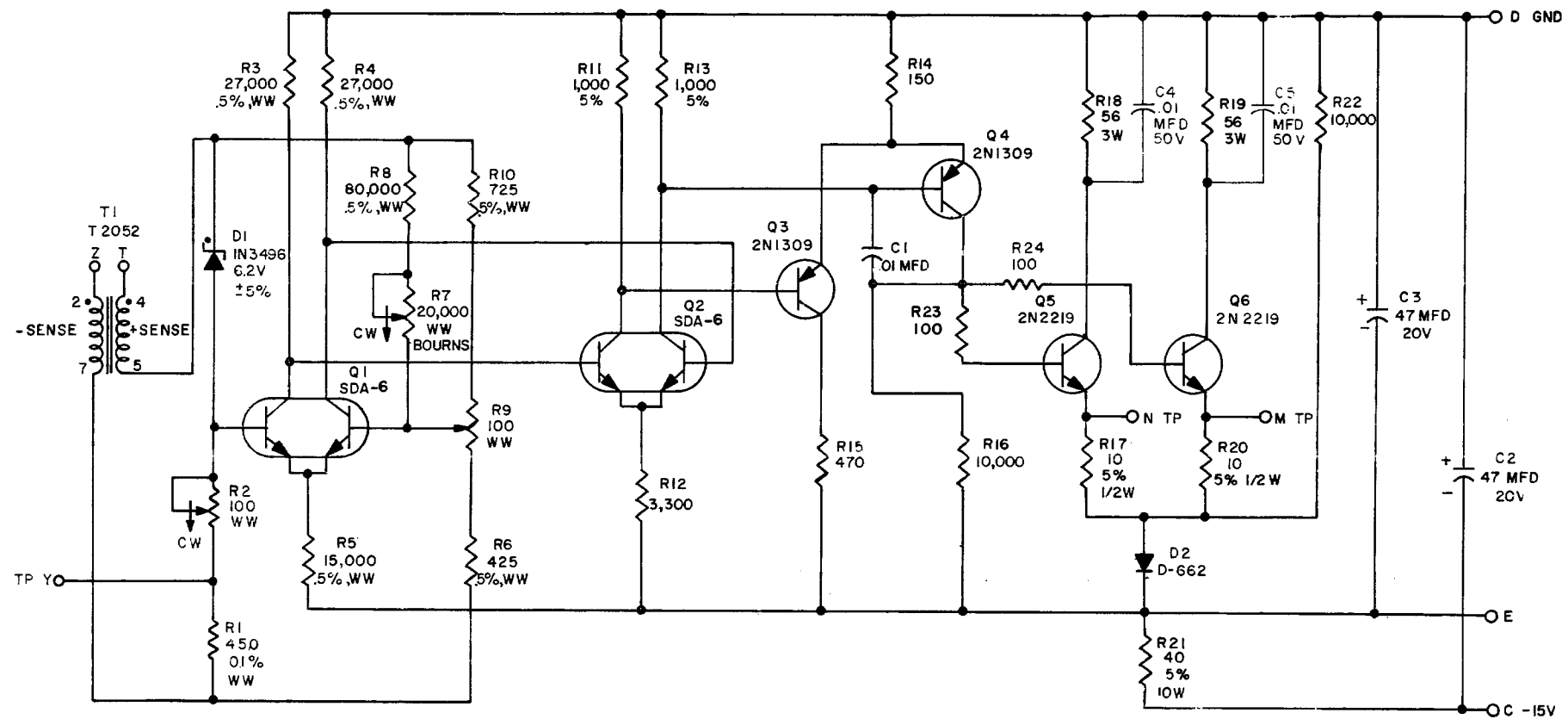
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
C								RS-B-1703																8	
SWITCH FILTER 1703																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1704-6



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W, 10%
R10, R6 AND R1 ARE DAVEN 3 PPM TYPE 1195
R3, R4, R5 AND R8 ARE DAVEN 20 PPM TYPE 1283
R2, R9, ARE 50 PPM DAYSTRUM TRANSITRIM

TRANSISTOR & DIODE CONVERSION CHART			
DEC		EIA	
SDA-6	2N2060		
2N1309	2N1309		
2N2219	2N2219		
D-662	1N645		
1N3496	1N3496		

NOTES

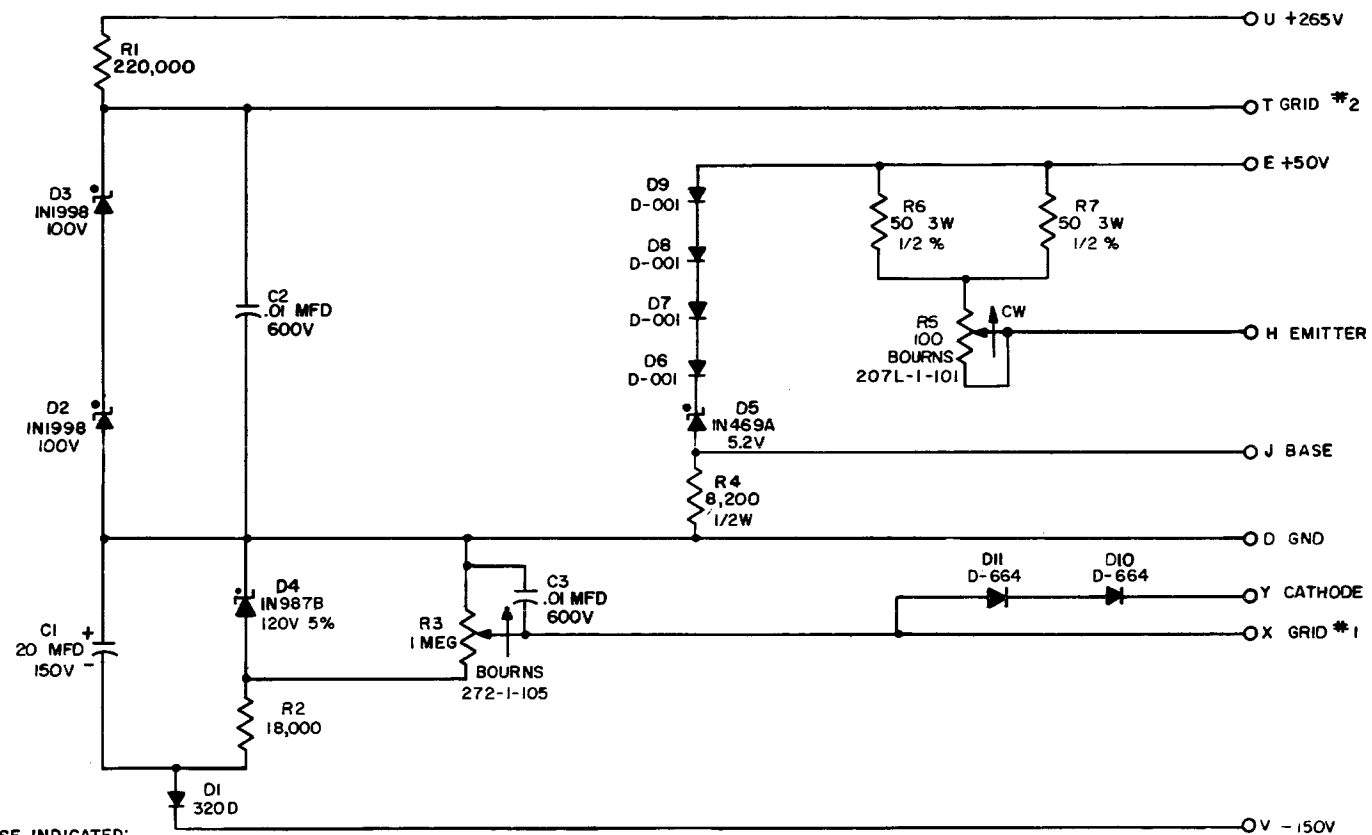
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
E										RS-B-1704										6					
-10V PRECISION POWER SUPPLY 1704																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1705-4



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 10%

TRANSISTOR & DIODE CONVERSION CHART			
DEC		EIA	
D-001	IN276	IN469A 5.2V	IN469A 5.2V
D-664	IN914		
3Z00	IN220		
IN1996 100V	IN1996 100V		
IN1967B 120V	IN1967B 120V		

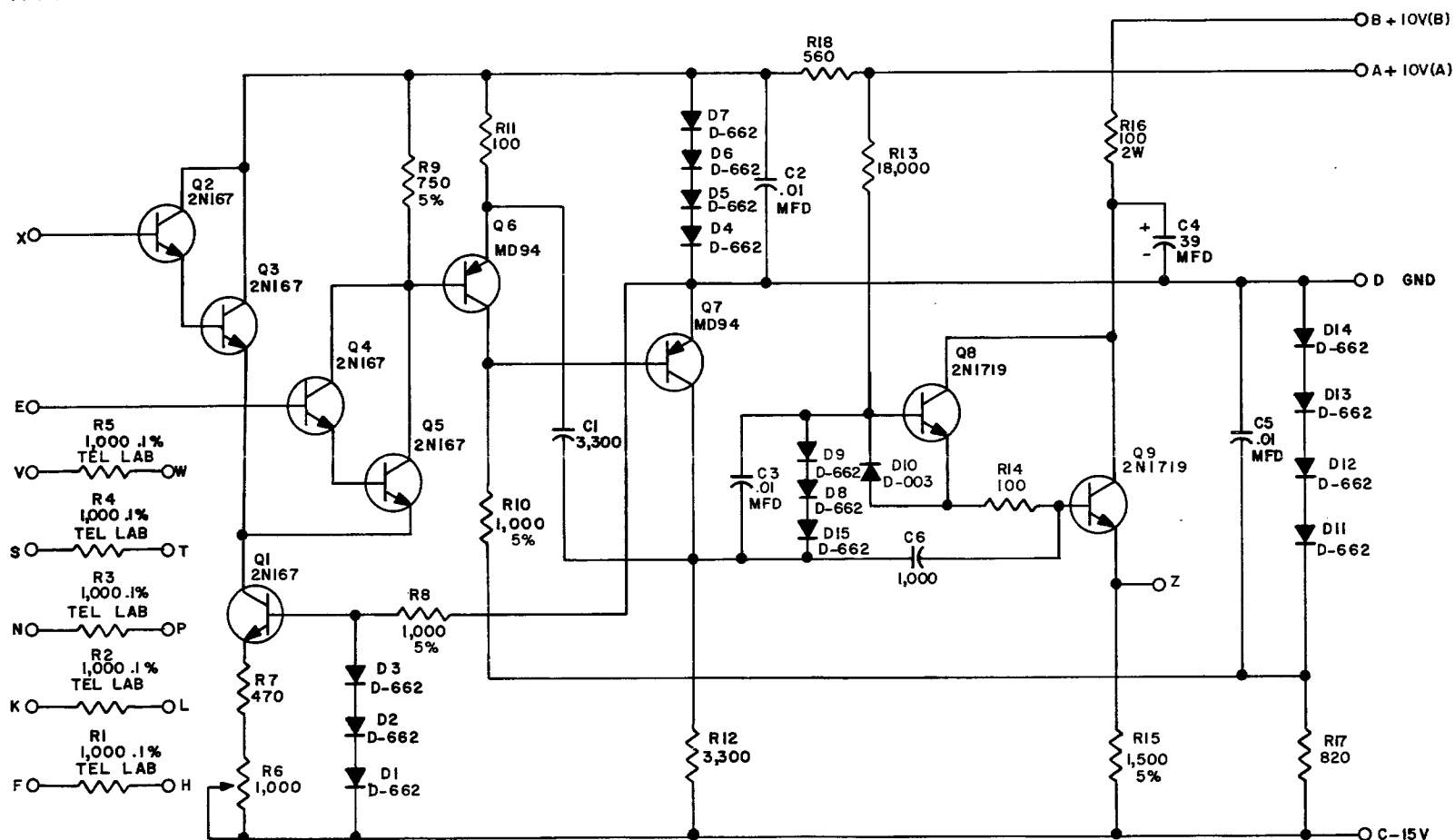
NOTES * 5 %

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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
D													RS-B-1705										4		
BIAS & FOCUS 1705																									

RS-B-1706-2



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/2 W; 10%
CAPACITORS ARE MMFD

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
MD94	2N2488		
2N167	2N167		
2N1719	2N1719		
D-003	IN994		
D-662	IN645		

NOTES

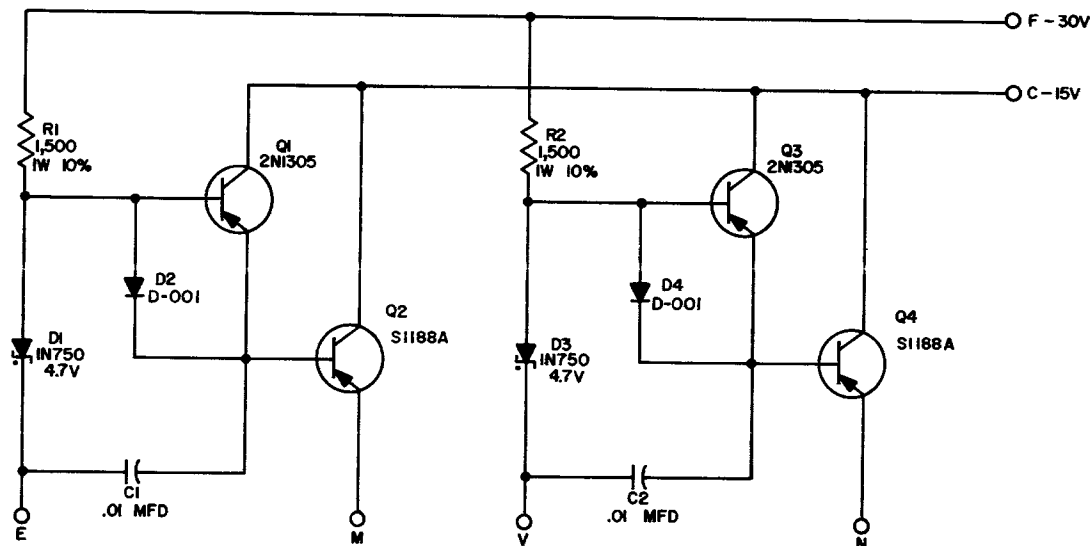
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
C						RS-B-1706														2					
POWER DC AMPLIFIER 1706																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1707-I



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N1305	2N1305		
D-001	1N276		
1N750 4.7V	1N750 4.7V		

NOTES

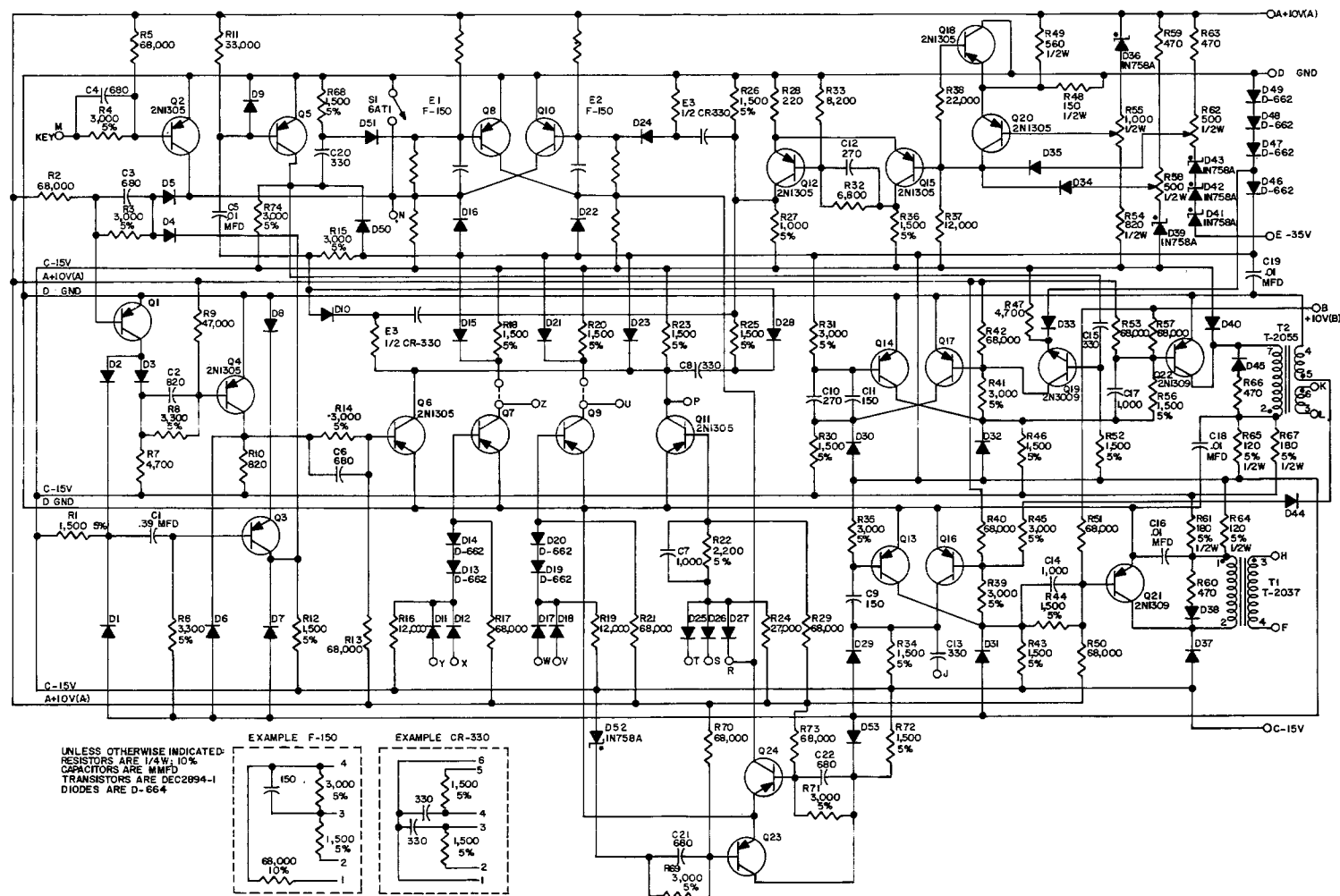
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
B										RS-B-1707													I		
MULTIPLIER BIAS SUPPLIER 1707																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-C-1710



TRANSISTOR & DIODE CONVERSION CHART			
DEC	ITA	DEC	ITA
DEC2994-1	DEC2994	D-662	IN454
2N305	2N305	D-664	IN3604
2N309	2N309	IN758A	IN758A
2N3009	2N3009		

NOTES

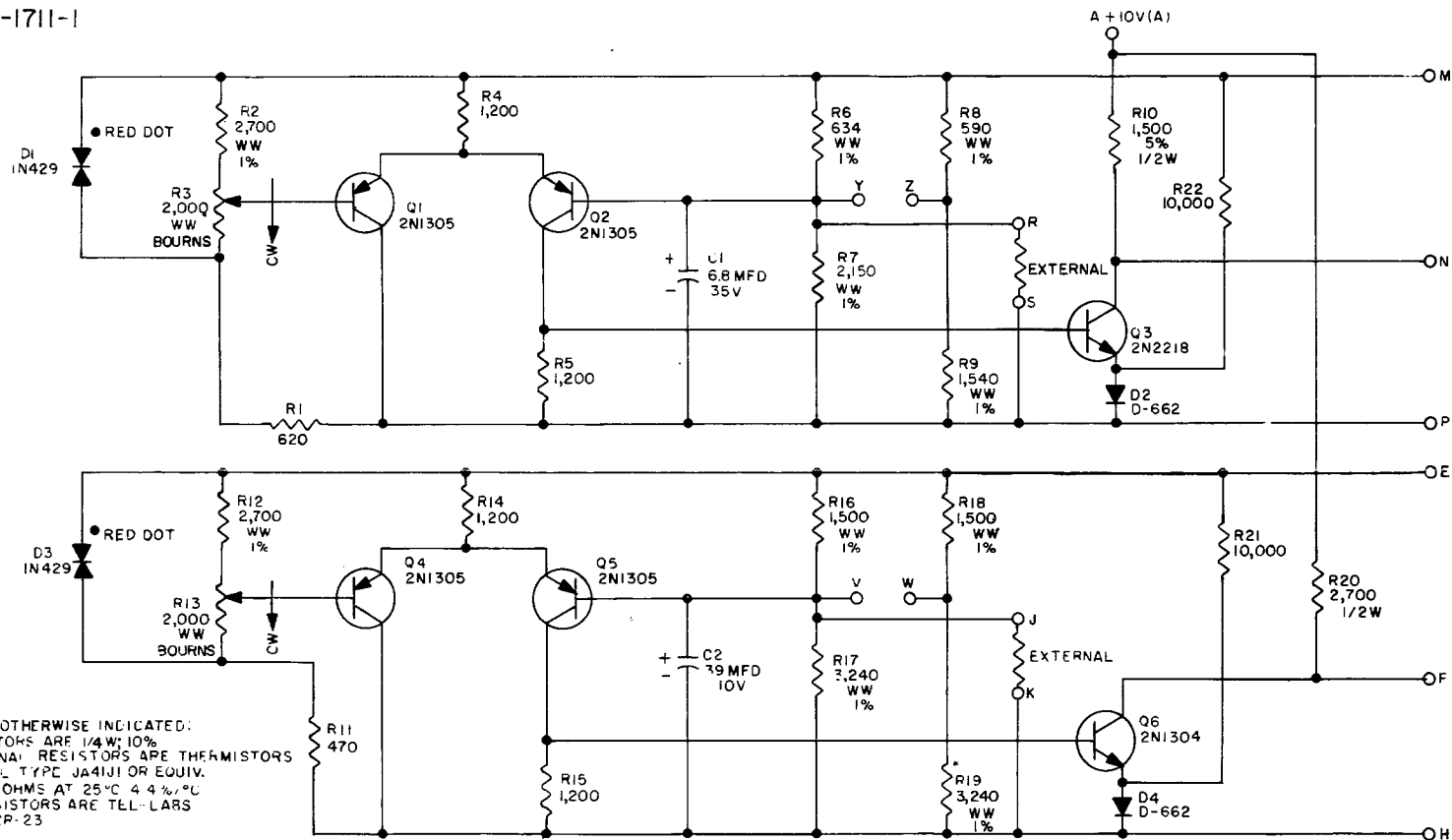
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A		RS-C-1710
		POWER MONITOR 1710

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1711-1



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 10%
EXTERNAL RESISTORS ARE THERMISTORS
FENWAL TYPE JA41J1 OR EQUIV.
10,000 OHMS AT 25°C 4.4%/°C
1% RESISTORS ARE TEL-LABS
TYPE CP-23

USE ETCHED BOARD OF THE 1701

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N1305	2N1305		
2N1304	2N1304		
2N2218	2N2218		
D-662	1N645		
1N429*	1N429*		

NOTES *6.2V 5%

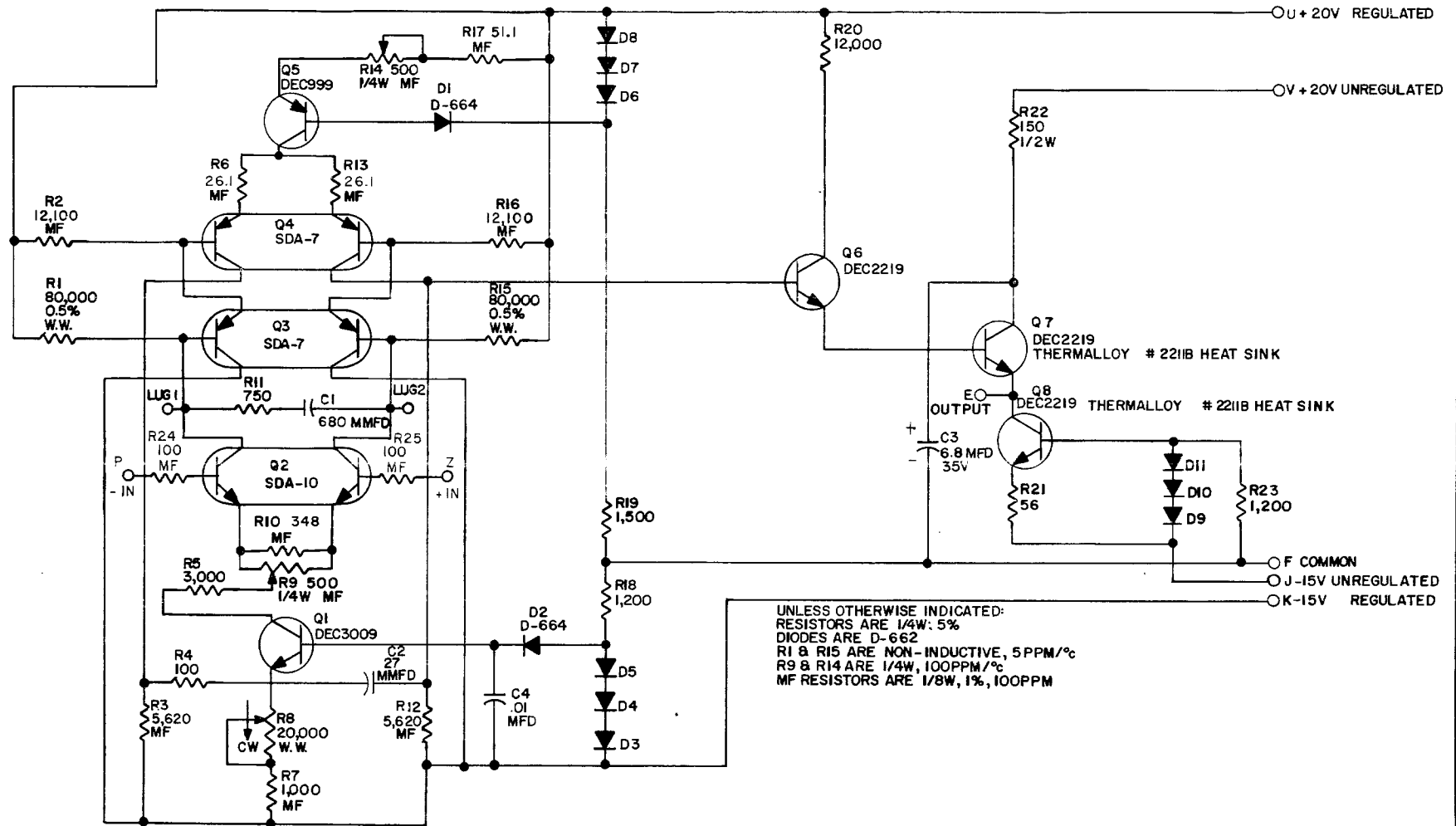
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C			
RS-B-1711			
I			
POWER SUPPLY CONTROL 1711			

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1751-6



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
Q1-3009	2N3041	D-662	1N4148
Q2-10	2N1010	D-664	1N4148
Q3-7	2N1010		
Q4-7	2N1010		
Q5-999	2N1010		
Q6-2219	2N1010		
Q7-2219	2N1010		
Q8-2219	2N1010		

NOTES

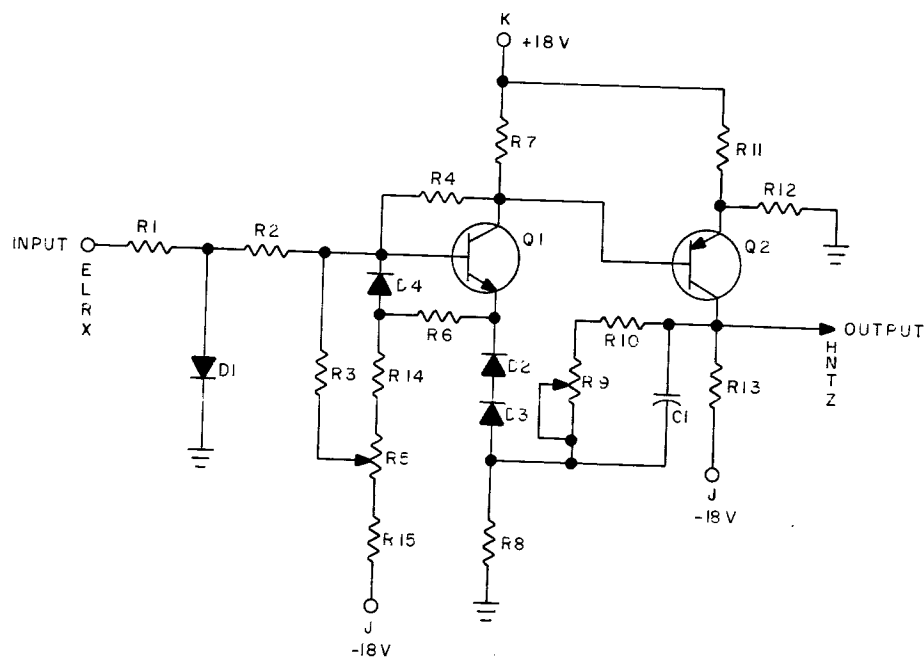
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F RS-B-1751 6		
OPERATIONAL AMPLIFIER 1751		

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1783-1



NOTE:
FOUR CIRCUITS PER CARD.

PARTS LIST	
DESIGN	DESCRIPTION
R 1	59,000; 1/4 W; 1%
R 2	1,000; 1/4 W; 5%
R 3	100,000; 1/4 W; 5%
R 4	82,000; 1/4 W; 5%
R 5	1,000; BORG; 2600 TRIMPOT
R 6	100; 1/4 W; 5%
R 7	10,000; 1/4 W; 5%
R 8	39; 1/4 W; 5%
R 9	20,000; BORG; 2600 TRIMPOT
R 10	3,000; 1/4 W; 5%
R 11	620; 1/4 W; 5%
R 12	1,200; 1/4 W; 5%
R 13	2,700; 1/4 W; 5%
R 14	2,400; 1/4 W; 5%
R 15	1,600; 1/4 W; 5%
D 1	D-662
D2,D3,D4	1N270
C 1	100 MMFD
Q 1	2N929 T I
Q 2	2N215 RCA

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N929	2N929		
2N215	2N215		
D-662	1N645		
1N270	1N270		

NOTES

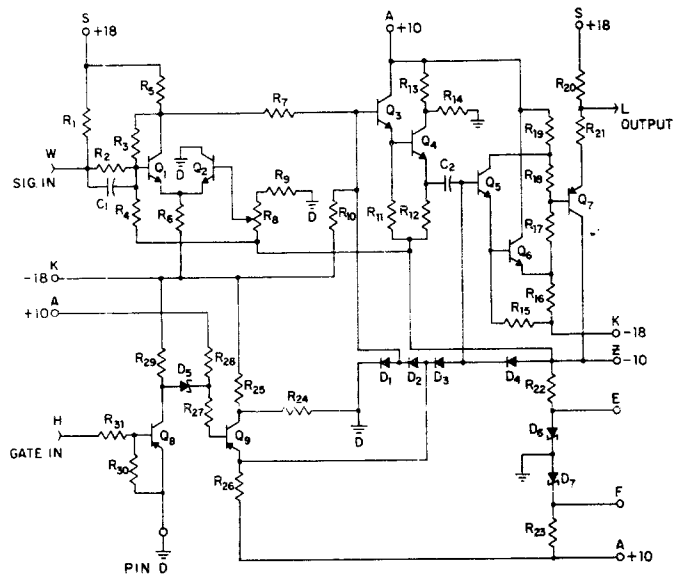
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	R	S	T	U	V	W	X	Y	Z	
A		RS-B-1783														I								
ANALOG PREAMPLIFIER 1783																								

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1784



PARTS LIST		
DESIGNATION	DESCRIPTION	NO. REQ.
C ₁	15 pf DIPPED SILVER MICA	1 ea
C ₂	1500 pf. DIPPED SILVER MICA	1 ea
D ₁ , D ₂ , D ₃ , D ₄	GE MPI-SGR	2 ea
D ₅	IN 748A 3.9VZ	1 ea
D ₆ , D ₇	IN 753A 6.2VZ	2 ea
Q ₁ , 2, 3, 4, 5, 6	2N2480 G.E.	3 ea
Q ₇	DEC2904	1 ea
Q ₈	DEC1754	1 ea
Q ₉	DEC2904	1 ea
R ₁	30K A/B 1/4 W 5%	1 ea
R ₂	39K A/B 1/2 W 5%	1 ea
R ₃ , R ₁₈	62K CORNING C-20 1/2 W 2%	2 ea
R ₄ , R ₁₆	30K A/B 1/2 W 5%	2 ea
R ₅	6.2K A/B 1/2 W 5%	1 ea
R ₆	390Ω A/B 1 W 5%	1 ea
R ₇	10K CORNING C-20 1/2 W 2%	1 ea
R ₈	10K BOURN TRIMPOT 200L 1-103	1 ea
R ₉ , R ₂₀ , R ₃₀	10K A/B 1/4 W 5%	3 ea
R ₁₀	20K A/B 1/4 W 5%	1 ea
R ₁₁ , R ₁₇ , R ₂₇	2K A/B 1/2 W 5%	3 ea
R ₁₂	200Ω A/B 1 W 5%	1 ea
R ₁₃ , R ₁₄	100Ω A/B 1/2 W 5%	2 ea
R ₁₅	470K A/B 1/4 W 5%	1 ea
R ₁₉	75K CORNING C-20 1/2 W 2%	1 ea
R ₂₁	1K A/B 1/2 W 5%	1 ea
R ₂₂ , R ₂₃	100Ω A/B 1 W 5%	2 ea
R ₂₄	2K A/B 1/4 W 5%	1 ea
R ₂₅	120Ω A/B 1/2 W 5%	1 ea
R ₂₆	1K A/B 1 W 5%	1 ea
R ₂₈	15K A/B 1/4 W 5%	1 ea
R ₂₉	470Ω A/B 1/2 W 5%	1 ea
R ₃₁	1K A/B 1/4 W 5%	1 ea

NOTE: Q₁, Q₂ 2 SIDES OF A SINGLE 2N2480
 Q₃, Q₅ 2 SIDES OF A SINGLE 2N2480
 Q₆, Q₄ 2 SIDES OF A SINGLE 2N2480

D₁, D₄ 2 SIDES OF SAME MPI-SGR
 D₂, D₃ 2 SIDES OF SAME MPI-SGR

NOTE: R₃ TO BE MOUNTED ON
 BIFURCATED TERMINALS
 TO ALLOW FOR GAIN
 ADJUSTMENT DESCRIBED
 IN TEST SPECIFICATIONS

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N2480	2N2480	IN 753A 6.2VZ	IN 753A 6.2VZ
DEC2904	2N1132		
DEC1754	2N1494		
MPI SGR GE	MPI-SGR GE		
IN 748A 3.9VZ	IN 748A 3.9VZ		

NOTES

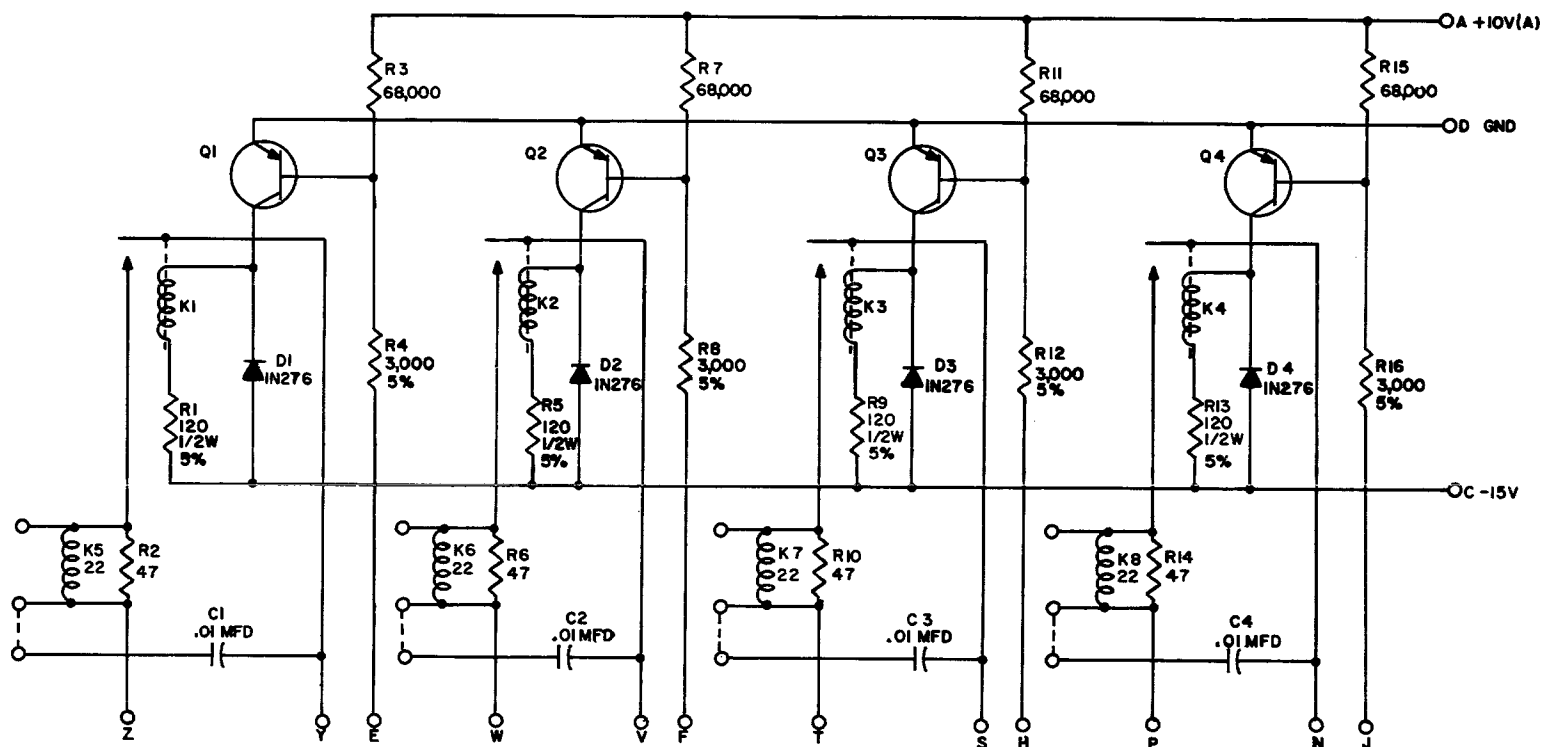
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RS-B-1784															
SAMPLE AND HOLD 1784															

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RS-1803



UNLESS OTHERWISE INDICATED
RESISTORS ARE 1/4 WATT; 10%
INDUCTORS ARE uh
KI-K4 ARE DUNCO REED RELAY
TYPE RH-1A 12V DC. COIL RESISTANCE
360 OHMS
INDUCTORS ARE ESSEX RFC-L 10%
Q1-Q4 ARE 4JXIC741

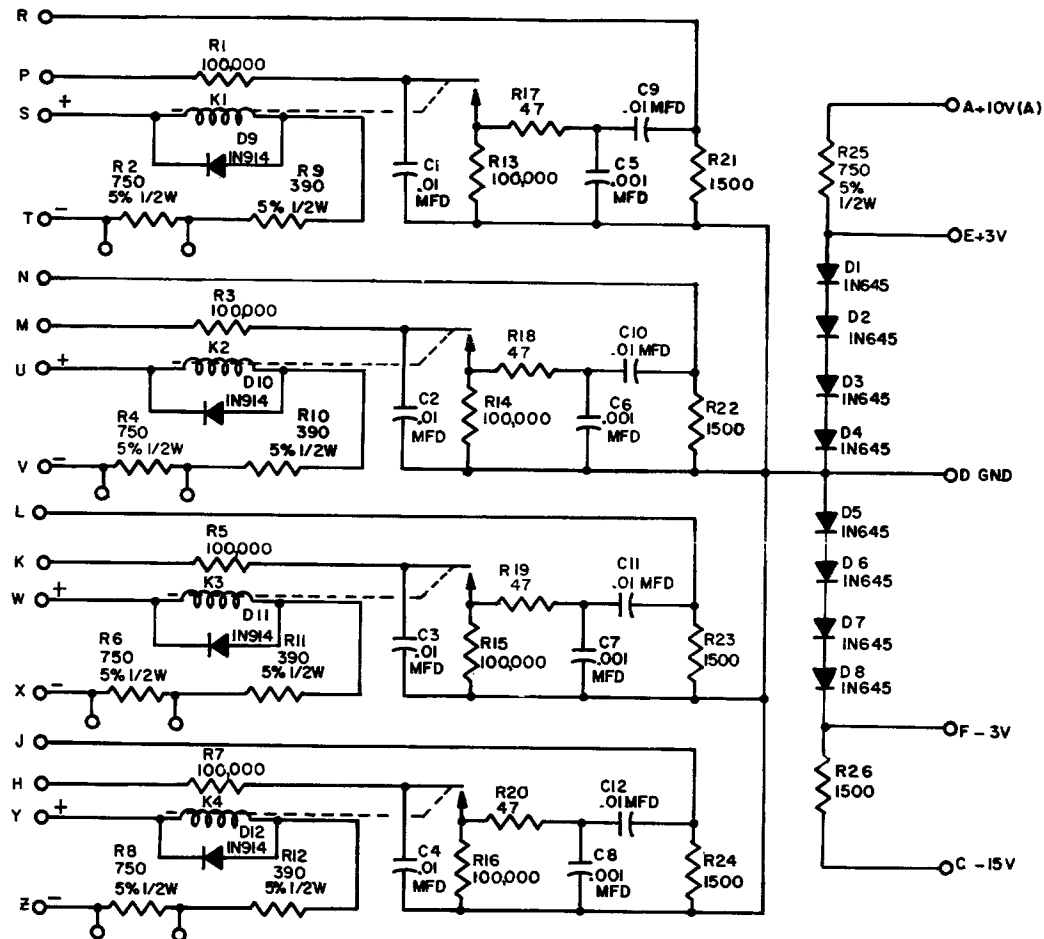
RELAY 1803 (A) RS-1803

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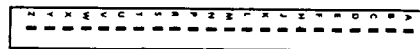
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RS-1804



UNLESS OTHERWISE INDICATED
RESISTORS ARE 1/4 WATT 10%
K1-K4 ARE DUNCO REED RELAY
TYPE MRRIA 12V D.C. COIL
RESISTANCE, 1152 OHMS.



