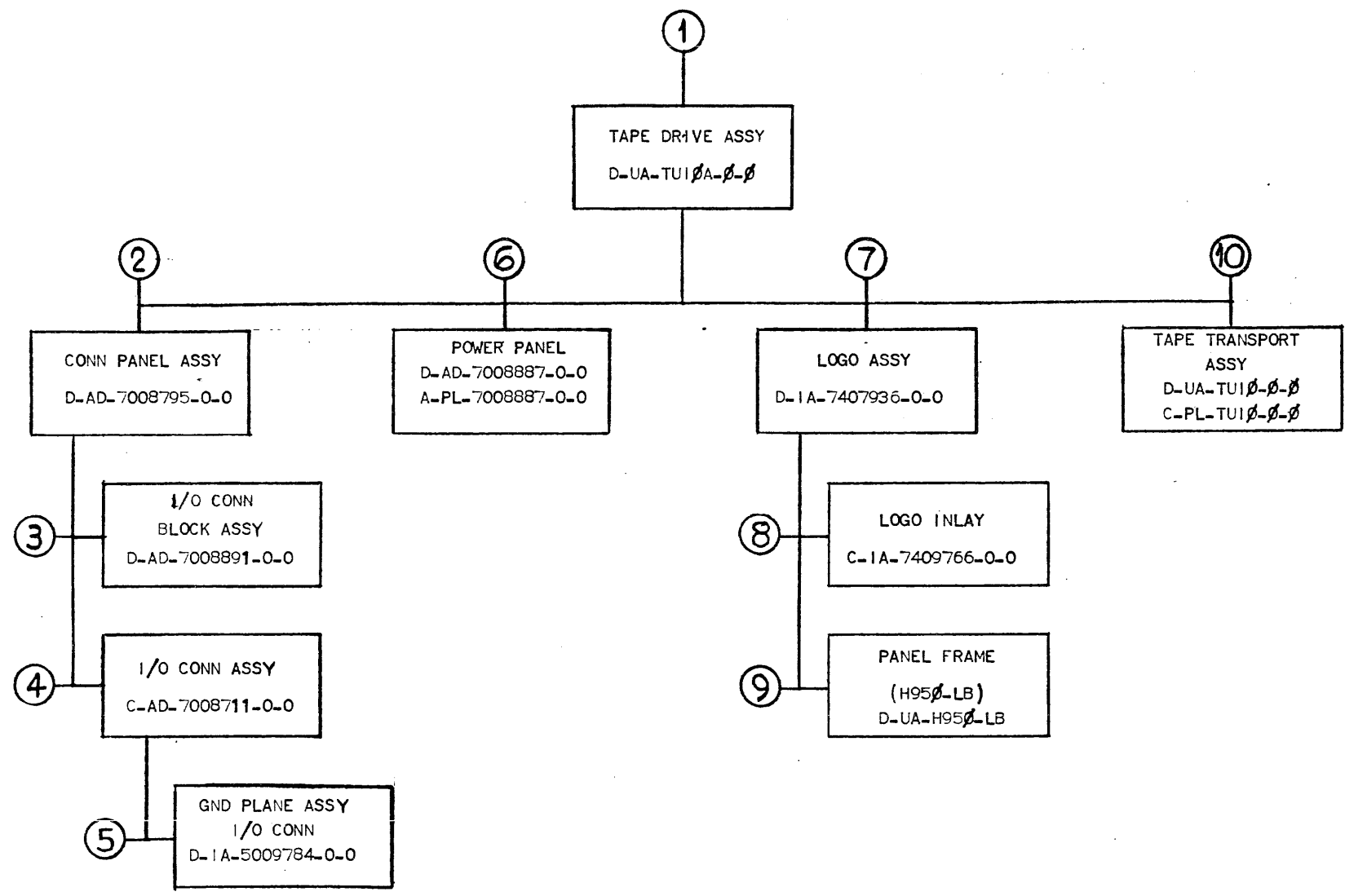


**TU10 DECmagtape
engineering drawings
(all variations)**



TITLE	SHEET	SIZE	CODE	NUMBER	REV
TAPE DRIVE ASSEMBLY	2 OF 4	B	DD	TUIϕA-ϕ	E

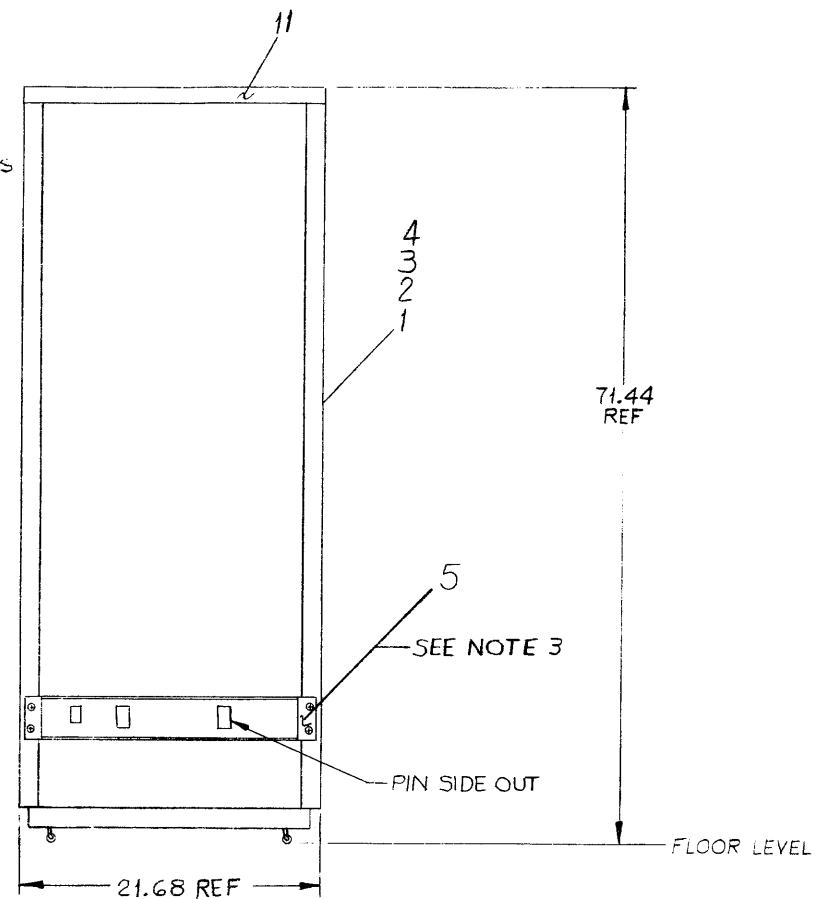
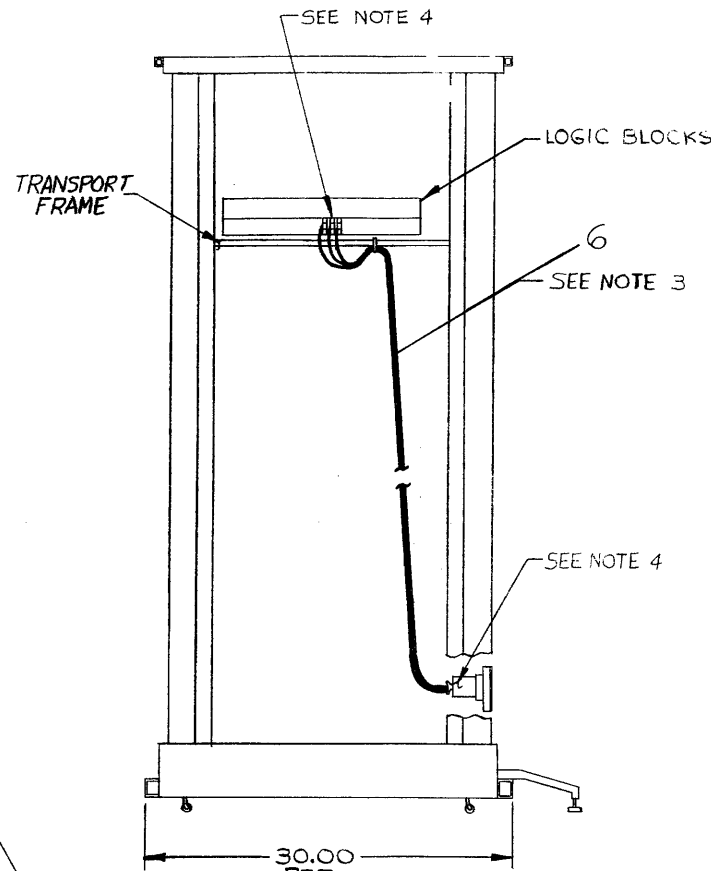
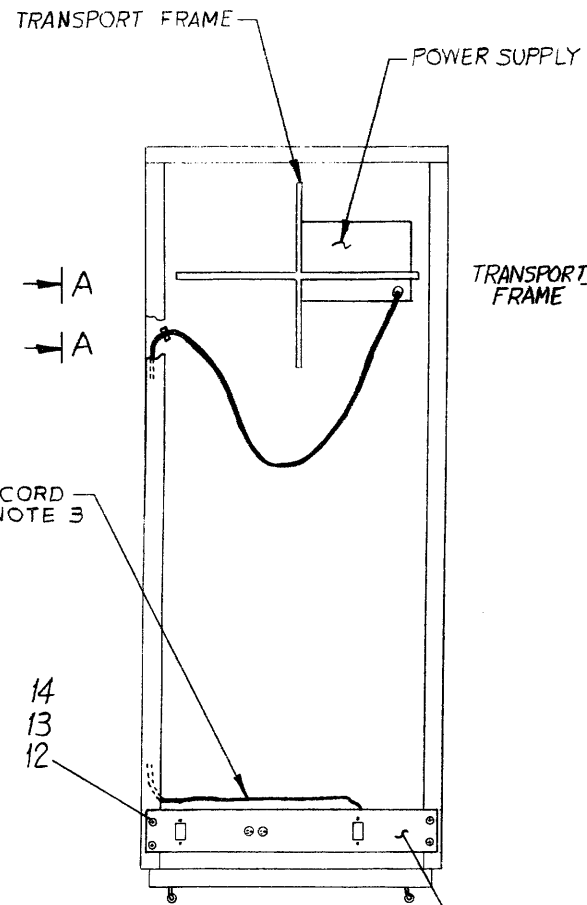
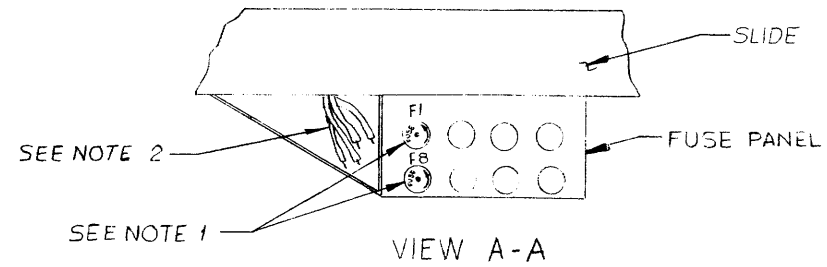
CUSTOMER PRINT SET				MECHANICAL						CUSTOMER PRINT SET									
TUIØA-Ø				FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO.					FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO.
				X	7.	D-1A-7407936-0-0		LOGO ASSEMBLY (TUIØA)											
					8.	C-1A-7409766-0-0		LOGO INLAY (TUIØA)											
						C-SS-7408766-0-1		SILK SCREEN											
						C-SS-7409766-0-2		SILK SCREEN											
						C-SS-7409766-0-3		SILK SCREEN											
					9.	D-UA-H95Ø-LB		PANEL FRAME H95Ø-LB	H95Ø										
X					10.	D-UA-TUIØ-Ø-Ø	1	TAPE TRANSPORT ASSY	TUIØ-Ø										
X						C-PL-TUIØ-Ø-Ø		TAPE TRANSPORT ASSY (PL)											

