DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

ACCESSORY LIST

MADE BY J. Ingledue DATE 5/31/72	CHECKED [illegible] DATE 6-6-72	SECTION
ENG DATE	PROD DATE	ISSUED SECT.

LEGEND

D DOCUMENT
DN DOCUMENT CHANGE NOTICE
PA PAPER TAPE ASCII
PB PAPER TAPE BINARY
PM PAPER TAPE READ-IN-MODE

ITEM NO.	DWG NO./PART NO.	DESCRIPTION	QUANTITY VARIATION: MASTER DRIVE	SLAVE DRIVE		TM11 (ALL SLAVES)	TC58 or 59 (FIRST SLAVE) TYPE OF CONTROL	TC58 or 59 (all exceed first slave)		KIT CHECK BY ____ DATE ____	INSTALLATION CHECK BY ____ DATE ____
1	TU10-0	Complete print set (see A-ML-TU10-0)	1	1							
2	DEC-00-TU10S-D	Dec Magtape Maintenance Manual (Slave)	1	1							
3	DEC-00-TU10M-D	Master Systems Manual (Master)	1	Ø							
4	1210346	Tape Reel, Take up	1	1							
5	1203499	Tape Reel, Magtape 2400'	1	1							
6	TUC-01	Head Cleaning Kit	1	1							
7	DEC TU10-IPB-1	ILLUSTRATED PARTS BREAKDOWN	-								
		THE FOLLOWING ITEMS MUST BE SUPPLIED BY THE SHIPPING PLANT TO THE END CUSTOMER.									
		Note: For system mounted cabinets, use the following:									
	BC08A-10	I/O Cable (mylar) 10'				3	1	3			
	BC08C-10	I/O Cable (mylar) 10'				Ø	2	Ø			
		Note: For free standing cabinets, use the following:									
	BC08N-10	I/O Cable (round coax) 10'				Ø	2	Ø			
	BC08P-10	I/O Cable (round coax) 10'				3	1	3			

TITLE	ASSY. NO.	SIZE	CODE	NUMBER	REV.	ECO NO
DEC MAGTAPE TRANSPORT	SHEET OF	A	AL	TU10-0-21	B	TU10-00074
		DIST.				

+5V, AA2 · GND · AM2 · AP2 · AS2 · AT2 · AU2 · BE2 · BH2 · BK2 · BM2 · BP2 · BS2 · -15V, AB2

C32 39uf 10V 10% · R101 1.5K · R102 1.47K 1/8W 1% MF · C28 .01uf 20% · C29 .01uf 20% · R100 820 · Q1 · Q2 · C33 6.8uf 35V 20% · R105 · C30 .01uf 20% · C34 6.8uf 35V 20% · R103 2K 1/8W 1% MF · Q4 · Q3 DEC2904 · R104 4.7K · D19 D20 D21 D22 · C31 .01uf 20%

P/O CONN2 GND GND GND GND

P/O CONN2 · R1 825 1/8W 1% MF · R46 · R55 · R10 825 1/8W 1% MF · R82 · R64 470K · C1 · E1 · C2 · R73 470K · R91 · R28 · C19 47uf 25V 20% · D1 · D2 · R37 · R19 4.7K · ALI

C35 6.8uf 35V 20% · +5V · -7V · -15V

P/O CONN2 · R2 825 1/8W 1% MF · R47 · R56 · R11 825 1/8W 1% MF · R83 · R65 470K · C3 · E2 · C4 · R74 470K · R92 · R29 · C20 47uf 25V 20% · D3 · D4 · R38 · R20 4.7K · ANI

P/O CONN2 · R3 825 1/8W 1% MF · R48 · R57 · R12 825 1/8W 1% MF · R84 · R66 470K · C5 · E3 · C6 · R75 470K · R93 · R30 · C21 47uf 25V 20% · D5 · D6 · R39 · R21 4.7K · ARI

P/O CONN2 · R4 825 1/8W 1% MF · R49 · R58 · R13 825 1/8W 1% MF · R85 · R67 470K · C7 · E4 · C8 · R76 470K · R94 · R31 · C22 47uf 25V 20% · D7 · D8 · R40 · R22 4.7K · BDI

C36 6.8uf 35V 20% · +5V · -7V · -15V

P/O CONN2 · R5 825 1/8W 1% MF · R50 · R59 · R14 825 1/8W 1% MF · R86 · R68 470K · C9 · E5 · C10 · R77 470K · R95 · R32 · C23 47uf 25V 20% · D9 · D10 · R41 · R23 4.7K · BFI

P/O CONN2 · R6 825 1/8W 1% MF · R51 · R60 · R15 825 1/8W 1% MF · R87 · R69 470K · C11 · E6 · C12 · R78 470K · R96 · R33 · C24 47uf 25V 20% · D11 · D12 · R42 · R24 4.7K · BJI

P/O CONN2 · R7 825 1/8W 1% MF · R52 · R61 · R16 825 1/8W 1% MF · R88 · R70 470K · C13 · E7 · C14 · R79 470K · R97 · R34 · C25 47uf 25V 20% · D13 · D14 · R43 · R25 4.7K · BLI

C37 68uf 35V 20% · +5V · -7V · -15V

P/O CONN2 · R8 825 1/8W 1% MF · R53 · R62 · R17 825 1/8W 1% MF · R89 · R71 470K · C15 · E8 · C16 · R80 470K · R98 · R35 · C26 47uf 25V 20% · D15 · D16 · R44 · R26 4.7K · BNI

P/O CONN2 · R9 825 1/8W 1% MF · R54 · R63 · R18 825 1/8W 1% MF · R90 · R72 470K · C17 · E9 · C18 · R81 470K · R99 · R36 · C27 47uf 25V 20% · D17 · D18 · R45 · R27 4.7K · BRI

-7V, AJI T.P.

UNLESS OTHERWISE INDICATED:
RESISTORS ARE 10K, 1/4W, 5%
CAPACITORS ARE 10pf, 100V, 5%
DIODES ARE D664
TRANSISTORS ARE DEC6534B
IC'S ARE DEC1520

REVISIONS			
CHK	CHG NO	REV	

DRN R. Riley DATE 12-18-68
CH'D DATE
ENG M. Morgan DATE 12-21-68
PROD DATE

TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA
D664	IN3606		
DEC6534B	NONE		
DEC2904	2N1132		