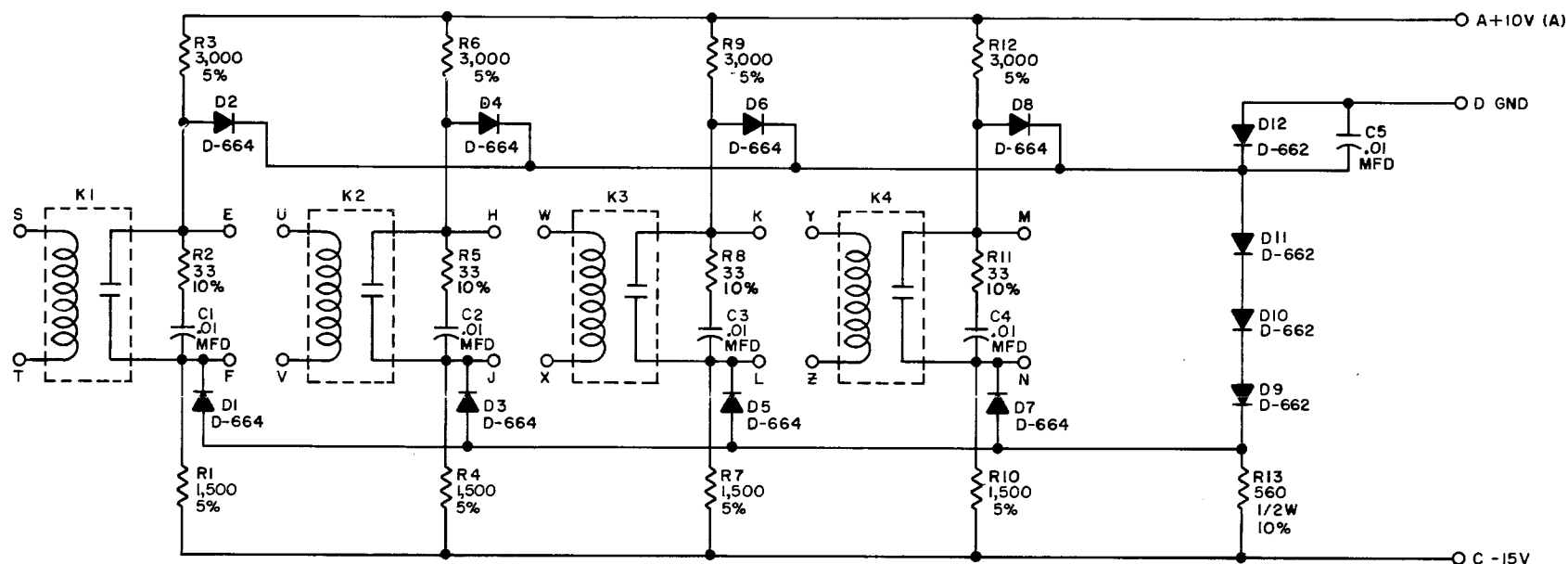
RELAY 1804 (A) RS-1804

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RS-B-1805



UNLESS OTHERWISE INDICATED:
RELAYS ARE WHEELLOCK 262-2A-X1, 12VDC.

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D-662	1N645		
D-664	1N3606		

NOTES

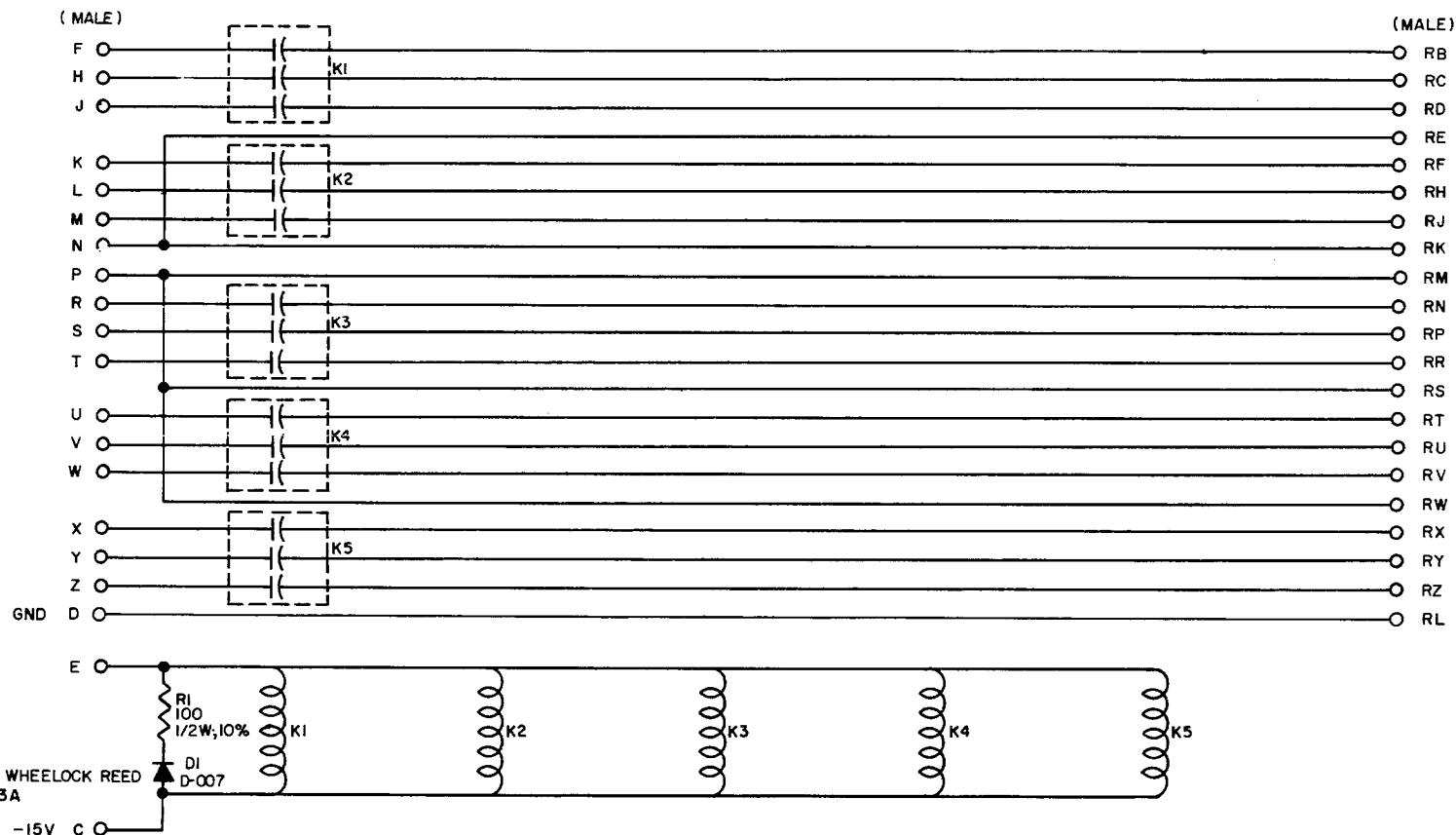
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
A													RS-B-1805												
RELAY 1805																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-1806-2



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D-007	IN277		

NOTES

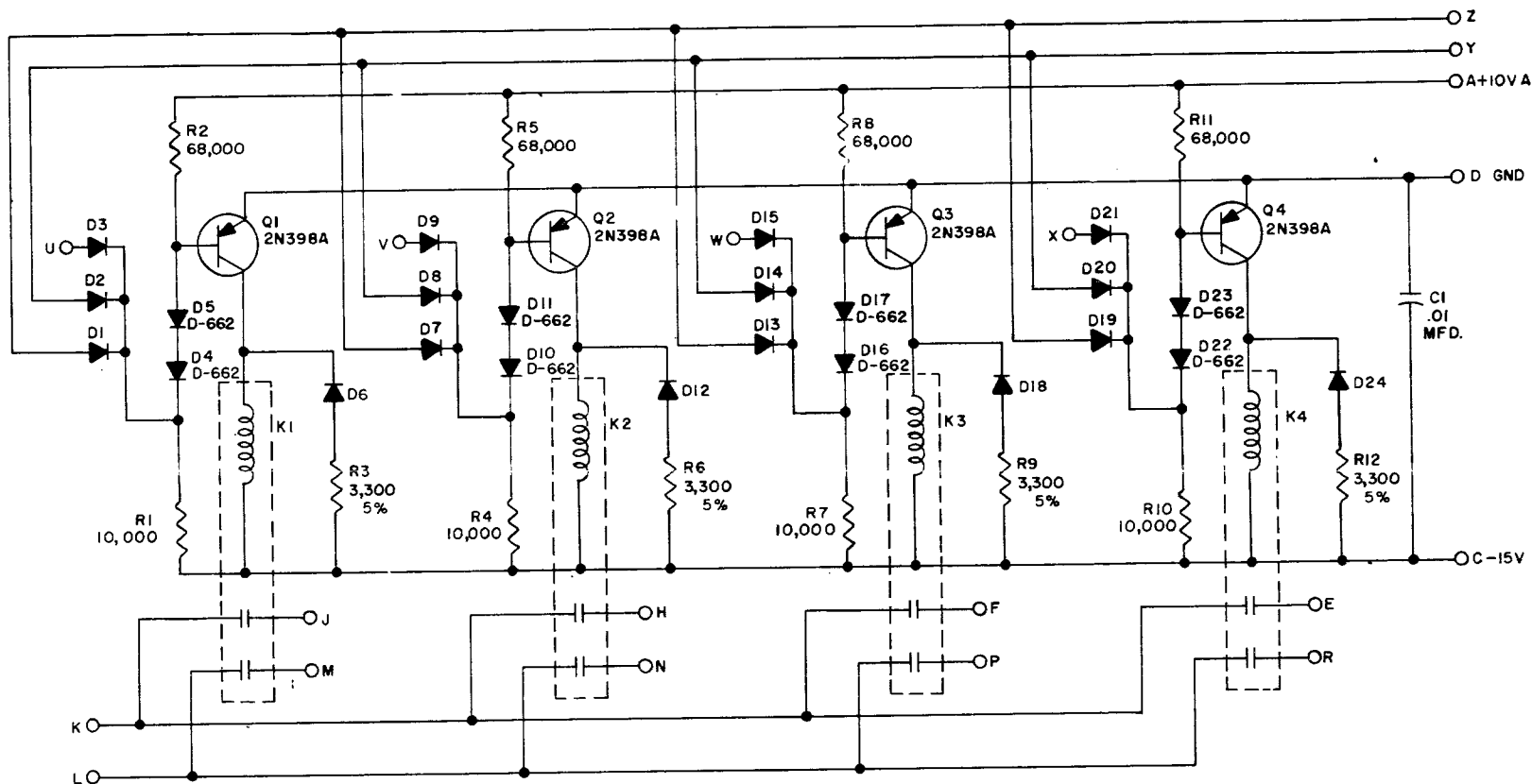
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	R	S	T	U	V	W	X	Y	Z
C			RS-1806																	2			
RELAY 1806																							

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1807-1



UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 1/4 W; 10%
 DIODES ARE D-003
 K1, K2, K3 & K4 ARE WHEELOCK 262-2A-XI, 12V DC

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N398A	2N398A		
D-003	1N994		
D-662	1N645		

NOTES

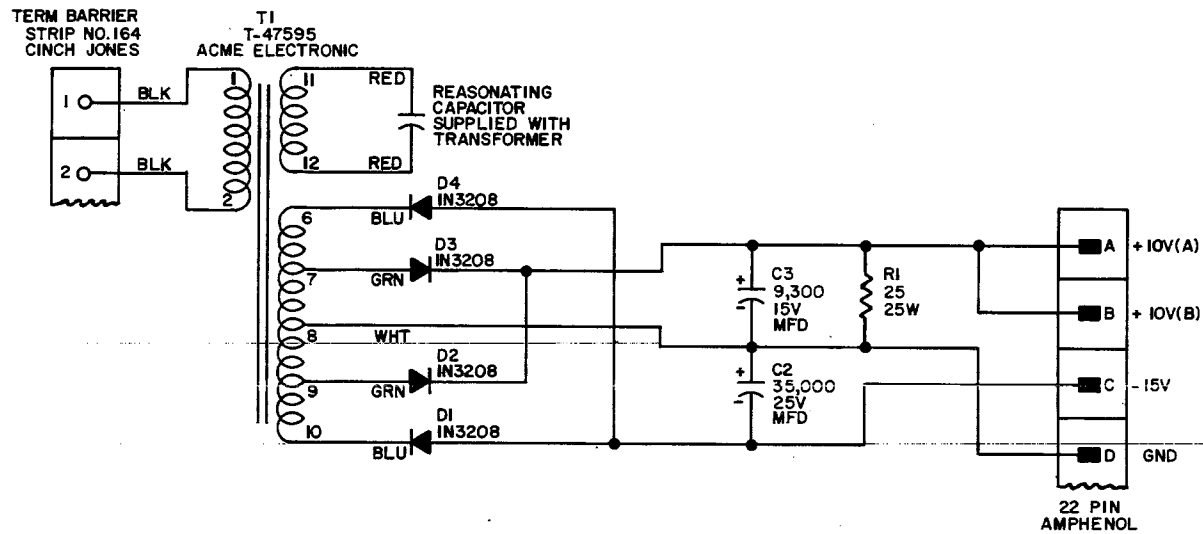
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z		
B									RS-B-1807												I						
RELAY 1807																											

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

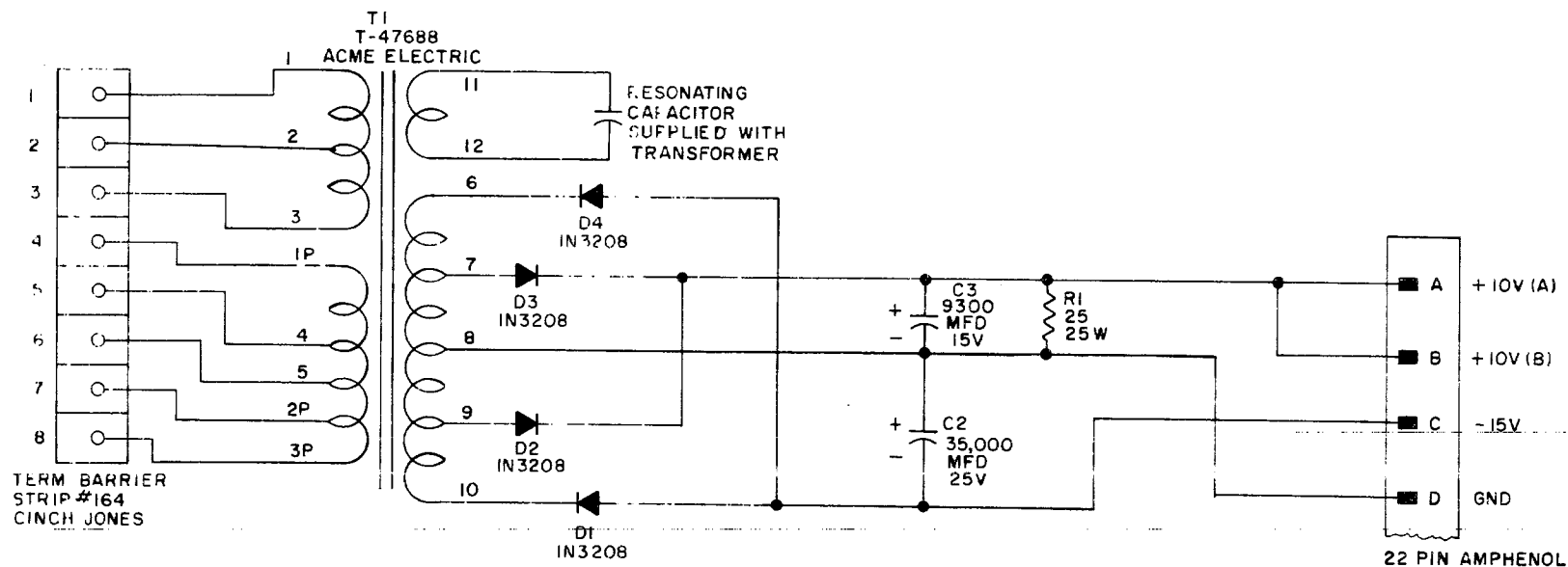
RS-B-1938-1



TRANSISTOR & DIODE CONVERSION CHART				NOTES	THIS SCHEMATIC IS FURNISHED ONLY FOR TEST AND MAINTENANCE PURPOSES. THE CIRCUITS ARE PROPRIETARY IN NATURE AND SHOULD BE TREATED ACCORDINGLY.		
DEC	EIA	DEC	EIA				
					COPYRIGHT 1963 BY DIGITAL EQUIPMENT CORPORATION	RS-B-1938	I
						MOUNTING PANEL WITH POWER	1938

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1938A



CAUTION
CHECK TRANSFORMER
TAPS BEFORE USING

INPUT VOLTAGE	JUMPER	LINE
112.5 10%	2-4, 3-7	3,4
123.5 10%	1-4, 3-8	3,4
105 10%	1-5	3,4
220 10%	1-6	3,4
235 10%	2-8	3,4

TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA
IN3208	IN3208		

NOTES

THIS SCHEMATIC IS FURNISHED ONLY FOR
TEST AND MAINTENANCE PURPOSES. THE
CIRCUITS ARE PROPRIETARY IN NATURE AND
SHOULD BE TREATED ACCORDINGLY.

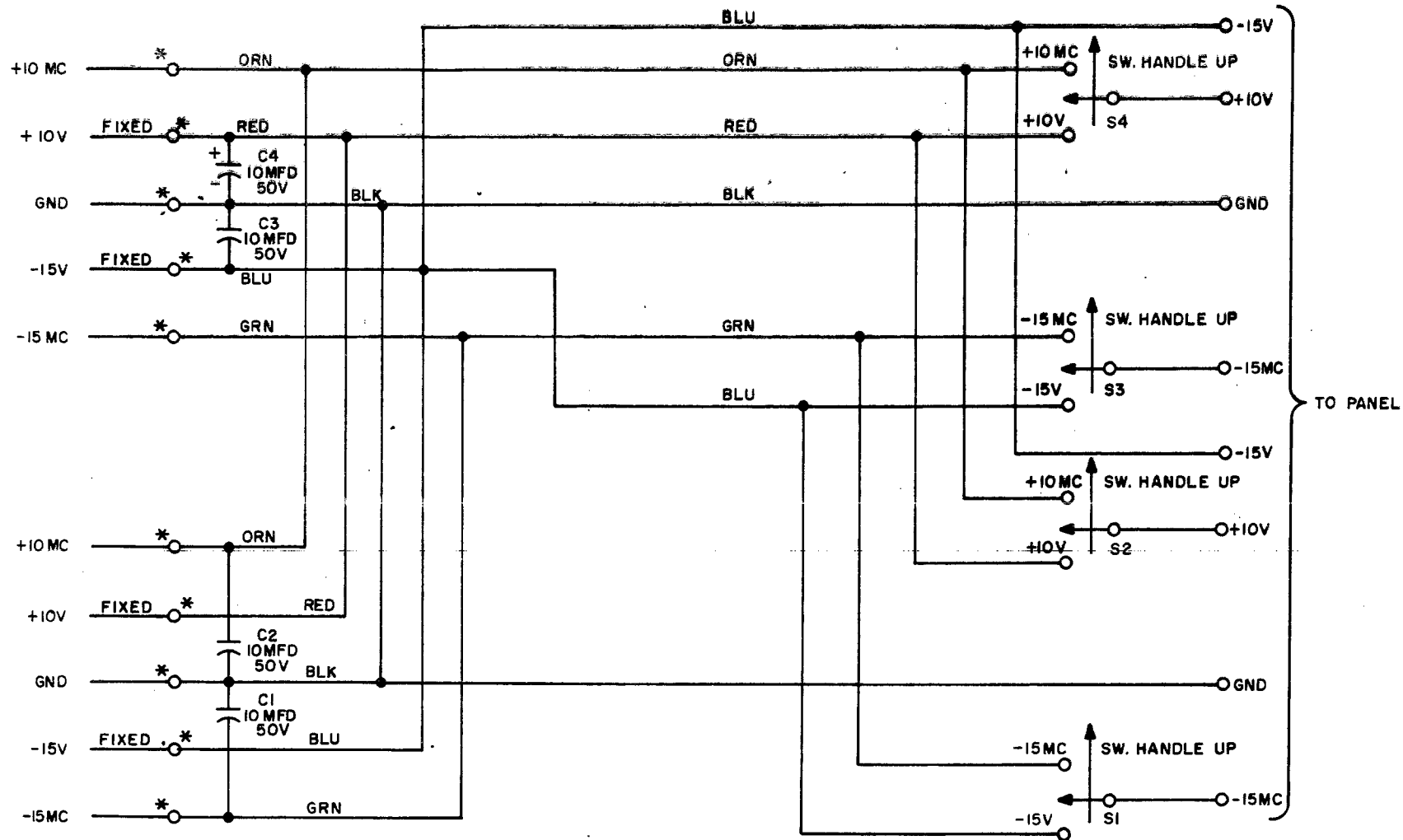
COPYRIGHT 1964 BY DIGITAL EQUIPMENT CORPORATION

RS-B-1938A

MOUNTING PANEL WITH POWER 1938A

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1943



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA

NOTES

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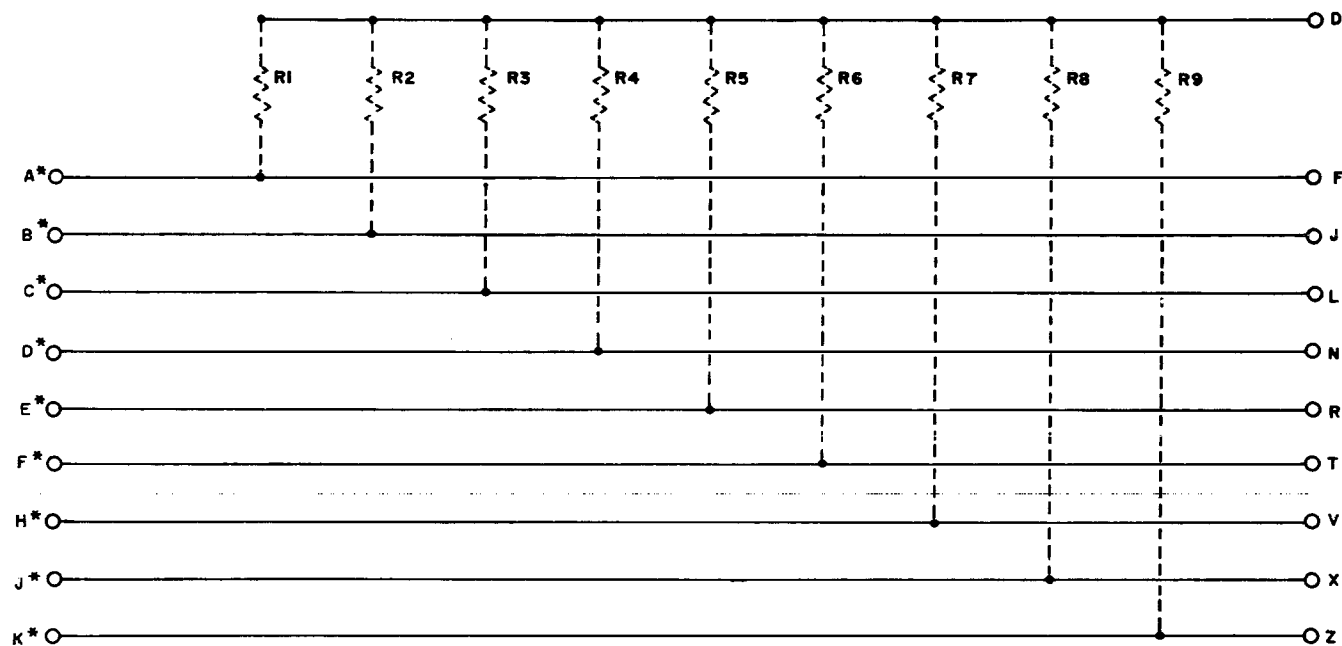
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RS-B-1943

MOUNTING PANEL 1943

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1956-2



* INDICATES BACK PANEL PLUG
10 PIN AMPHENOL 133-010-21

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA

NOTES

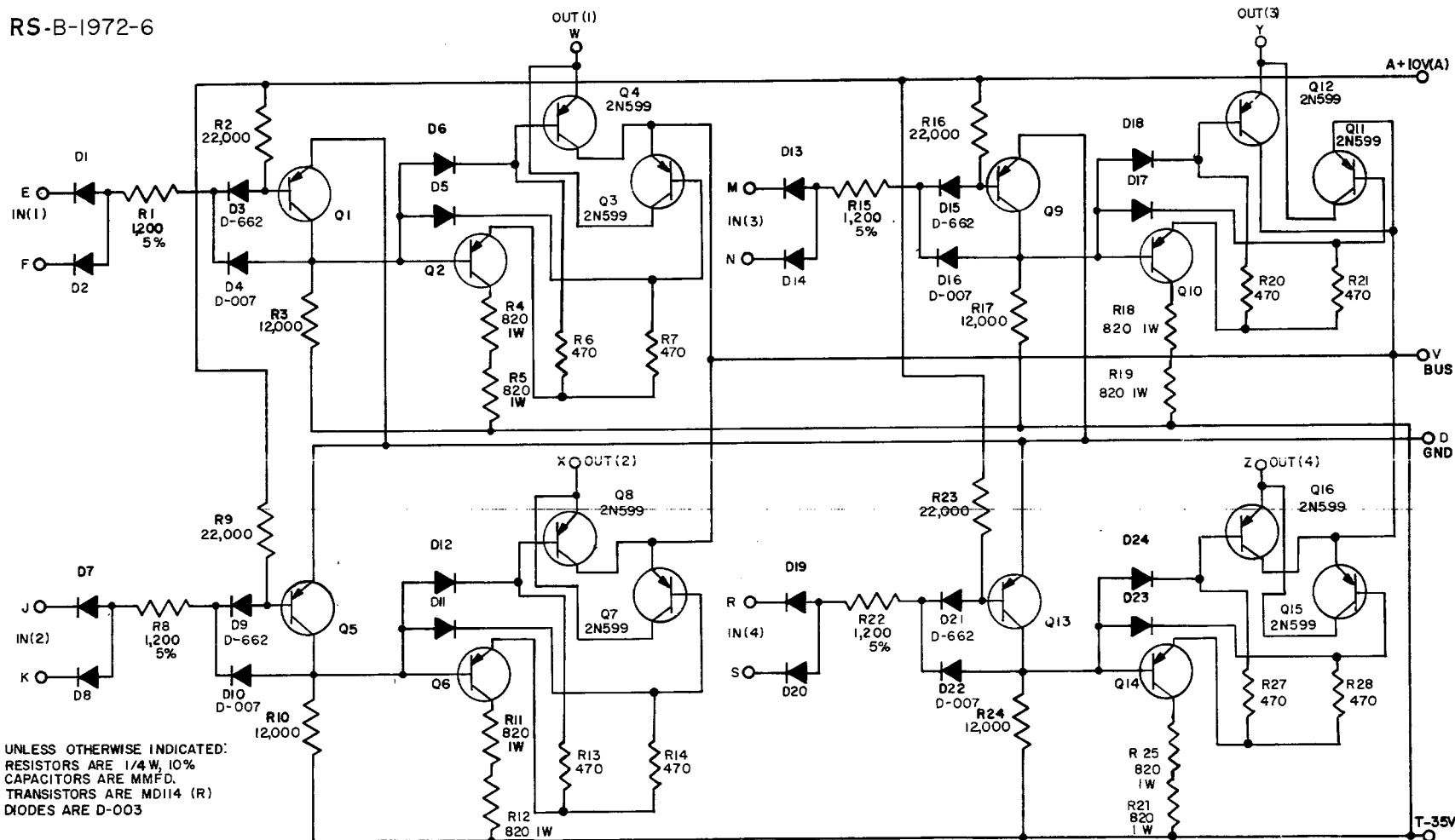
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
B,C										RS-B-1956										2					
9 PIN PLUG ADAPTER 1956																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1972-6



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
MD114 (R)	2N1499A*		
2N599	2N599		
D-662	IN645		
D-007	IN277		
D-003	IN994		

NOTES
*2N1499A SELECTED FOR $V_{ces} = 40V$ AT 100 μs

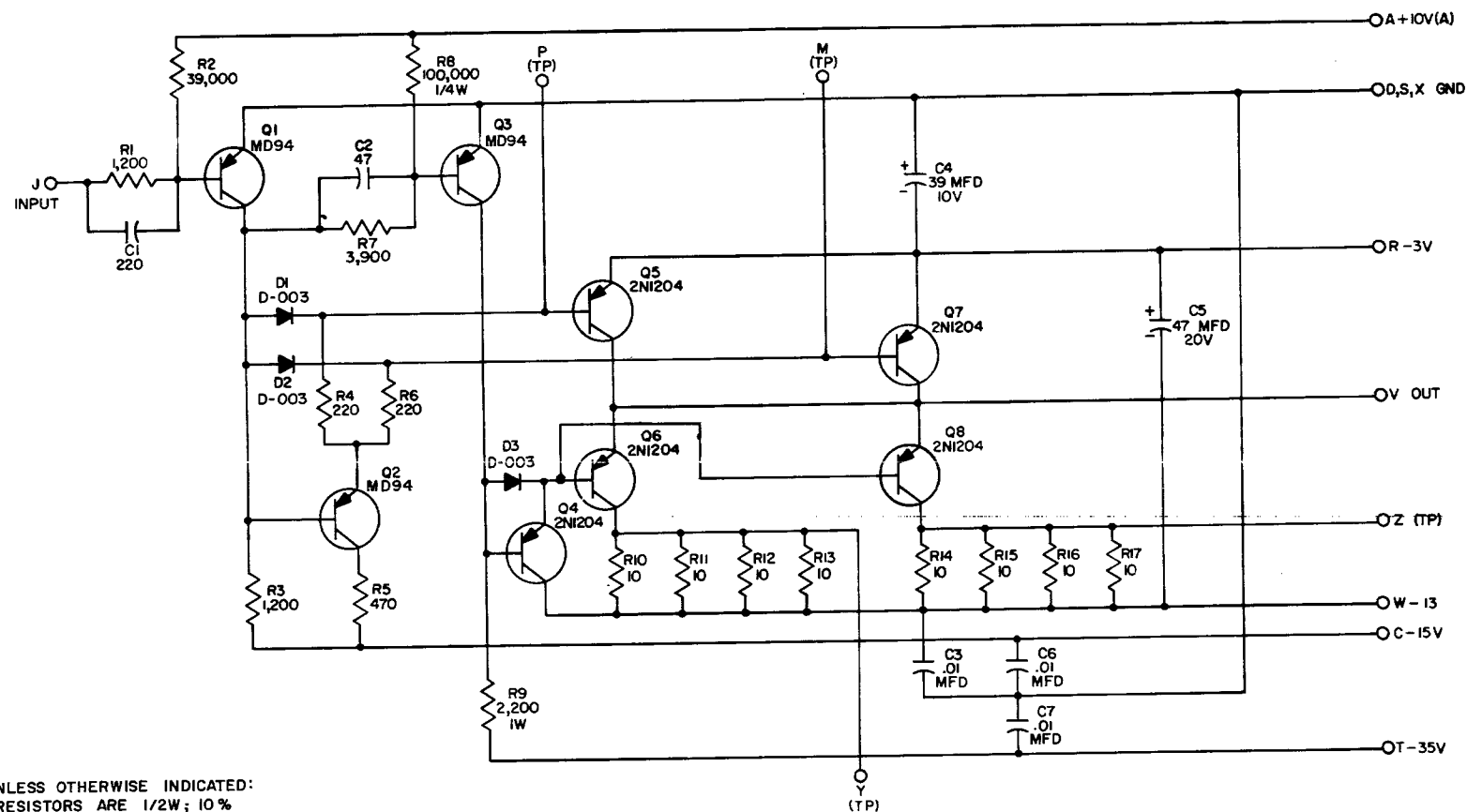
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A, B			RS-1972	6
READ-WRITE SWITCH 1972				

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1973-6



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/2W; 10%
CAPACITORS ARE MMFD

[illegible]

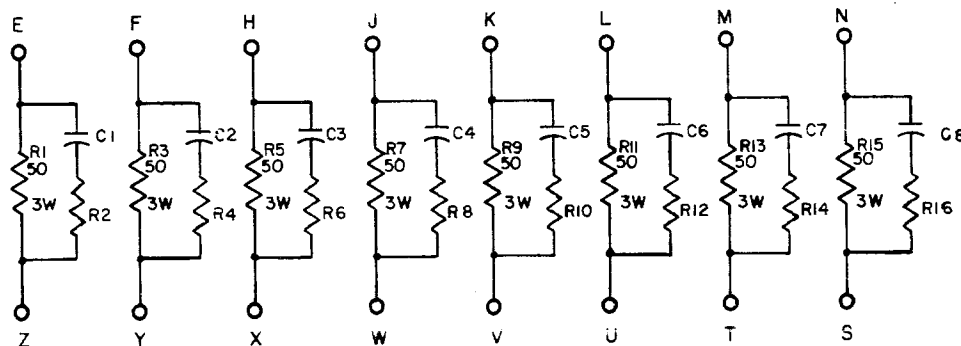
NOTES

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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
C													RS-B-1973										6		
MEMORY DRIVER 1973																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 47 OHMS 10%
CAPACITORS ARE 4700 MMFD 5%

[illegible]

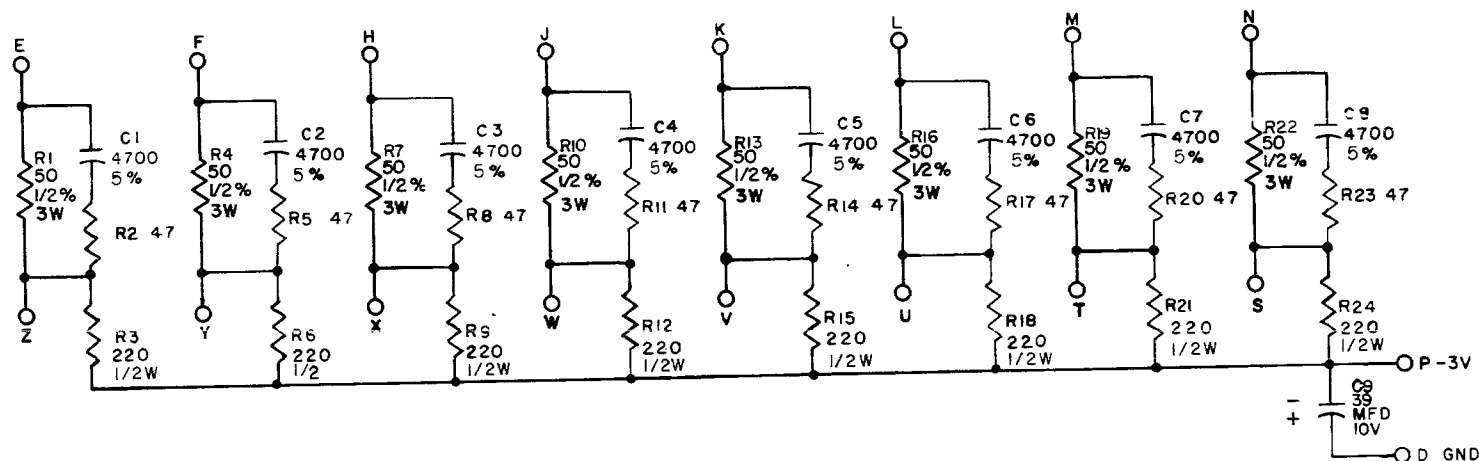
NOTES

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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																										
C.D									RS-B-1976									8								
RESISTOR BOARD 1976																										

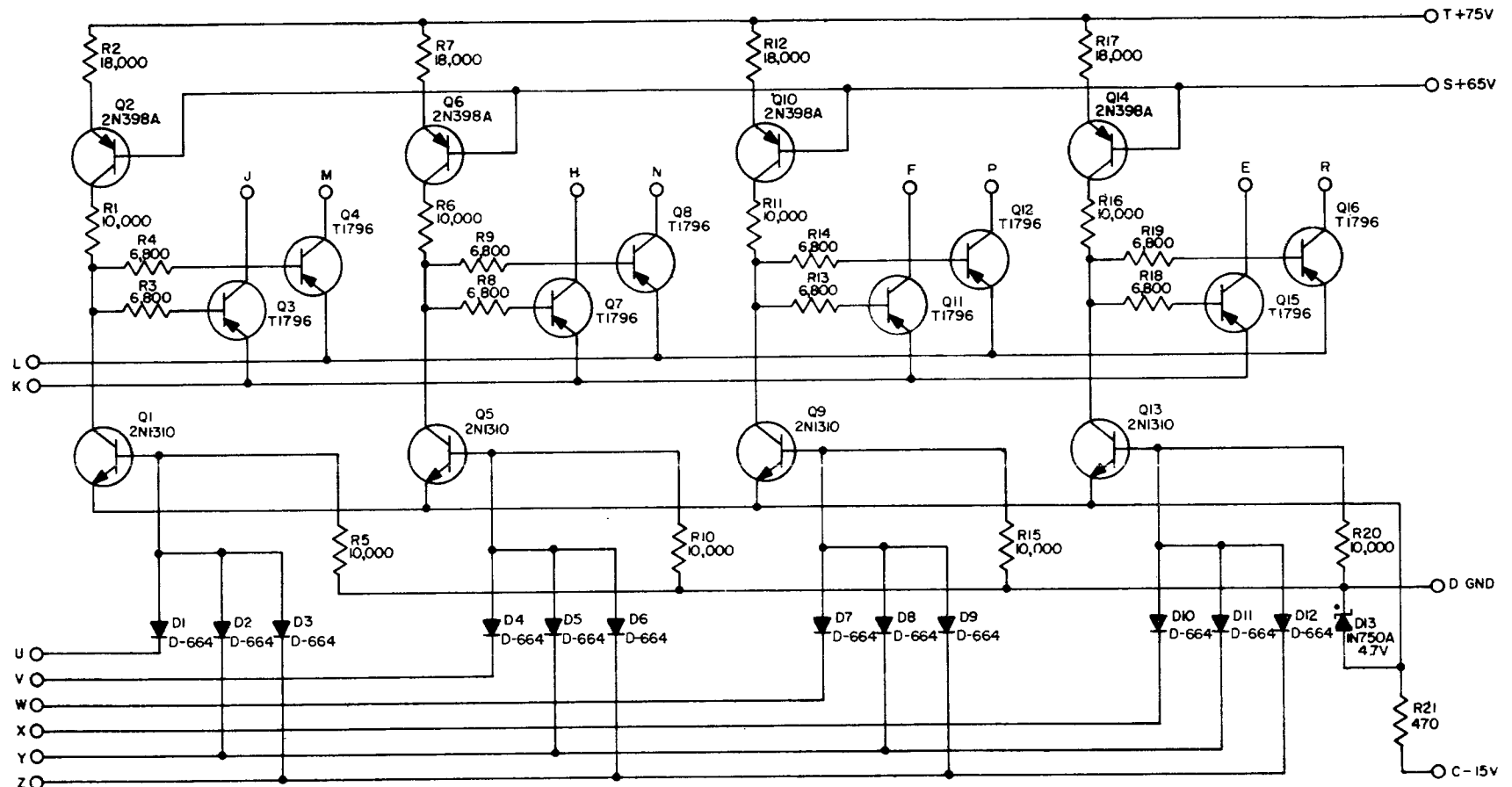
DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W; 10%
CAPACITORS ARE MMFD

TRANSISTOR & DIODE CONVERSION CHART				NOTES	THIS SCHEMATIC IS FURNISHED ONLY FOR TEST AND MAINTENANCE PURPOSES. THE CIRCUITS ARE PROPRIETARY IN NATURE AND SHOULD BE TREATED ACCORDINGLY.	RESISTOR BOARD 1978		
DEC	EIA	DEC	EIA			C.D.	RS-B-1978	5
					COPYRIGHT 1983 BY DIGITAL EQUIPMENT CORPORATION	RESISTOR BOARD 1978		

RS-1981-2



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/2 W, 10 %

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N398A	2N398A		
TI796	TI796		
2N1310	2N1310		
D-664	1N914		
1N750A 4.7V	1N750A 4.7V		