TITLE	SIZE	CODE	NUMBER	REV
TAPE DRIVE ASSY	B	DD	TUIØA-Ø	B
SHEET 4 OF 4				

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NOTES:

1. REMOVE F1 & F8. PLUG HOLES WITH FASTENER, DOT (ITEM *16)
2. SPLICE TWO WHITE WIRES WITH (ITEM *15) AND FASTON SOLDERLESS CONN (ITEM *17) SPLICE TWO RED WIRES THE SAME WAY
3. REFER TO A SP-TUIØA-Ø-1 FOR INSTALLATION
4. FOR LOCATION OF DECALS (ITEM *9 & *10) TO BE INSTALLED ON CABLE ASSY (ITEM *5) REFER TO DWG D-AD-7008795-0-0



LOCATION OF TINNEMAN NUTS (ITEM *12)	
LOCATE ALL NUTS BY COUNTING HOLES UP FROM BOTTOM OF CAB FRAME	
FRONT HOLE NUMBERS	
FRONT: 10, 14	REAR: 3, 6

QTY	DESCRIPTION	PART NO	ITEM NO
4 4 4	CONN, SOLDERLESS (ARKLESS *50902)	9007917	17
2 2 2	FASTENER, DOT (*48152)	9007060	16
2 2 2	WIRE SPLICE (ARKLESS *34203)	9008091	15
AR/AR/AR	SCREW, PHL HD TRUSS *10-32 X 5/8 LG	9006074-3	14
AR/AR/AR	LOCKWASHER EXT. TOOTH *10	9007651	13
AR/AR/AR	TINNEMAN NUT *10-32	9007786	12
1 1 1	LOGO ASSY	D-IA-7407936-24	11
AR/AR/AR	21 POINT DECAL (BLK/CLR)	B-DC-5308754-0-0	10
AR/AR/AR	21 POINT DECAL (BLK/CLR)	B-DC-5308753-0-0	9
1 - 1	POWER PANEL (TUIØA)	D-AD-7008887-0-2	8
1 - 1	POWER PANEL (TUIØA)	D-AD-7008887-0-1	7
3 3 3	CABLE ASSY (M9Ø4-M9Ø4)	D-UA-BCØ8B-6-Ø	6
1 1 1	CONN PANEL ASSY	D-AD-7008795-0-0	5
1 - -	7 TRK SLAVE 23ØV 5ØHZ (TUIØ-FJ)	D-UA-TUIØ-Ø-Ø	4
1 - -	7 TRK SLAVE 115V 6ØHZ (TUIØ-FE)	D-UA-TUIØ-Ø-Ø	3
1 - 1	9 TRK SLAVE 23ØV 5ØHZ (TUIØ-EE)	D-UA-TUIØ-Ø-Ø	2
1 - -	9 TRK SLAVE 115V 6ØHZ (TUIØ-EE)	D-UA-TUIØ-Ø-Ø	1