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

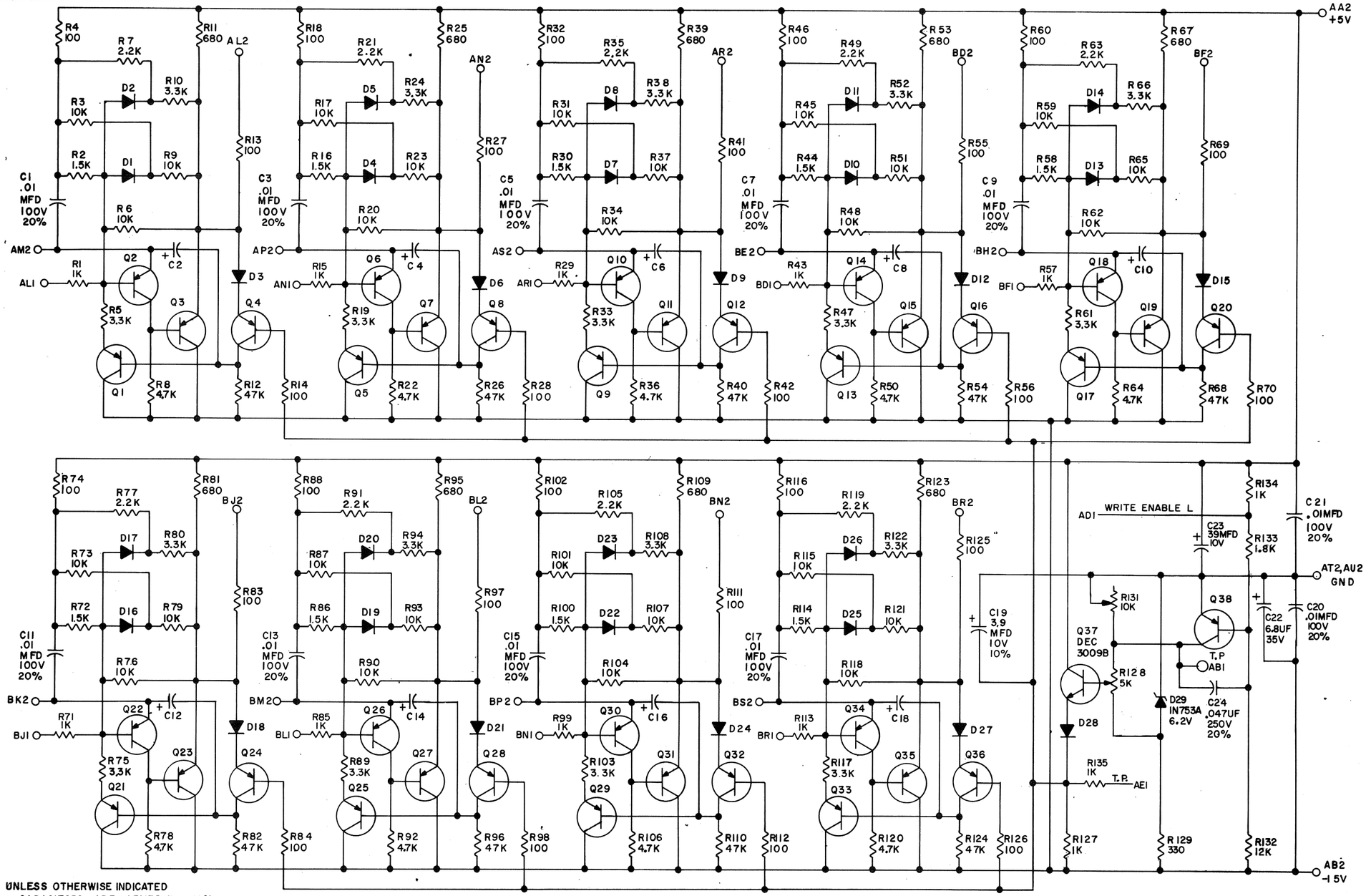
TITLE READ AMPLIFIER G050

SIZE	CODE	NUMBER	REV.
D	CS	G050-0-1	C

PRINTED CIRCUIT REV. D

DEC FORM NO. DRD 118

SIZE D · CODE CS · NUMBER G050-0-1 · REV. C



UNLESS OTHERWISE INDICATED
CAPACITORS ARE .47MFD, 35V, 10%
DIODES ARE D664
RESISTORS ARE 1/4W 5%
TRANSISTORS ARE DEC 6534B

REVISIONS			
CHK	CHG NO.	REV.	

DRN.		DATE 10-15-69
CHK'D		DATE 2-(1)-71
ENG.		DATE 3-11-71
PROD.		DATE

TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA
D664	IN3606	IN753A	SAME
D662	IN645		
IN745A	SAME		
DEC6534B	MPS6534		
DEC3009B	2N3009		

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

TITLE: TUIO COMPRESSOR G060

SIZE	CODE	NUMBER	REV.
C	CS	G060-0-1	C

PRINTED CIRCUIT REV. D

SIZE C CODE CS NUMBER G060-0-1 REV. C

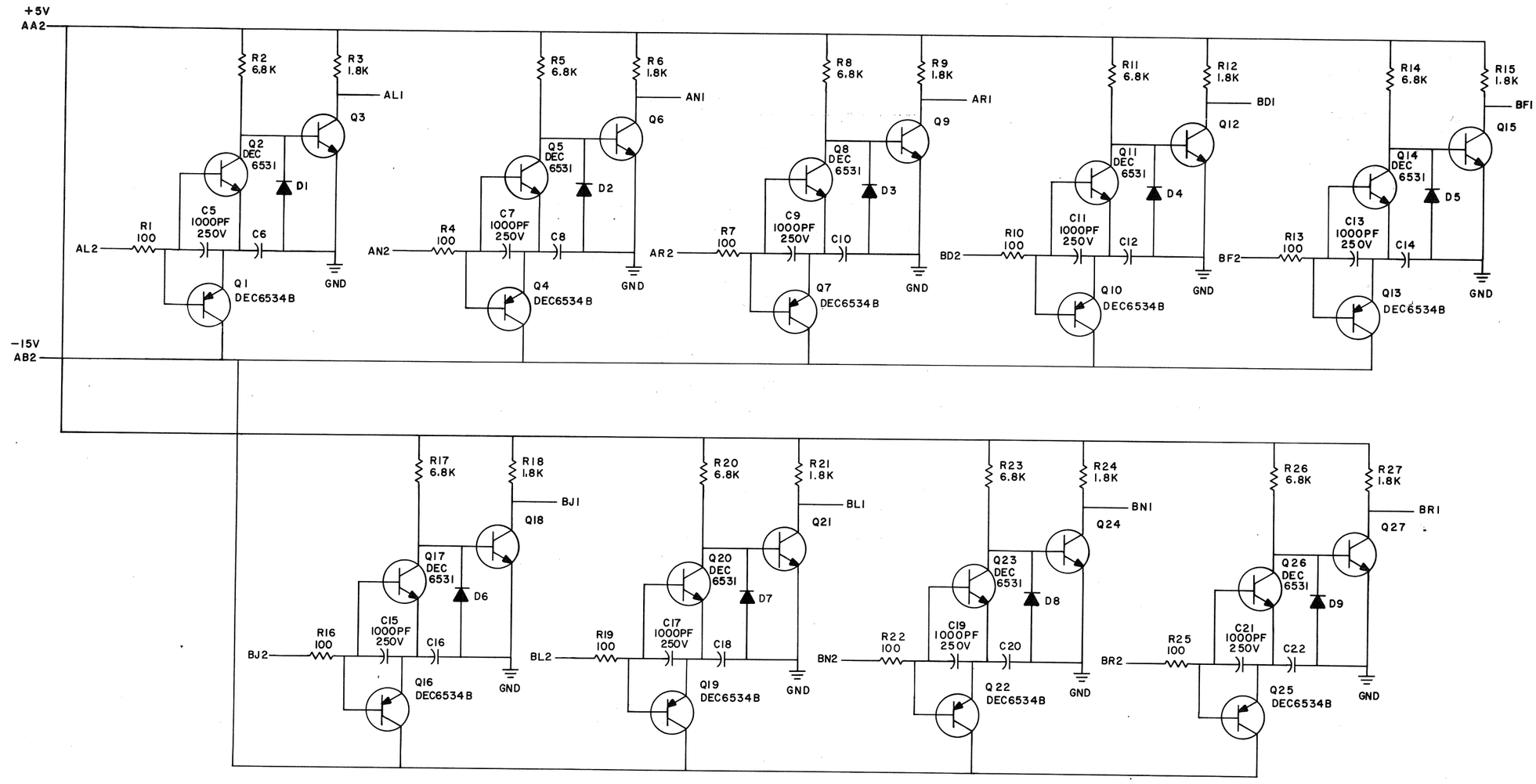
DEC FORM NO. DRC 102

DIST. 324,434,435

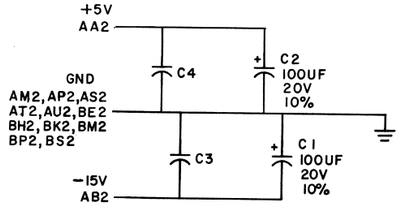
4

Rink

MS624



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 5%
CAPACITORS ARE .01UF, 100V, 20%
TRANSISTORS ARE DEC3009B
DIODES ARE D664



REVISIONS					
CHK	CHG NO.	REV.			
3/14/71 H. DRAB	00001	B			
	00002	C			
	G062-3	D			

DRN.	J. COOPER	DATE 11/6/70
CHK'D	M. Waller	DATE 11/10/70
ENG.	M. Margaret	DATE
PROD.		DATE

TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA
DEC6534B	MPS6534	D664	IN3606
DEC6531	MPS6531		
DEC3009B	2N3009B		