NOTES

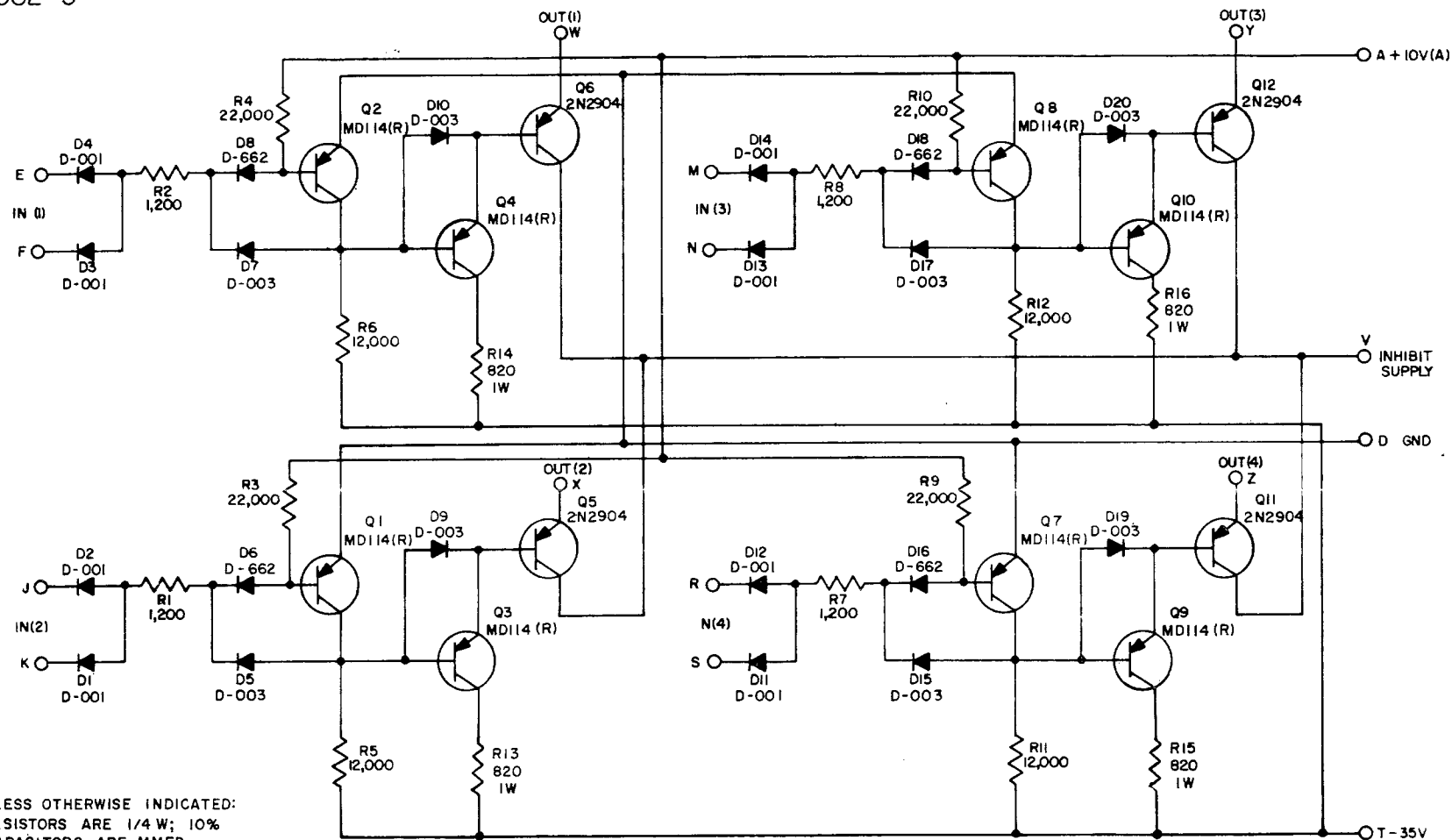
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
A													RS-1981										2		
SENSE SWITCH 1981																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

PS-1982-5



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W; 10%
CAPACITORS ARE MMFD

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D-001	IN276		
D-003	IN994		
D-662	IN645		
MD114 (R)	*2N1499A		
2N2904	2N2904		

NOTES
*SELECTED FOR $V_{CES} = 40V @ 100\mu A$

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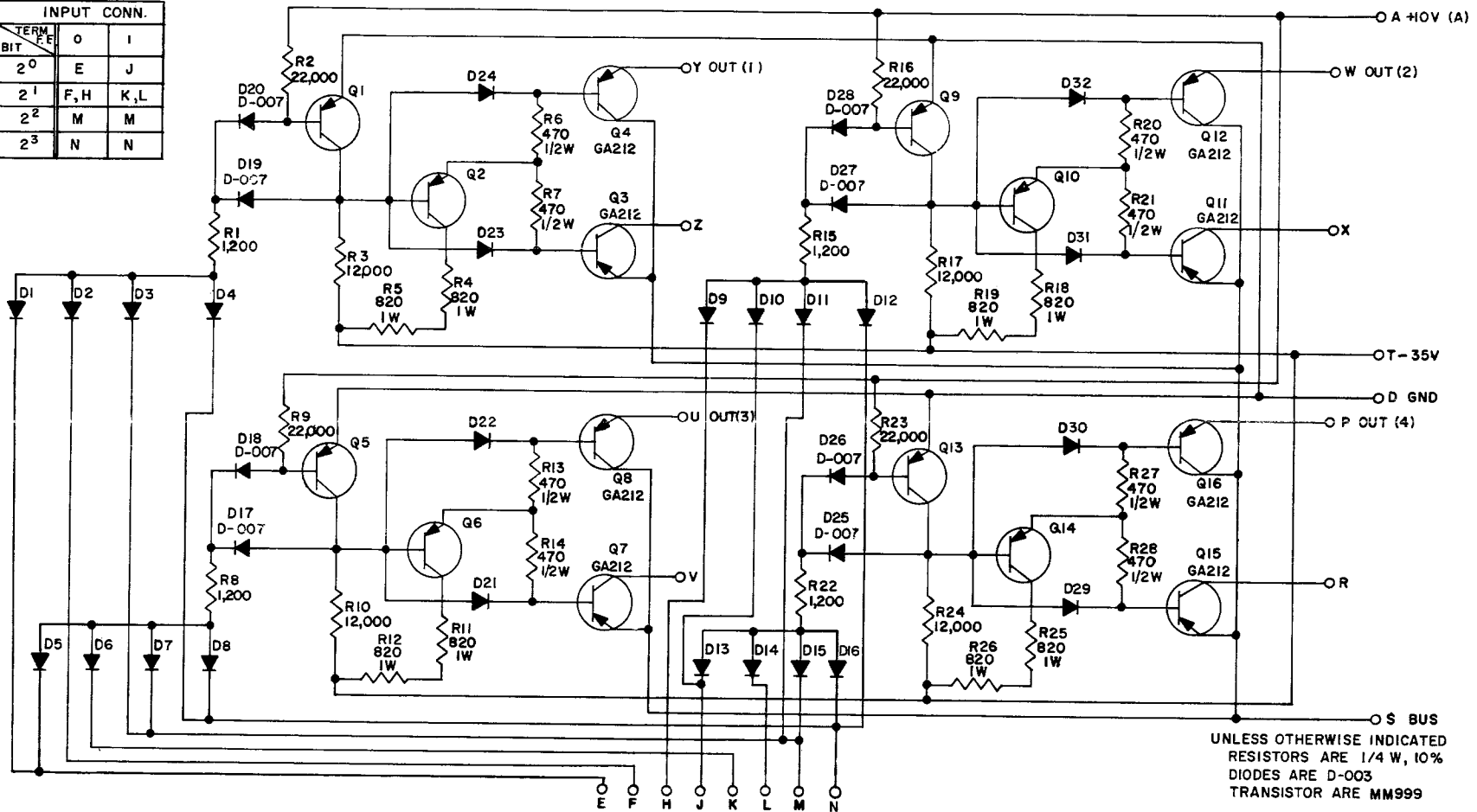
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
D										RS-1982										5					
INHIBIT DRIVER 1982																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1987-5

INPUT CONN.			
TERM	BIT	O	I
	2 ⁰	E	J
	2 ¹	F, H	K, L
	2 ²	M	M
	2 ³	N	N



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
GA212	2N559		
MM999	MM999		
D-007	1N277		
D-003	1N994		

NOTES

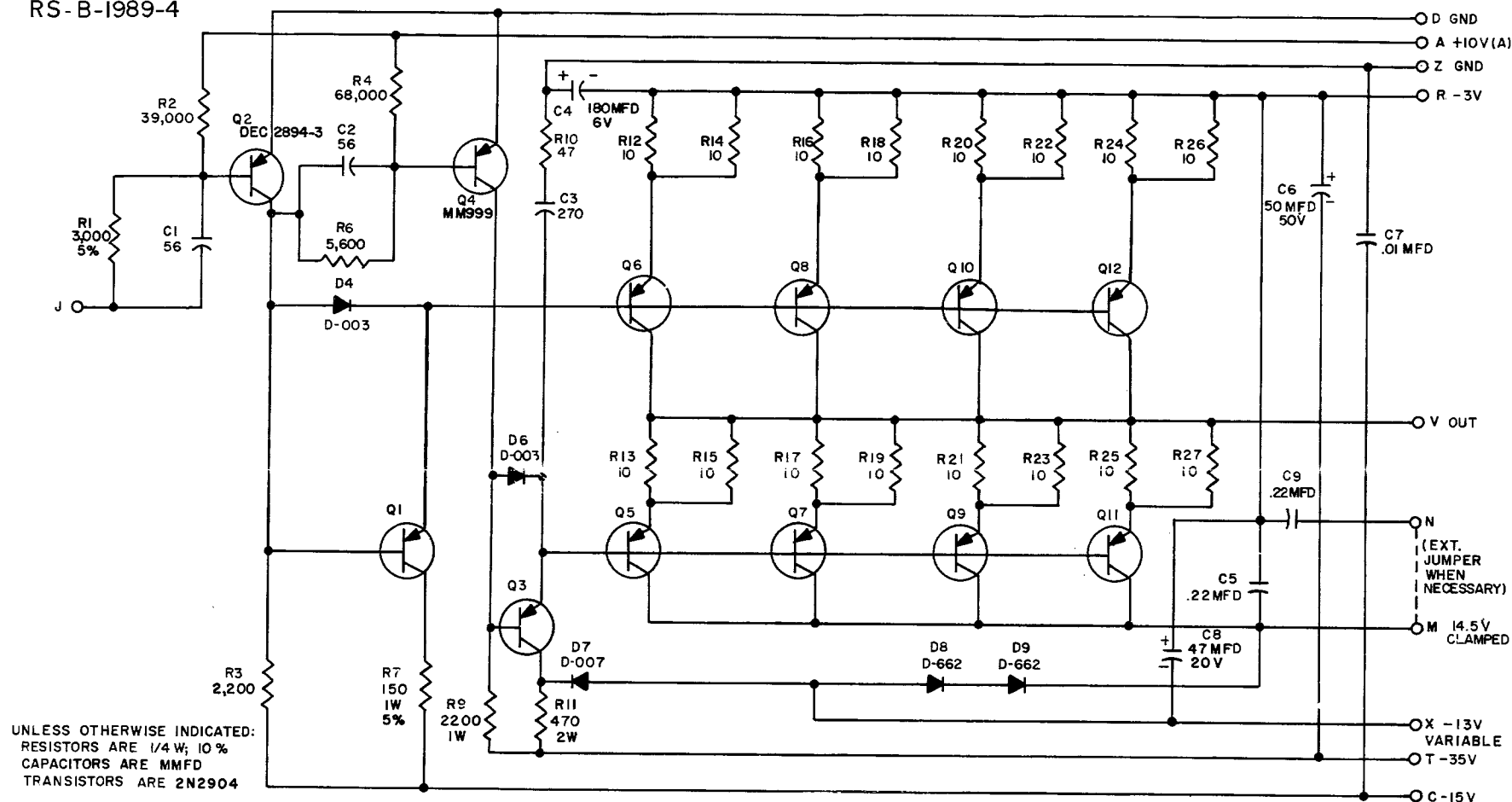
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
C													RS-B-1987										5		
READ-WRITE SWITCH 1987																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS - B - 1989 - 4



TRANSISTOR & DIODE CONVERSION CHART			
DEC		EIA	
DEC2894-3	DEC2894	DEC	EIA
2N2904	2N2904	MM999	MM999
D-0VJ	IN994		
D-007	IN277		
D-662	IN645		

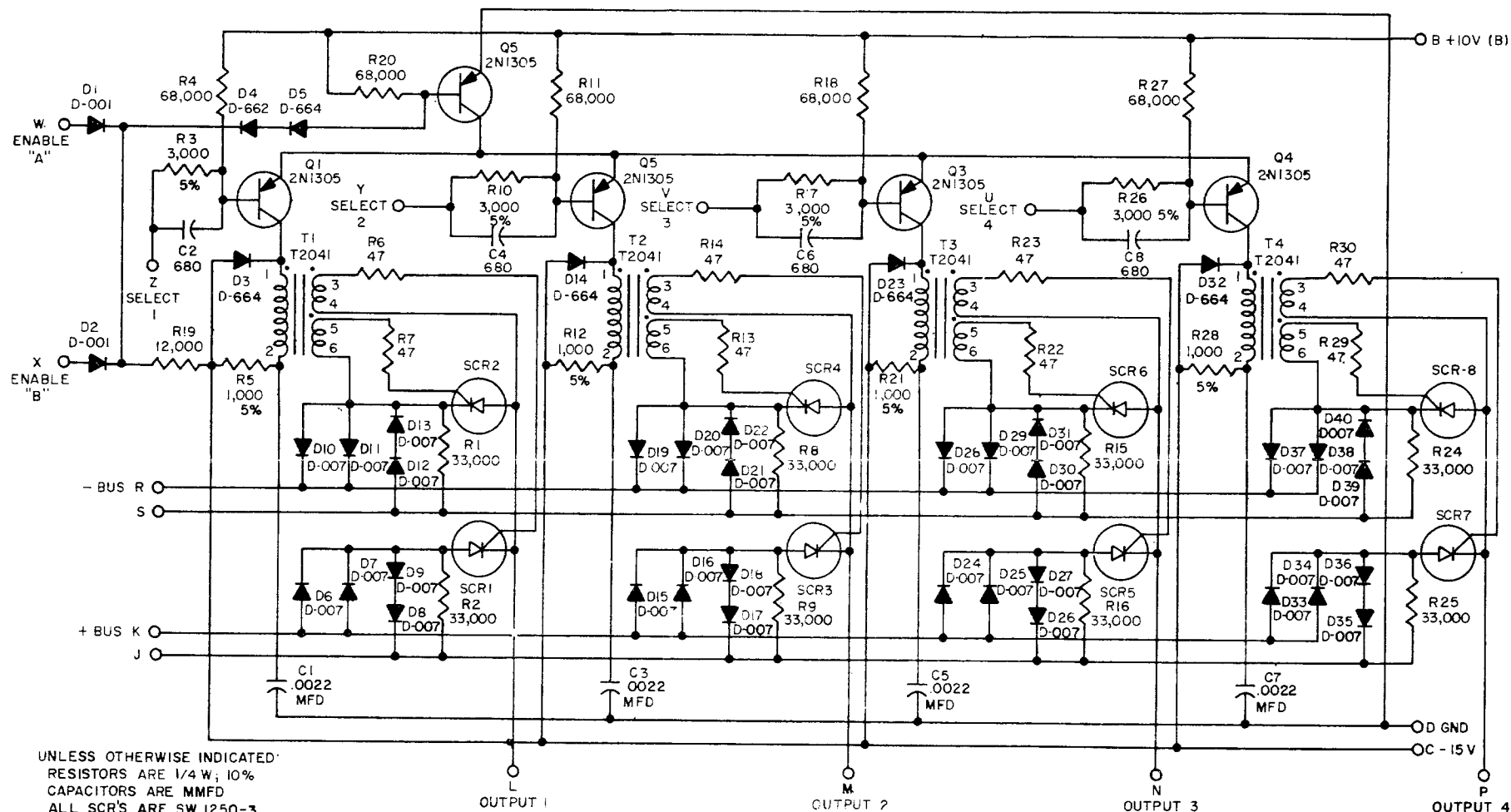
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
D													RS-B-1989										4		
MEMORY DRIVER 1989																									

RS-1990-3



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N1305	2N1305	D-664	1N914
SW 1250-3	SW 1250-3		
D-001	1N276		
D-007	1N277		
D-662	1N645		

NOTES

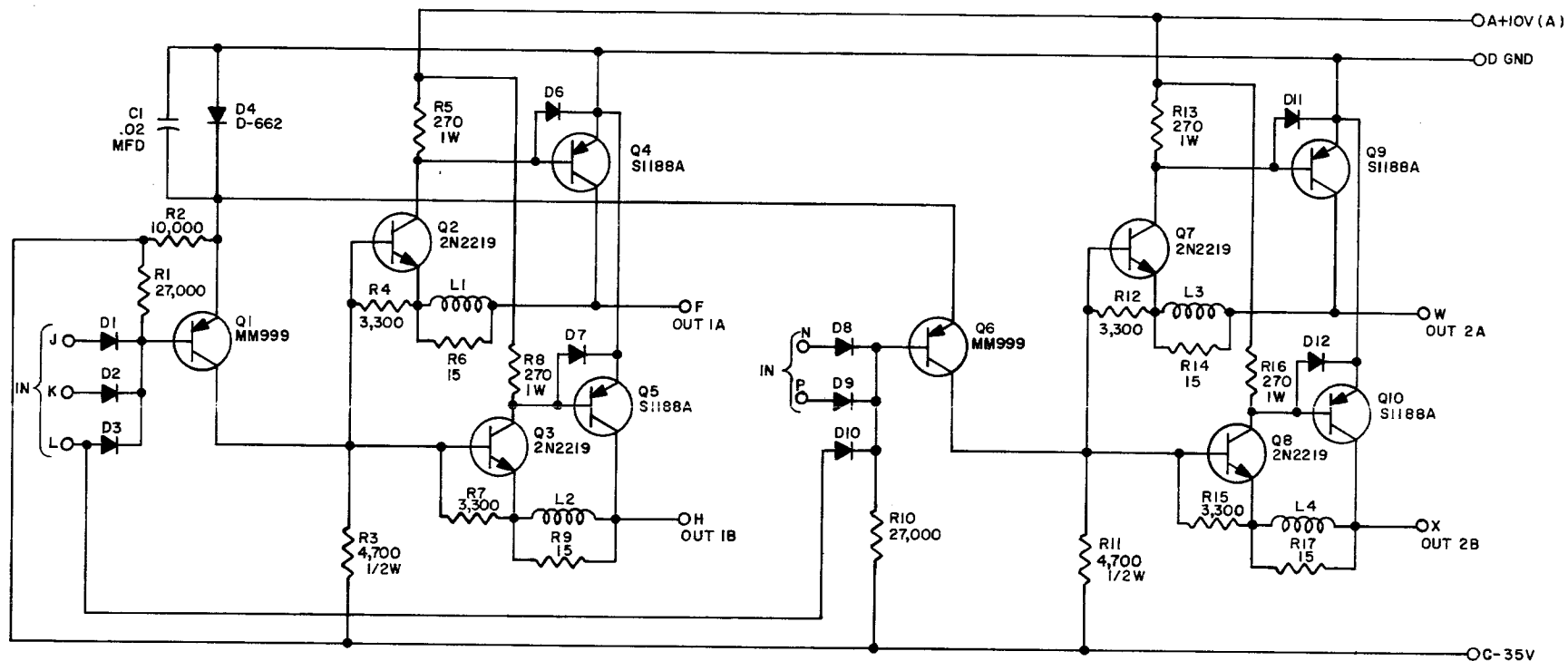
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A RS-1990 3		
READ WRITE SWITCH 1990		

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1991-I



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 10%
L1-L4 ARE ESSEX RFC-M 3.3 uH
DIODES ARE D-003

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
MM999	MM999		
2N2219	2N2219		
S1188A	S1188A		
D-003	IN994		
D-662	IN645		

NOTES

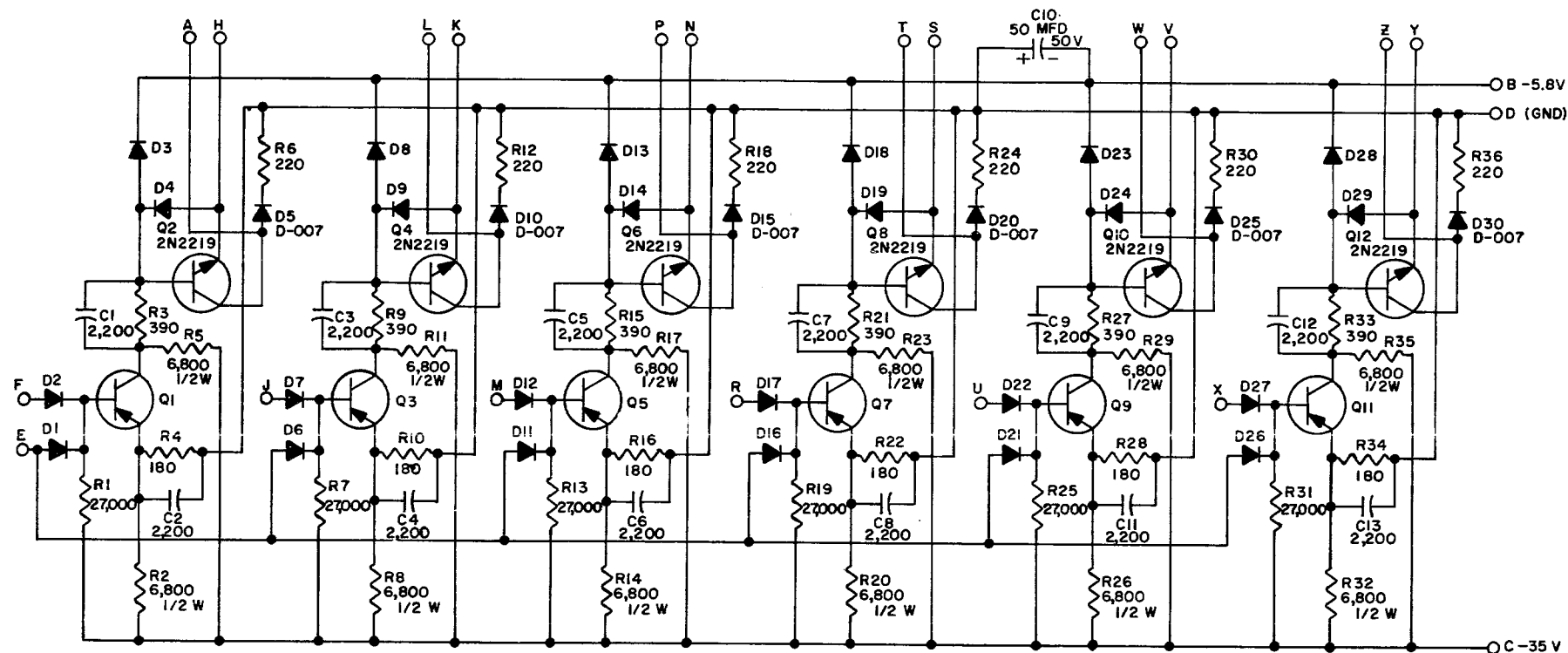
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
D									RS-B-1991												I				
INHIBIT FIELD SELECT 1991																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1992-1



UNLESS OTHERWISE INDICATED:

RESISTORS ARE 1/4 W, 10%

CAPACITORS ARE MMFD

DIODES ARE D-003

TRANSISTORS ARE MM999

(Were 2N1754)

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N2219	2N2219		
MM999	MM999		
D-003	IN994		
D-007	IN277		

NOTES

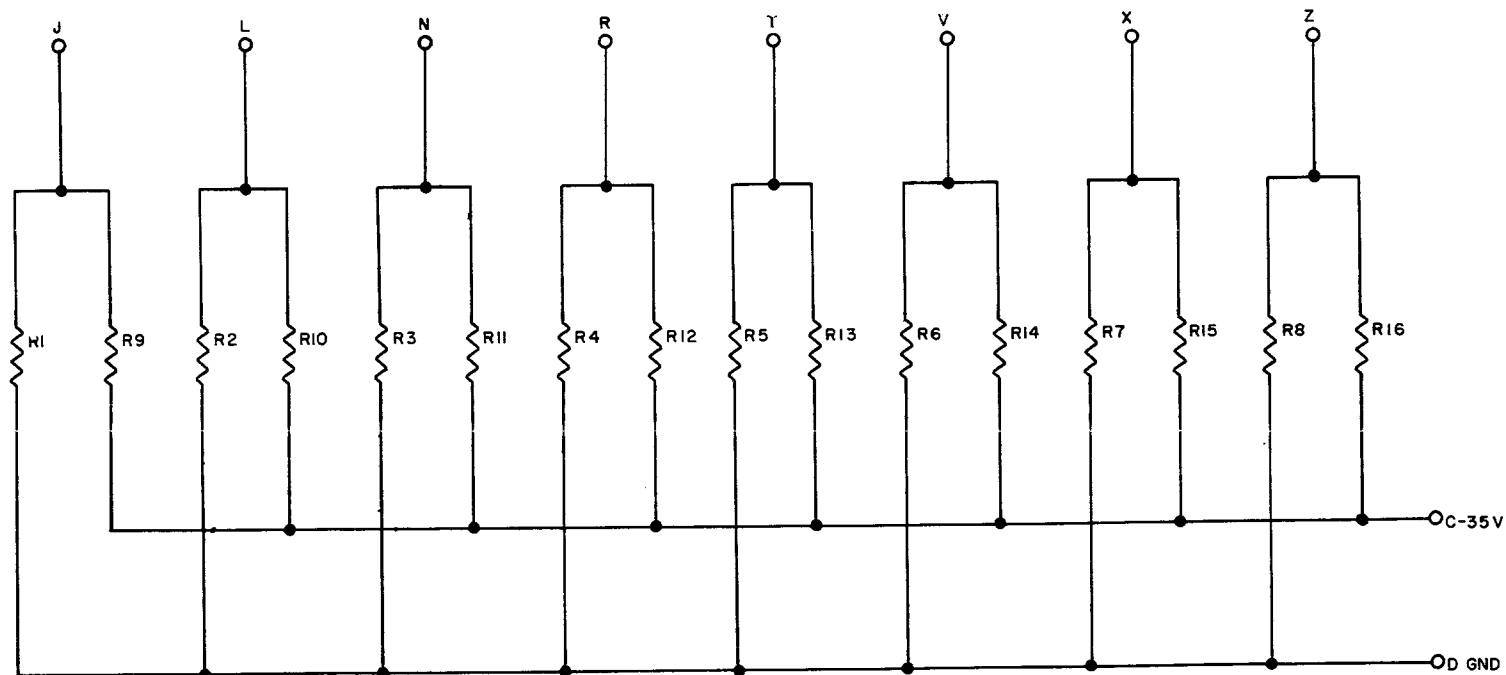
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																										
B													RS-B-1992													I
INHIBIT DRIVER 1992																										

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-1993-1



UNLESS OTHERWISE INDICATED:
 R1-R8 ARE 3,900 OHMS; 1/2W; 5%
 R9-R16 ARE SPRAGUE KOOL-OHM 453E6015; 600 OHMS; 5W; 5%

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA

NOTES

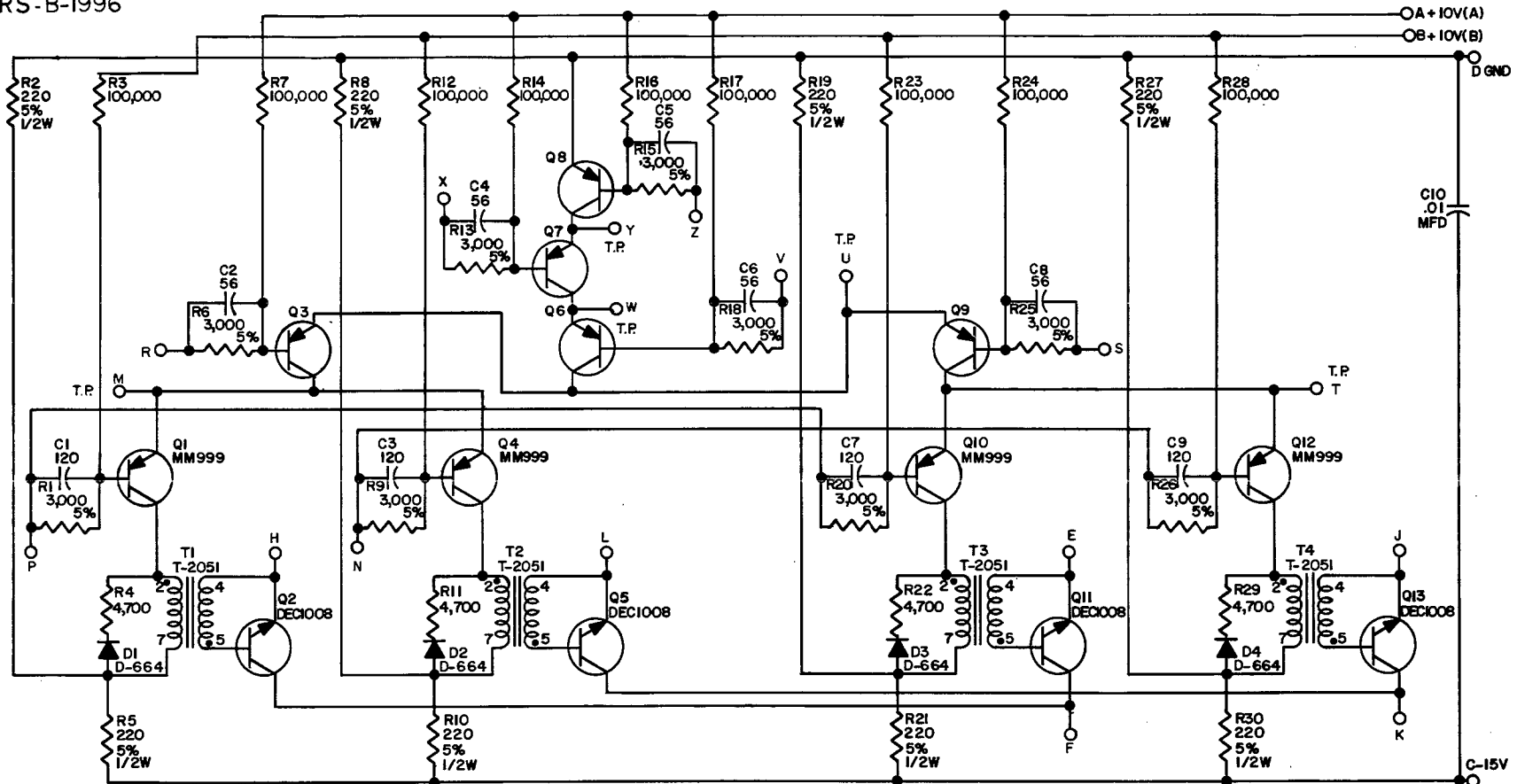
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4 8 0 6 U 1 2 7 5 3 2 8 4 9 5 0 0 0		
D	RS-1993	I
INHIBIT FIELD SELECT RESISTORS 1993		

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1996



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 10%
CAPACITORS ARE MMFD
TRANSISTORS ARE DEC2894-I

TRANSISTOR & DIODE CONVERSION CHART			
DEC		EIA	
DEC1008		DEC1008	
DEC2894-I		DEC2894	
MM999		MM999	
D-664		IN94	

NOTES

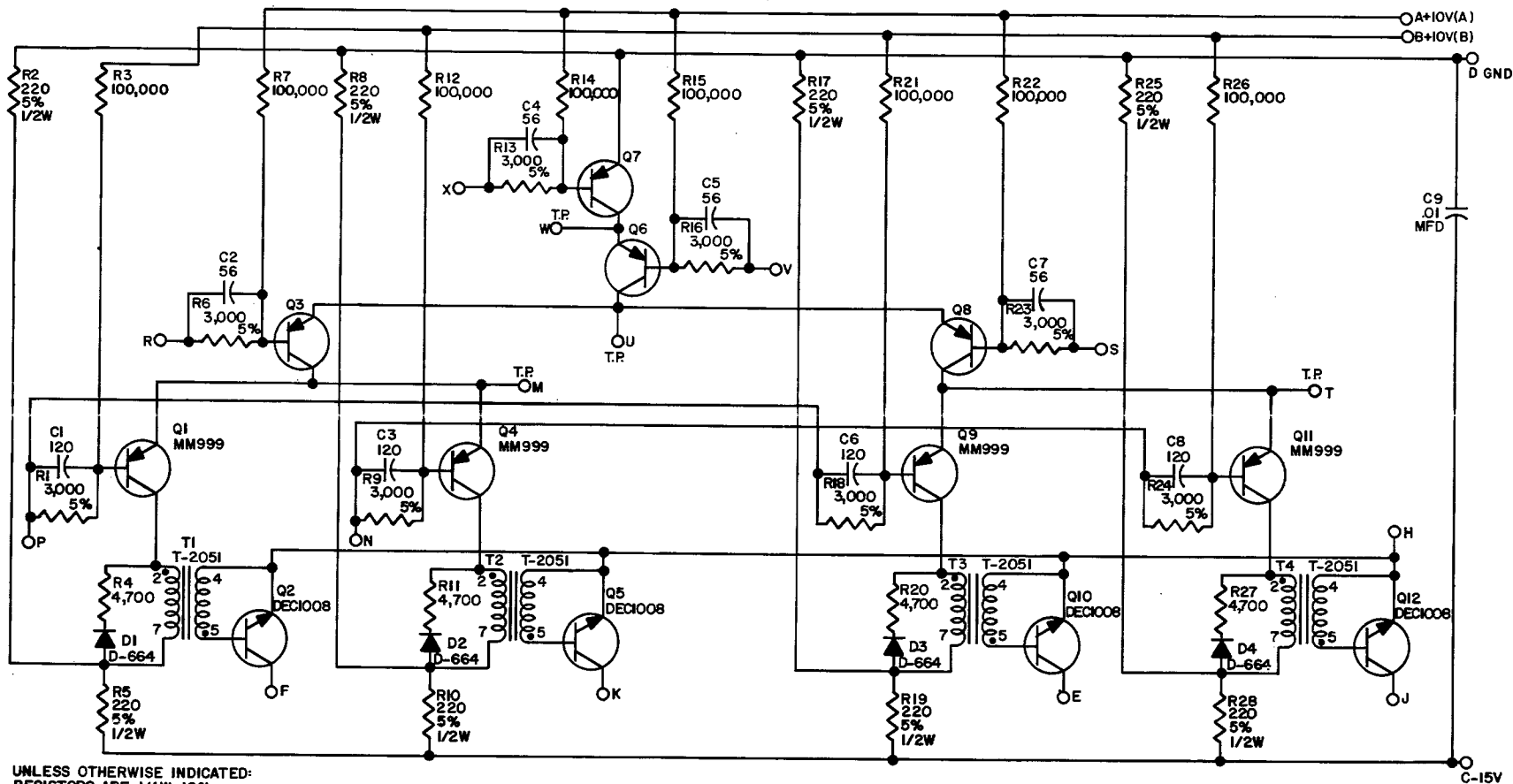
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
A										RS-B-1996															
MEMORY DRIVER 1996																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1997



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 10%
CAPACITORS ARE MMFD
TRANSISTORS ARE DEC 2894-I

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC1008	DEC1008		
DEC2894-I	DEC2894		
MM999	MM999		
D-664	IN914		

NOTES

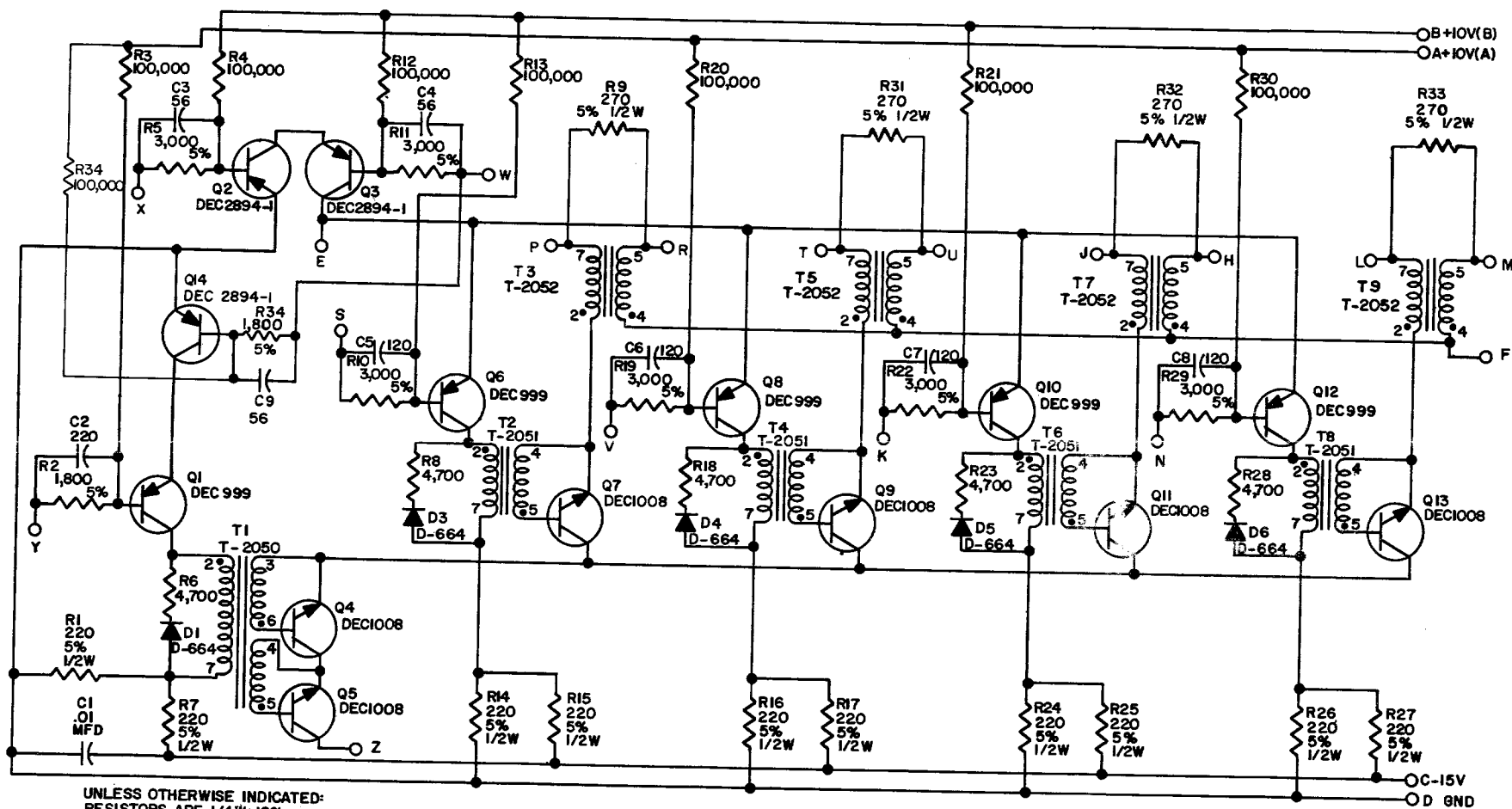
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z										
A												RS-B-1997																							
MEMORY SELECTOR 1997																																			

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1998-2



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D-664	D-664		
DEC1008	DEC1008		
DEC2894-1	DEC2894		
DEC999	MM999		
D-664	1N3608		

NOTES

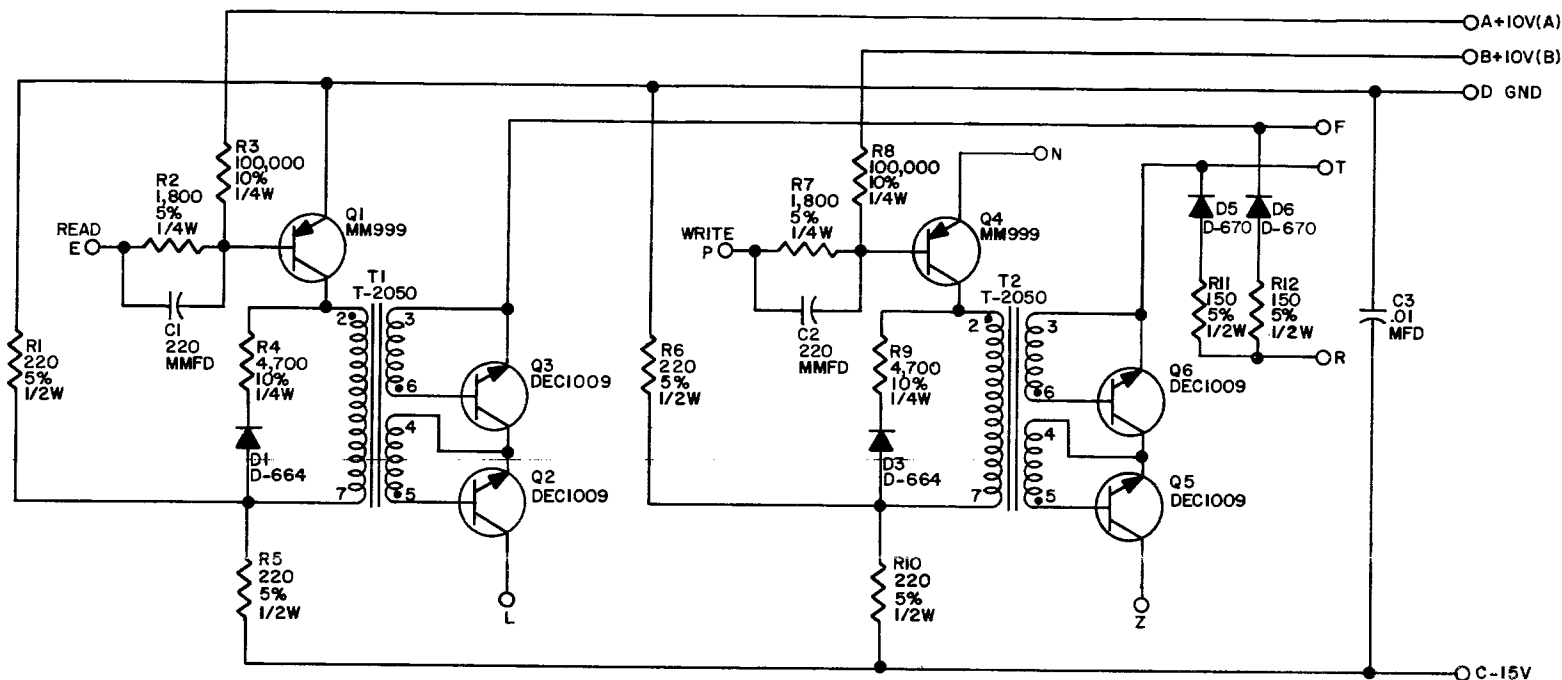
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
C							RS-B-1998												2						
INHIBIT DRIVER 1998																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-1999-3