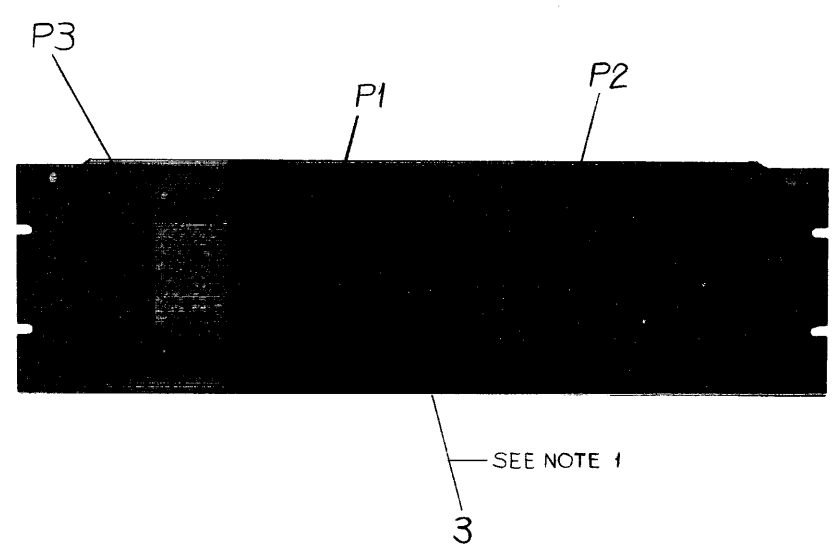
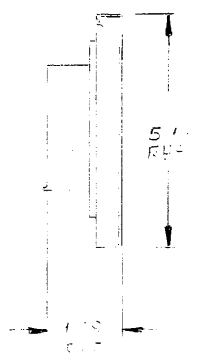
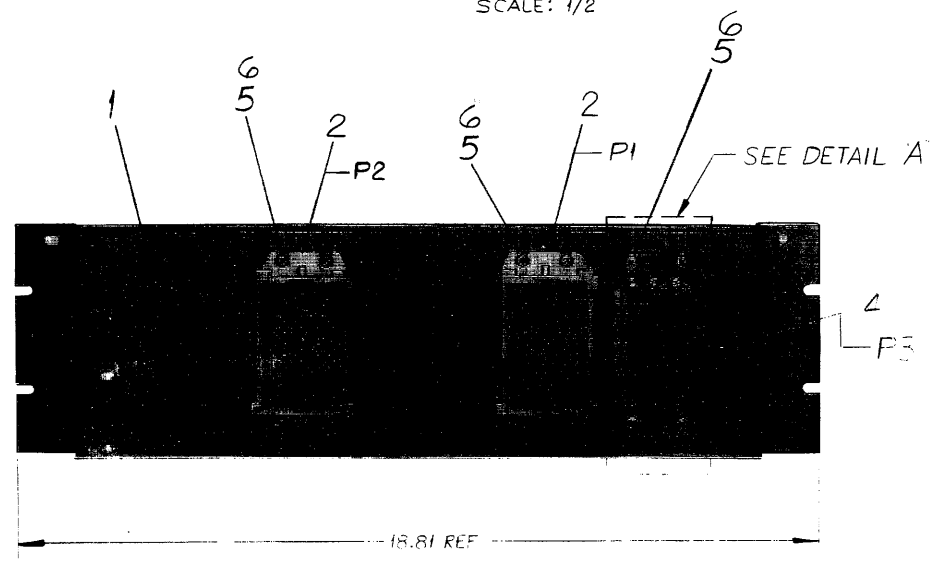
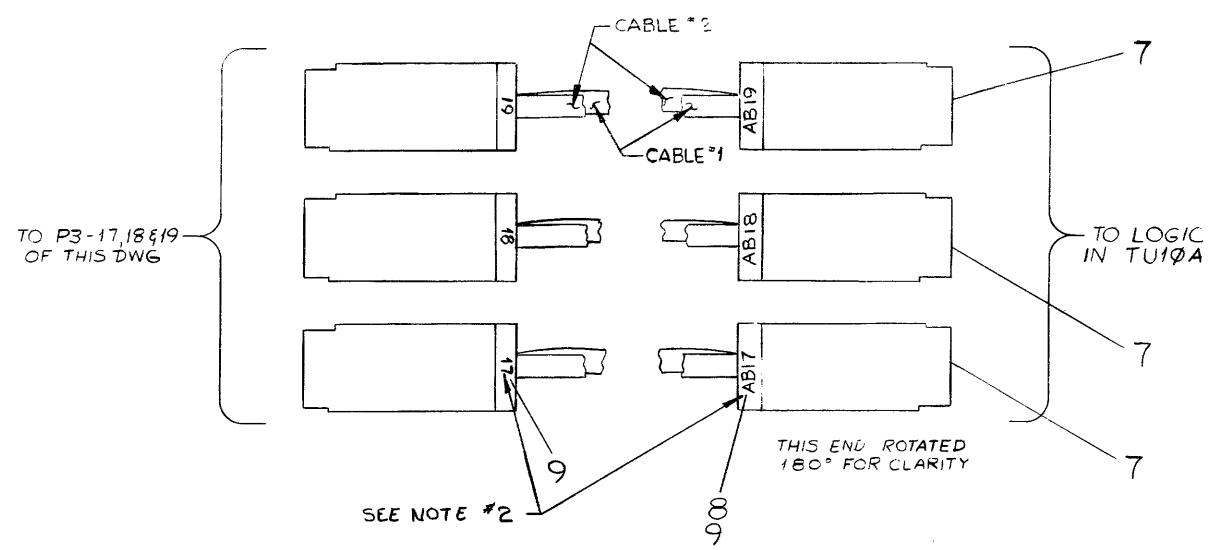
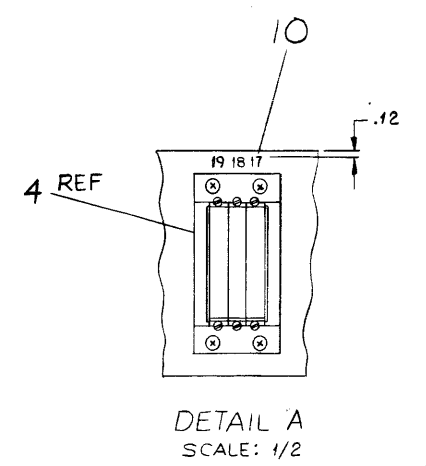
NOTE: TRK=TRACK