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

TITLE: PEAK DETECTOR G062

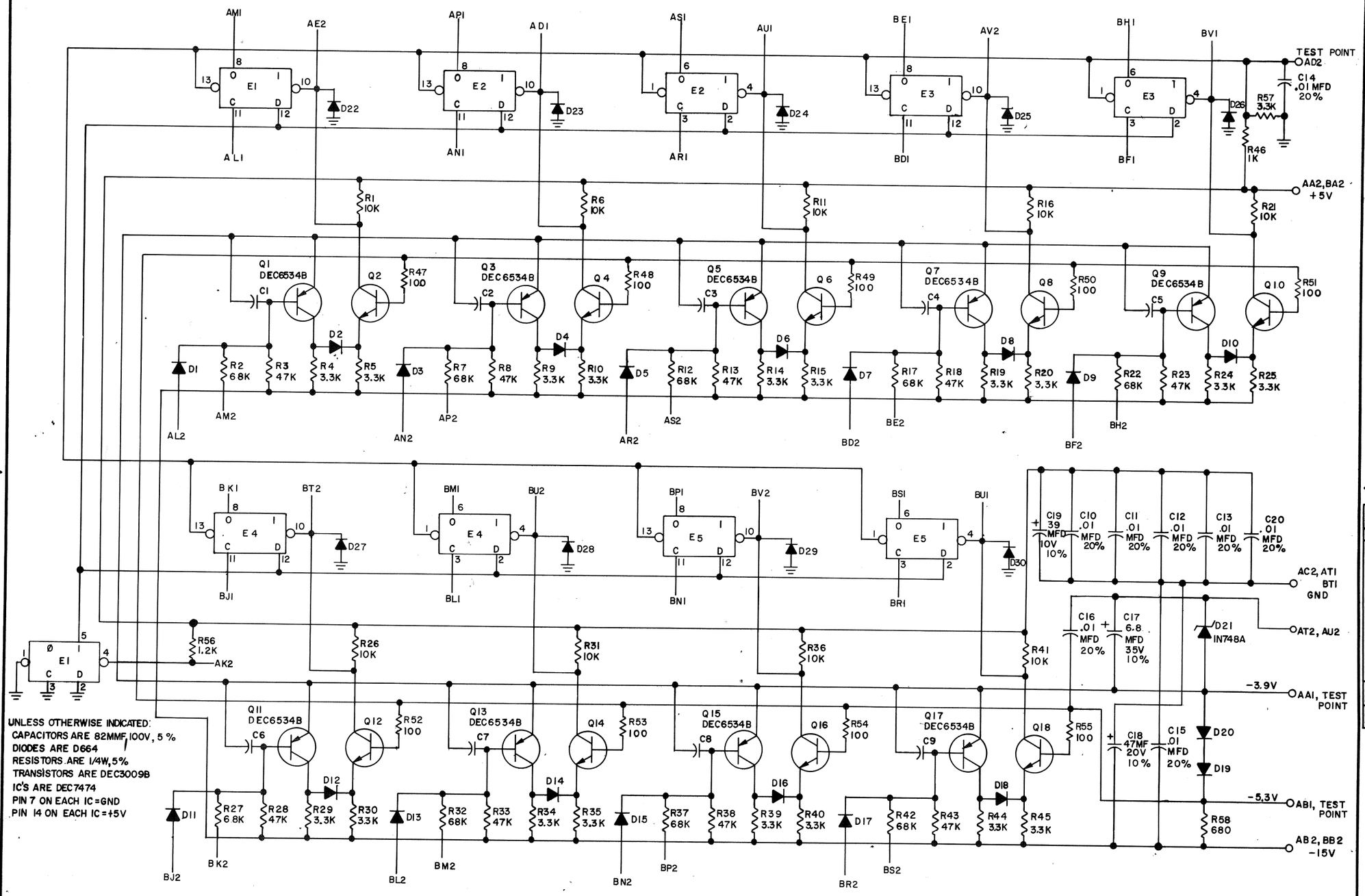
SIZE	CODE	NUMBER	REV.
C	CS	G062-0-1	D

PRINTED CIRCUIT REV. D

SIZE	CODE	NUMBER	REV.
C	CS	G062-0-1	D

DEC FORM NO. DRC 102

DIST. 324, 434, 435 3
5 PINK



UNLESS OTHERWISE INDICATED:
CAPACITORS ARE 82MMF, 100V, 5 %
DIODES ARE D664
RESISTORS ARE 1/4W, 5%
TRANSISTORS ARE DEC3009B
IC'S ARE DEC7474
PIN 7 ON EACH IC=GND
PIN 14 ON EACH IC=+5V

REVISIONS	CHK	CHG NO.	REV.
		00001	B
		00002	C

DRN.	G Clemence	DATE 3SEP69
CHK'D	Crowley	DATE 3 SEP 70
ENG.	R Mcfarland	DATE 8-14-70
PROD.		DATE

TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA
D664	IN3606		
DEC6534B	MPS6534		
DEC3009B	2N3009B		

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

TITLE SLICER G064

SIZE	CODE	NUMBER	REV
C	CS	G064-0-1	C

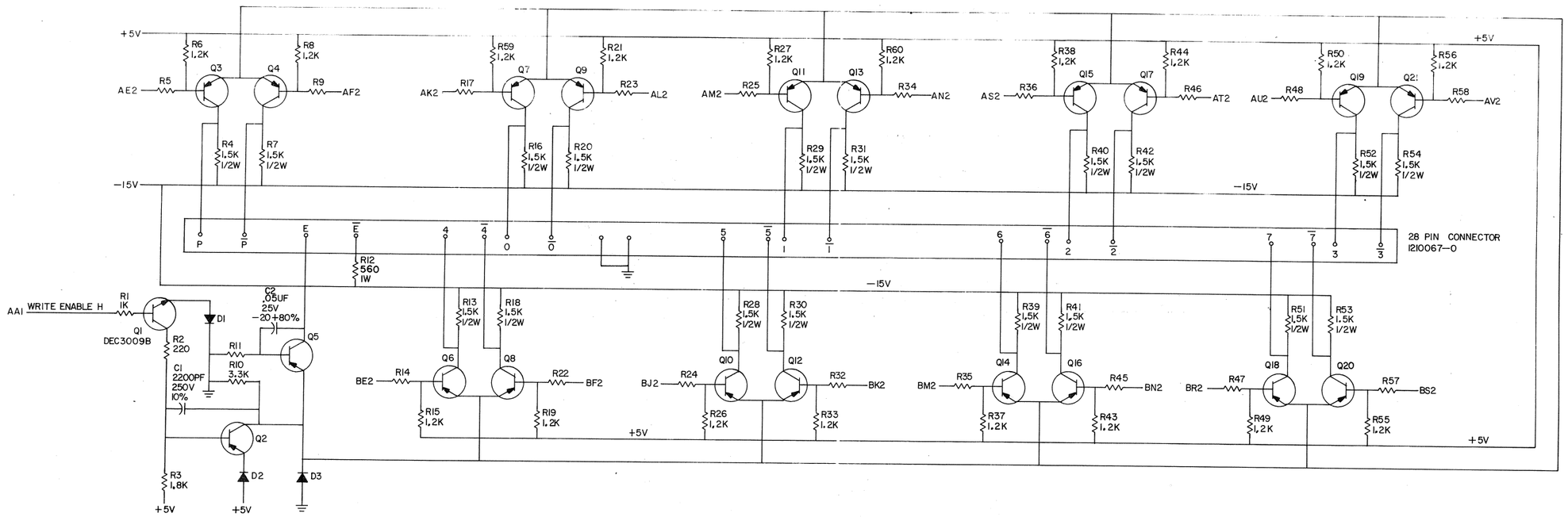
PRINTED CIRCUIT REV. D

REV. C | NUMBER G064-0-1 | CODE CS | SIZE C

DEC FORM NO. DRC 102

DIST. 324,434,435

4 PINK



UNLESS OTHERWISE INDICATED:

RESISTORS = 680, 1/4W, 5%
CAPACITORS = .01UF, 100V, 20%
TRANSISTORS = 2N2904A
DIODES = D672

REVISIONS			
CHK	CHG NO.	REV.	
	00001	D	

DRN	NANCY MOORE	DATE 12/2/70
CHK'D		DATE
ENG.		DATE
PROD.		DATE

TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA
D664	IN3606	2N2904	SAME
DEC3009B	2N3009B		

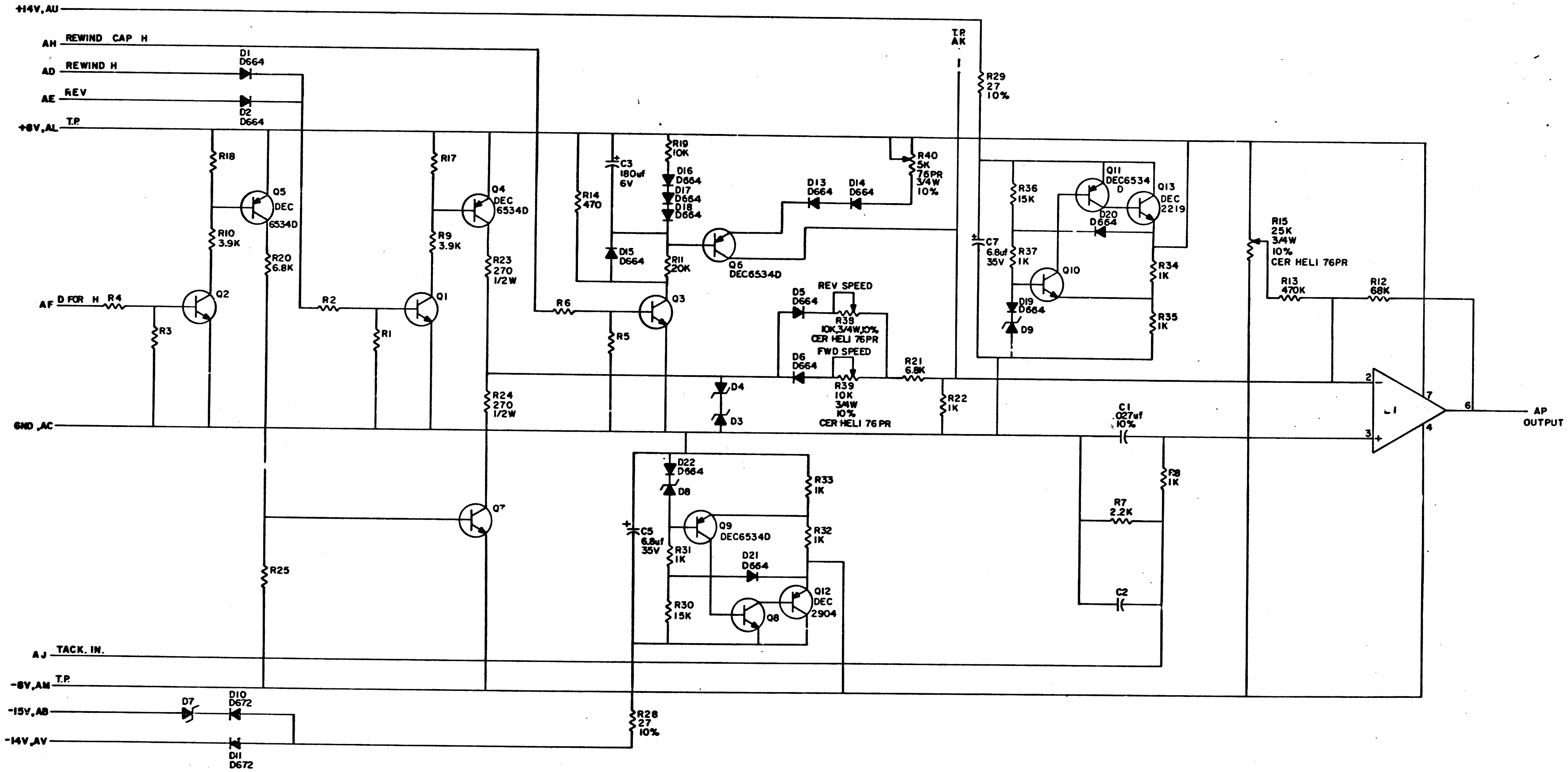
digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