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC1009	DEC1009		
MM999	MM999		
D-664	IN914		
D-666	D-666		
D-670	IN3653		

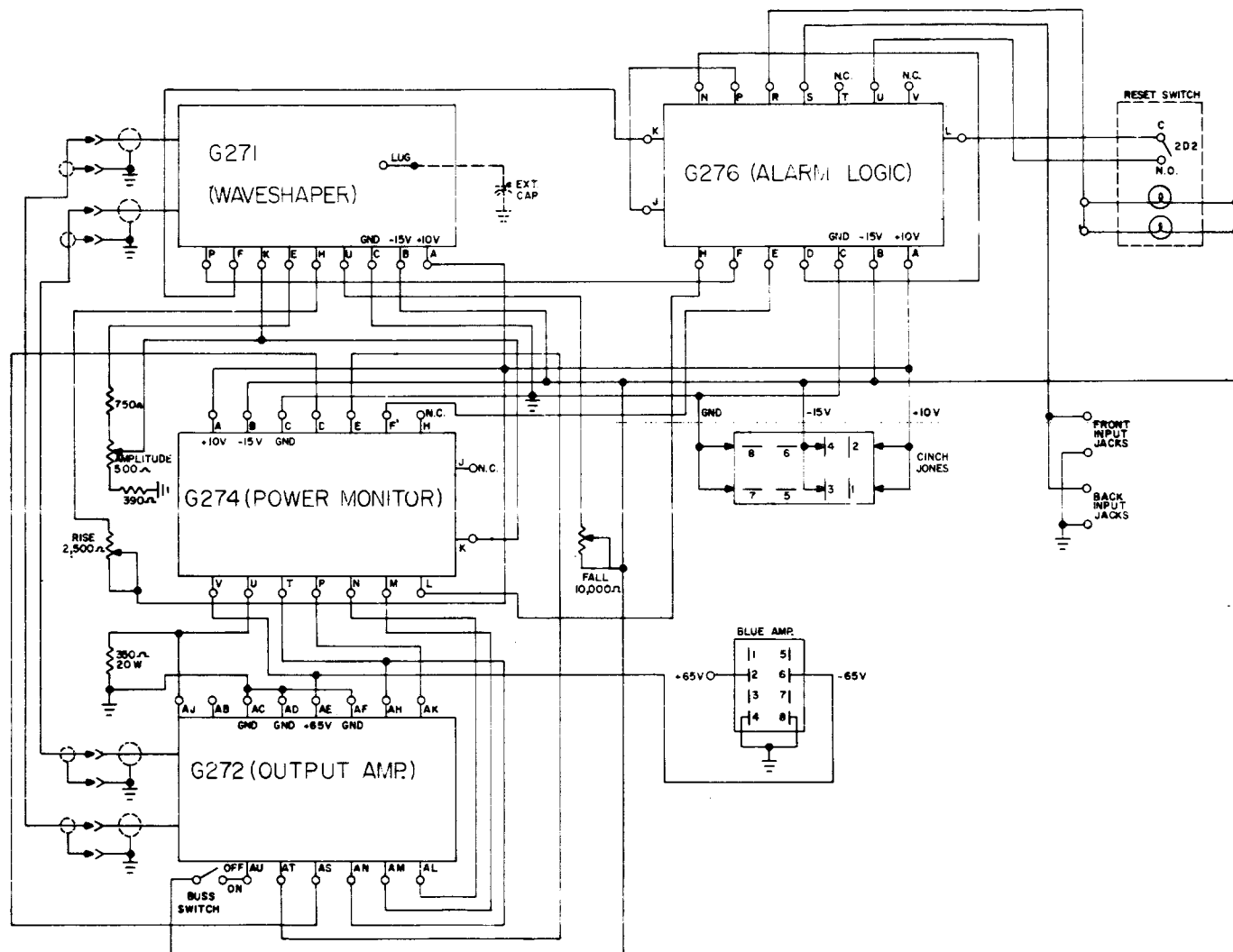
NOTES

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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
B												RS-B-1999												3	
MEMORY PULSER 1999																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS



THERMISTOR & DIODE CONVERSION CHART			
TEMP	TEMP	TEMP	TEMP

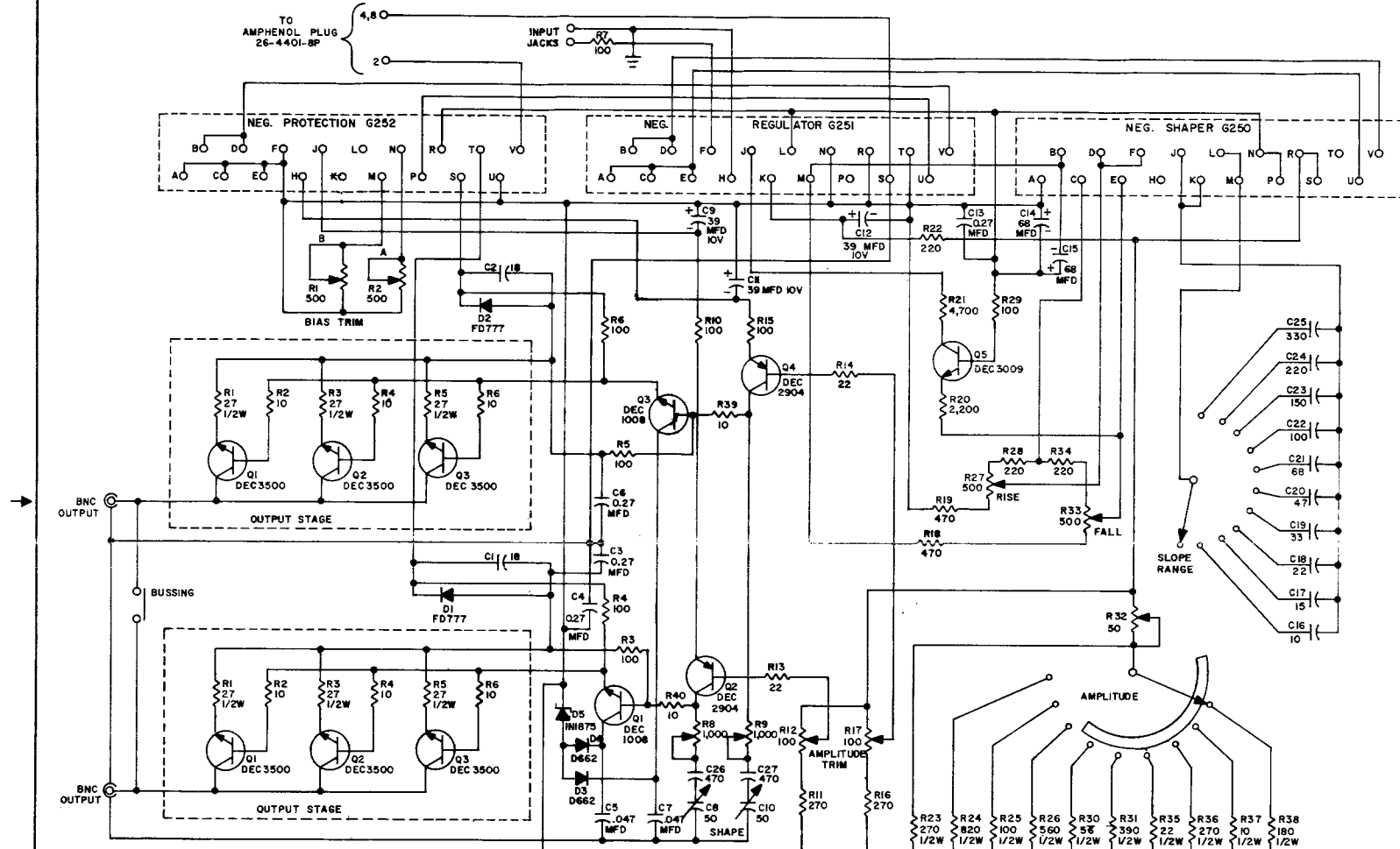
NOTES

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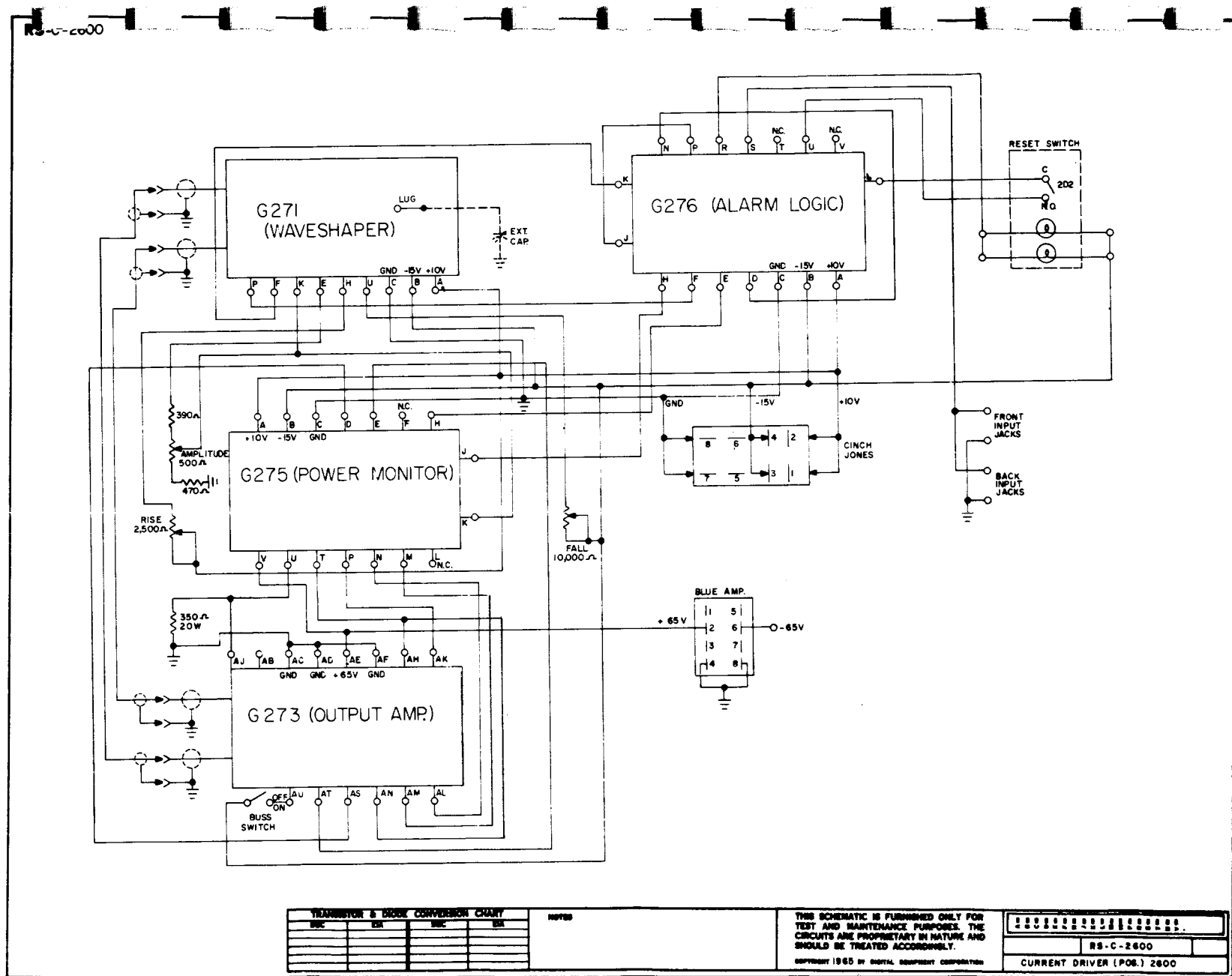
RS-C-2500	
CURRENT DRIVER (NEG) 2500	

USES. THE
DINGLY.

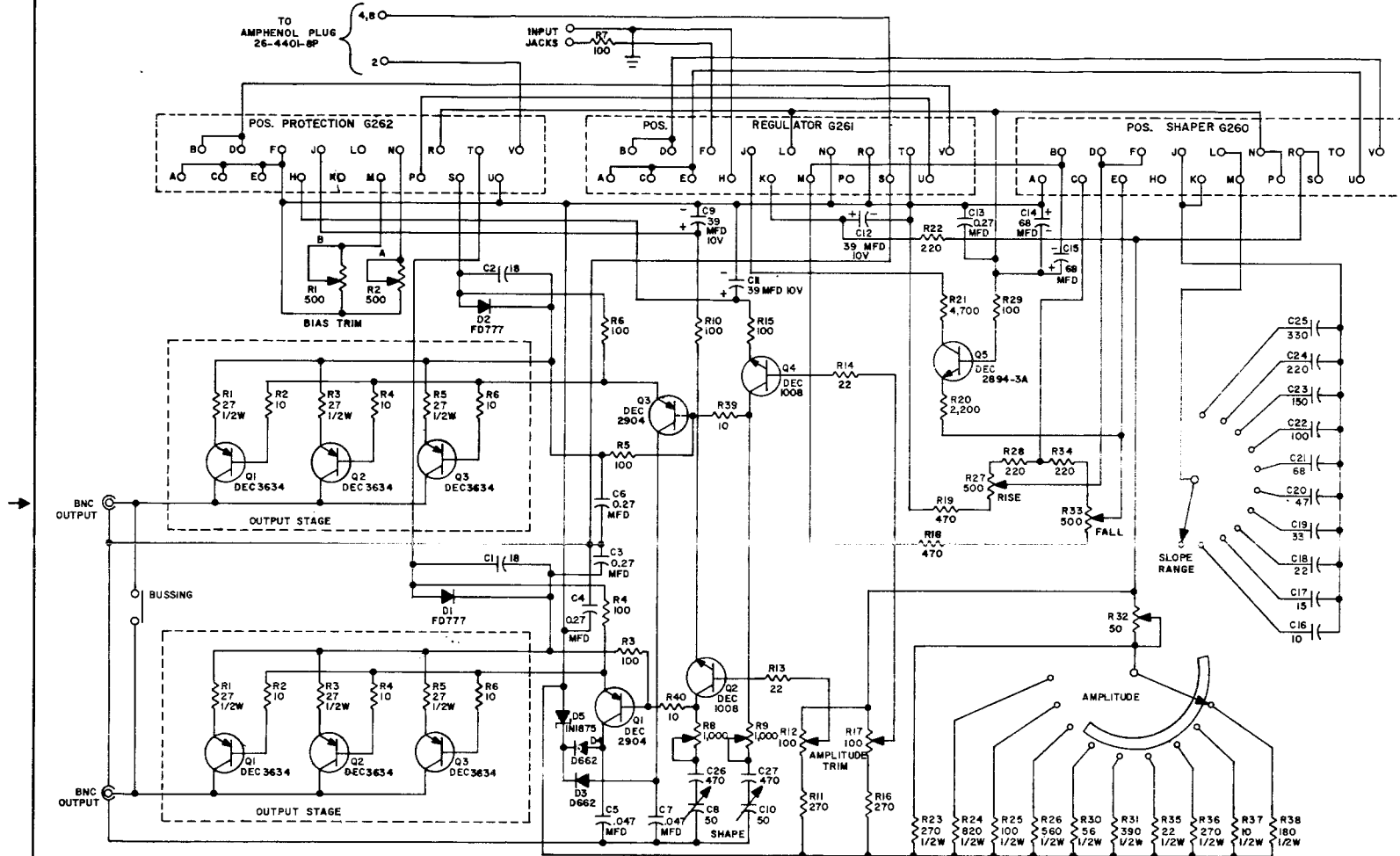


UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W;10%
CAPACITORS ARE MMFD

DATE 8-5-66	TRANSISTOR & DIODE CONVERSION CHART				 EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE NEGATIVE	
DEC	EIA	DEC	EIA	CURRENT DRIVER 2503			
8-3-66	DEC1004	MM1004	F0777	SAME		SIZE	CODE
8-3-66	DEC2904	2N1132	1N1875	SAME		NUMBER	REVISION
8-3-66	DEC3209	2N3309				C	CS
8-3-66	DEC3300	2N3300			2503-0-2		
8-3-66	DEC3300	2N3300			PRINTED CIRCUIT		
8-3-66	DEC3300	2N3300			A		



DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 10%
CAPACITORS ARE MMFD

REV	DATE	BY	CHK
1	7-3-66	W. J. ...	...
2	7-3-66	W. J. ...	...
3	7-3-66	W. J. ...	...

DEC FORM NO.
DNC 102

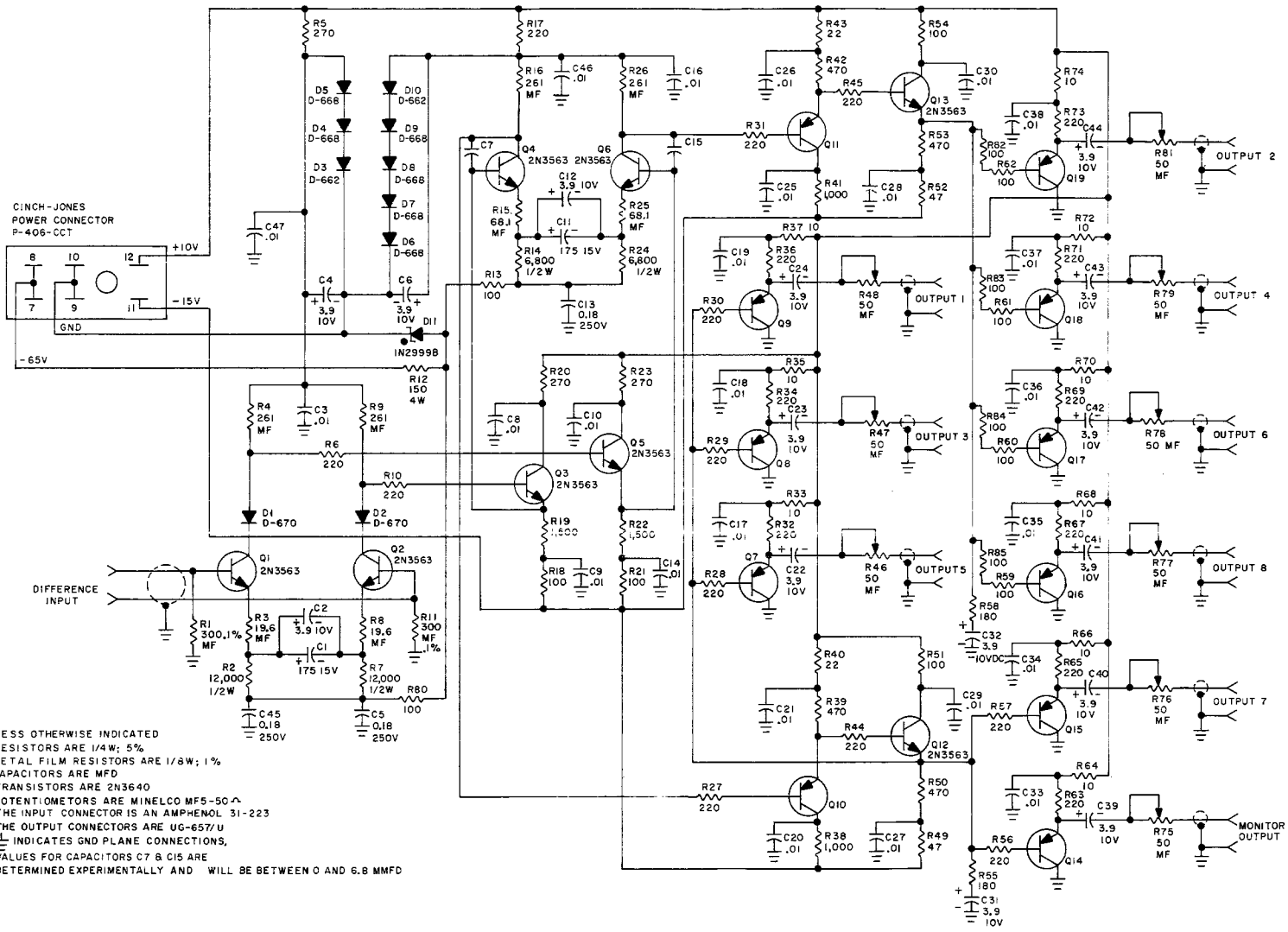
DATE	BY	CHK
7-3-66	W. J. ...	...
7-3-66	W. J. ...	...
7-3-66	W. J. ...	...

TRANSISTOR & DIODE CONVERSION CHART			
DATE	BY	CHK	DATE
DEC 1008	MM1008	FD777	...
DEC 2904	2N1132	IN1875	...
DEC 2894-3A	NONE	...	...
DEC 3634	2N3634	...	...
DEC 662	IN642	...	...

TITLE		NUMBER		REV	
POSITIVE CURRENT DRIVER 2603		C CS 2603-0-2		A	
DIGITAL EQUIPMENT CORPORATION		MAYNARD, MASSACHUSETTS		PRINTED CIRCUIT REV.	

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-C-2700-1



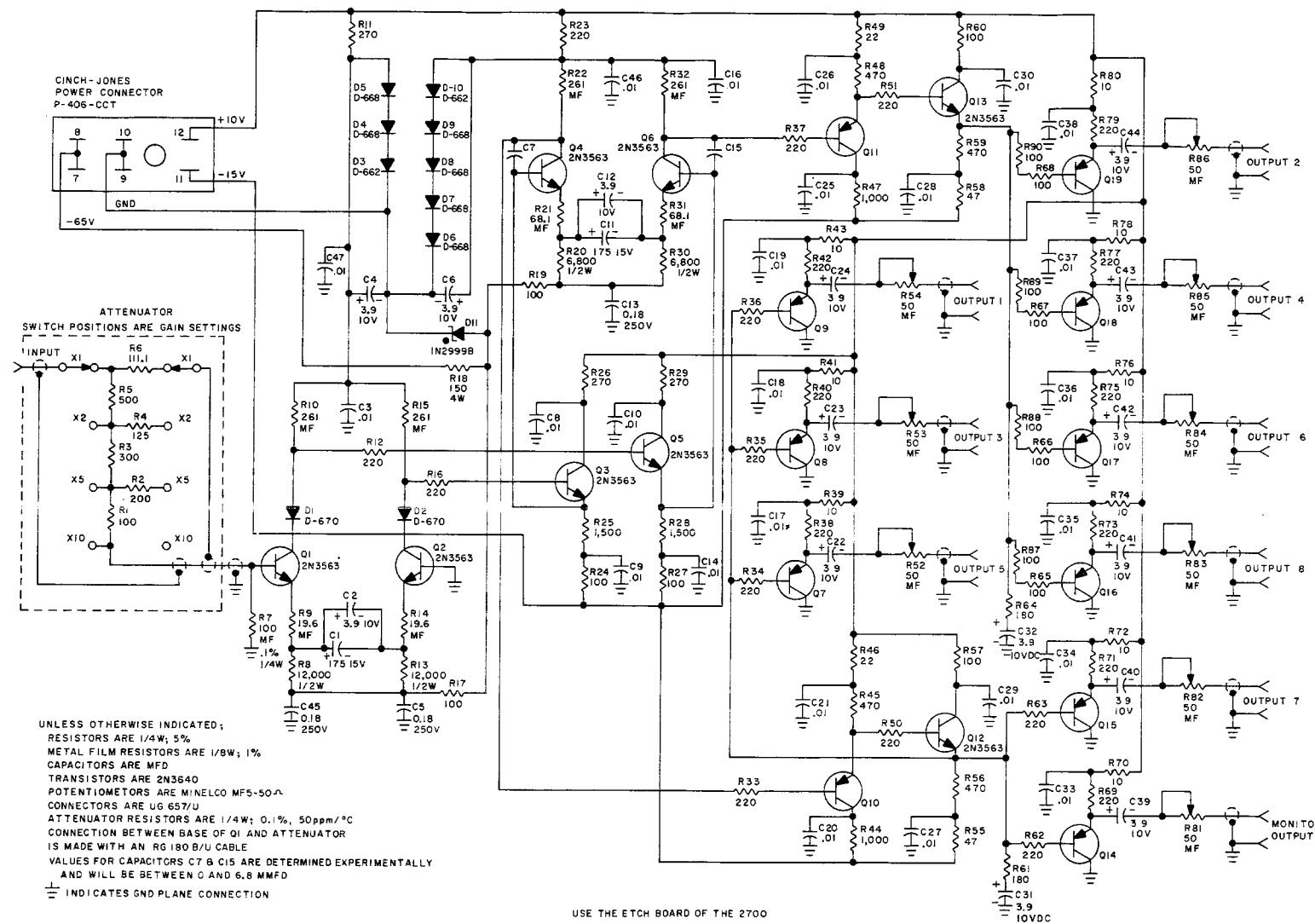
UNLESS OTHERWISE INDICATED
 RESISTORS ARE 1/4W; 5%
 METAL FILM RESISTORS ARE 1/8W; 1%
 CAPACITORS ARE MFD
 TRANSISTORS ARE 2N3640
 POTENTIOMETERS ARE MINELCO MF5-50A
 THE INPUT CONNECTOR IS AN AMPHENOL 31-223
 THE OUTPUT CONNECTORS ARE UG-657/U
 ⊥ INDICATES GND PLANE CONNECTIONS,
 VALUES FOR CAPACITORS C7 & C15 ARE
 DETERMINED EXPERIMENTALLY AND WILL BE BETWEEN 0 AND 6.8 MMFD

TRANSISTOR & DIODE CONVERSION CHART			
DES	DA	DES	DA
2N3563	2N3563		
2N3640	2N3640		
D-662	1N453		
D-668	1N5683		
D-669	1N5683		

NOTES
 * TWO 1N3606 IN SERIES

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B		RS-C-2700	I
DIFFERENCE AMPLIFIER 2700			



TRANSISTOR & DIODE CONVERSION CHART			
DEC	2N	DEC	2N
2N3440	2N3640	2N3563	2N3563
2N3563	2N3563	D-668	1N455
D-668	1N455	D-670	1N455
D-670	1N455	D-668	1N455

NOTES

* TWO IN 18060 IN SERIES

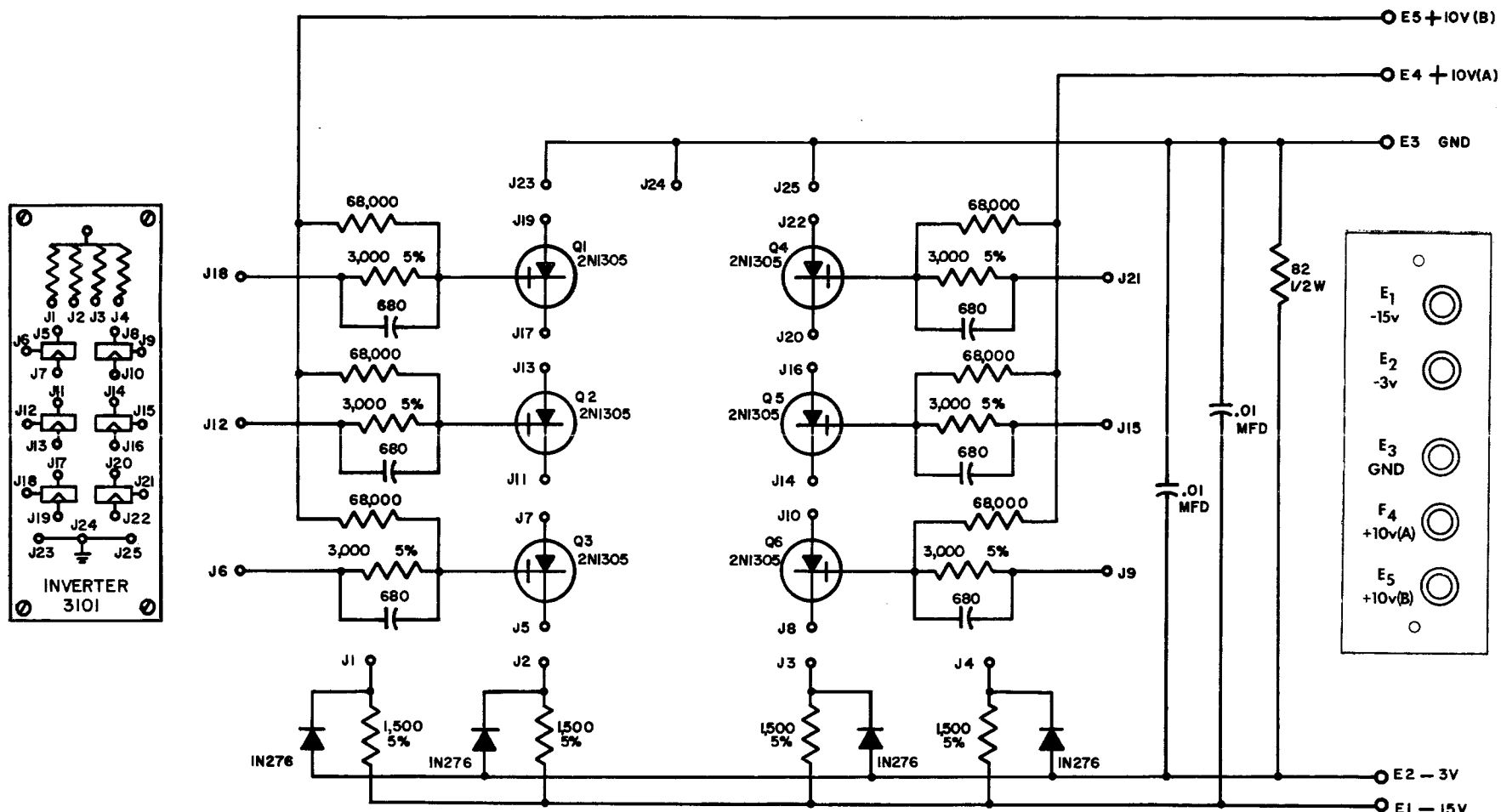
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B		RS-C-2701
VARIABLE GAIN AMPLIFIER 2701		

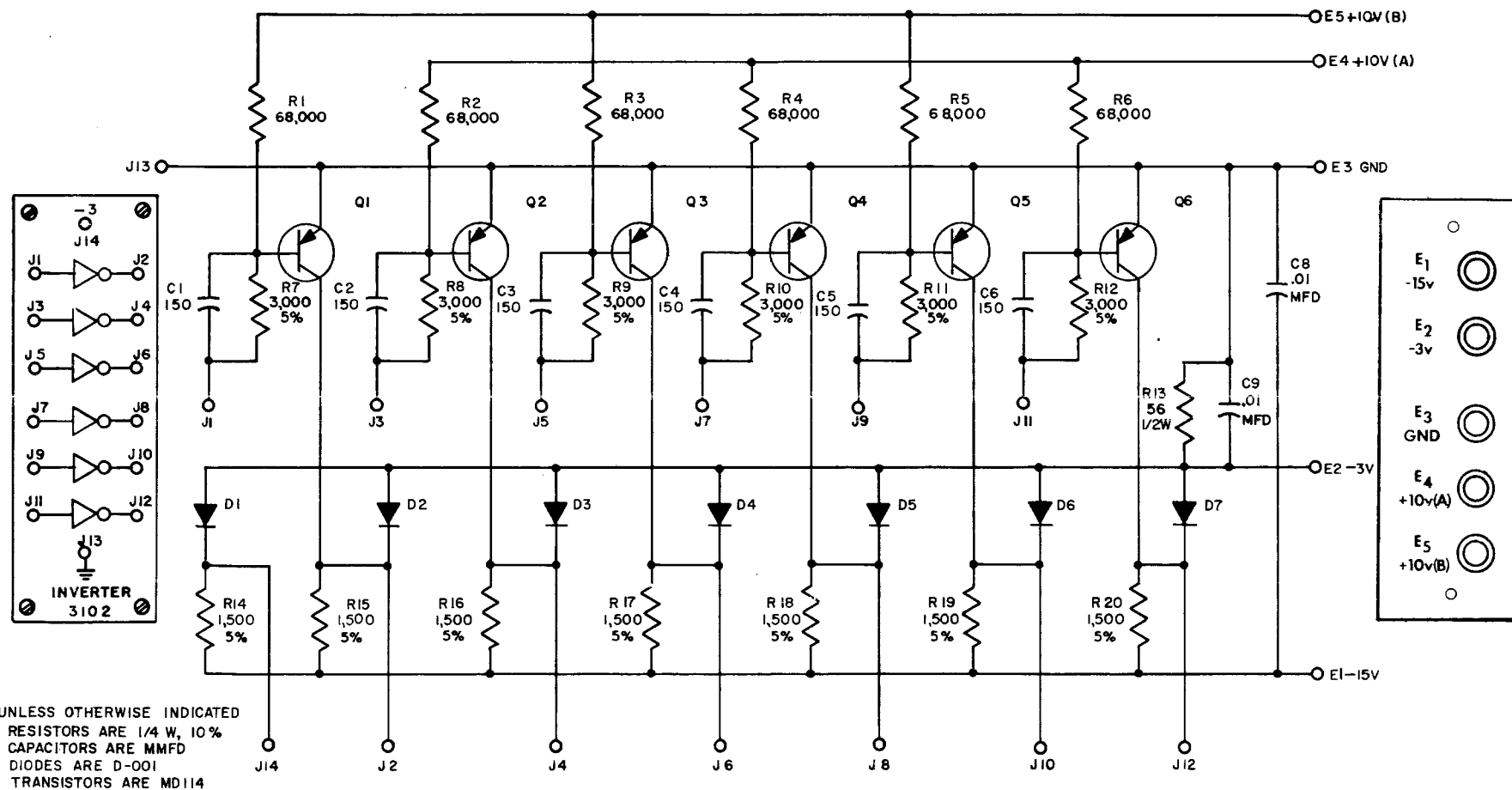
DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-310I-5



DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

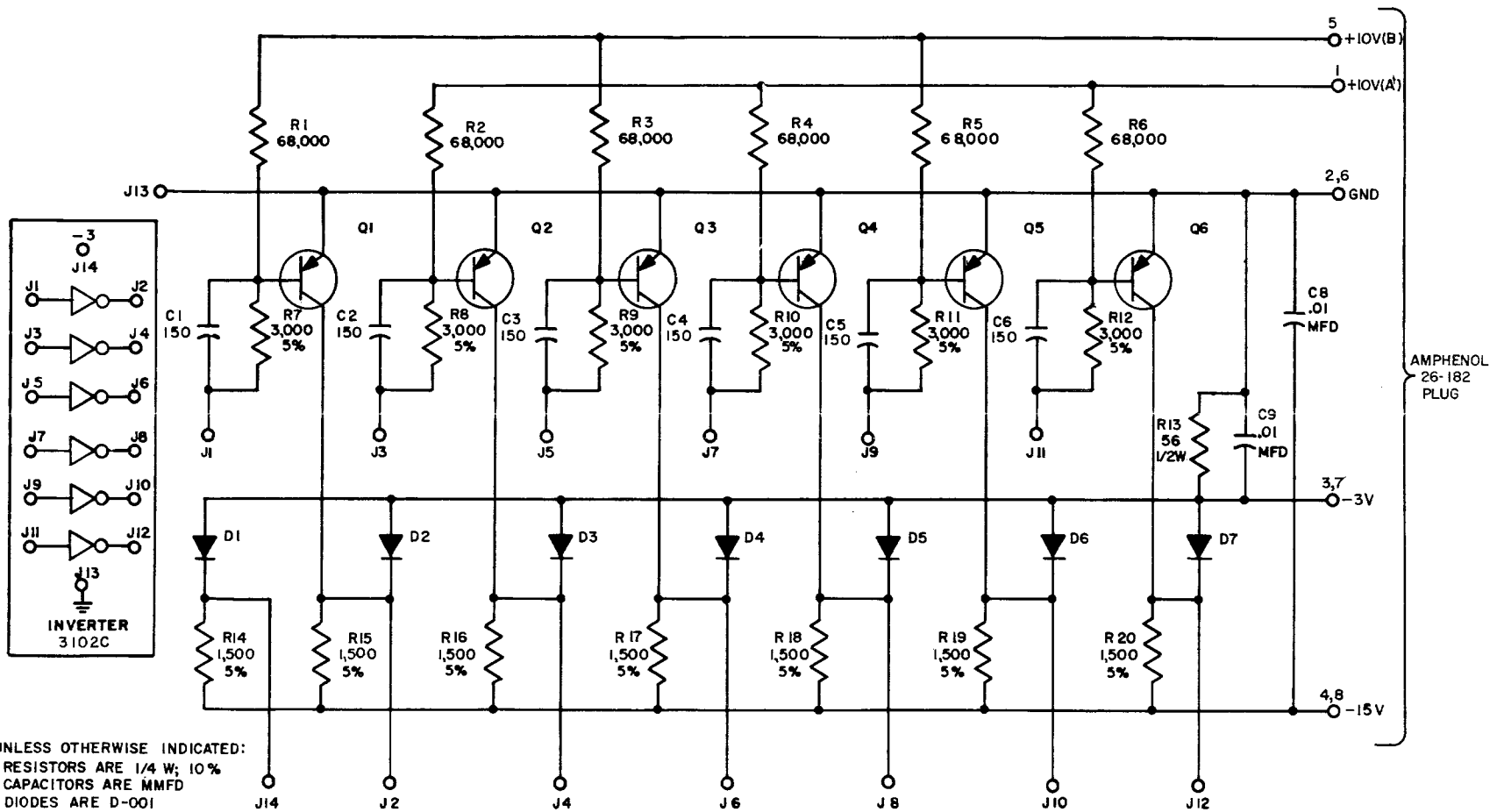
RS-3102-5



TRANSISTOR & DIODE CONVERSION CHART				NOTES	THIS SCHEMATIC IS FURNISHED ONLY FOR TEST AND MAINTENANCE PURPOSES. THE CIRCUITS ARE PROPRIETARY IN NATURE AND SHOULD BE TREATED ACCORDINGLY.			
DEC	EIA	DEC	EIA					
D-001	IN276							
MD114	2N1499A							
					COPYRIGHT 1963 BY DIGITAL EQUIPMENT CORPORATION			
					A, B	RS-3102	5	
					INVERTER 3102			

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RS-3102C-1



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
MD114	2N1499A		
D-001	1N276		

NOTES

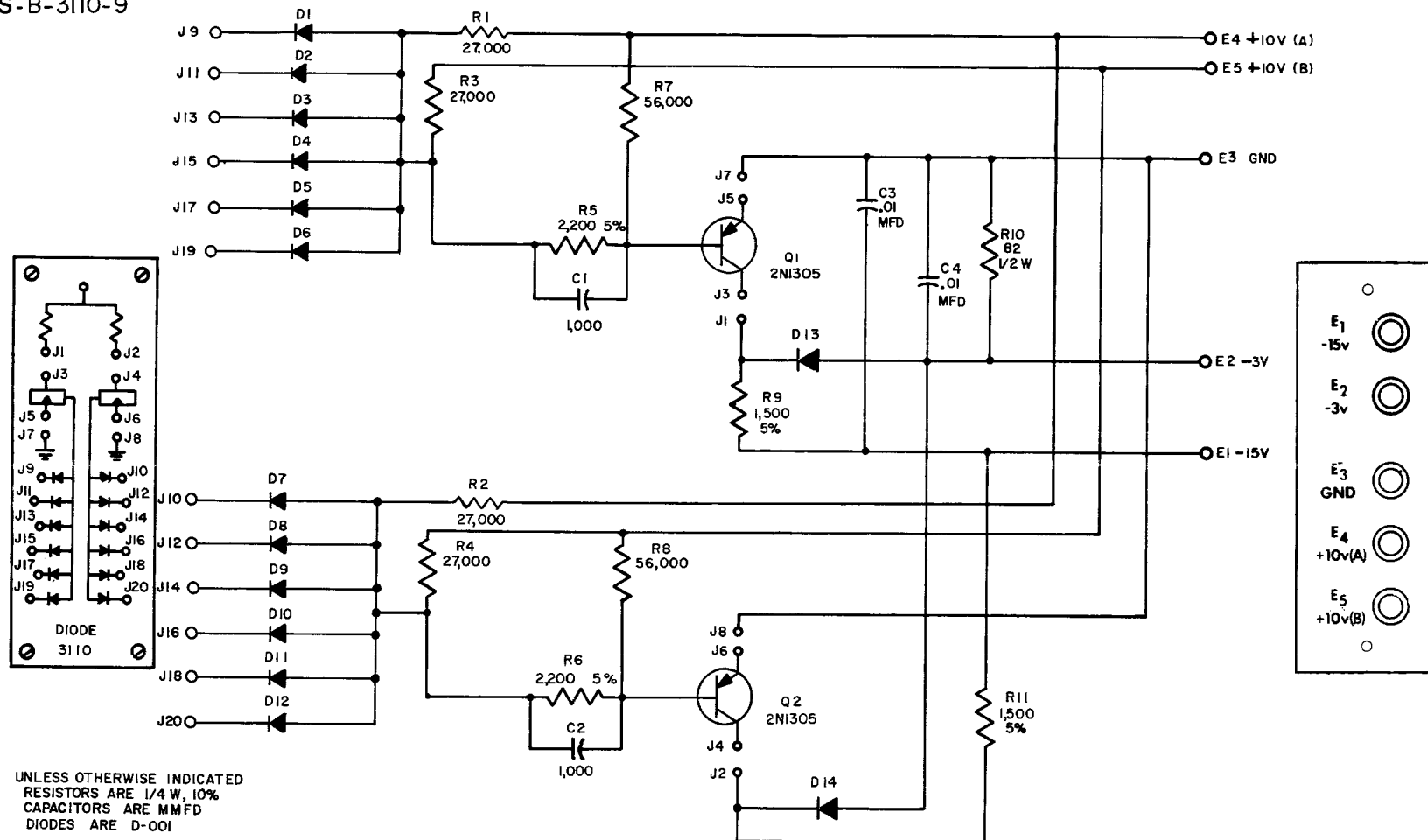
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A,B	RS-3102C	I
INVERTER 3102C		

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-3110-9



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N1305	2N1305		
D-001	1N276		

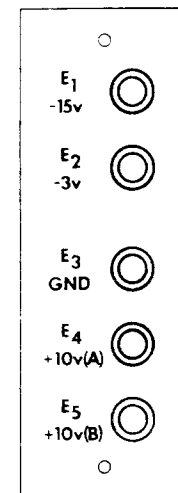
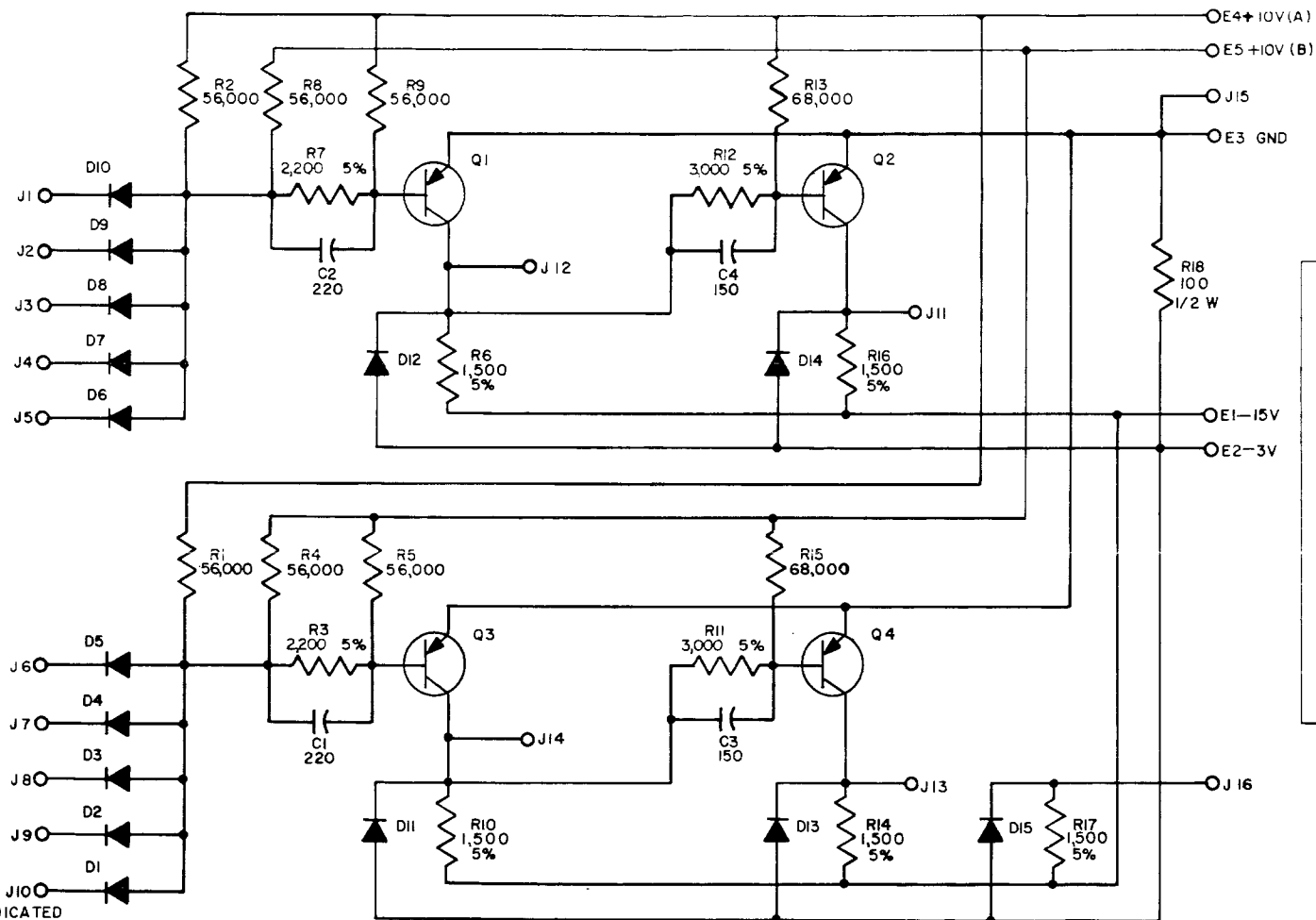
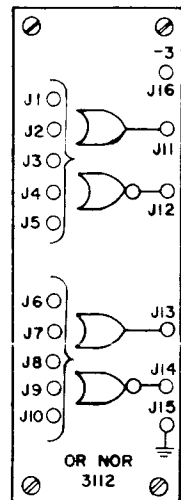
NOTES

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E,F,H	RS-B-3110	9
DIODE UNIT 3110		

RS-3112-6



UNLESS OTHERWISE INDICATED
RESISTORS ARE 1/4W, 10%.
CAPACITORS ARE MMFD
DIODES ARE D-001
TRANSISTORS ARE MD114

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D-001	1N276		
MD114	2N1499A		

NOTES

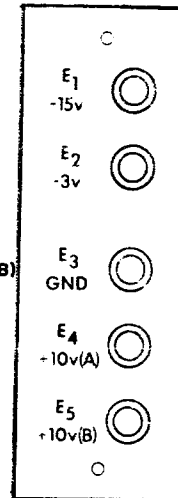
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A, B	RS-3112	6
OR-NOR 3112		

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Pinout diagram for the AND-NAND 3114 integrated circuit. The diagram shows two groups of inputs: J1-J5 and J6-J10. J1-J5 are connected to two AND gates with outputs J11 and J15. J6-J10 are connected to two AND gates with outputs J12 and J16. J13 is the output of a NAND gate. The circuit is labeled 'AND - NAND 3114'.

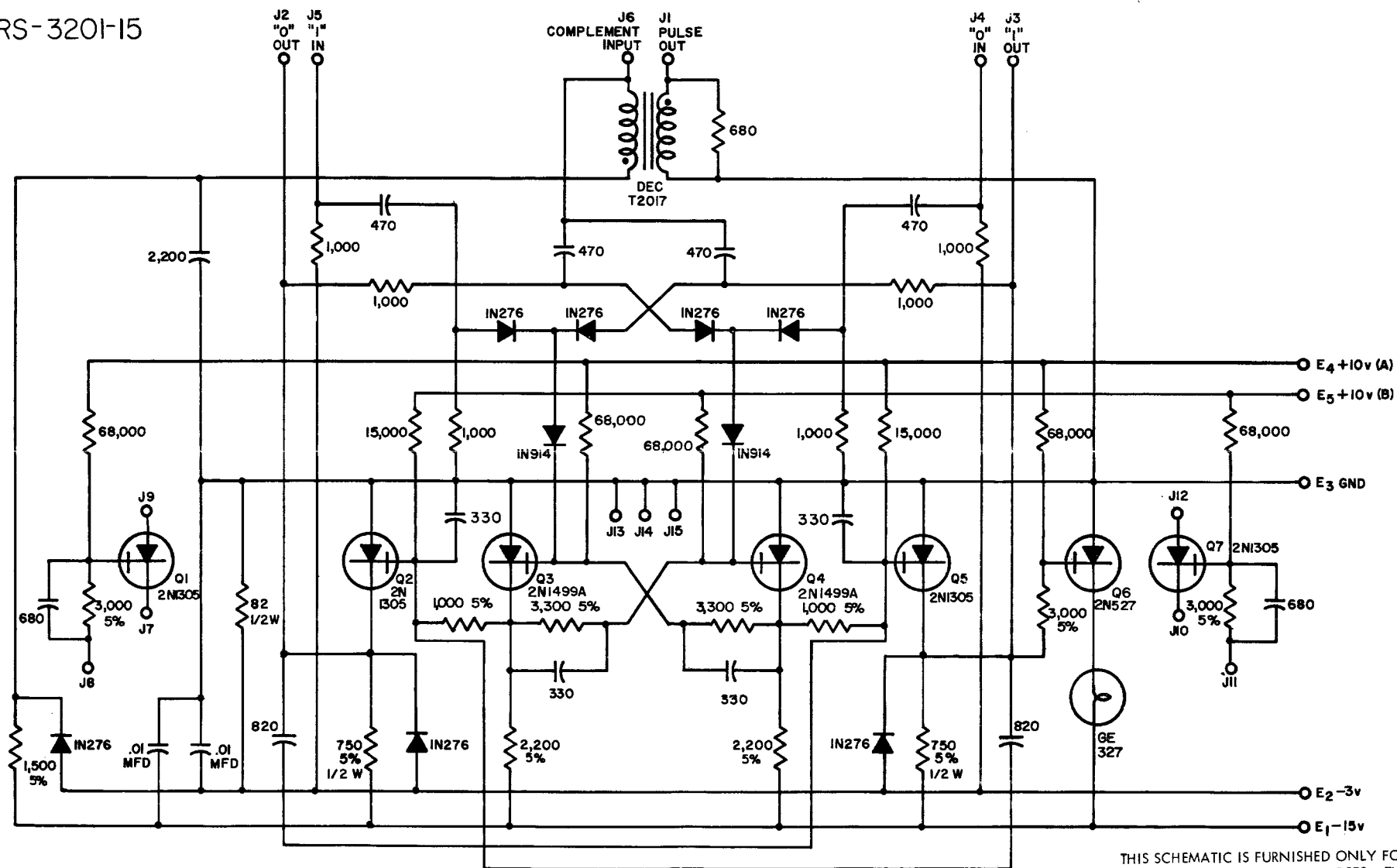


AND-NAND 3114 (B,C) RS-3114-5

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RS-320I-15



UNLESS OTHERWISE INDICATED RESISTORS
ARE 1/4 W, 10% CAPACITORS ARE MMFD.

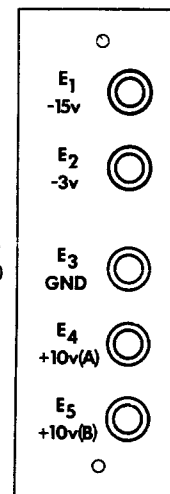
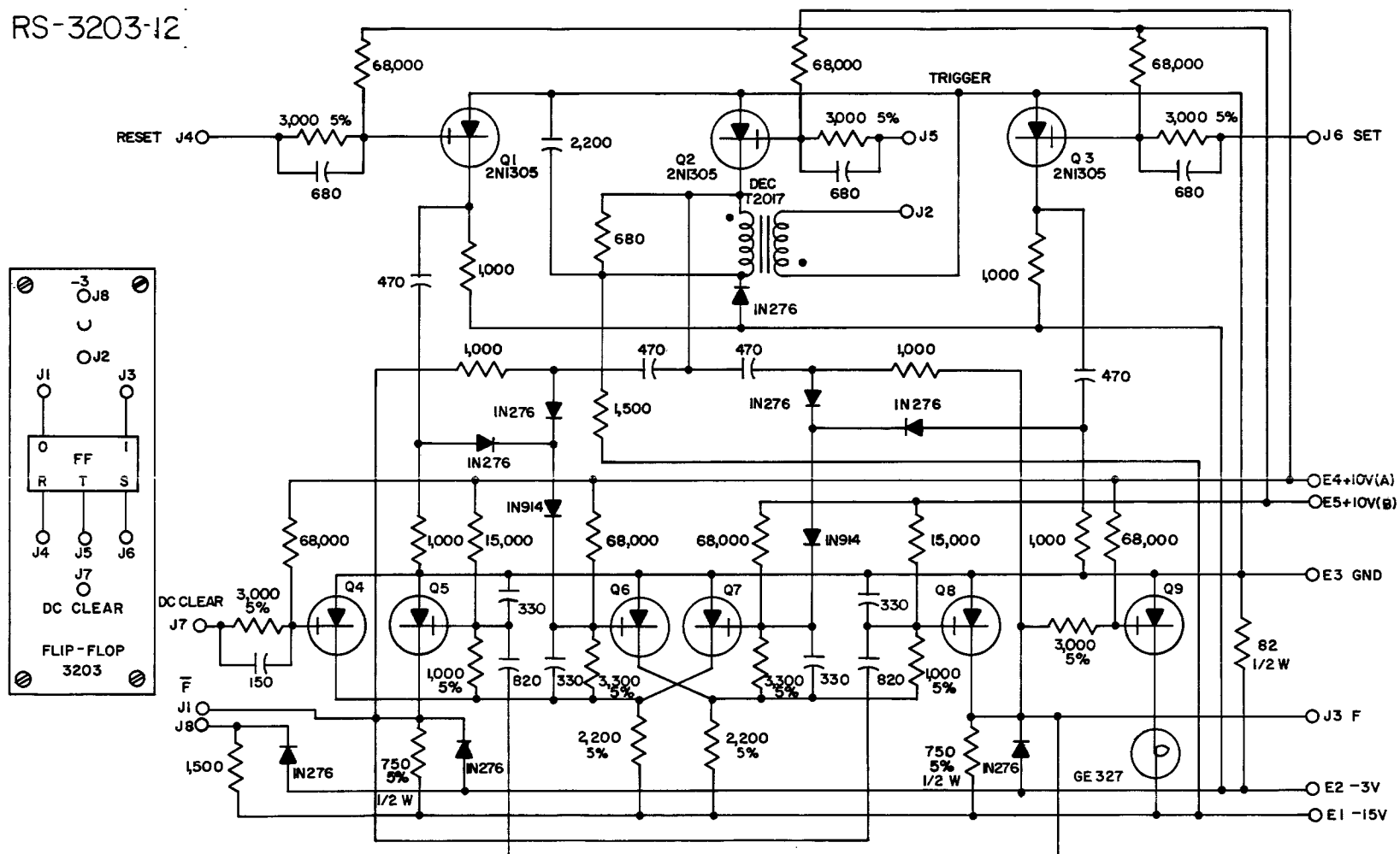
FLIP-FLOP 320I (J) RS-320I-15

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RS-3203-12



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W, 10%
CAPACITORS ARE MMFD
TRANSISTORS Q5 AND Q8 ARE 2N1305;
Q4, Q6, AND Q7 ARE 2N1499A; Q9 IS 2N527

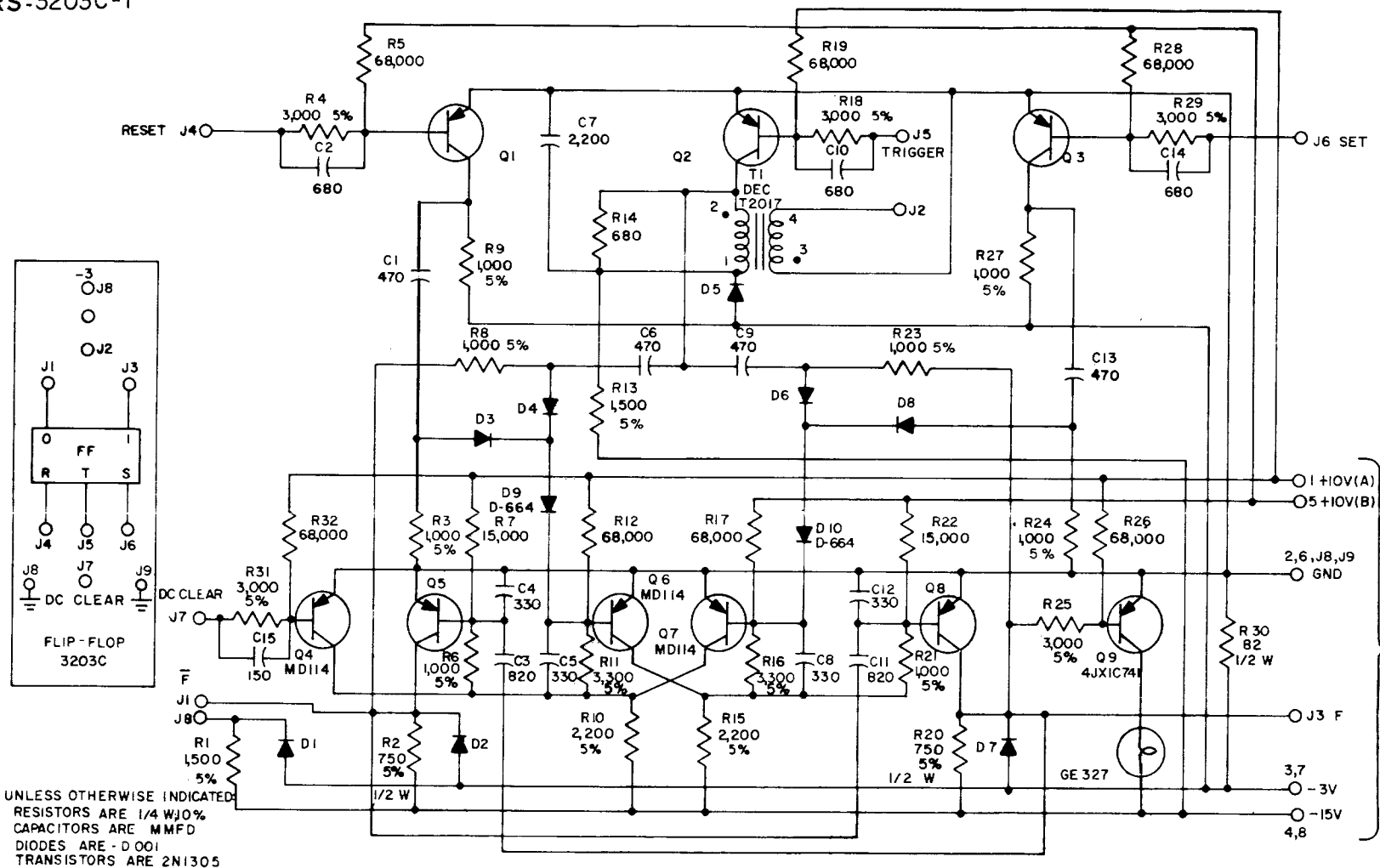
FLIP-FLOP 3203 (B) RS-3203-12

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RS-3203C-1



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W 10%
CAPACITORS ARE MMFD
DIODES ARE - D-001
TRANSISTORS ARE 2N1305

TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA
MD114	2N1499A		
4JX1C741	2N527		
2N1305	2N1305		
D-001	1N276		
D-664	1N914		

NOTES

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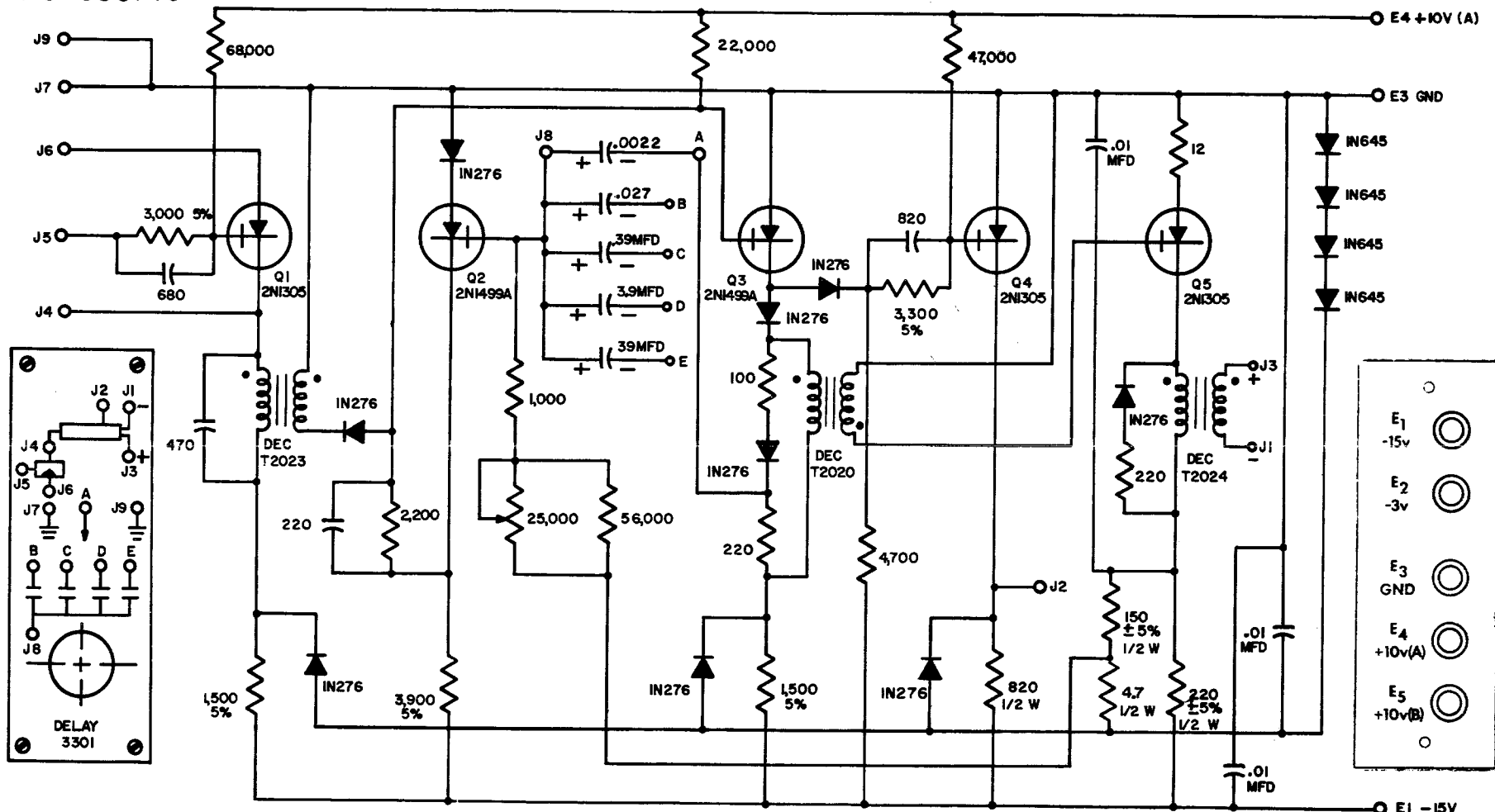
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B,C RS-3203C

FLIP-FLOP 3203C

AMPHENOL
26-182
PLUG

RS-3301-13



UNLESS OTHERWISE INDICATED
RESISTORS ARE 1/4W, 10%
CAPACITORS ARE MMFD

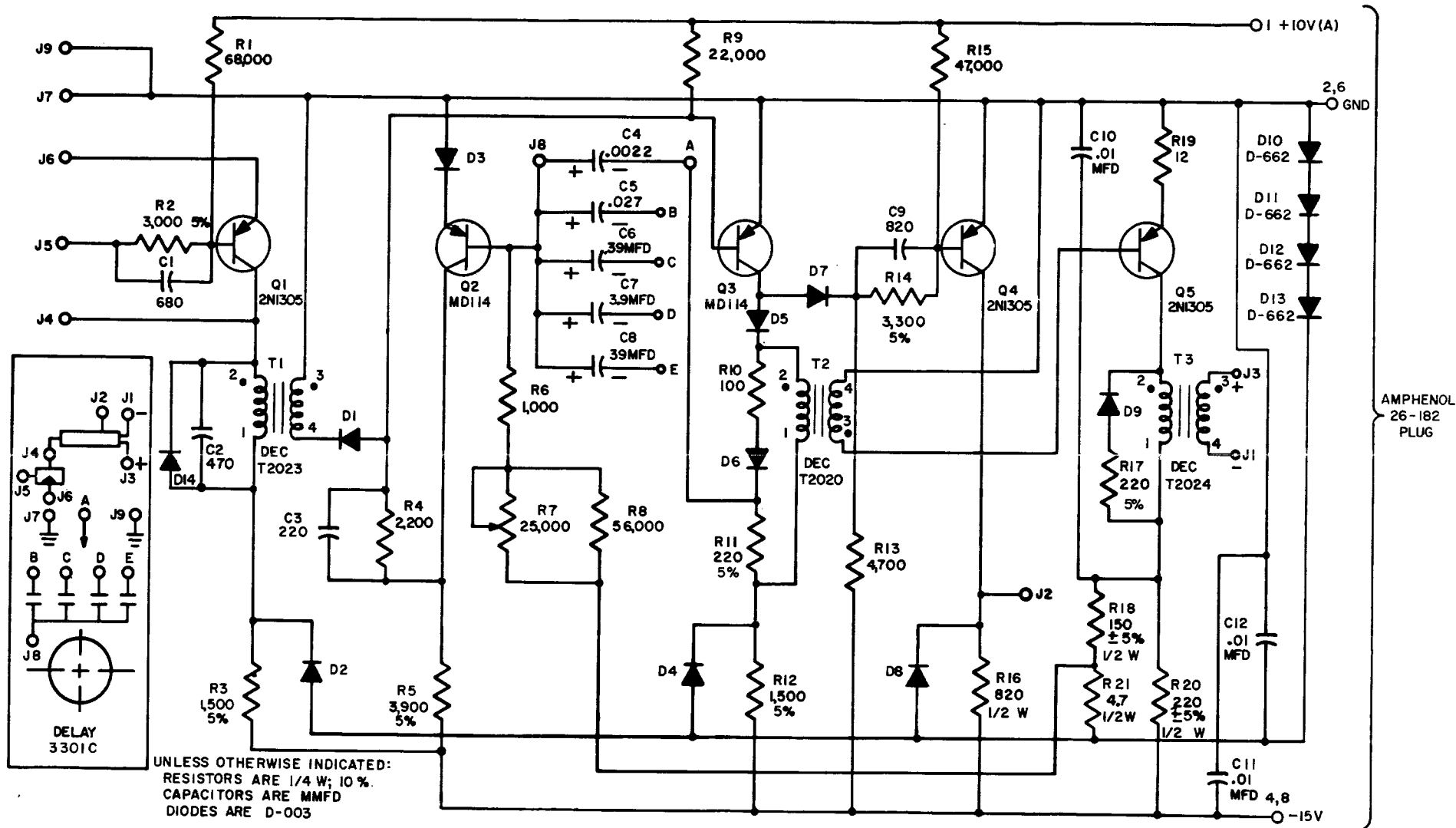
DELAY 3301 (B) RS-3301-13

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RS-B-330IC-3



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
MD14	2N1499A		
2N1305	2N1305		
D-003	1N994		
D-662	1N645		

NOTES

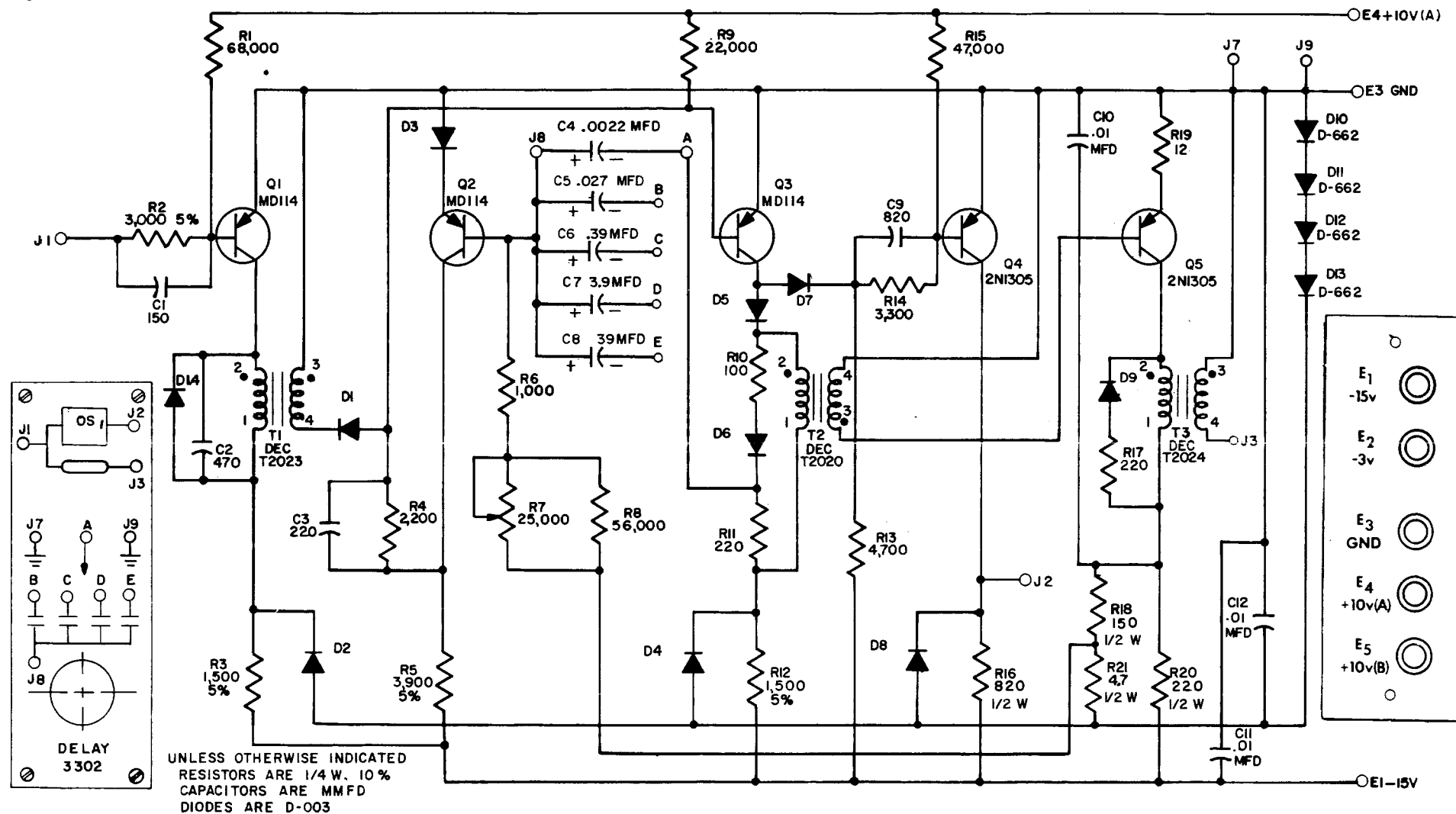
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E	RS-B-330IC	3
DELAY 330IC		

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-3302-10



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
MD114	2N1499A		
2N1305	2N1305		
D-003	1N994		
D-662	1N845		

NOTES

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E

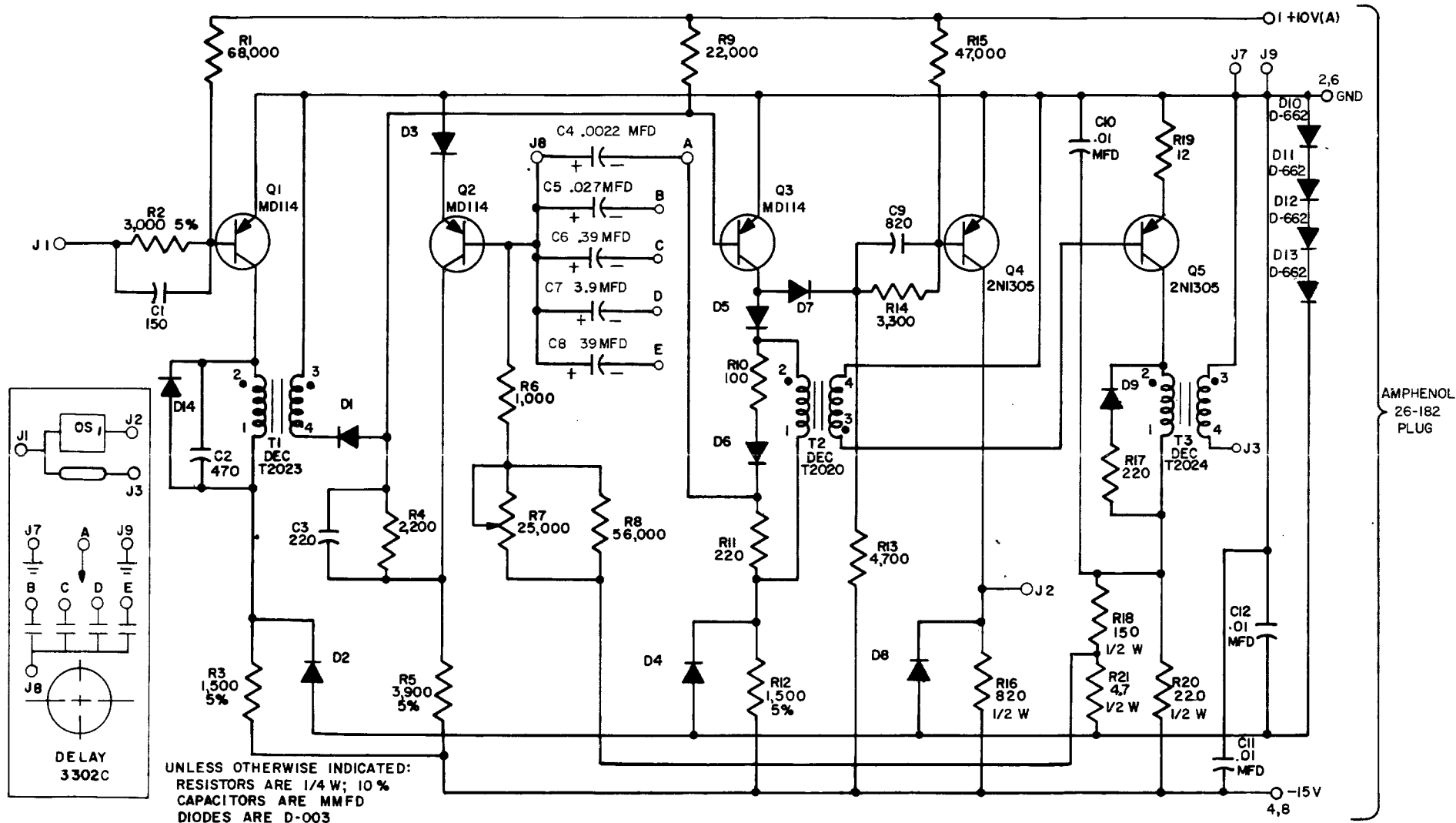
RS-B-3302

10

DELAY 3302

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-3302C-2



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
MD114	2N1499A		
2N1305	2N1305		
D-003	1N994		
D-662	1N645		

NOTES

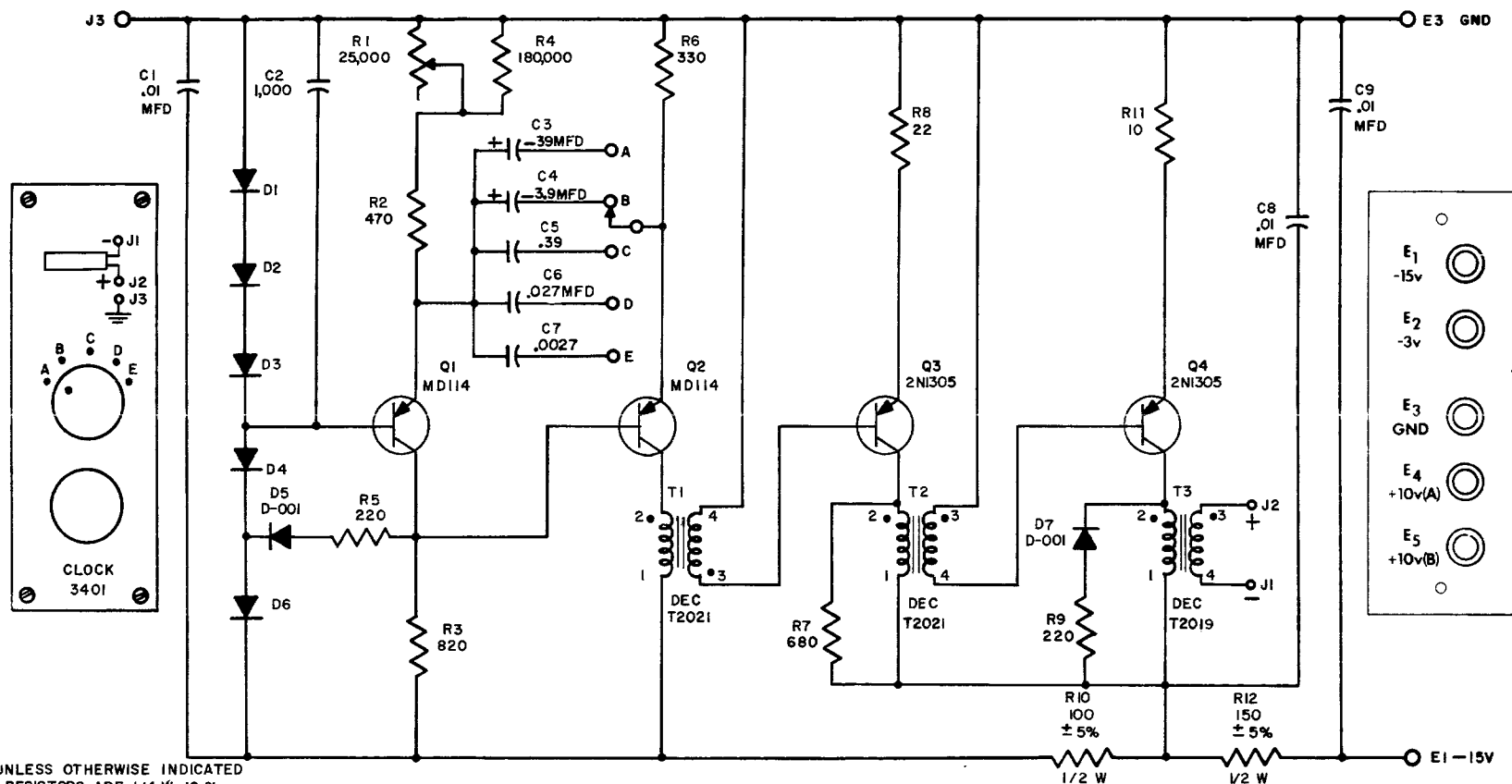
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E	RS-B-3302C	2
DELAY 3302C		

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-340I-10



UNLESS OTHERWISE INDICATED
RESISTORS ARE 1/4 W, 10 %
CAPACITORS ARE MMFD
DIODES ARE D-662

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D-001	1N276		
D-662	1N645		
MD114	2N1499A		
2N1305	2N1305		