TITLE: HEAD D[illegible]ER G350

SIZE	CODE	NUMBER	REV.
D	CS	G350-0-1	D

PRINTED CIRCUIT REV. D

DEC FORM NO. DRD 118



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1.5K, 1/4W, 5%
CAPACITORS ARE .01uf, 100V, 20%
DIODES ARE 1N750A
TRANSISTORS ARE DEC6531
E1 IS DEC307

REV	CHG NO	CHK
E	00001	
F	00002	
H	00024	MORGANSTERN

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC6531	MPS6531	1N750A	SAME
DEC2219	2N2219	D664	1N3606
DEC6534D	MPS6534	D672	1N3653

DRN S. COOPER DATE 8-20-70
CHK'D DATE 10-21-70
ENG DATE 1/24/71
PROD DATE

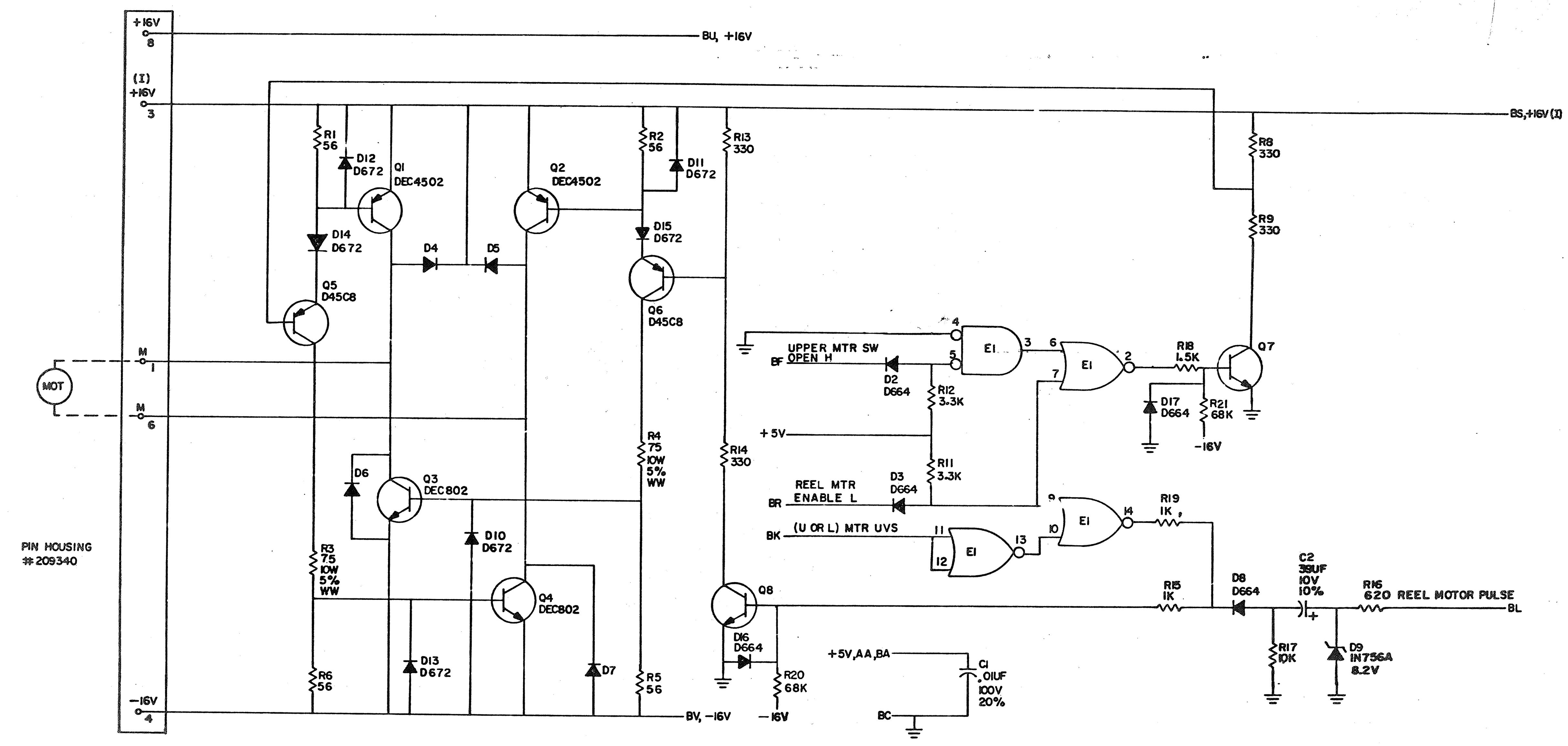
DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE TU-10 CAPSTAN SERVO PREAMPLIFIER G932

SIZE	CODE	NUMBER	REV
D	CS	G932-0-1	H

PRINTED CIRCUIT REV. D

DIST. 324, 434, 435
PINK



UNLESS OTHERWISE INDICATED:

RESISTORS = 1K, 1/4W, 5%
DIODES = GE A15B
TRANSISTORS = DEC6531
E1 = DEC380
PIN 1 = GND
PIN 8 = +5V ON E1

REVISIONS								
REV.	C	D	E	F	H	J	K
CHG NO	00001	00002	00003	00004	00005	00006	00007

DRN. Nancy Moore DATE 11/5/70
CHK'D M. Valle DATE 11/5/70
ENG. John Hero DATE 11/12/70
PROD. DATE

TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA
D664	1N3606	D45C8	
1N756A	SAME	DEC3790	2N3790
A15B		DEC3715	2N3715
DEC6531	MPS6531	DEC4502	
DEC802		D672	1N3653

EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

TITLE REEL MOTOR AMPLIFIER G933

SIZE C CODE CS NUMBER G933-0-1 REV. K

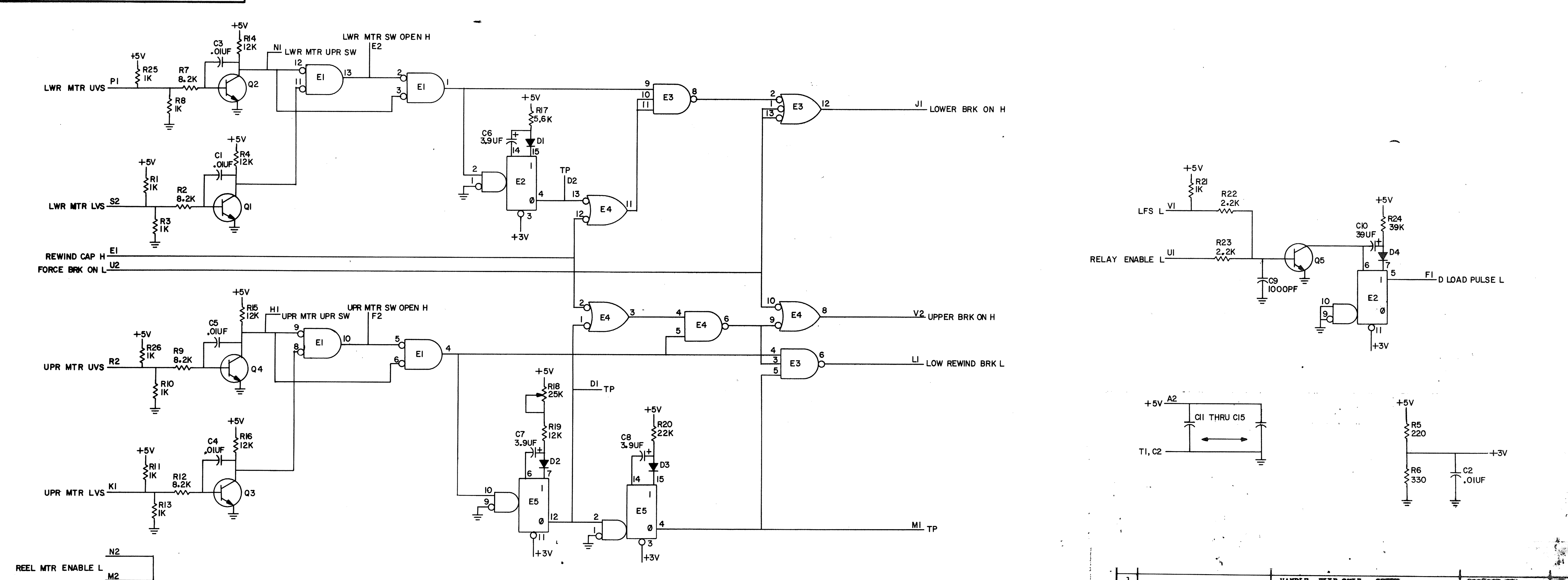
PRINTED CIRCUIT REV. E

DEC FORM NO. DRC 102

1-15-74

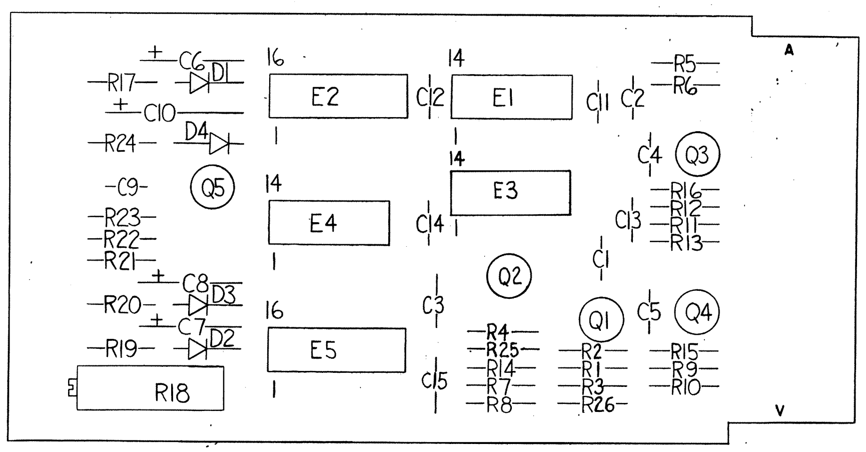
DIST. 324,434,435

4 PINK



PIN 7 = GND, PIN 14 = +5V ON E1, E3, E4

PIN 8 = GND, PIN 16 = +5V ON E2, E5



1		HANDLE, FLIP CHIP - GREEN	[illegible]	
2		EYELET #G4-7	[illegible]	
1	R17	RES. 5.6K ¼W 5%	1301874	27
A/R		GRIPLET	1210244-0	26
2	E2, 5	I.C. DEC 74123	1910236	25
1	E1	I.C. DEC 7402	1909004	24
1	E3	I.C. DEC 7410	1905576	23
1	E4	I.C. DEC 7400	1905575	22
4	Q1, 2, 3, 4	TRANSISTOR DEC 6531	1509338	21
1	Q5	TRANSISTOR DEC 3009B	1503100	20
1	R18	RES. 25K POT HELITRIM 76PR 3/4W 10%	1309143-12	19
4	R2, 7, 9, 12	RES. 8.2K ¼W 5%	1303179	18
1	R24	RES. 39K ¼W 5%	1302814	17
1	R20	RES. 22K ¼W 5%	1301808	16
5	R4, 14, 15, 16, 19	RES. 12K ¼W 5%	1300488	15
2	R22, 23	RES. 2.2K ¼W 5%	1300417	14
9	R1,3,8,10,11,13,21,25,26	RES. 1K ¼W 5%	1300365	13
1	R6	RES. 330 ¼W 5%	1300295	12
1	R5	RES. 220 ¼W 5%	1300271	11
4	D1 - D4	DIODE D664	1100114	10
10	C1 - C5, C11 - C15	CAP. .01UF 100V 20% DISC	1001610	9
1	C10	CAP. 39UF 10V 10% TANT	1000076	8
3	C6, 7, 8,	CAP 3.9UF 10V 10% TANT	1000064	7
1	C9	CAP 1000PF 100V 5% MICA	1000042	6
1		ETCHED CIRCUIT BOARD	5009548	5
		MODULE ECO HISTORY	B-MH-G9340-0-6	4
		ASSY/DRILLING HOLE LAYOUT	D-AH-G9340-0-5	3
		X-Y COORDINATE HOLE LOCATION	K-CO-G9340-0-4	2
QTY.	REF DESIGNATION	DESCRIPTION	DEC PART NO.	ITEM NO.
		PARTS LIST		

REVISIONS: REV A — ECO 00001; REV B — ECO 00002

DRN Nancy Moore DATE 4-21-71
CHK'D DATE 4-23-71
ENG. DATE 4-23-71
PROD. DATE

TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA
D664	IN3606		
DEC6531	MPS6531		

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

TITLE: BRAKE ACTUATOR

SIZE: D | CODE: CS | NUMBER: G9340-0-1 | REV.: B

PRINTED CIRCUIT REV. B

DEC FORM NO. DRD 118

SIZE D | CODE CS | NUMBER G9341-0-1 | REV A

+18V BU2

D2 IN4736A
R8 56
R9 27
D4 D672
R7 270
BR2 LOWER BRK OUT
Q3 DEC3791
R1 2.2K
R3 220
R2 1.5K
Q1 DEC6531
D1 IN748A
D11 D672
R5 8.2K
LOWER BRK ON H AE2
C1 3.9UF
R4 560
Q2 DEC6534
R6 220
Q4 DEC4923
R10 1K
D5 D672
D3 IN756A
R11 39

R12 2.2K
R15 1.5K
Q6 DEC 2904A
R22 27
R23 56
R16 750
D8 IN4736A
R24 270
R13 1.5K
Q5 DEC6531
Q8 DEC 3791
D6 IN748A
R20 220
D12 D672
R17 8.2K
UPPER BRK ON H BL2
C2 3.9UF
R14 560
Q7 DEC6534
AR2 UPPER BRK OUT
R18 220
Q11 DEC4923
R19 1K
D7 IN756A
R21 39
D10 D672

D9 D672
R29 100
Q10 DEC6534
R30 1.5K
R27 56
D LOAD PULSE L AV2
E1
R31 1.5K
AU2 LOW REWIND BRK L

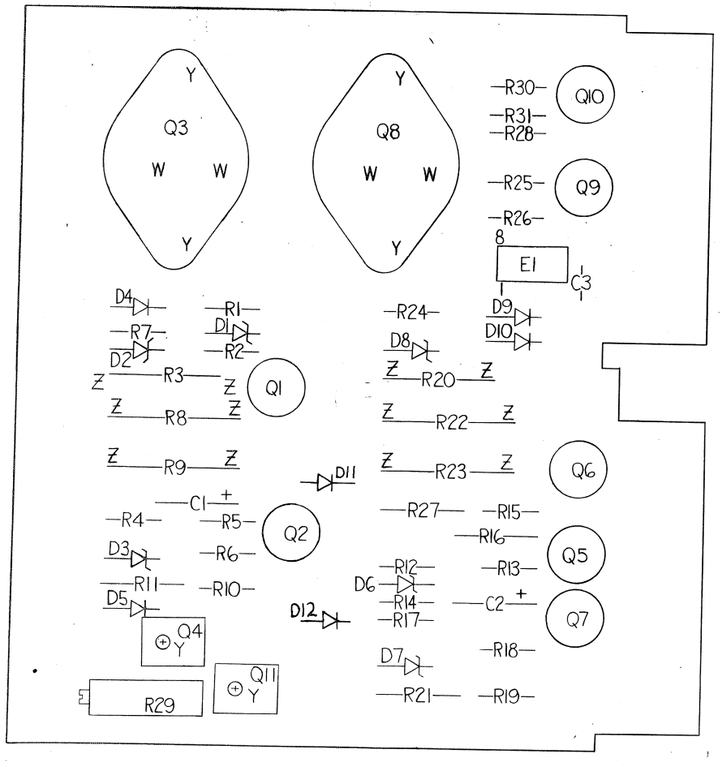
R25 1.5K
Q9 DEC6534
AS2 REEL MTR PULSE
R26 1.5K
R28 8.2