NOTES

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C, D, E, F

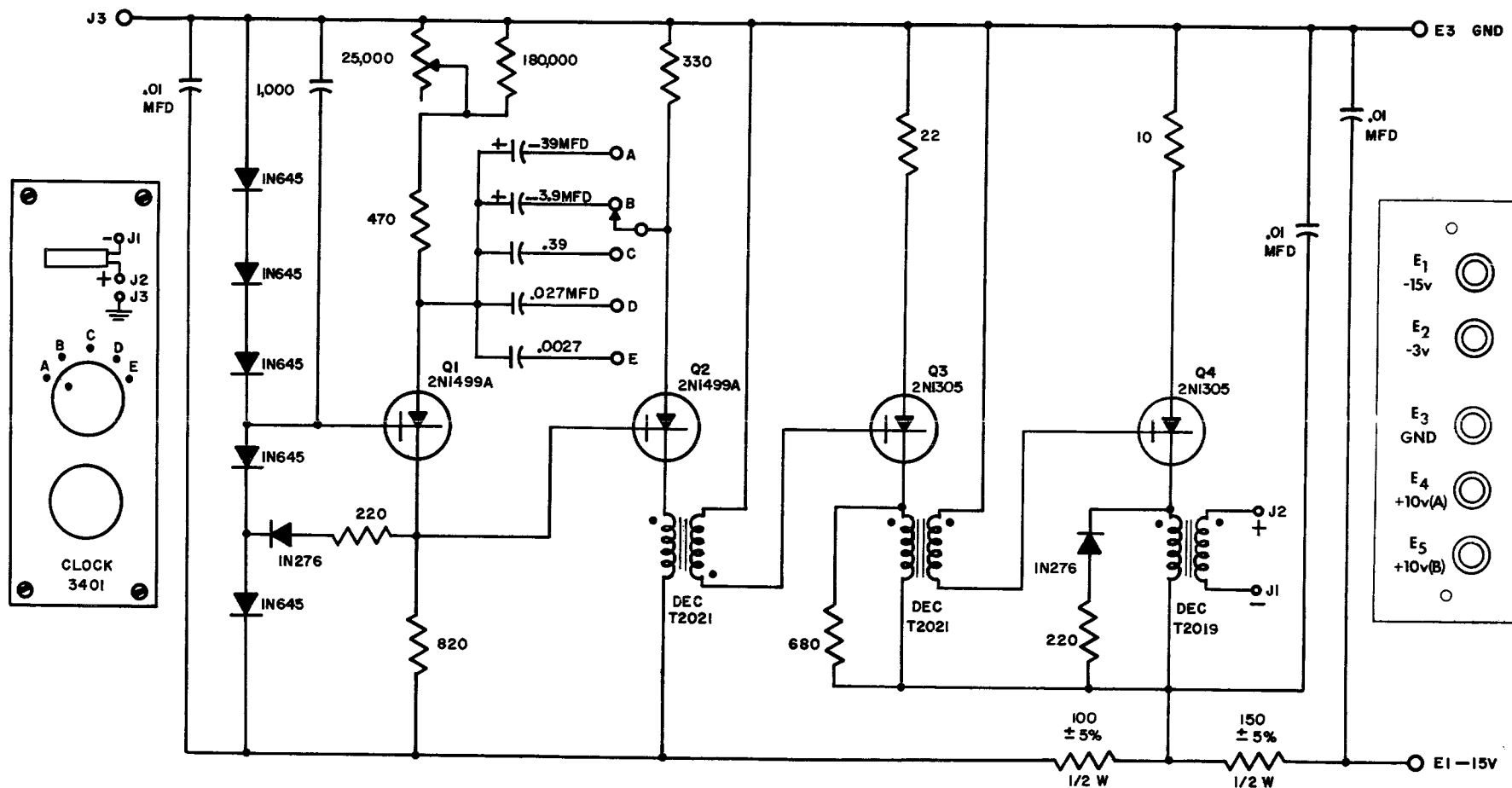
RS-B-340I

10

CLOCK 340I

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-340I-8



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 10%
CAPACITORS ARE MMFD

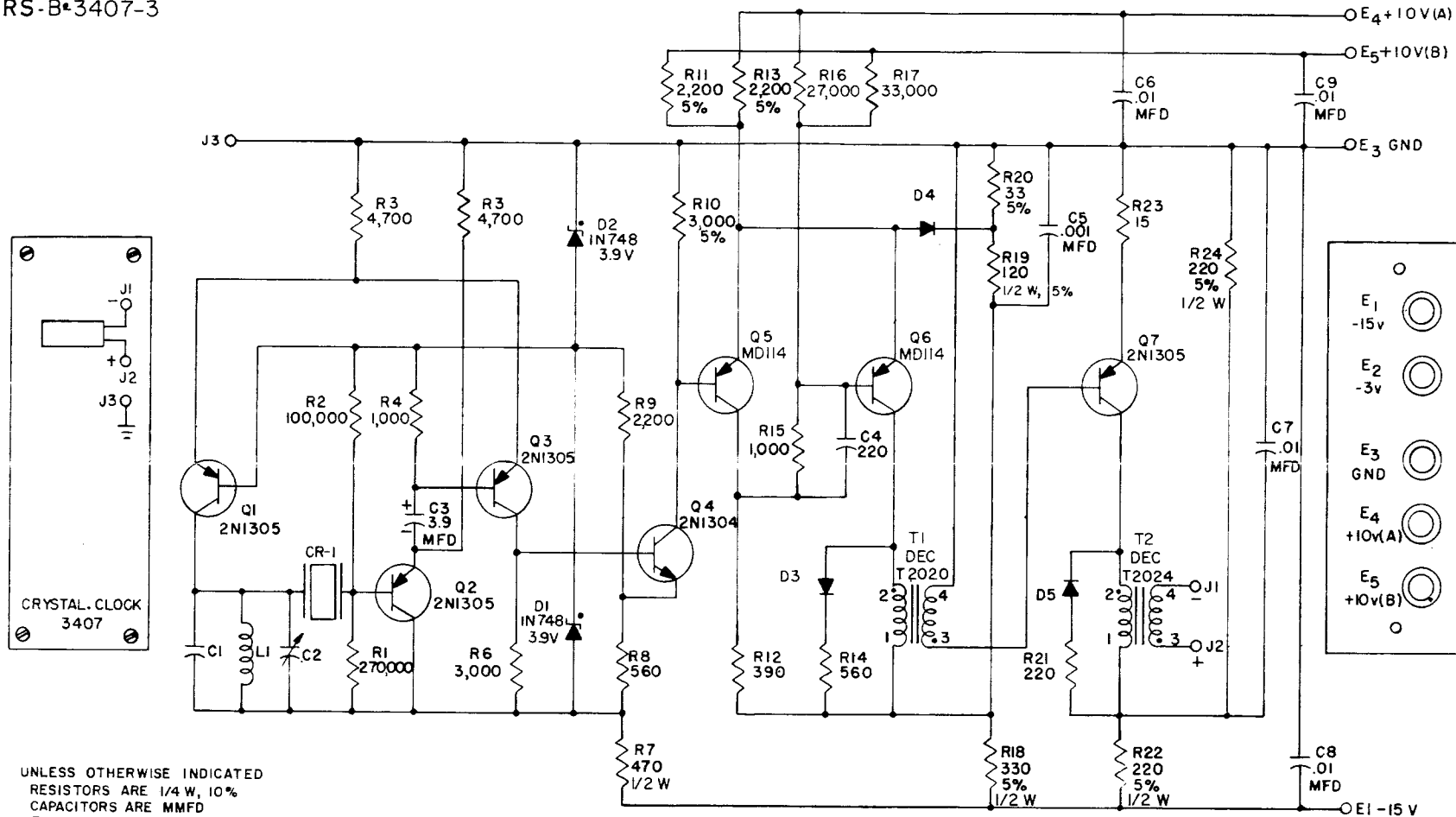
CLOCK MODEL 340I (C,DE) RS-340I-8

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RS-B-3407-3



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D-001	IN276		
IN748	IN748		
MD114	2N1499A		
2N1305	2N1305		
2N1304	2N1304		

NOTES

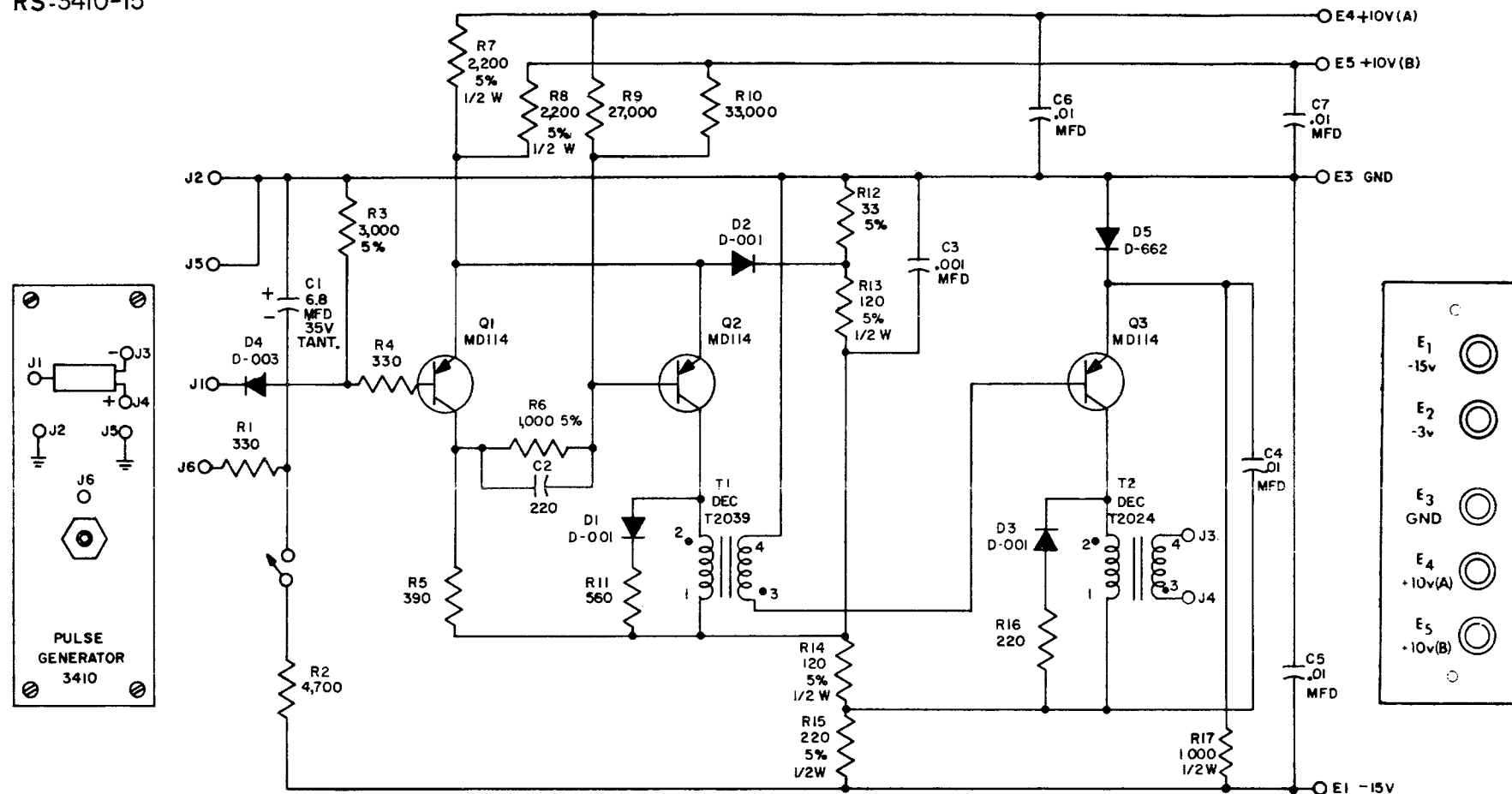
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A	RS-B-3407	3
CRYSTAL CLOCK 3407		

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-3410-15



UNLESS OTHERWISE INDICATED
RESISTORS ARE 1/4W, 10%
CAPACITORS ARE MMFD

USE THE ETCHED BOARD OF THE 410

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
MD114	2N1499A		
D-001	1N276		
D-003	1N994		
D-662	1N645		

NOTES

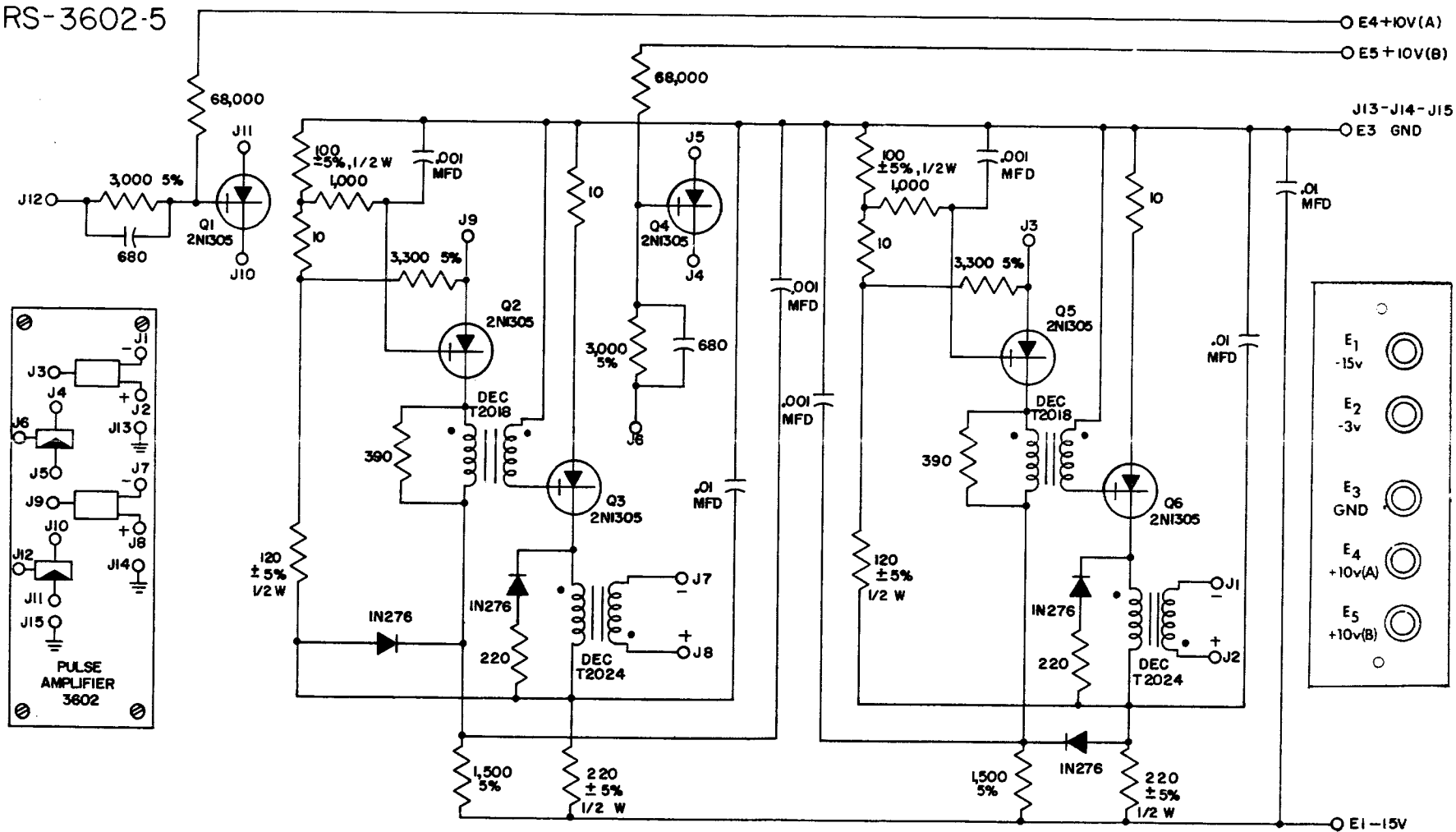
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G.H	RS-3410	15
PULSE GENERATOR 3410		

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RS-3602-5



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 10%
CAPACITORS ARE MMFD.

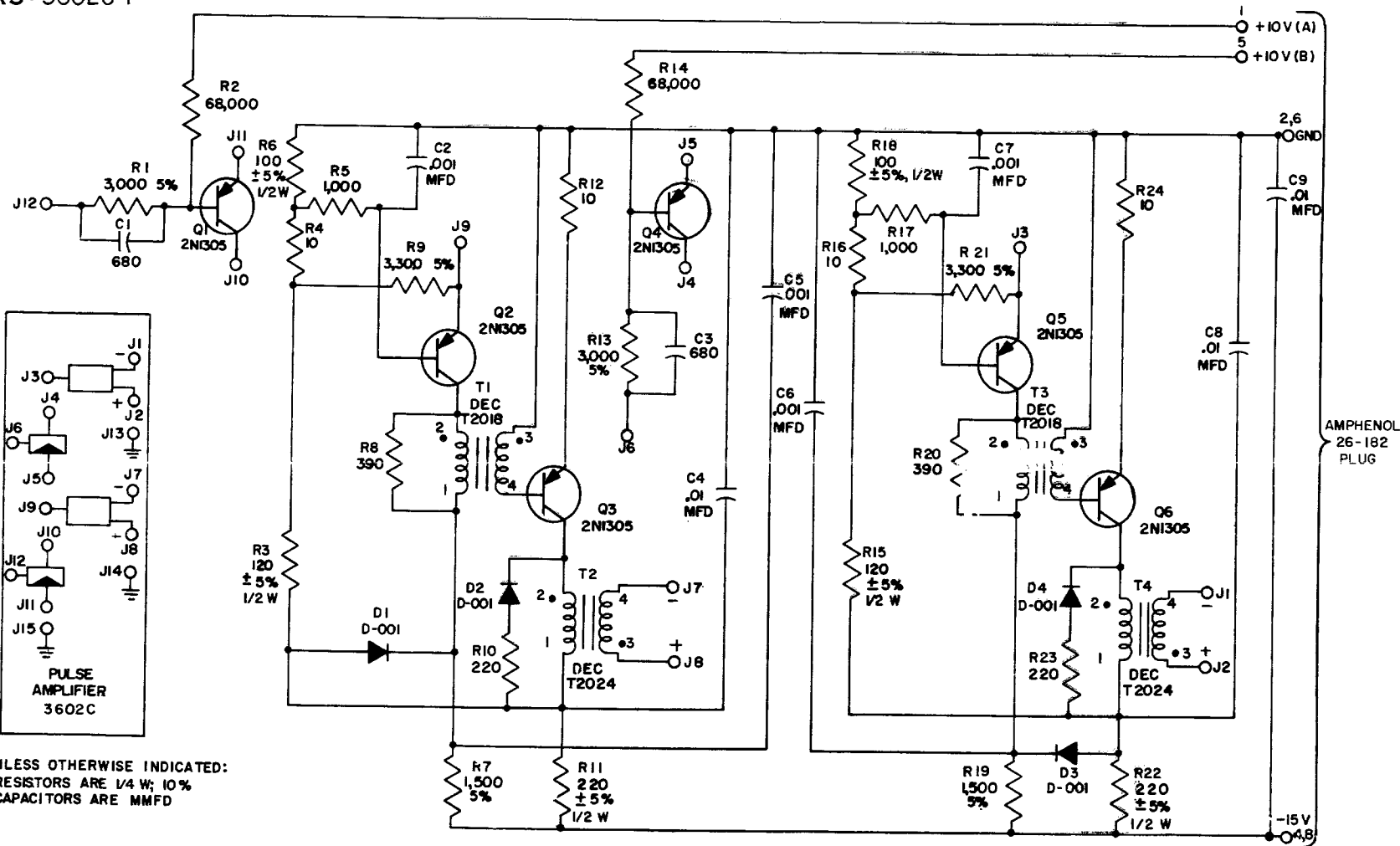
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PULSE AMPLIFIER 3602 (A) RS-3602-5

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RS-3602C-I



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W; 10%
CAPACITORS ARE MMFD

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N1305	2N1305		
D-001	1N276		

NOTES

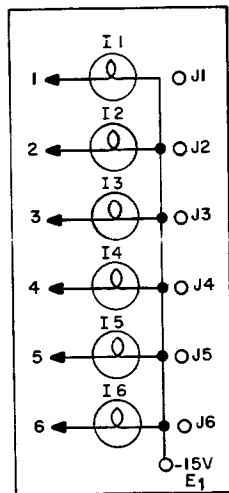
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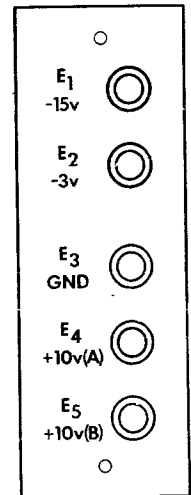
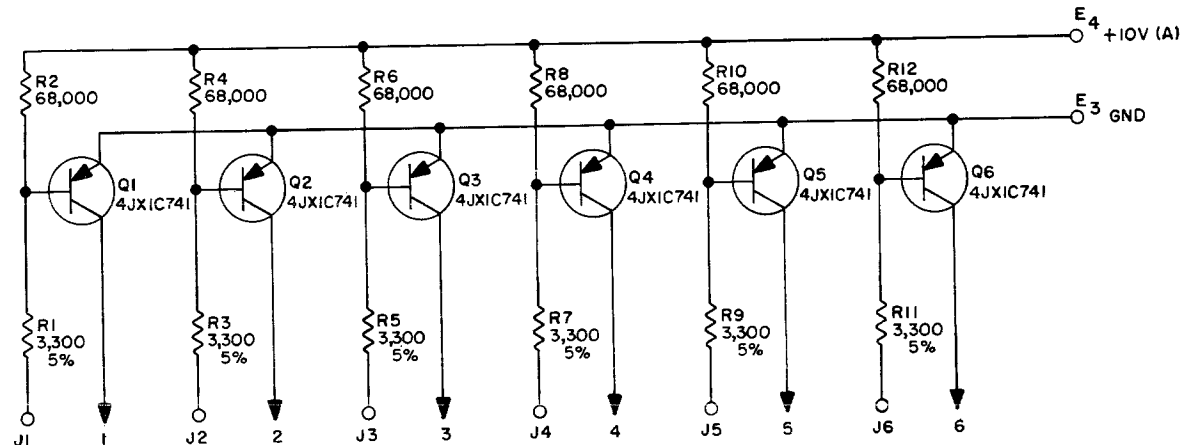
A,B	RS-3602C	I
PULSE AMPLIFIER 3602C		

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-3669-I



UNLESS OTHERWISE INDICATED
RESISTORS ARE 1/4W; 10%
I1-I6 ARE GE 327
J1-J6 PATCH CONTROL JACKS



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
4JXIC741	2N527		

NOTES

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B

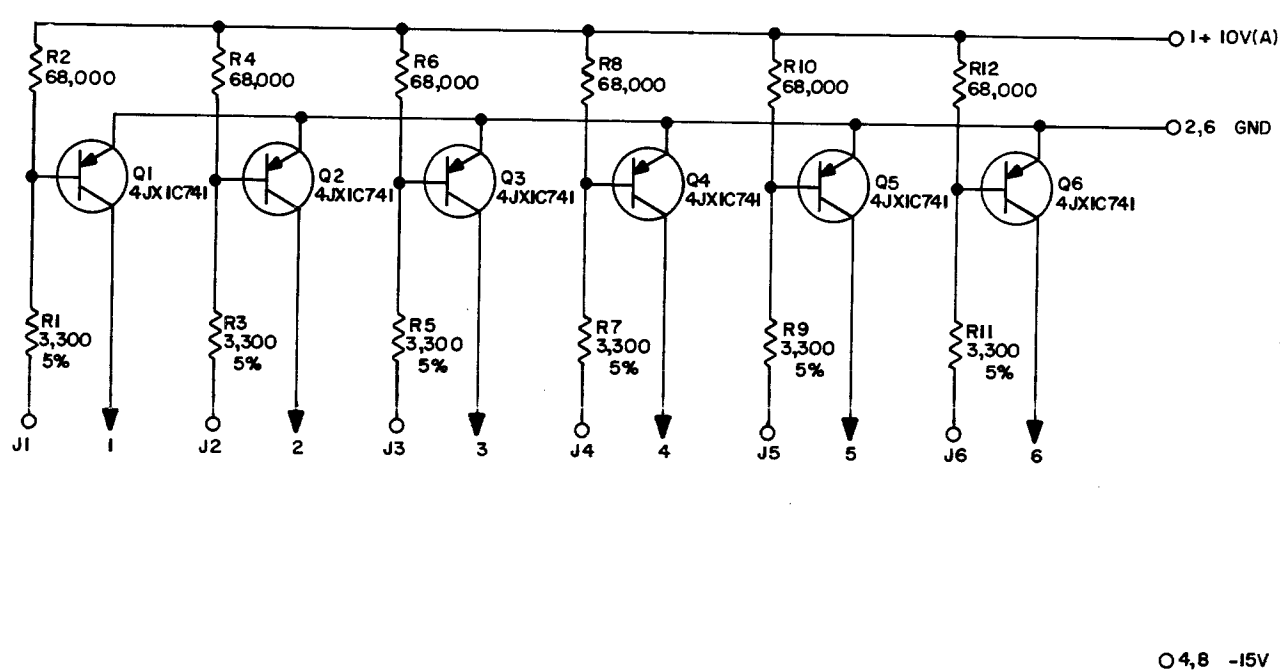
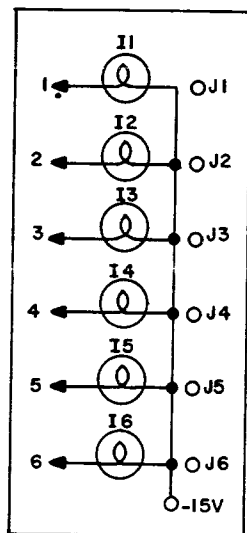
RS-B-3669

I

INDICATOR PANEL 3669

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-3669C-1



AMPHENOL
26-182
PLUG

UNLESS OTHERWISE INDICATED
RESISTORS ARE 1/4W; 10%
I1-I6 ARE G.E. 327
J1-J6 PATCH CONTROL JACKS

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
4JXIC741	2N527		

NOTES

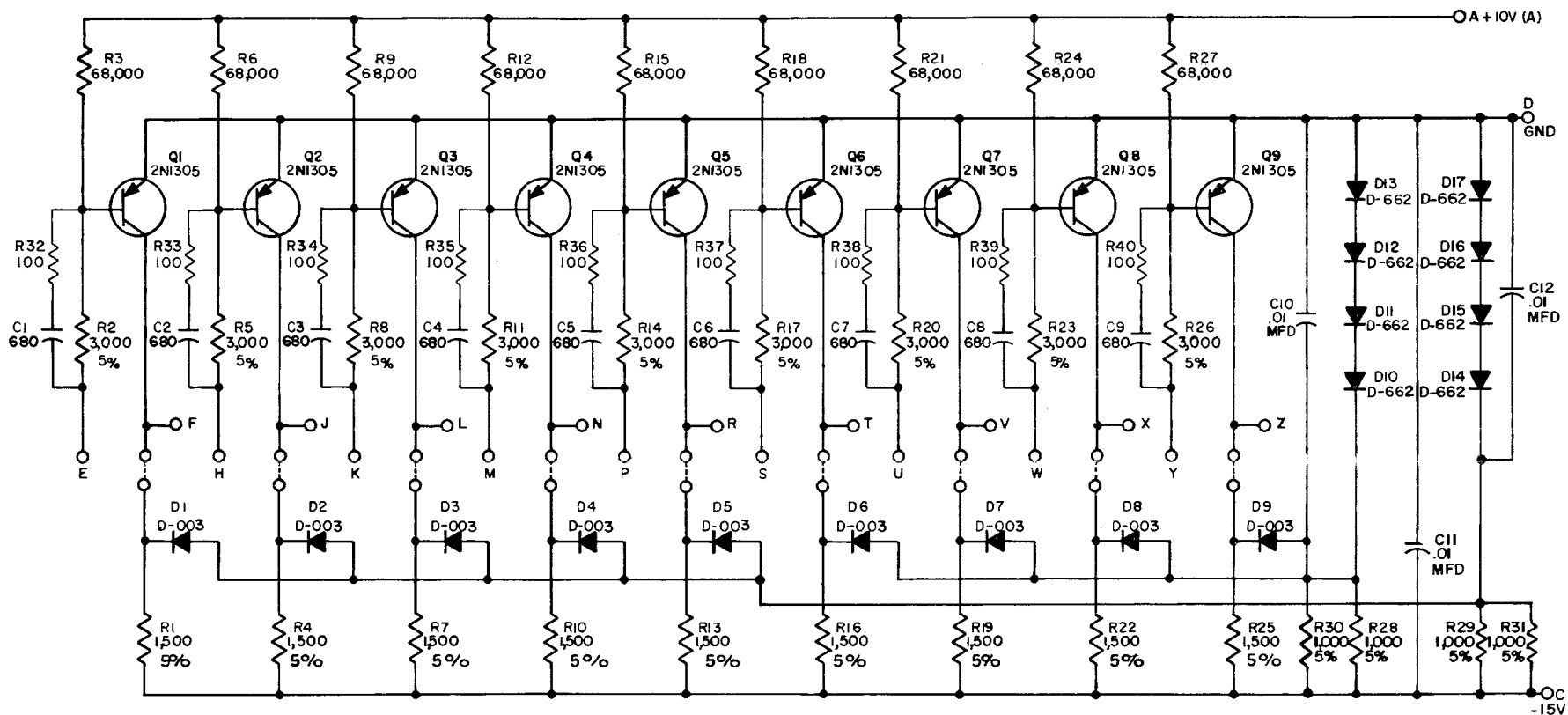
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B	RS-B-3669C	1
INDICATOR PANEL 3669C		

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RS-B-4102-5



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N1305	2N1305		
D-003	1N994		
D-662	1N645		

NOTES

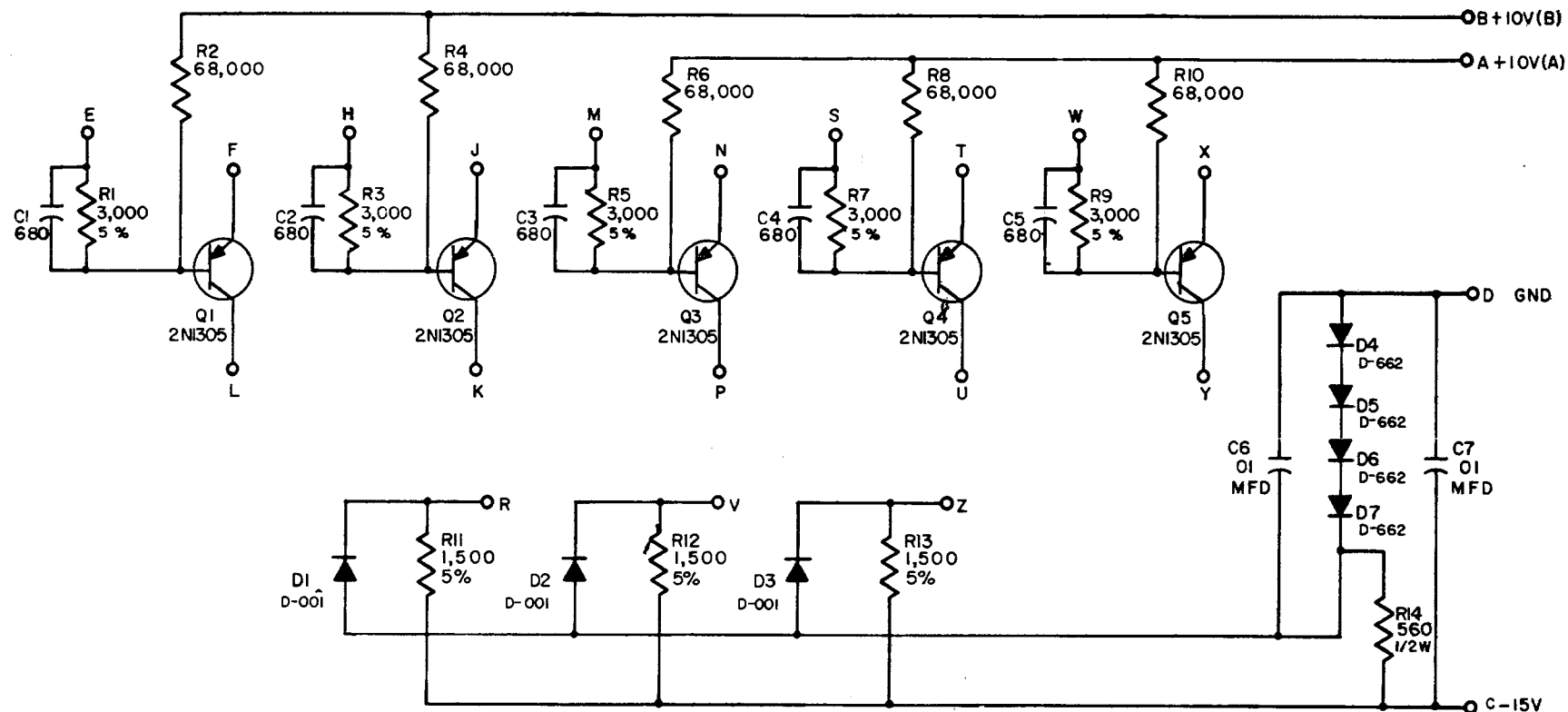
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
F										RS-B-4102										5					
INVERTER 4102																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-4105-7



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 10%
CAPACITORS ARE MMFD

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N1305	2N1305		
D-001	1N276		
D-662	1N645		

NOTES

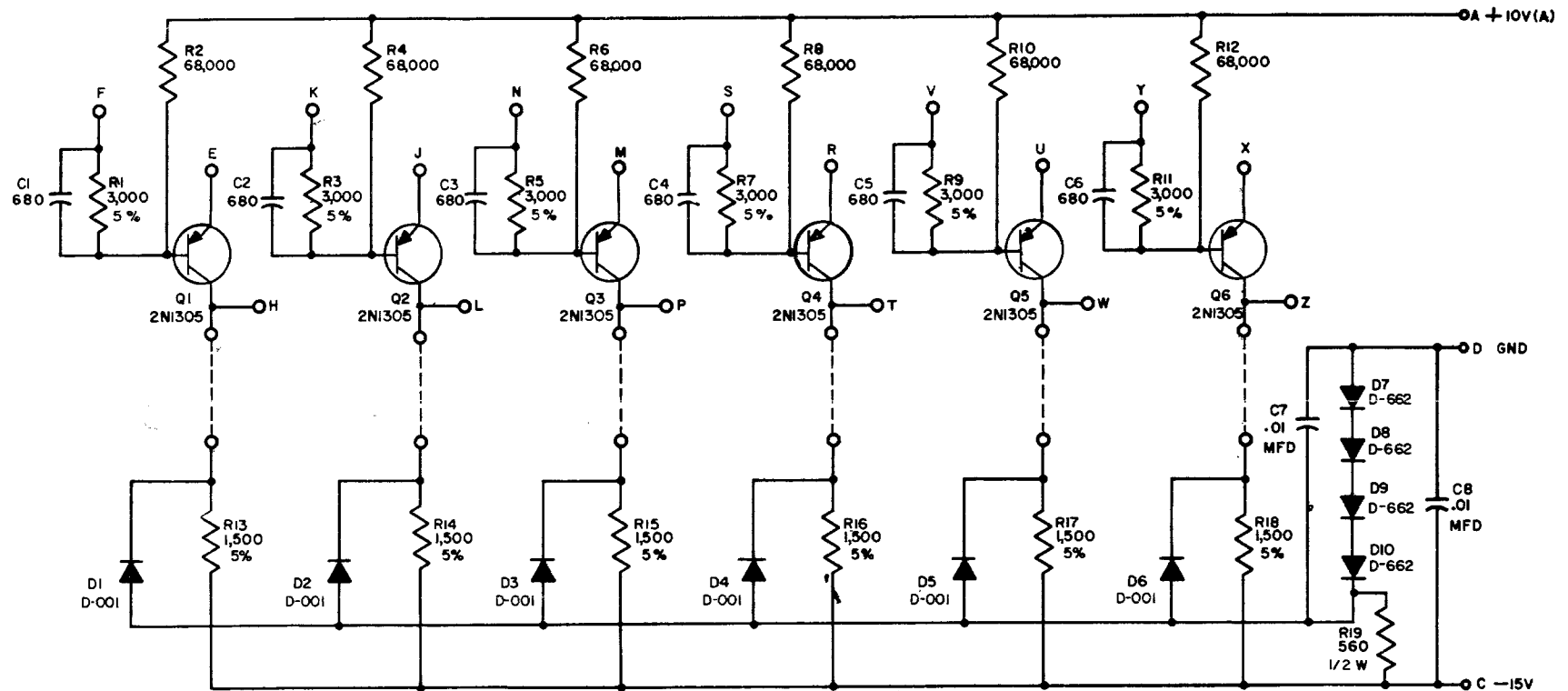
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
C, D, E, F, G													RS-B-4105										7		
INVERTER 4105																									

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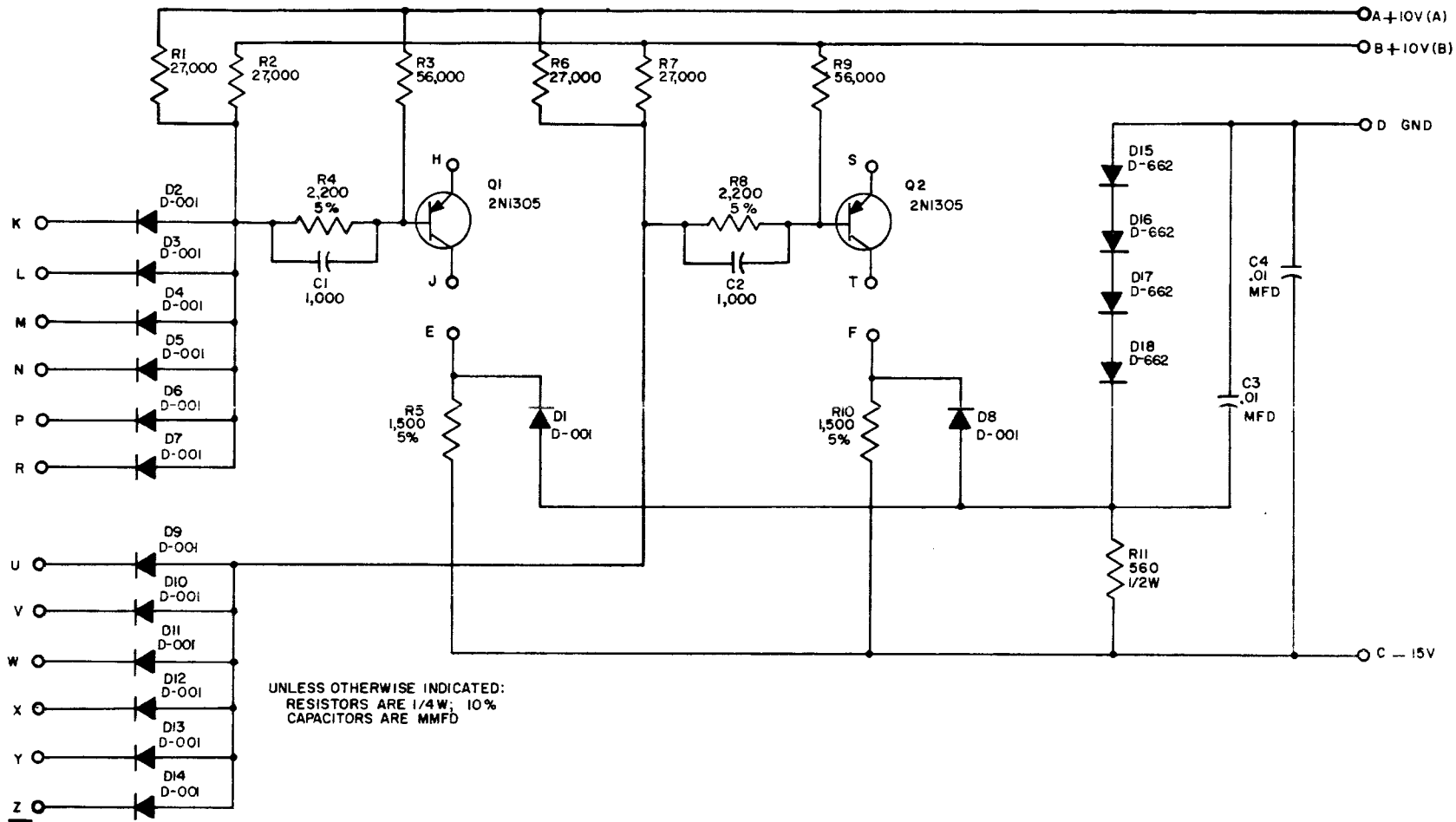
RS-B-4106-6



UNLESS OTHERWISE INDICATED
RESISTORS ARE 1/4 W; 10%
CAPACITORS ARE MMFD.

TRANSISTOR & DIODE CONVERSION CHART				NOTES	THIS SCHEMATIC IS FURNISHED ONLY FOR TEST AND MAINTENANCE PURPOSES. THE CIRCUITS ARE PROPRIETARY IN NATURE AND SHOULD BE TREATED ACCORDINGLY.	COPYRIGHT 1959 BY DIGITAL EQUIPMENT CORPORATION	<table><tr><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td><td>G</td><td>H</td><td>I</td><td>J</td><td>K</td><td>L</td><td>M</td><td>N</td><td>P</td><td>Q</td><td>R</td><td>S</td><td>T</td><td>U</td><td>V</td><td>W</td><td>X</td><td>Y</td><td>Z</td></tr><tr><td colspan="13">E, F</td><td colspan="10">R5-B-4106</td><td colspan="3">6</td></tr><tr><td colspan="29">INVERTER 4106</td></tr></table>																										A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	Z	E, F													R5-B-4106										6			INVERTER 4106																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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RS-B-4110-7



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W; 10%
CAPACITORS ARE MMFD

TRANSISTOR & DIODE CONVERSION CHART			
DEC		EIA	
2N1305		2N1305	
D-001		IN276	
D-662		IN645	

NOTES

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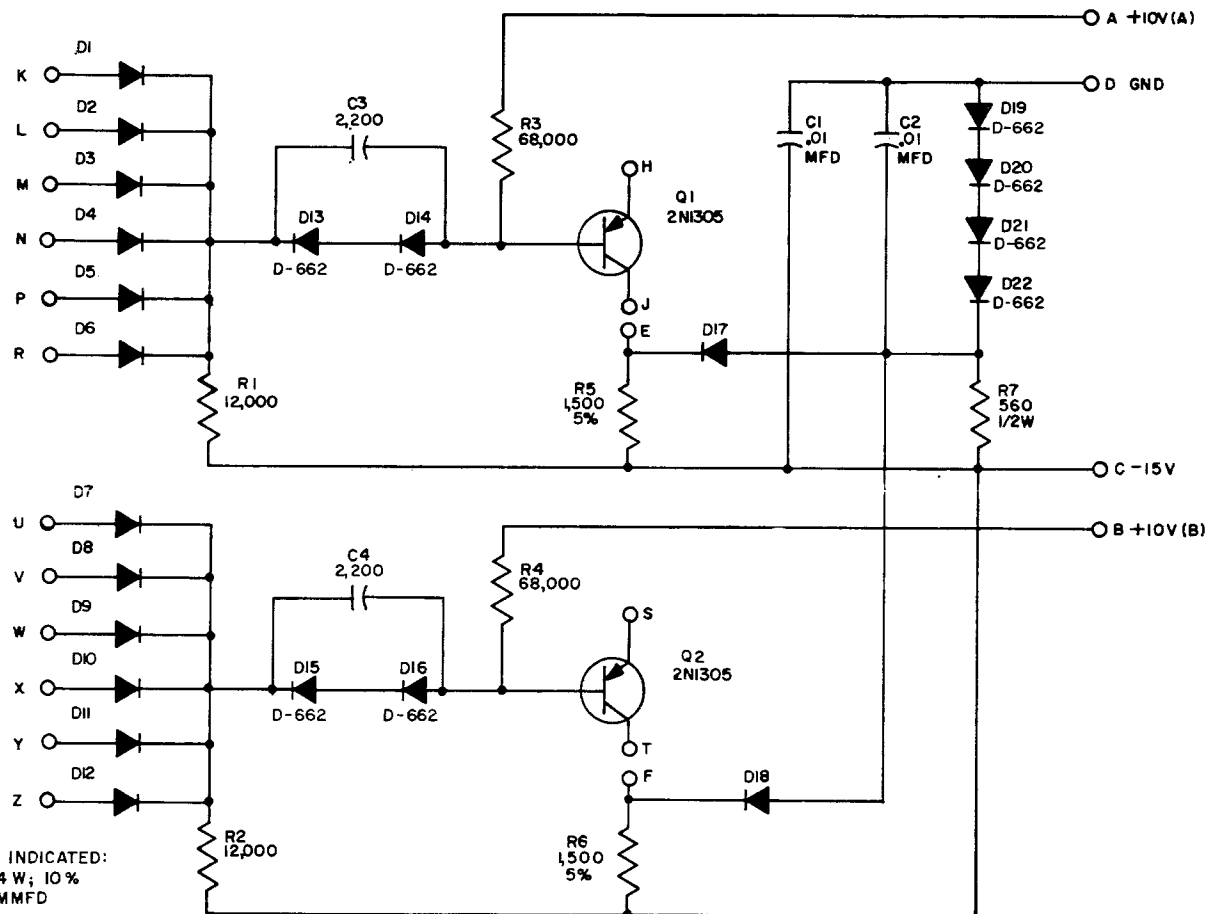
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
D,E,F,G										RS-B-4110										7					

DIODE UNIT 4110

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-4111-8



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W; 10 %
CAPACITORS ARE MMFD
DIODES ARE D-001

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N1305	2N1305		
D-001	1N276		
D-662	1N645		

NOTES

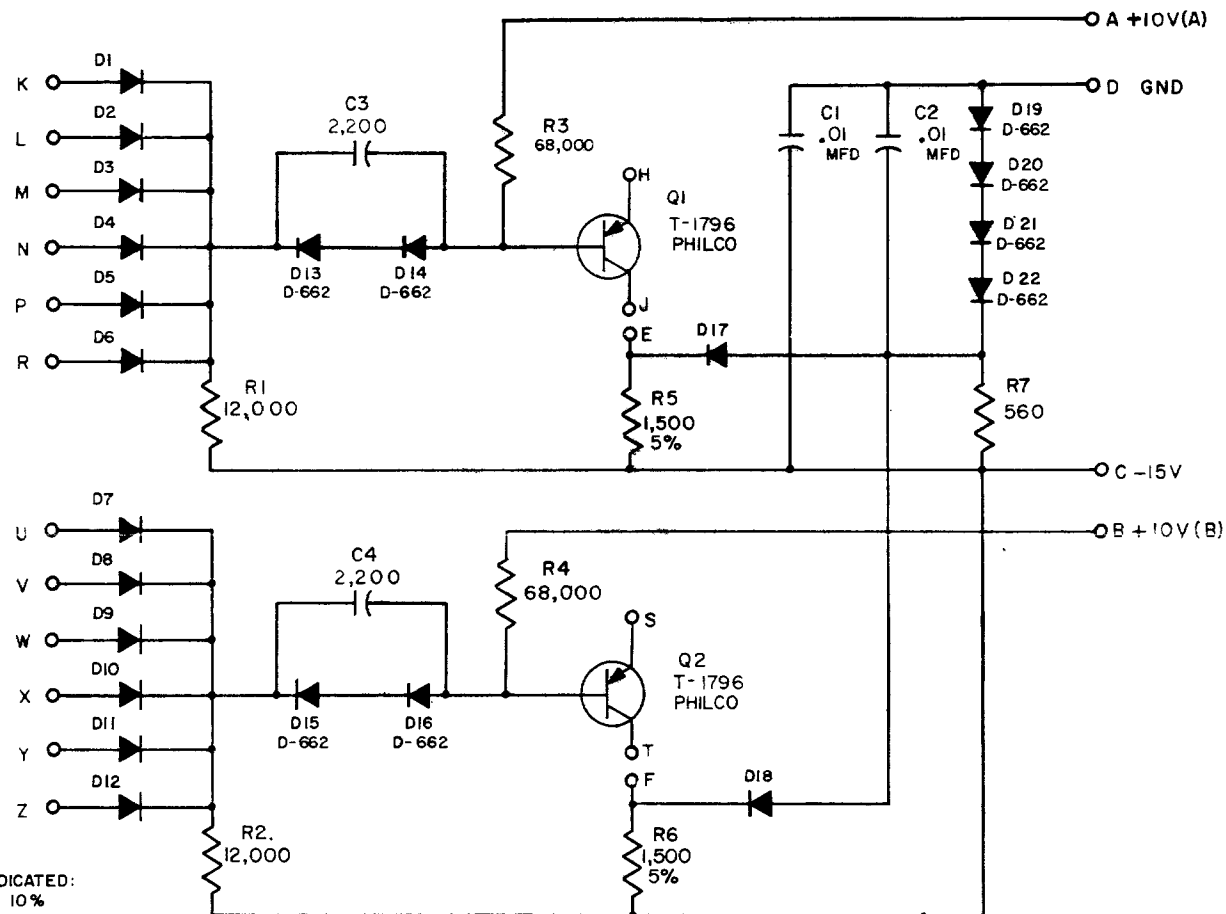
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C, D, E, F			
RS-B-4111			
8			
DIODE UNIT 4111			

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-4111A-2



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/2W; 10%
CAPACITORS ARE MMFD
DIODES ARE D-001

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
T-1796	T-1796		
D-001	IN276		
D-662	IN645		

NOTES

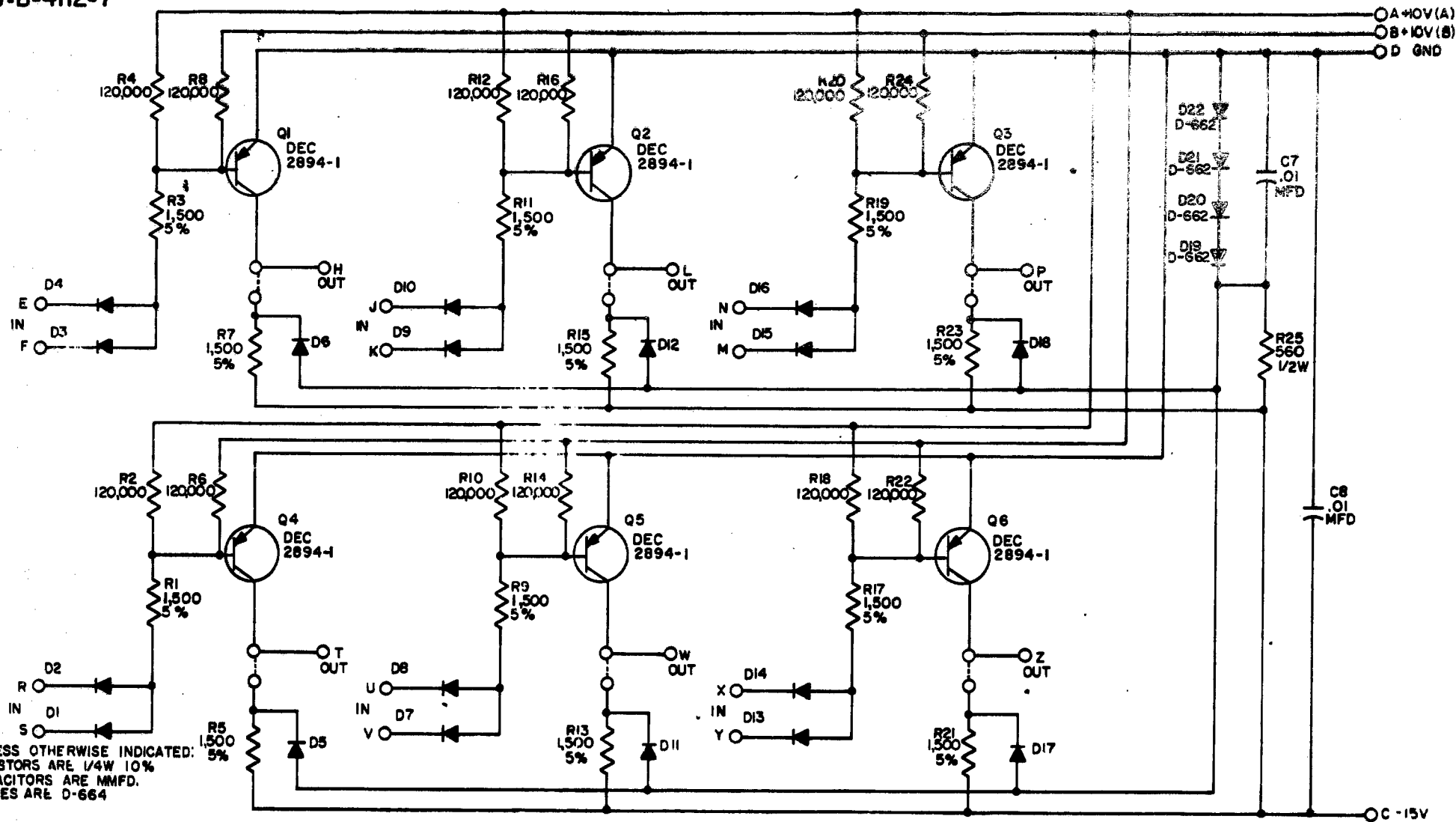
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
C,D						R5-B-4111A														2					
DIODE UNIT 4111A																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-4112-7



TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA
2N2904-1	2N2904-1		
D-664	IN340B		
D-662	IN236		

NOTES

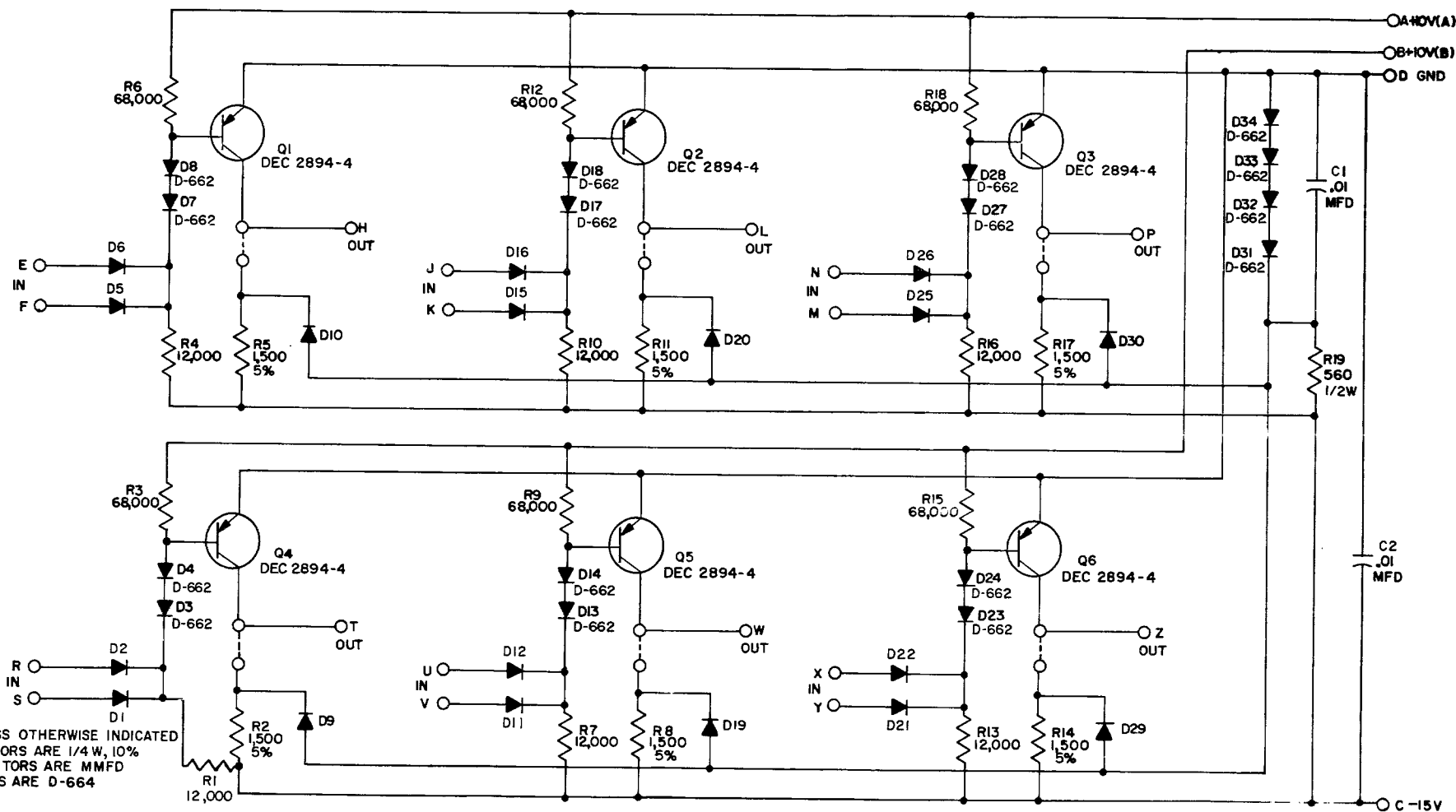
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A,B	RS-B-4112	7
DIODE 4112		

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-4113-9



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-4	DEC 2894		
D-662	IN645		
D-664	IN3606		

NOTES

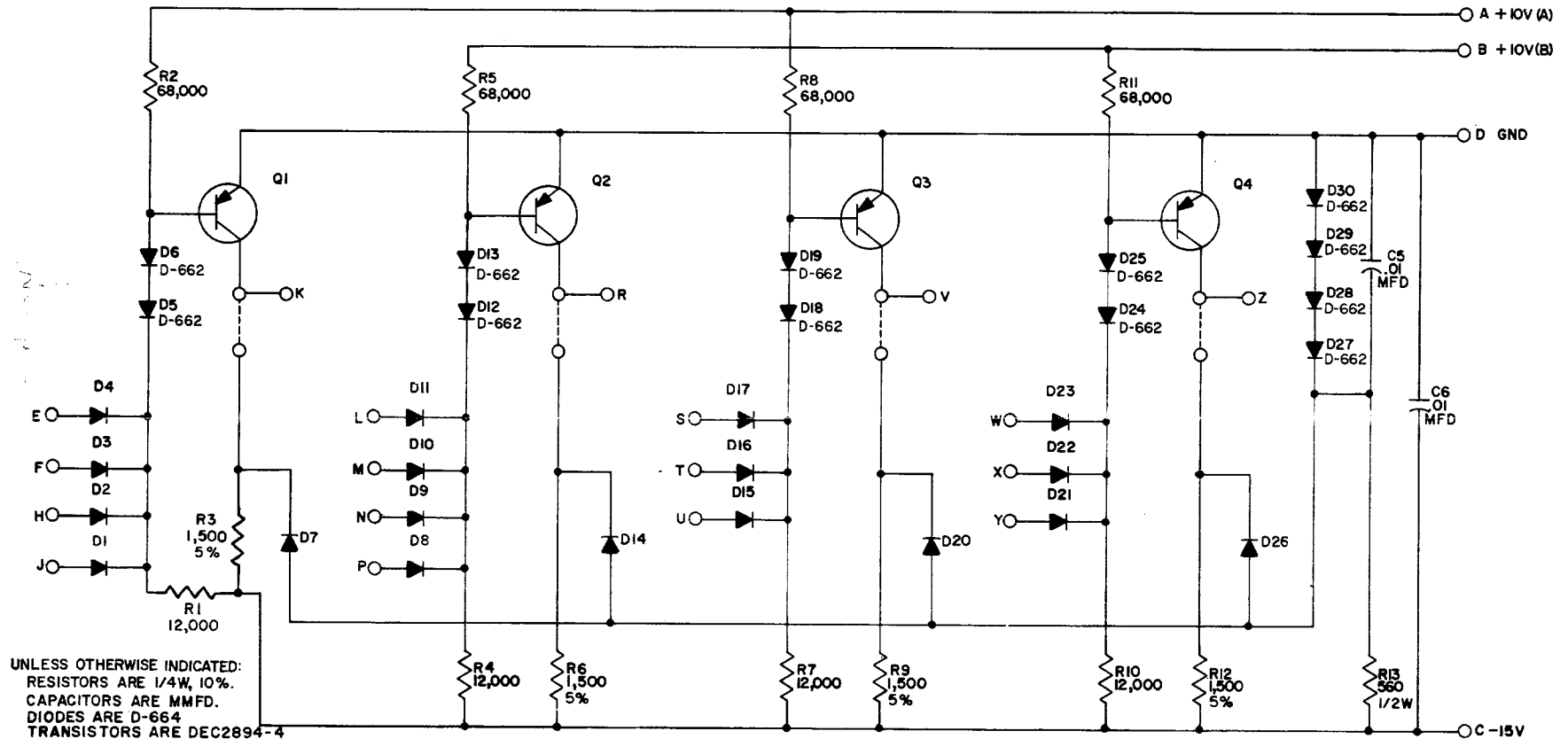
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	R	S	T	U	V	W	X	Y	Z	
ABC			RS-B-4113																		9			
DIODE 4113																								

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-4115-7



TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-4	DEC 2894		
D-664	IN3606		
D-662	IN645		

NOTES

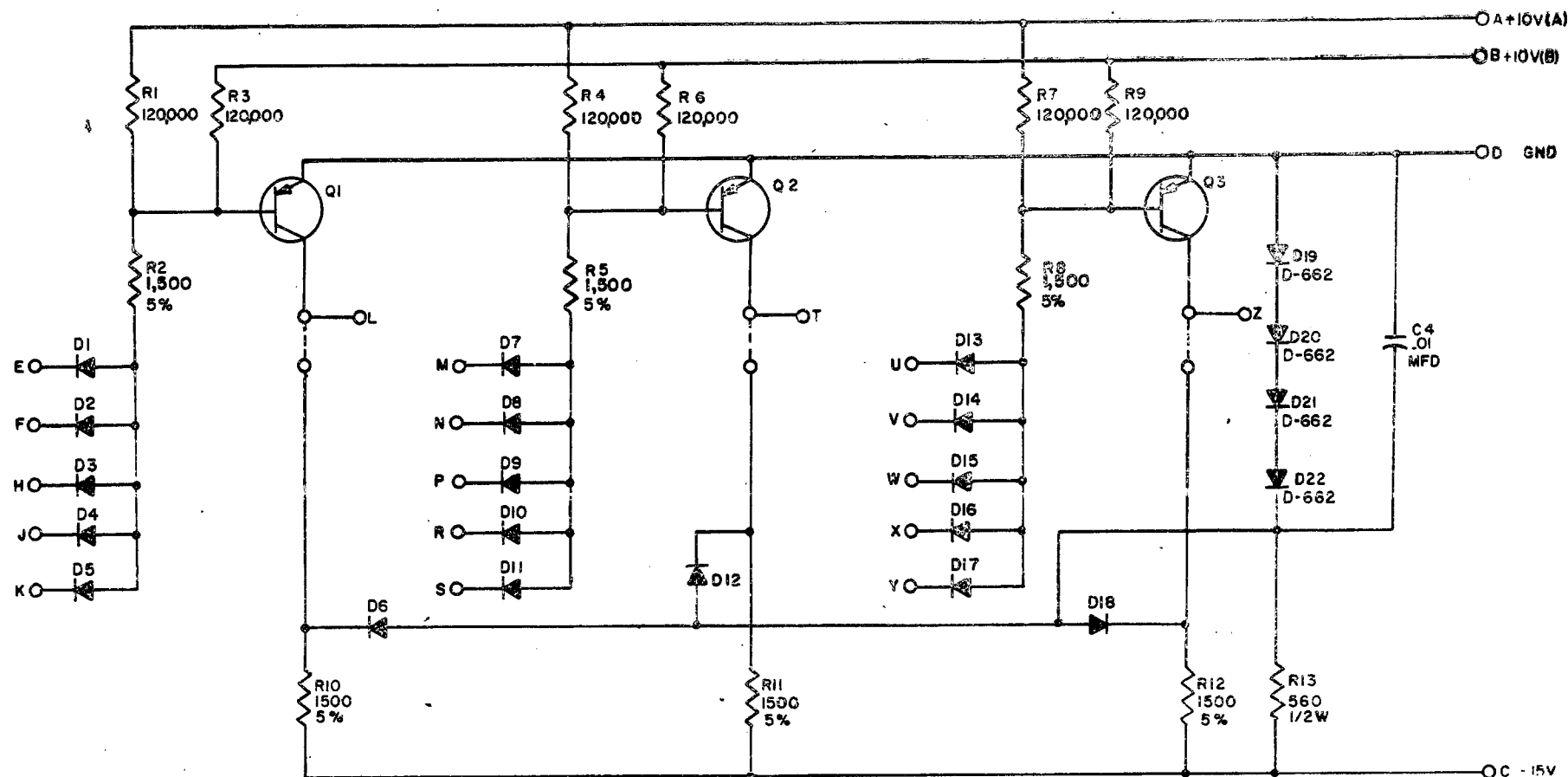
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	R	S	T	U	V	W	X	Y	Z
A,B,C			RS-B-4115																	7			
DIODE 4115																							

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-4116-3



UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 1/4W; 10%
 CAPACITORS ARE MMFD
 DIODES ARE D-664
 TRANSISTORS ARE DEC2894-I

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-I	DEC 2894-I		
D-664	IN3606		
D-662	IN345		

NOTES

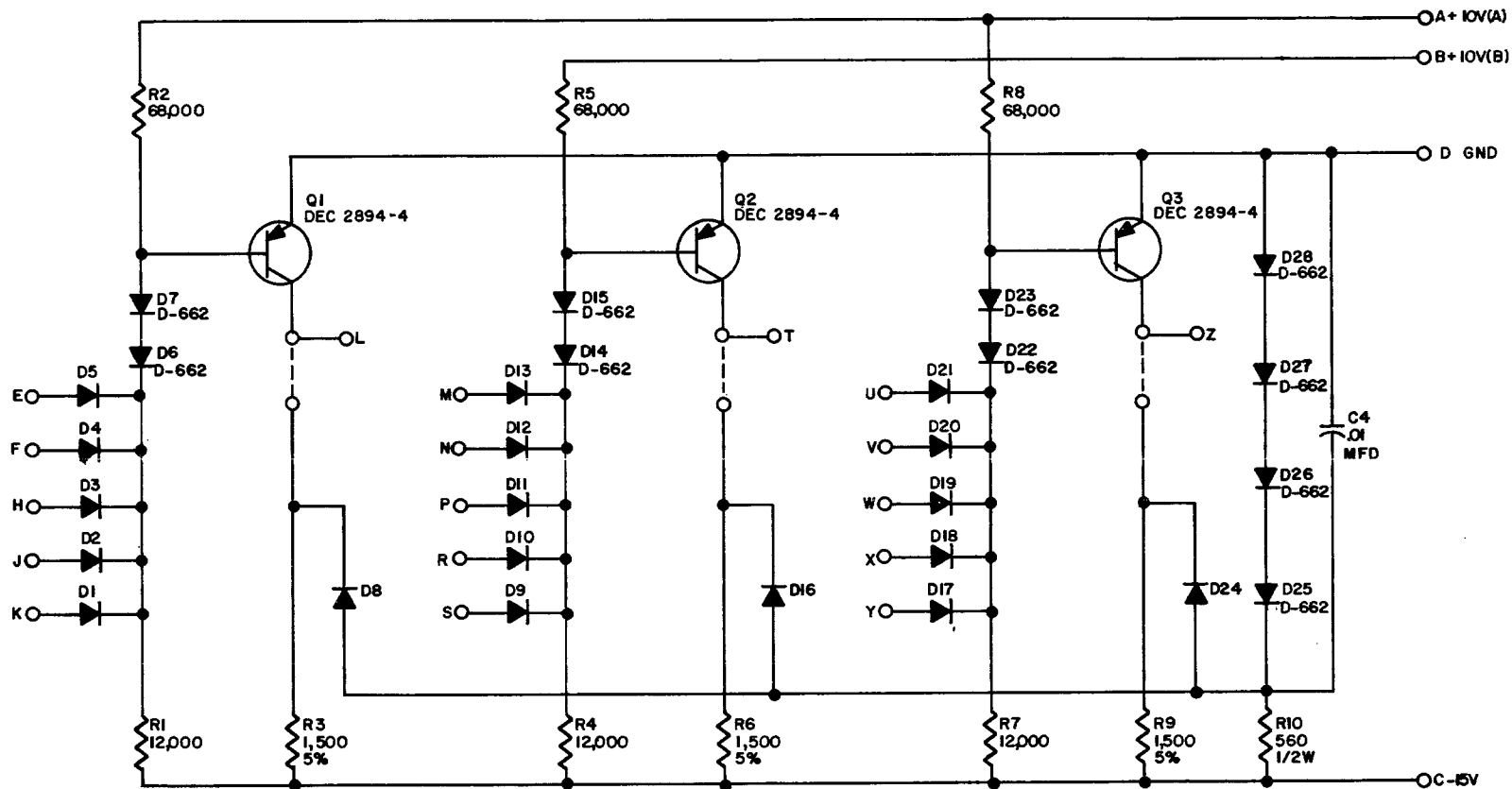
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
A					RS-B-4116															3					
DIODE 4116																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-4117-7



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 10%
DIODES ARE D-664

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-4	DEC 2894		
D-664	IN3606		
D-662	IN645		

NOTES

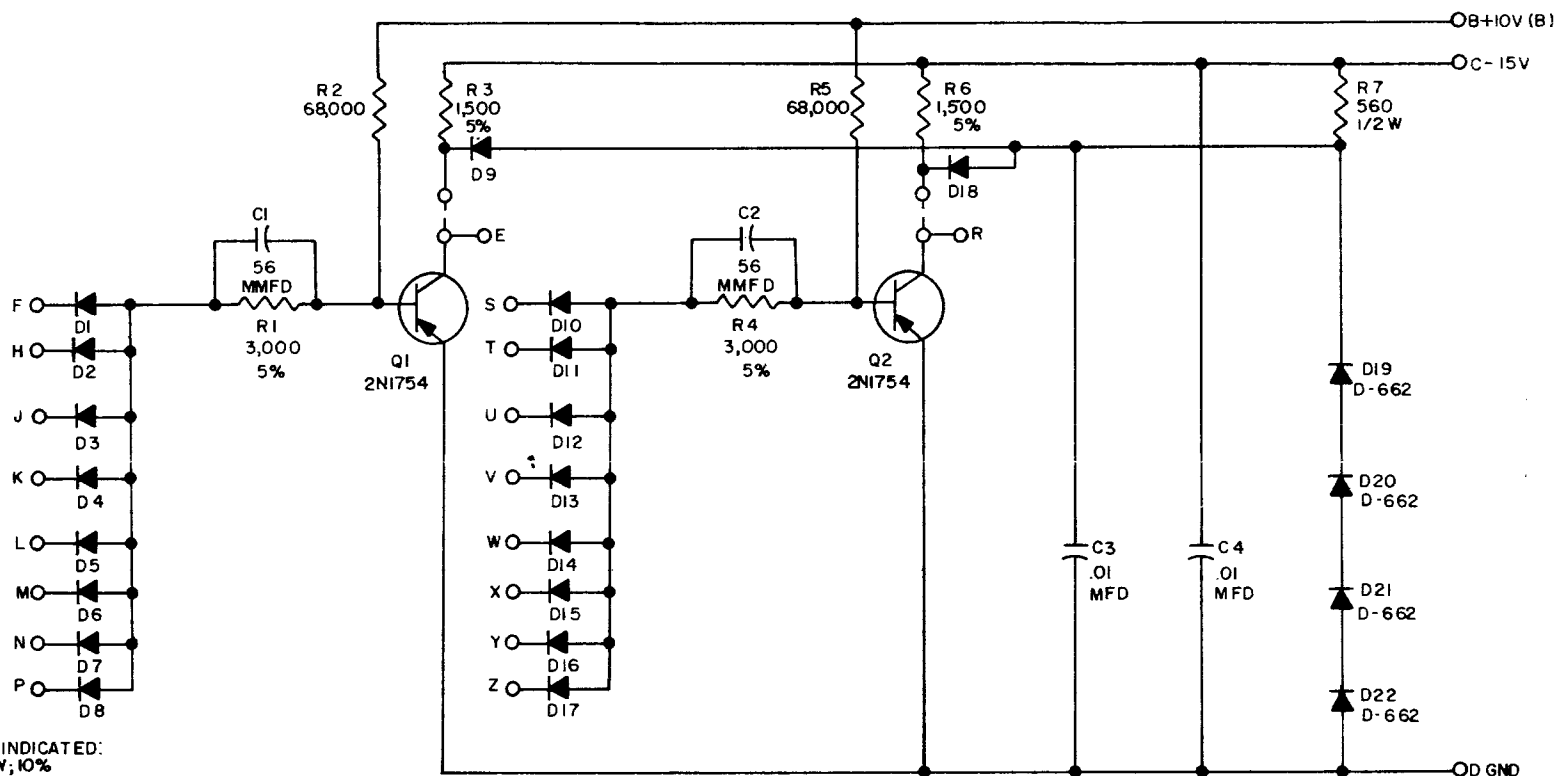
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	R	S	T	U	V	W	X	Y	Z
A,B,C										RS-B-4117										7			
DIODE 4117																							

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-4118



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W, 10%
DIODES ARE D-003

USE THE ETCHED BOARD OF THE 6118

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D-003	IN994		
D-662	IN648		
2N1754	2N1754		

NOTES

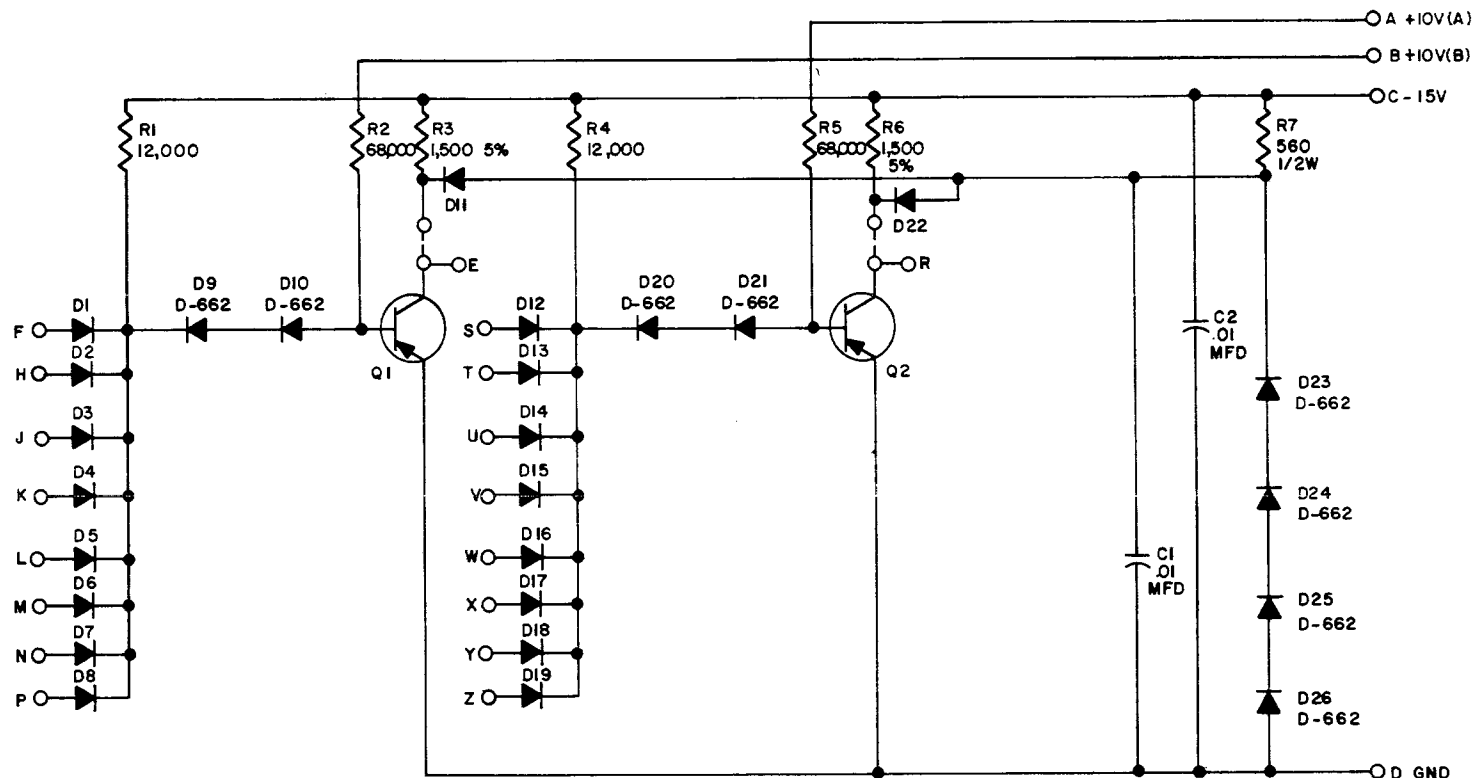
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
A, B		RS-4118																							
DIODE GATE 4118																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-4119



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 10%
DIODES ARE D-664
TRANSISTORS ARE DEC 2894-4

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-4	DEC 2894		
D-662	1N645		
D-664	1N3605		

NOTES

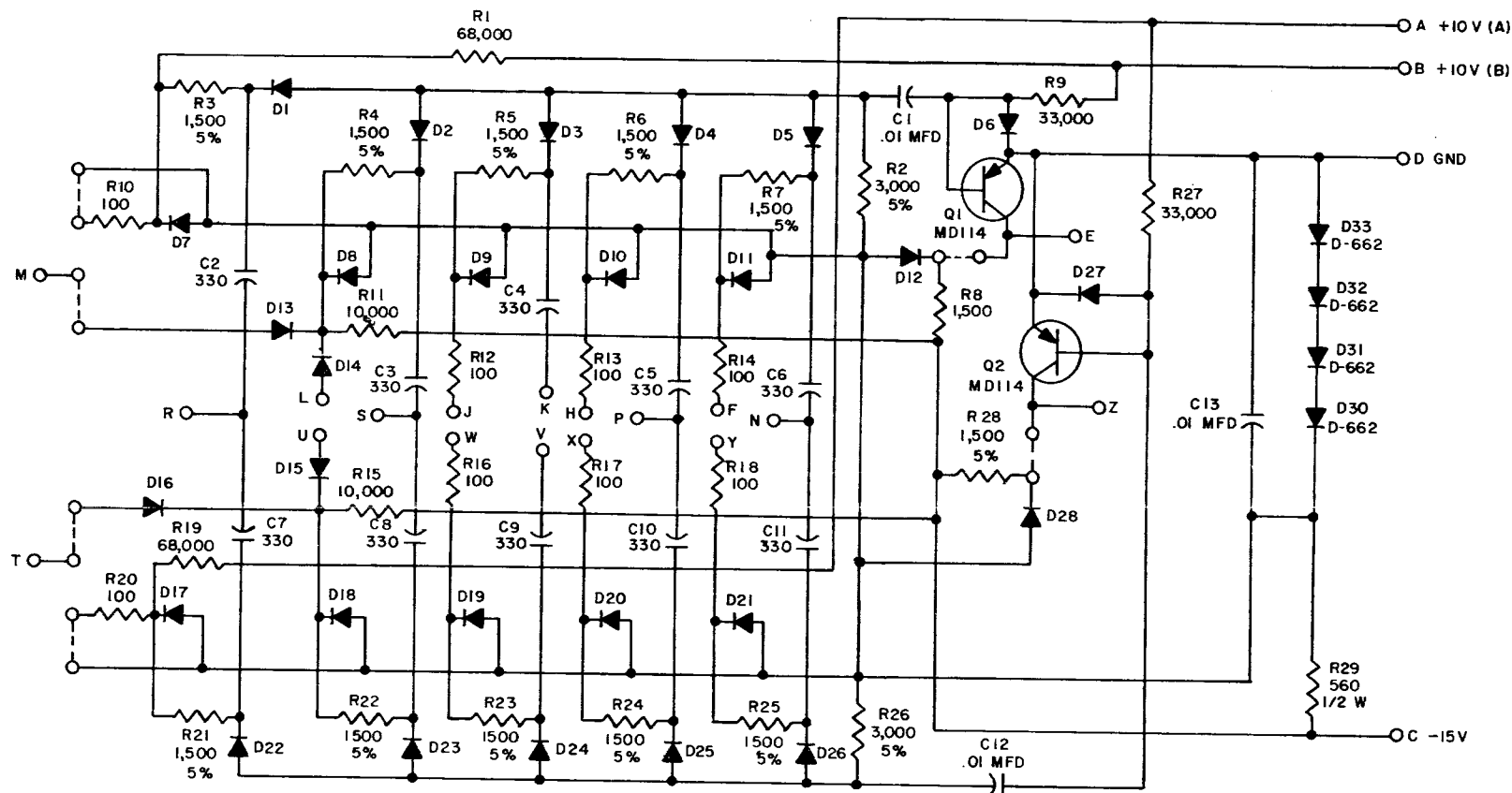
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
B										RS-B-4119															
DIODE 4119																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-4123-1



UNLESS OTHERWISE INDICATED
RESISTORS ARE 1/4 W, 10%
CAPACITORS ARE MMFD
DIODES ARE D-001

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
MD114	2N1499A		
D-001	1N276		
D-662	1N645		

NOTES

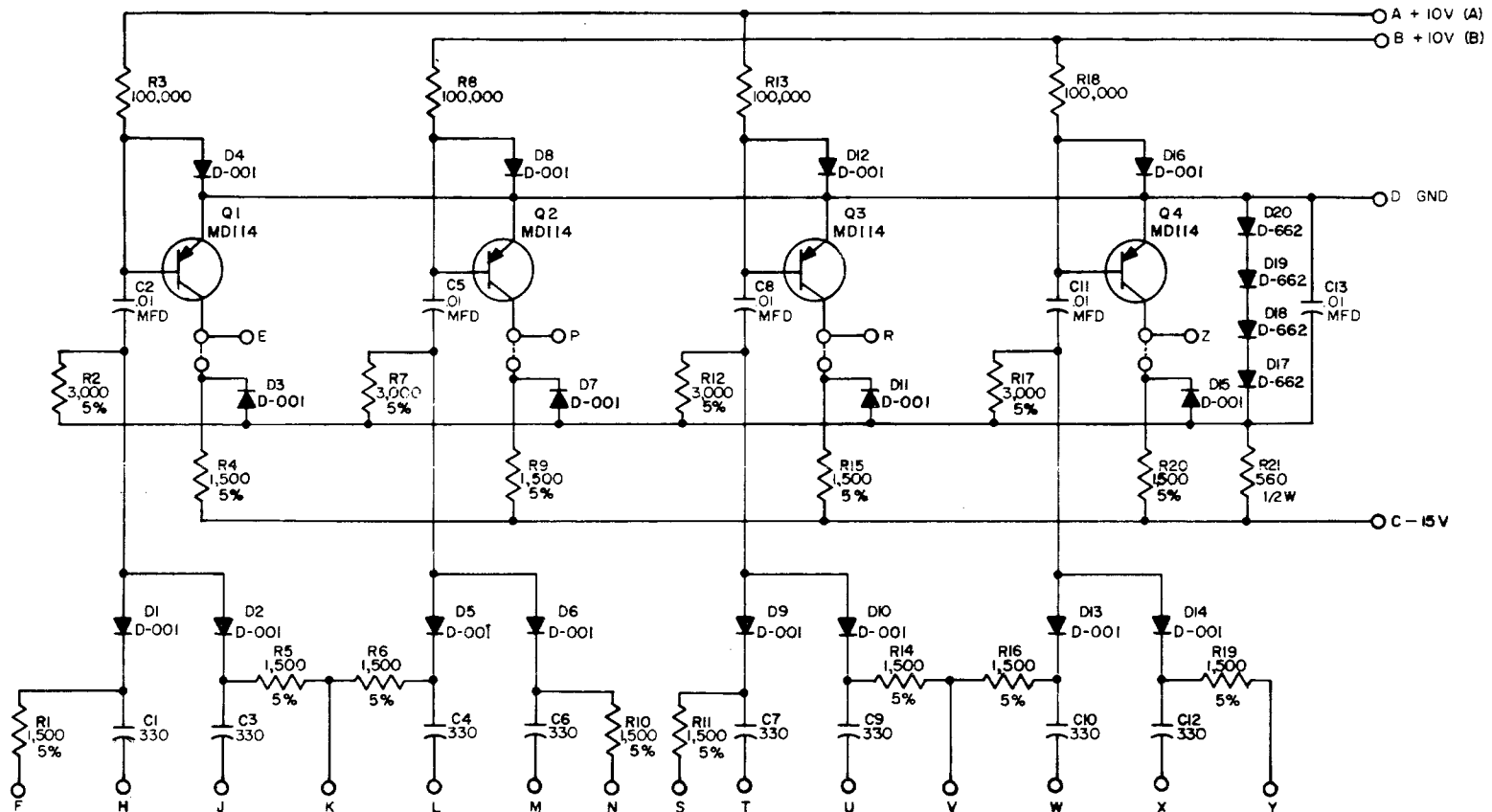
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B RS-4123 I		
NEGATIVE CAPACITOR-DIODE GATE 4123		