BPI
BRI
REEL MTR ENABLE

+5V BA2
C3
GND BC2

PIN 4 = GND
PIN 8 = +5V ON E1

-18V BV2



QTY.	REF DESIGNATION	DESCRIPTION	DEC PART NO.	ITEM NO.
		PARTS LIST		
1		X-Y COORDINATE HOLE LOCATION	K-CO-G9341-0-4	2
1		ASSY/DRILLING HOLE LAYOUT	D-AH-G9341-0-5	3
1		MODULE ECO HISTORY	B-MH-G9341-0-6	4
1		ETCHED CIRCUIT BOARD	5009549	5
2	C1, 2	CAP. 3.9UF 10V 10% S. TANT	1000064	6
1	C3	CAP. .01UF 100V 20% DISC	1001610	7
2	D2, 8	DIODE 1N4736A	1103340	8
2	D3, 7,	DIODE 1N756A	1103441	9
2	D1, 6	DIODE 1N748A	1100122	10
6	D4, 5, 9, 10, 11, 12	DIODE D672	1105275	11
1	R27	RES. 56 ½W 10%	1300215	12
2	R18, 6	RES. 220 ½W 5%	1300271	13
2	R3, 20	RES. 220 1W 10%	1300327	14
1	R16	RES. 750 ½W 5%	1300354	15
7	R2,13, 15, 25, 26, 30, 31	RES. 1.5K ½W 5%	1300391	16
2	R1, R12	RES. 2.2K ½W 5%	1300417	17
2	R14, 4	RES. 560 ½W 5%	1301890	18
2	R7, 24	RES. 270 ½W 5%	1301972	19
2	R11, 21	RES. 39 ½W 5%	1302336	20
2	R23, 8	RES. 56 2W 5%	1302836	21
2	R5, 17, 28	RES. 8.2K ½W 5%	1302872	22
2	R9, 22	RES. 27 2W 10%	1305624	23
1	R29	POT 100 3/4W 10% .76PR	1308142-04	24
1	Q6	TRANSISTOR 2N2904A	1501913	25
4	Q2, 9, 10, 7	TRANSISTOR DEC 6534D	1503409	26
2	Q1, 5	TRANSISTOR DEC 6531	1509338	27
2	Q3, 8	TRANSISTOR 2N3791	1509581	28
2	Q4,11	TRANSISTOR 2N4923	1509604	29
1	E1	I.C. DEC 75451	1910400	30
6		SCREW 4-40 x 5/16LG	9006010-1	31
6		#4 KEP NUT	9006557	32
4		EYELET	9006732	33
2		HANDLE, FLIP CHIP - GREEN	9008337-01	34
2	R10,19	RES. 1K ¼W 5%	1300302	35

TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA
D672	1N3653	DEC6531	MPS6531
1N746A		DEC6534	MPS6534
1N756A		DEC3791	
1N4736A		DEC2904	

REVISIONS	CHK	CHG NO.	REV.
		00001	A

DRN S. COOPER DATE 4-20-71
CHK'D DATE 4-26-71
ENG DATE 7-29-71
PROD. DATE

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

TITLE TU-10 BRAKE ACTUATOR

SIZE D | CODE CS | NUMBER G9341-0-1 | REV A
PRINTED CIRCUIT REV. B

DEC FORM NO. DRD 119

B-CK-G9341-0-1

+5V, AA2, BA2

SET FUNCTION L -AC1

SELECT REMOTE H -AK1

MUX OUT L -AE1

B SET BE1 R1 Q2 R2 R3 330

R8 680 R58 5.6K C7 10 pf

E2 E3 E5 E1 E4 DEC9601

8 SET PULSE H BV2

6 SET PULSE L BU2

R73 10K +5V

D2

BJ2 BOT L D5 R40 3K

BH2 END POINT L D6 R41 3K

BF2 REWIND STATUS L D7 R42 3K

R43 1.8K R44 8.2K R48 1.8K R49 8.2K R53 1.8K R54 8.2K R28 8.2K

Q15 DEC6534B Q18 DEC6534B Q21 DEC6534B Q13 DEC6534B

B BOT -AJ1 B EOT BH1 B RWS BP1 B 7 CH AV1

R50 R55 R51 R56 R39 10K

C15 56 FF, 5% C17 56PF, 5% C19 56PF, 5%

Q19 Q22

Q17 Q20 Q23

C16 5PF, 5% C18 56PF 5% C20 56PF 5%

R57 1.2K R58 1.2K R59 390 R60 56 R61 560 R62 100 C9 1uf 35V

R FWD H BJ1 R REW H BF1 R WRE H BN1

V CLAMP BU1

R63 1.2K R64 1.2K WRITE STROBE H BT2

Q26 R65 100

BN2 BREC R66 2.2K Q25

D9 D10 D662 R68 1K C STROBE BS2

Q27

CLEAR FUNCTION L AH2

CLEAR FUNCTION H -AJ2

R29 1.8K

R38

R26 560 R27 560

MATCH 4 H -AL1

LOCAL L AH1

SW 4 AM1

SELECT REMOTE L -AF1

R11 R12 1.2K R13 10K Q4 Q3 C4 BE2 B SEL Ø R10

C8

R25 10K

7 CH H AJ1

R15 R16 1.2K R17 10K Q5 Q30 C5 BM2 B SEL 1 R14

SW 2 AS1

R30 BK2

MATCH 2 H AR1

R37 330 Q12 BV1 B STOP R36

R19 R20 1.2K R21 10K Q7 Q6 C6 BK1 B SEL 2 R18

MATCH 1 H AN1

SW 1 AP1

D4

R31 330 Q11 BL2 B DENS R32

R34 DEN 8L BM1

D3 D8

R35 330 Q10 BL1 B DEN 5 R33

R69 2.2K BP2 BLR CC

R70 1.2K R71 220 Q29 Q28 R67 12K LRCC STROBE H BR2

C1 39uf 10V 10% D1 IN746A Q31 DEC1008 R4 220 C2 39uf 10V 10%

Q1 DEC2904 R5 2W 120 R72 680 R6 2W 68

UNLESS OTHERWISE INDICATED:
RESISTORS ARE 2.7K, 1/4W, 5%
CAPACITORS ARE .01uf, 100V, 20%
TRANSISTORS ARE DEC3009B
DIODES ARE D003
E1 IS A DEC7440
E2 IS A DEC7400
E3 IS A DEC9601
E4 IS A DEC7486
E5 IS A DEC384
ON E5 PIN 1 = GND, PIN 8 = +5V
ON ALL OTHER IC'S PIN 7 = GND, PIN 14 = +5V

-2.4V, BD2
GND, AC2, AT1, BC2, BT1
-3.3V, BR1
-15V, AB2, BB2

+5V C10 C11 C12 C13 C14 GND

REVISIONS

CHN	CHG NO.	REV
	00001	F
	00002	H
	00003	J
	7900004	K

DRN jeanne french DATE 8/11/70
CHK'D DATE 12-29-70
ENG DATE 1-13-71
PROD DATE

TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA
DEC2904	2N1132		
DEC6534B	MPS6534		
DEC3904	2N3904		
D003	IN994		
IN746A	SAME		

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

TITLE BUS TRANSCIEVER M514

SIZE D | CODE CS | NUMBER M514-0-1 | REV. K

PRINTED CIRCUIT REV. H

SIZE D | CODE CS | NUMBER M514-0-1 | REV K

DEC FORM NO. DRD 116

AH1 BWD0 — R1 4.7K 10% — C14 220PF 5% — D1 D5
AJ1 BWD1 — R2 4.7K 10% — C15 220PF 5% — D2 D6
AF1 BWD0 — R3 4.7K 10% — C16 220PF 5% — D3 D7
AE1 BWD2 — R4 4.7K 10% — C17 220PF 5% — D4 D8
-15V BB2 — R27 1K — D20 — D19 IN746A — C23 — C24 1UF 35V 10%
API LRCC STROBE H
AR2 V CLAMP
AUI C STROBE

E2 R5 1K
E2 R6 1K
E4 R7 1K
E4 R8 1K
E10

E1: WB0H AK2, WB0L AL2
E1: WBIH AM2, WBIL AN2
E3: WBPH AE2, WBPL AF2
E3: WB2H AS2, WB2L AT2

CLEAR
SW0 SW4 SW1 SW5 SW3 SW6 SW2 SW7
R9 R10 R11 R12 R13 R14 R15 R16 +5V

BV2 CLR4H — CLR5H BN1
BRI CLR3H — CLR6H BU2
BSI CLR2H — CLR7H BDI
BUI CLR1H — CLR8H BJI

AU2 WB3H — E5 — AV2 WB3L
BE2 WB4H — E5 — BF2 WB4H
BJ2 WB5H — E7 — BK2 WB5L
BM2 WB6H — E7 — BN2 WB6L
BR2 WB7H — E9 — BS2 WB7L