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-4125-4



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 10 %
CAPACITORS ARE MMFD

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
MD114	2N499A		
D-001	1N276		
D-662	1N645		

NOTES

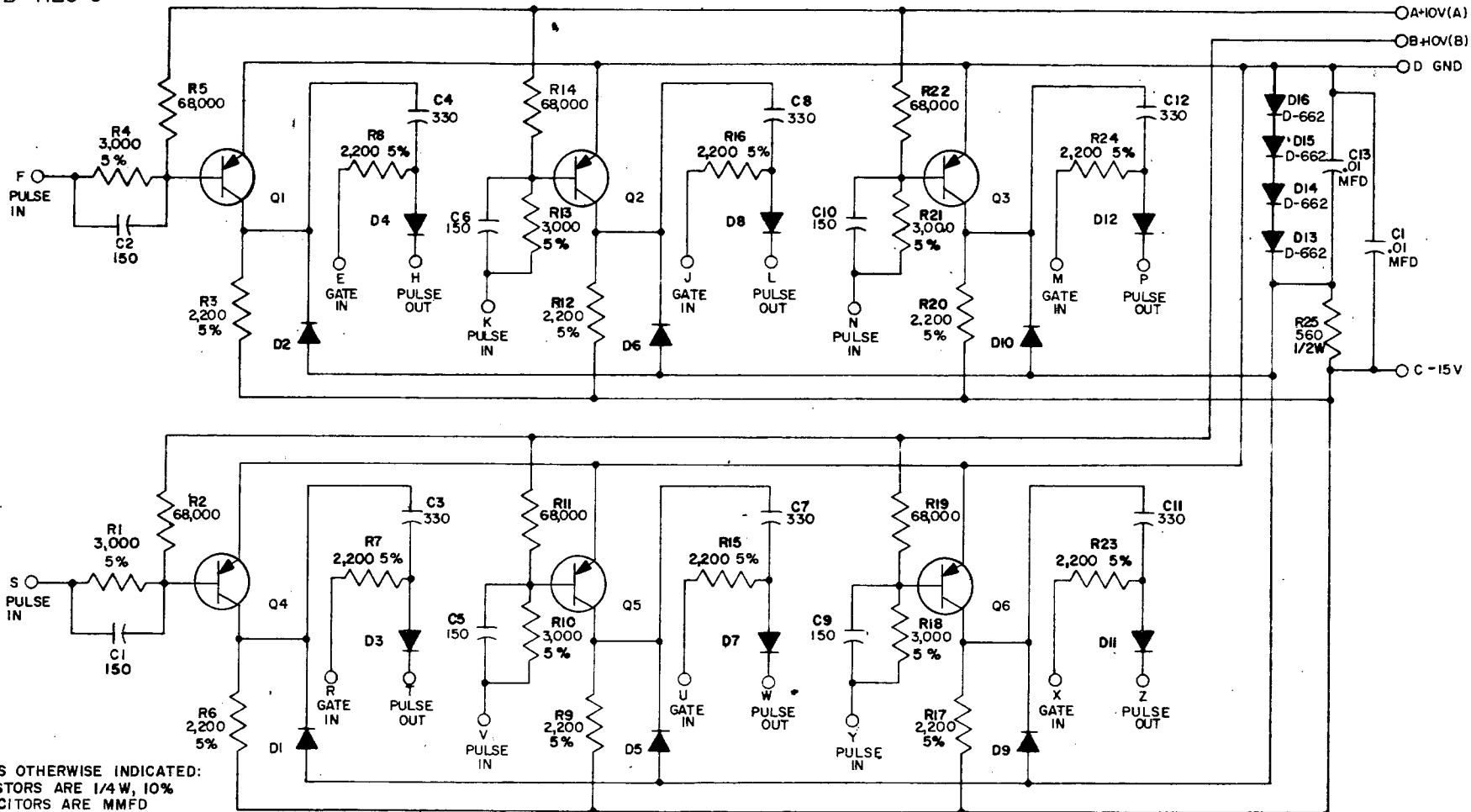
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z									
B		RS-B-4125						4	
CAPACITOR-DIODE-INVERTER 4125									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-4126-9



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W, 10%
CAPACITORS ARE MMFD
DIODES ARE D-664
TRANSISTORS ARE DEC 2894-4

[illegible]

NOTES

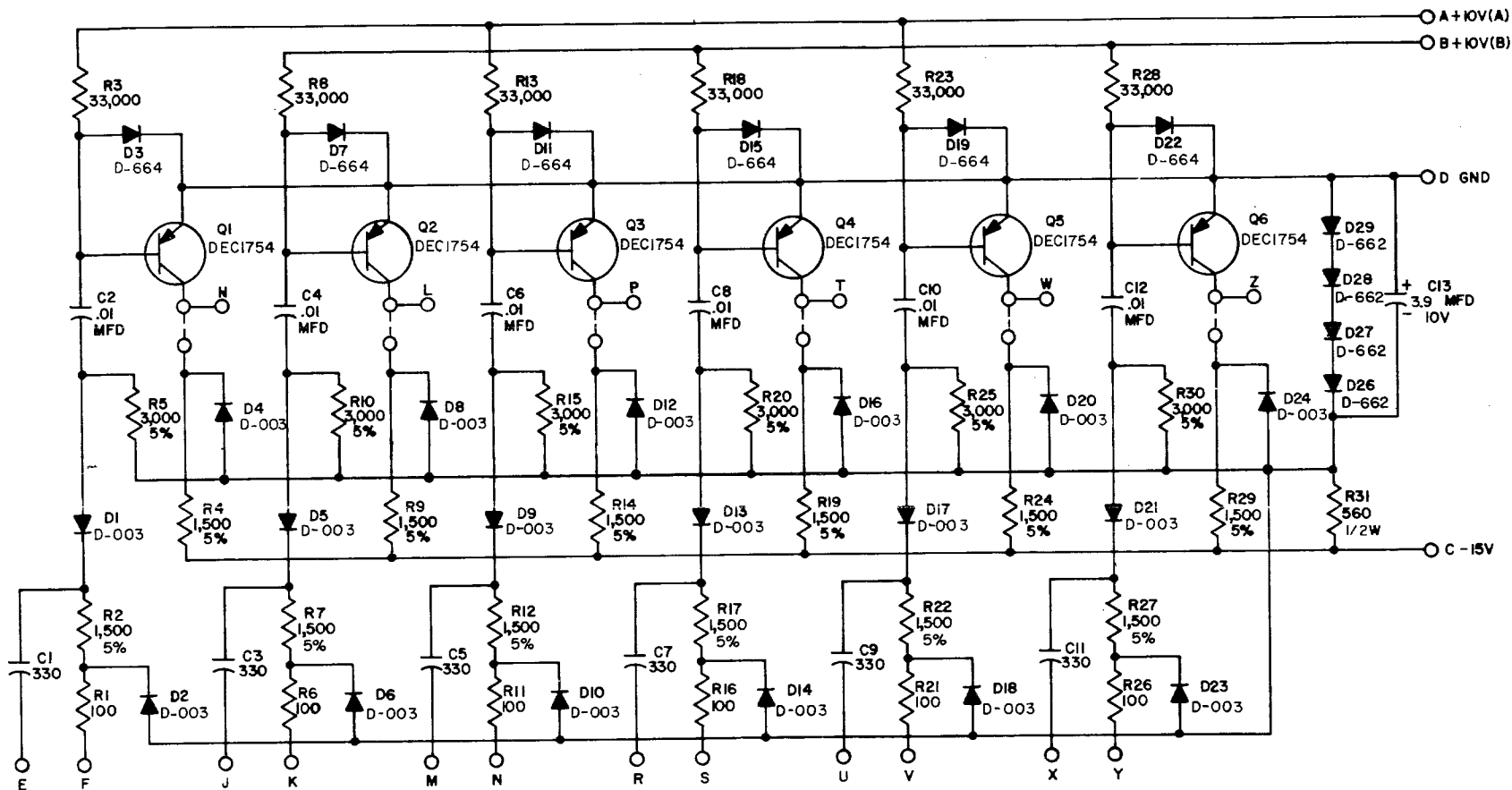
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
A,B,C,D										RS-B-4126										9					
INVERTER-CAPACITOR-DIODE 4126																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-4127-7



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 10%
CAPACITORS ARE MMFD

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC1754	2N1499A		
D003	IN994		
D662	IN646		
D664	IN3606		

NOTES

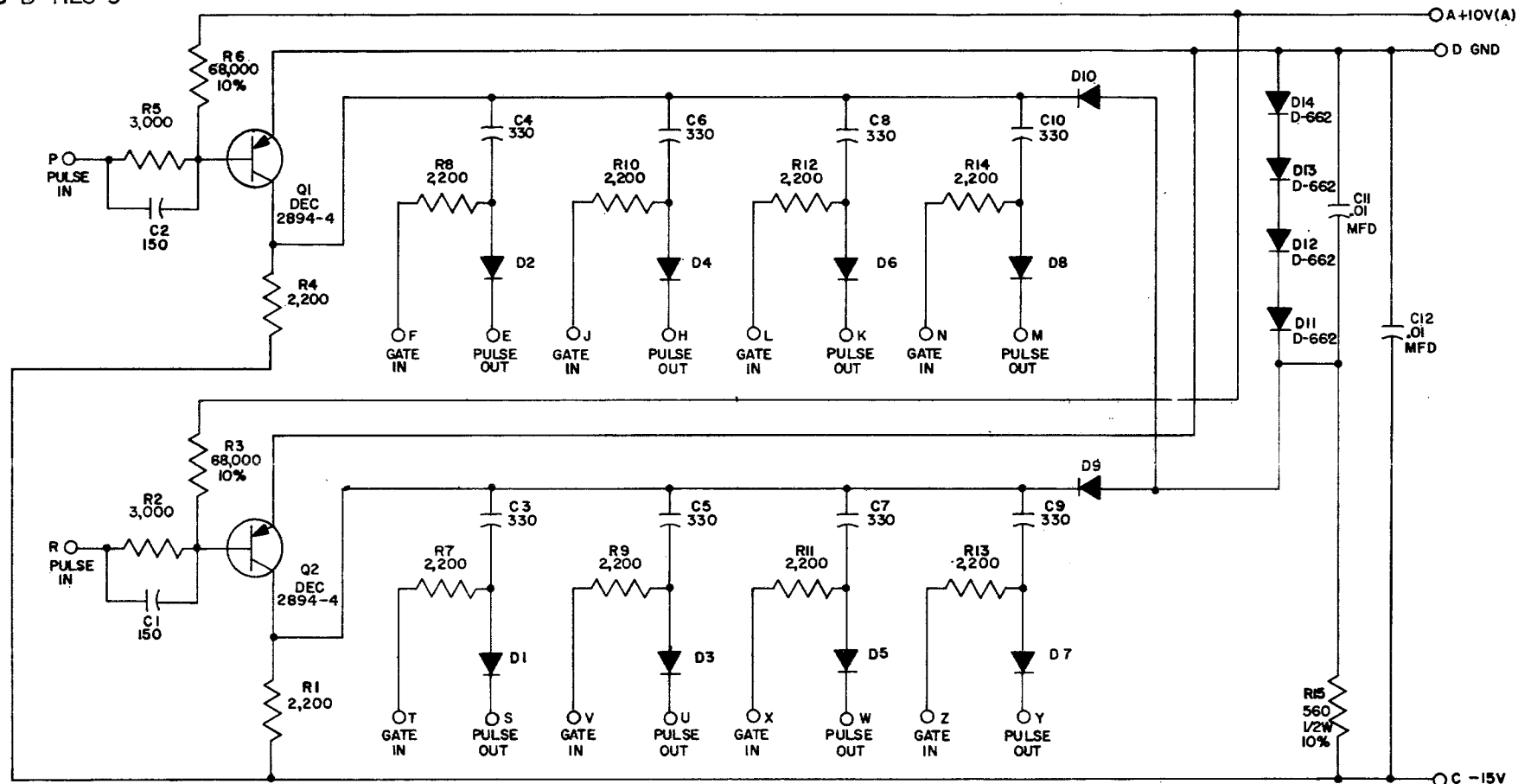
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
E					RS-B-4127															7					
CAPACITOR-DIODE-INVERTER 4127																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-4128-9



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 5%
CAPACITORS ARE MMFD
DIODES ARE D-664

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-4	DEC 2894		
D-664	IN3606		
D-662	IN645		

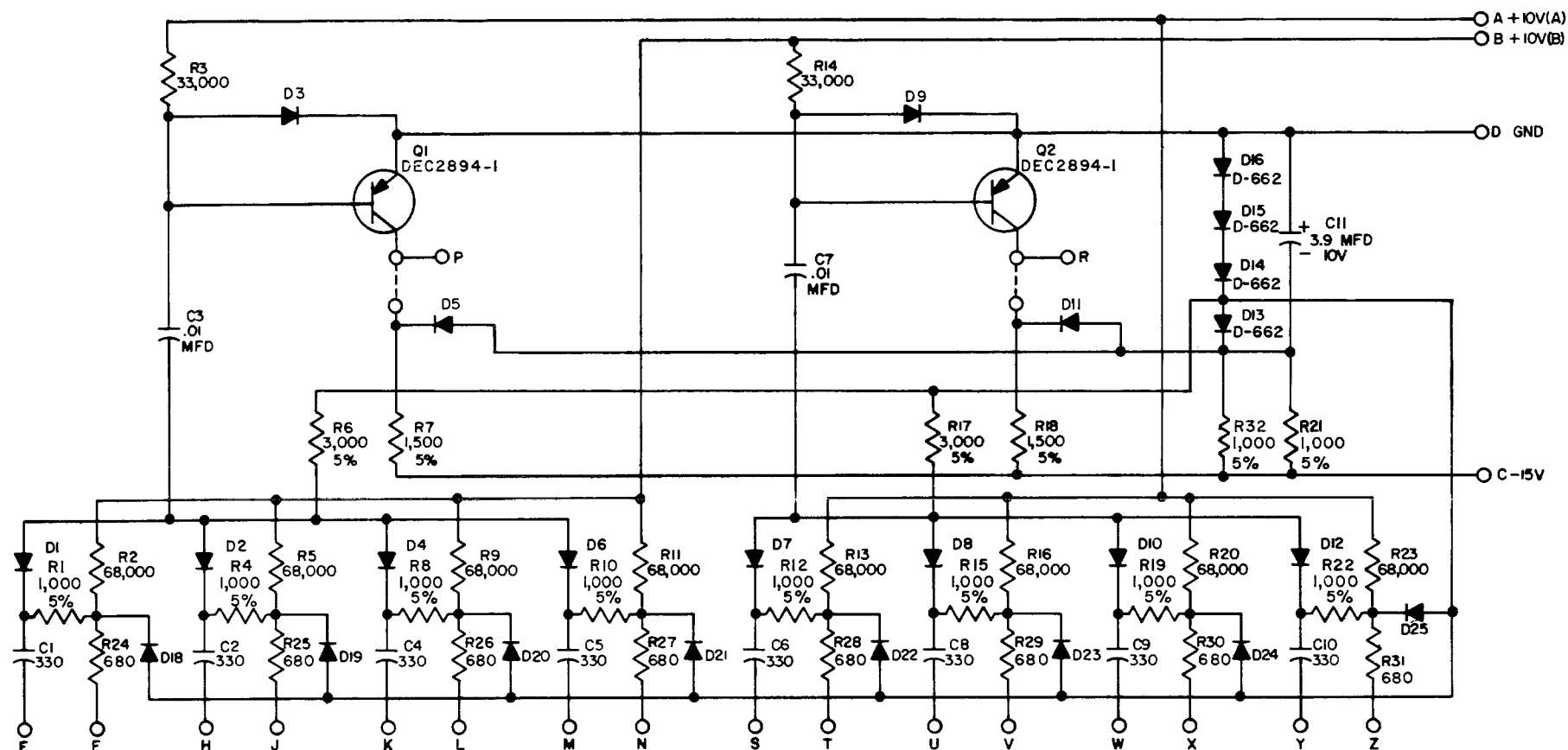
NOTES

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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
D													RS-B-4128										9		
INVERTER-CAPACITOR-DIODE 4128																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4w; 10%
CAPACITORS ARE MMFD
DIODES ARE D-664

[illegible]

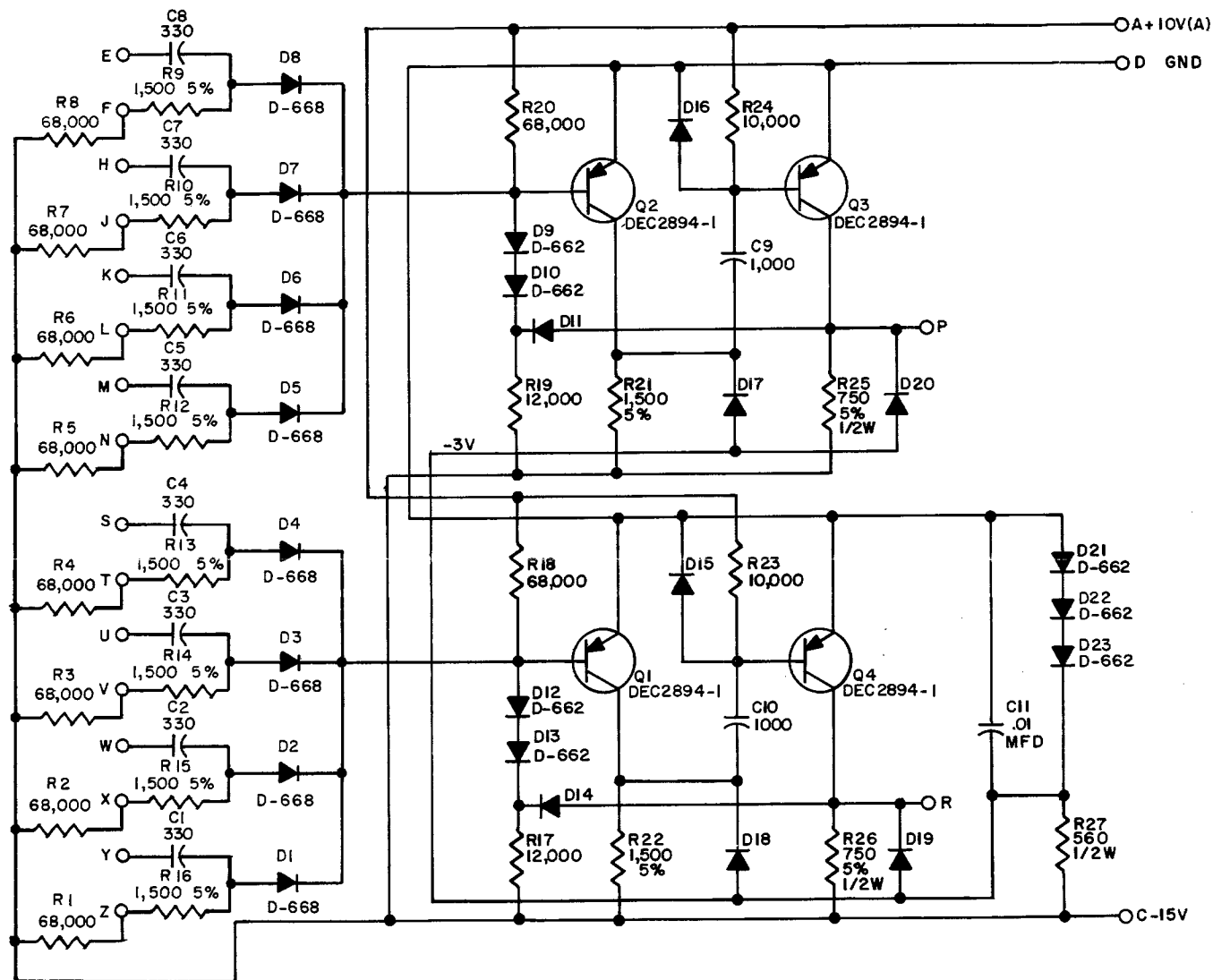
NOTES

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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
H										RS-B-4129										9					
CAPACITOR DIODE INVERTER 4129																									

RS-B-4130-3



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4 W; 10%
CAPACITORS ARE MMFD
DIODES ARE D-664

TRANSISTOR & DIODE CONVERSION CHART	
DEC	EIA
DE-2894-I	DEC2894
D-662	1N645
D-664	1N3606
D-668	D-668 *

NOTES
* 2 (TWO) IN3606 IN SERIES

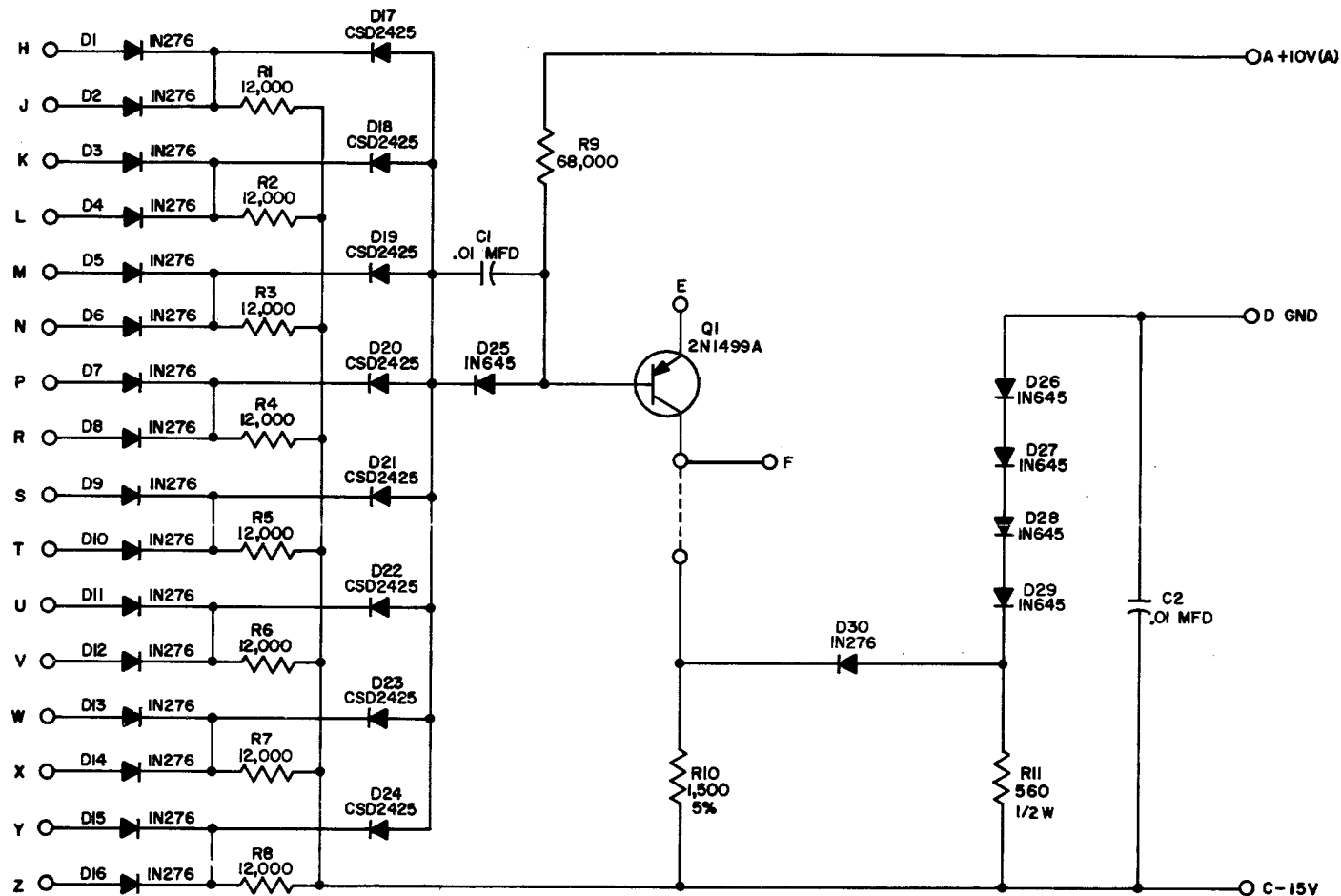
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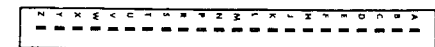
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
C					RS-8-4130															3					
POSITIVE CAPACITOR-DIODE GATE 4130																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-4139-3



UNLESS OTHERWISE INDICATED
RESISTORS ARE 1/4 W, 10%



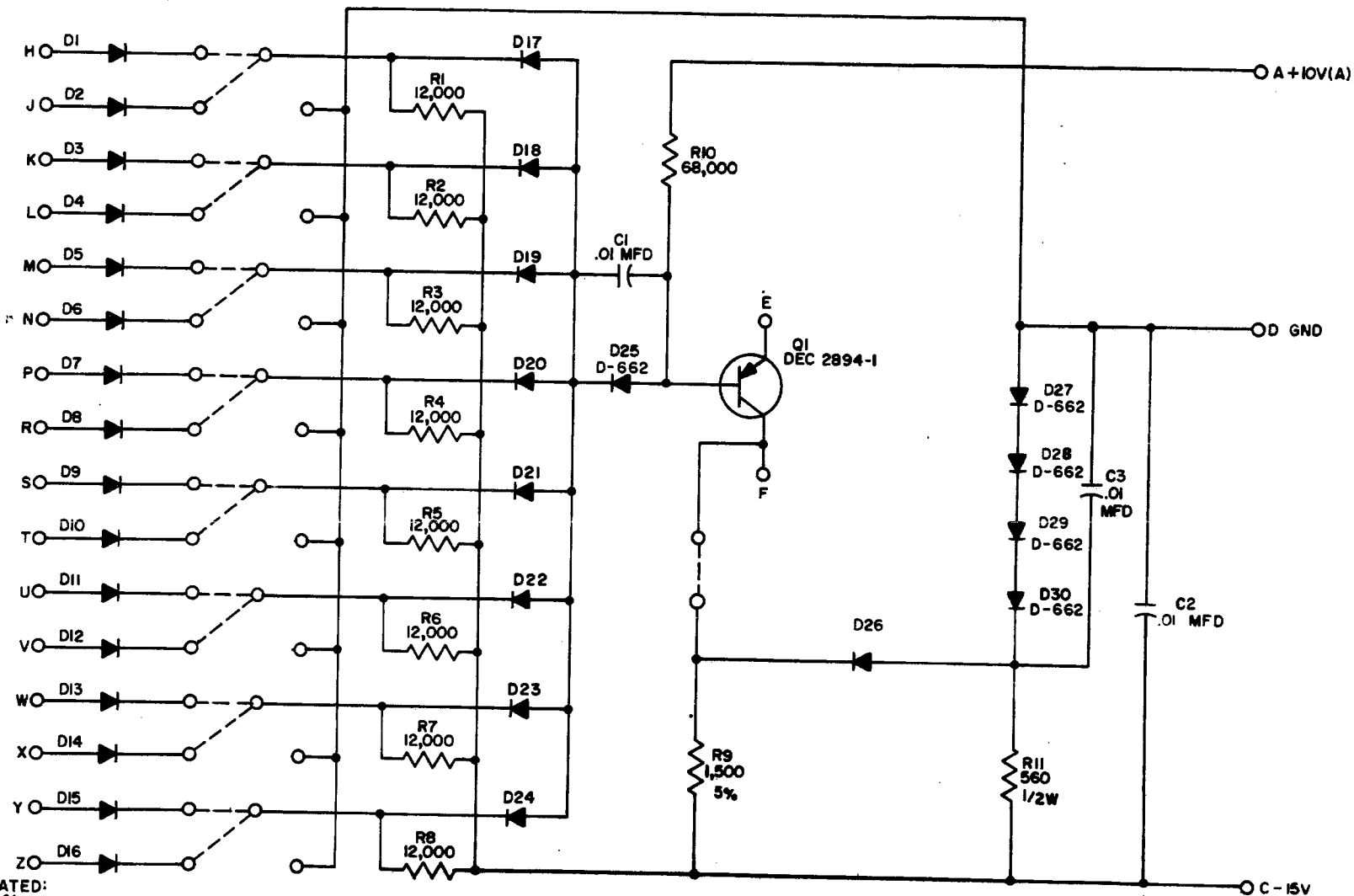
DIODE UNIT 4139 (A,B) RS-4139-3

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DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-4141-5



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 10%
DIODES ARE D-664

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 2894-1	DEC 2894-1		
D-662	1N648		
D-664	1N3606		

NOTES

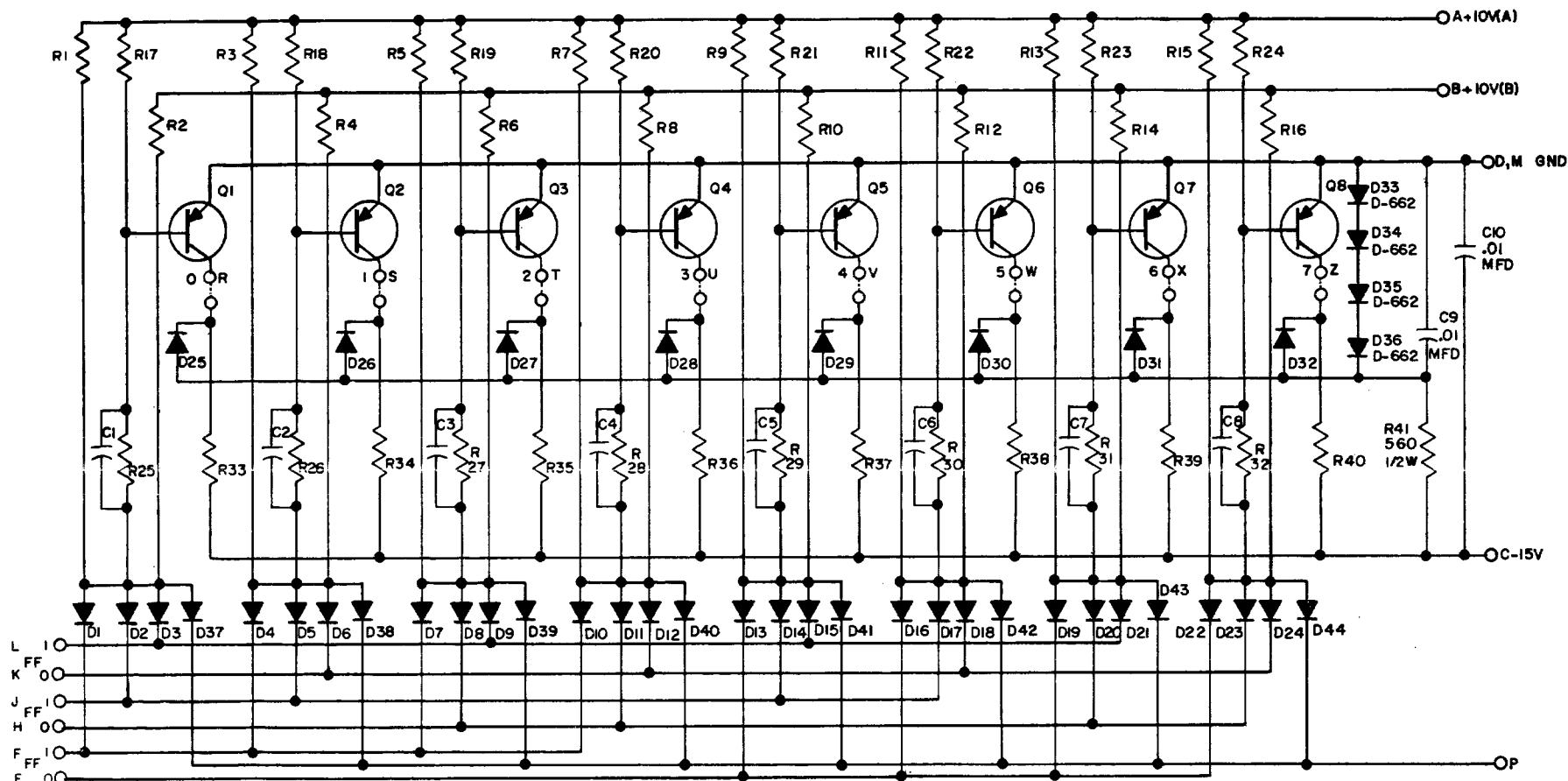
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																									
C							RS-B-4141												5						
DIODE UNIT 4141																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-B-4150-6



Q1-Q8 ARE 2N1305
UNMARKED DIODES
ARE D-003.
R1-R16 27,000 $\sim$ 1/4W, 10%
R17-24 56,000 $\sim$ 1/4W, 10%
R25-R32 2,200 $\sim$ 1/4W, 5%
R33-R40 1500 $\sim$ 1/4W, 5%
C1-C8 .001 MFD.

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N1305	2N1305		
D-003	IN994		
D-662	IN646		

NOTES

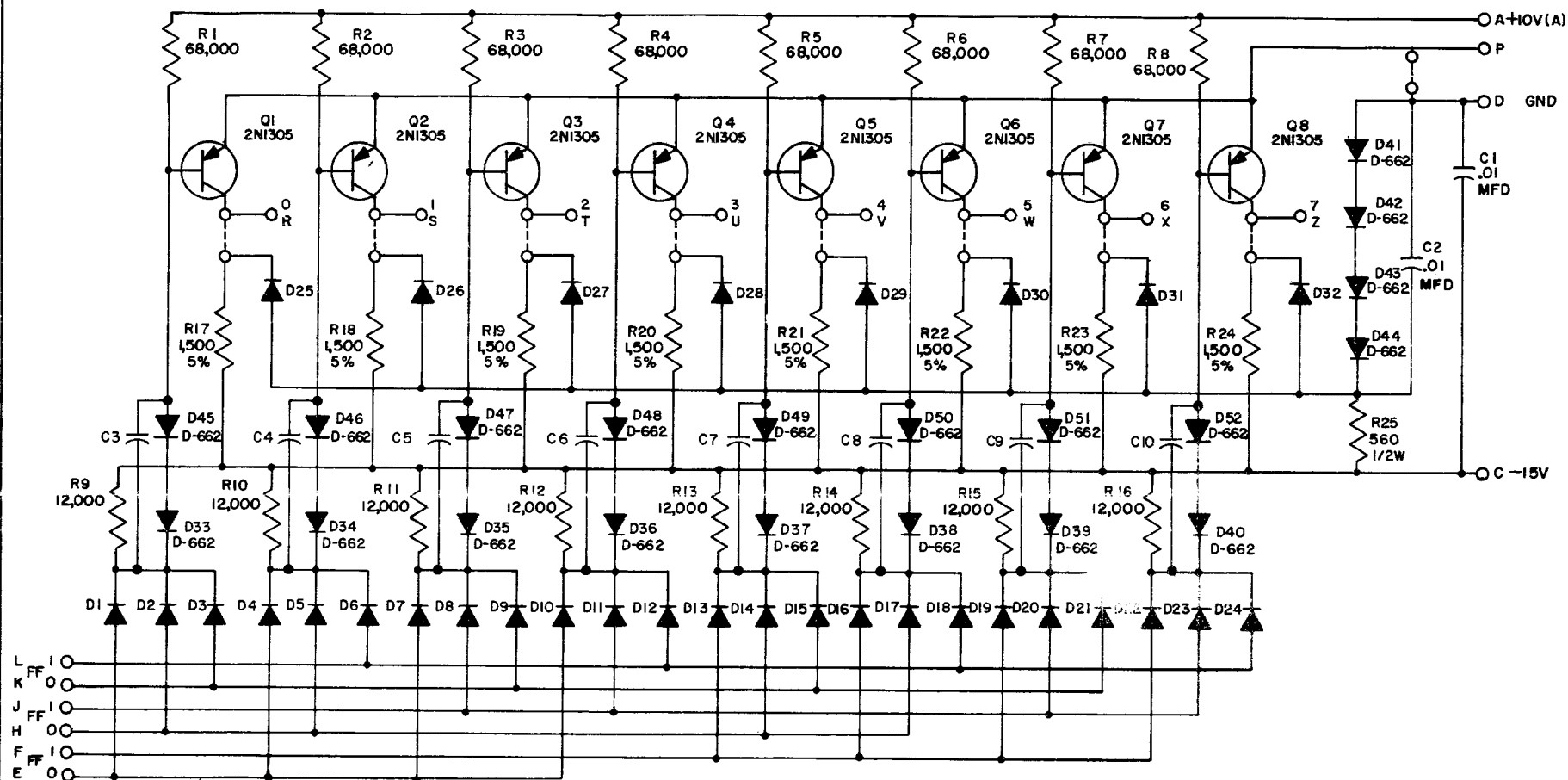
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z															
F				RS-B-4150								6			
BINARY TO OCTAL DECODER 4150															

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-4151-8



UNLESS OTHERWISE INDICATED
RESISTORS ARE 1/4 W, 10 %
DIODES ARE D-003
CAPACITORS ARE .0022 MFD

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N1305	2N1305		
D-001	1N278		
D-662	1N645		

NOTES

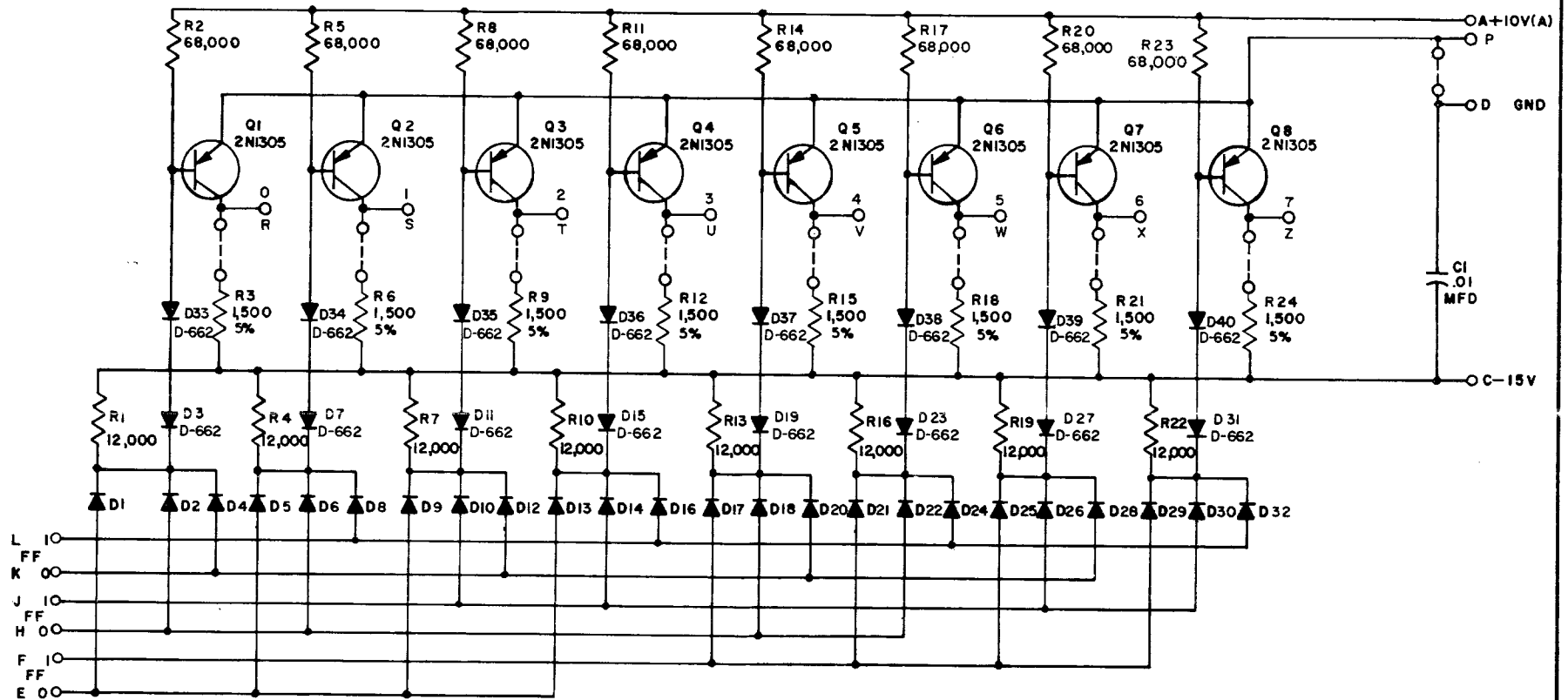
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A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	X	Y	Z	
L				RS-4151												8							
BINARY TO OCTAL DECODER 4151																							

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS

RS-4153-7



UNLESS OTHERWISE INDICATED
RESISTORS ARE 1/4 W, 10%
DIODES ARE D-001

[illegible]

NOTES

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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
H, J										RS-4153										7					
BINARY TO OCTAL DECODER 4153																									

DIGITAL EQUIPMENT CORPORATION • MAYNARD, MASSACHUSETTS