E6 R18 1K
E8 R19 1K
E8 R20 1K
E10 R21 1K

C18 220PF 5% — D9 D14
C19 220PF 5% — D10 D15
C20 220PF 5% — D11 D16
C21 220PF 5% — D12 D17
C22 220PF 5% — D13 D18

R22 4.7K 10% — AWD2 AK1
R23 4.7K 10% — BWD4 AD1
R24 4.7K 10% — BWD5 AJ2
R25 4.7K 10% — BWD6 AH2
R26 4.7K 10% — BWD7 AD2

WB CLEAR L BLI
SELECT REMOTE H BMI
E11 E11 E12 E12
E10 E11
CLOCK L BKI
E9: WB SET ENBL H AP2
WRITE STROBE H BPI — E11
+5V AA2, BA2
C1 C2 C3 C4 C5 C6 C7 C8 C9 C10 C11 C12 C13 AC2, AT1, BC2, BT1

UNLESS OTHERWISE INDICATED:
RESISTORS ARE 680, 1/4W, 5%
CAPACITORS ARE .01UF, 100V, 20%
DIODES ARE D664
SWITCHES ARE 12I0042
DEC 7473 = E1, E3, E5, E7, E9
DEC 6380 = E2, E4, E6, E8, E10
DEC 7474 = E12
DEC 74164 = E13
DEC 7400 = E11

PIN 4 = +5V
PIN 11 = GND ON DEC 7473

PIN 1 = GND
PIN 8 = +5V ON DEC 6380

PIN 7 = GND
PIN 14 = +5V ON DEC 7474, DEC 74164, DEC 7400

DEC FORM NO. DRD 118.

REVISIONS	CHK	ECHG NO.	REV
		00001	C
		00002	D
		00003	E

DRN E. Wyatt 8/31/70
CHK'D [illegible] DATE 11/30/70
ENG [illegible] DATE 11/1/71
PROD R. Silverman DATE 3/15/71

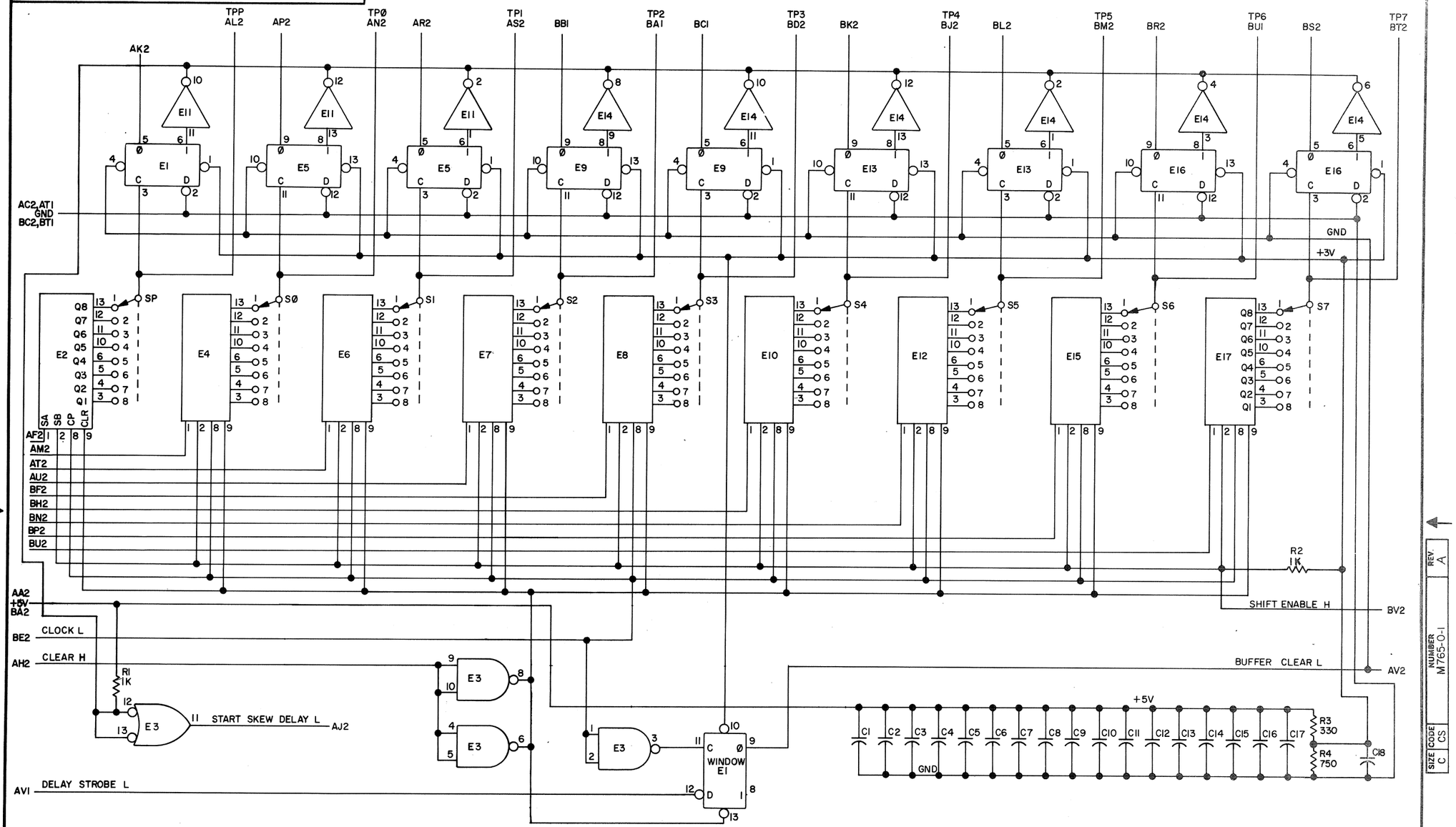
TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA
D664	IN3606		

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

TITLE: WRITE BUFFER M763
SIZE D | CODE CS | NUMBER M763-0-1 | REV E
PRINTED CIRCUIT REV. D

SIZE D | CODE CS | NUMBER M763-0-1 | REV E



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 5%
CAPACITORS ARE .01MFD,100V,20%
E1,E5,E9,E13, E16 ARE DEC7474N
E2,E4,E6,E7,E8,E10,E12,E15, E17 ARE DM8570
E3 IS DEC7400N
E11, E14 ARE DEC7405N
PIN 7 ON EACH IC=GND
PIN 14 ON EACH IC=+5V
SWITCHES ARE SPECTROL 1210042-0

REVISIONS	CHK	CHG NO	REV.
		0000 1	A

DRN. B. Fahey	DATE 12-3-69	
CHK'D Sullivan	DATE 8/8/70	
ENG. H. McFarland	DATE 9-15-70	
PROD.	DATE	

TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

TITLE: READ BUFFER M765

SIZE	CODE	NUMBER	REV.
C	CS	M765-0-1	A

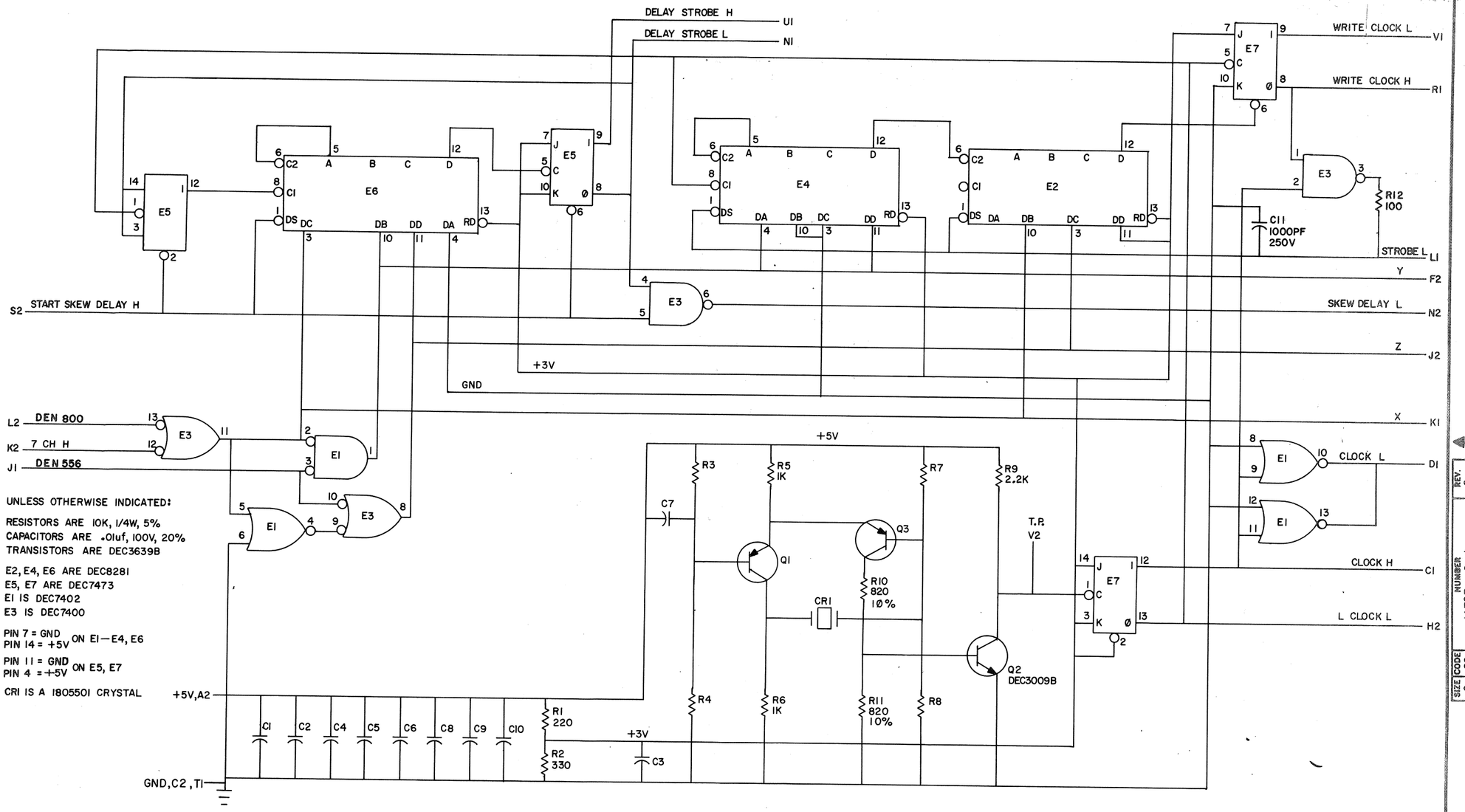
PRINTED CIRCUIT REV. A B

DEC FORM NO. DRC 102

MS-585 F-3

F-11

REV. A
NUMBER M765-0-1
SIZE C CODE CS



UNLESS OTHERWISE INDICATED:

RESISTORS ARE 10K, 1/4W, 5%
CAPACITORS ARE .01uf, 100V, 20%
TRANSISTORS ARE DEC3639B

E2, E4, E6 ARE DEC8281
E5, E7 ARE DEC7473
E1 IS DEC7402
E3 IS DEC7400

PIN 7 = GND
PIN 14 = +5V ON E1—E4, E6

PIN 11 = GND
PIN 4 = +5V ON E5, E7

CRI IS A 1805501 CRYSTAL

REVISIONS				
REV.		A	B	C
CHG NO.		00001	00002	00003
CHK				
ENG				
PROD				

DRN.	NANCY MOORE	DATE 7/23/70
CHK'D	R. Waldie	DATE 9-9-70
ENG.	H McFarland	DATE 9-15-70
PROD.		DATE

TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA
DEC3009B	2N3009B		
DEC3639B	2N3639B		

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE CLOCK AND SKEW DELAY M767

SIZE	CODE	NUMBER	REV.
C	CS	M767 -0-1	C

PRINTED CIRCUIT REV. A C

DEC FORM NO. DRC 102

M620-P2

DIST. 324,434,435 (4)

P.N.-

UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 5%
TRANSISTORS ARE DEC6534B
DIODES ARE D664
CAPACITORS ARE .01UF, 100V, 20%
IC'S ARE SP384

NOTE:
* NEGATIVE LOGIC SIGNALS
EG. L = −3V
H = 0V

REVISIONS				
CHK	CHG NO	REV		
TJC	00001	D		
TJC	00002	E		
TJC	00003	F	N. McGee 8-1-72	MOREAN-TERRY

DRN	A. COOPER	DATE 12/2/71
CHK'D		DATE
ENG.		DATE 12/10/71
PROD.		DATE

TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA
D664	IN3606	DEC3639B	NONE
D003	IN994	DEC3009B	2N3009 B
DEC6534B	MPS6534		

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

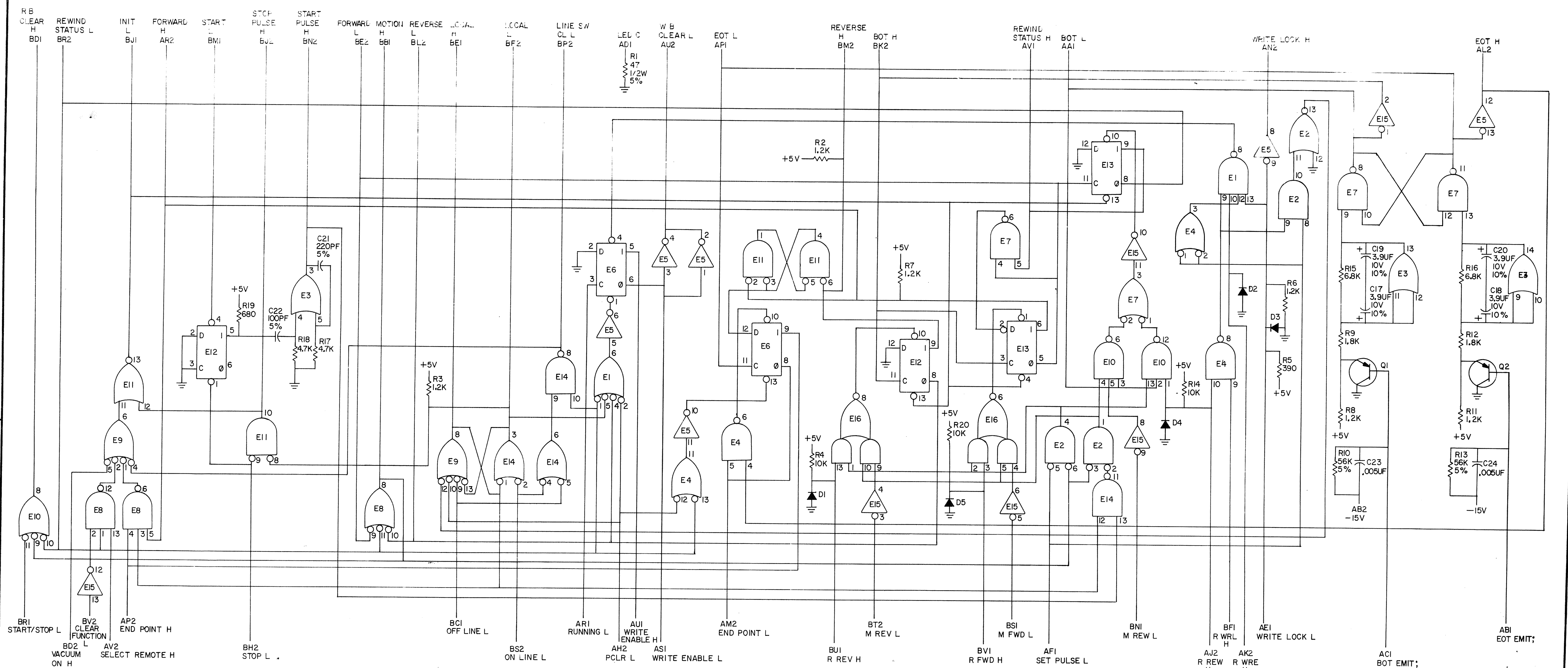
TITLE: DELAY TRANSMITTER M768

SIZE	CODE	NUMBER	REV.
D	CS	M768-0-1	F

PRINTED CIRCUIT REV. E

DEC FORM NO. DRD 116

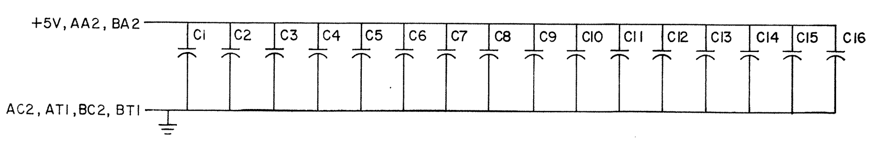
REV F
SIZE CODE D CS NUMBER M768-0-1



UNLESS OTHERWISE INDICATED:
RESISTORS = 1/4W, 10%
CAPACITORS = .01UF, 100V, 20%
DIODES = D003
TRANSISTORS = DEC3639B
DEC7474 = E6, E12, E13
DEC7400 = E4, E7, E14
DEC 7410 = E8, E10
DEC7420 = E1, E9
DEC7450 = E16
DEC7402 = E2, E11
DEC384 = E3
DEC7404 = E5, E15

PIN 7 = GND
PIN 14 = +5V ON ALL IC'S

PIN 1 = GND
PIN 8 = +5V ON E3



REVISIONS

CHK	CHG NO	REV
	00001	F
	00002	H

TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA
D003	1N994		
DEC3639B	NONE		

DRN NANCY MOORE DATE 1/9/71

CHK'D DATE

ENG DATE

PROD DATE

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

TITLE FUNCTION CONTROL M769

SIZE D CODE CS NUMBER M769-0-1 REV. H

PRINTED CIRCUIT REV. J

DEC FORM NO. DRD 116