REV	DATE	BY	CHK'D
1	5-27-72		

QUANTITY/VARIATION		QTY	DESCRIPTION	PART NO	ITEM NO
FIRST USED ON OPT/MOD					
TUIØA					
DO NOT SCALE DRAWING		DRN	DATE	PARTS LIST	
UNLESS OTHERWISE SPECIFIED		CHK'D	DATE	digital EQUIPMENT CORPORATION	
DIMENSION IN INCHES		ENG	DATE	Tape Drive Assembly	
TOLERANCES		PROJ. ENG.	DATE	DUA TUIØA-Ø-Ø	
DIMENSIONAL FINISHES		PROD	DATE	SCALE	
FINAL SURFACE QUALITY				DUA TUIØA-Ø-Ø	
REMOVE BURRS AND BREAK SHARP CORNERS				DIST	
MATERIAL:		NEXT HIGHER ASSY			
		B-DD-TUIØA-Ø-Ø			
FINISH:		SCALE			
		SHEET			

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- NOTES:**
- CONN P1, P2 & P3 ARE TO BE WIREWRAPPED ACCORDING TO TUIØA QKLAT NUMERICAL CONTROL WIRE WRAP PROGRAM
 - M904 BOARDS ARE TO BE LABELED AS SHOWN (17, 18, 19, AB17, AB18 & AB19) USING ITEMS Ø & Ø, RT IN-STALLATION. ALSO LABEL PANEL WHERE SHOWN IN DETAIL "A".
 - ASSEMBLE CONNECTORS P1 & P2 TO PANEL WITH ALIGNMENT FIXTURE "9305469, ASSEMBLE CONNECTOR P3 WITH GAGE BLOCK C-MD-9305502-0-0 BETWEEN P1 & P3
 - USE NC PALLET E-IA-9605795 FOR WIRE WRAPPING



REF	WIRE LIST	QTY.	DESCRIPTION	PART NO.	ITEM NO.
A/R	21 POINT DECAL WHT/CLR		B-DC-5308753-0-0	10	
A/R	21 POINT DECAL BLK/CLR		B-DC-5308753-0-0	9	
A/R	21 POINT DECAL BLK/CLR		B-DC-5308754-0-0	8	
REF	CABLE, FLAT CO-AX M904-M904		D-UA-8CØ8B-6-Ø	7	
12	SCR PHIL HD PAN #8-32 X 1/2 LG		9006039-1	6	
12	WASHER EXT TOOTH LOCK #8		9008270	5	
1	I/O CONN BLOCK ASSEMBLY		D-AD-7008891-0-0	4	
A/R	30 AWG BLK/WHT TWP KYNAR		9107720-09	3	
2	I/O CONN ASSEMBLY		GAD-7008711-0-0	2	
1	I/O CONN PANEL		D-IA-7409568-0-0	1	

FIRST USED ON OPTION/MODEL TUIØA		PARTS LIST	
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES	DRN: <i>K. G. Ludwig</i> DATE: 3-31-72	<p>digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS</p> <p>TITLE CONN PANEL ASSY</p>	
DECIMALS .005	CHK'D: <i>James Carpenter</i> DATE: 4-6-72		
ANGLES ±0° 30'	DATE: 4-7-72		
XXX + .005 XX + .02 X + .1	DATE: 4-6-72		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	PROD: <i>M. G. ...</i> DATE: 4-11-72	MATERIAL: #	NEXT HIGHER ASSY:
FINISH: #	SCALE: #	SIZE CODE: D AD	NUMBER: 7008795-0-0
	SHEET 1 OF 2	DIST. 16	REV. A

REVISIONS
CHANGE NO. REV. A
TUIØA-0001
REDRAWN & REVISED

REV. A
NUMBER 7008795-0-0

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TUIØA QKLAT SIGNAL NAME AID

TUIØA SIGNAL NAME	P3 ASSY PIN NO.	TUIØA SIGNAL NAME	P3 ASSY PIN NO.	TUIØA SIGNAL NAME	P3 ASSY PIN NO.
WD B/2 (1)	17B1	TB WRITE LPCC (B)	17B2	TB WRL/TB UNLOAD	18K2
A/3 (1)	D1	TB ENABLE MOTION DLY (B)	17T2	RWS/TB WRITING	M2
B/4 (1)	E1	T SET TAPE FUNCTION	17V2	7CH	P2
4/5 (1)	H1	RD B/2 (1)	18B1	556 CLK	S2
2/6 (1)	J1	A/3 (1)	D1	8ØØ CLK	T2
1/7 (1)	L1	B/4 (1)	E1	READ SKEW OVER	18V2
PARITY	M1	4/5 (1)	H1	2ØØ DEN	19D2
Ø/1 (1)	P1	2/6 (1)	J1	556 DEN	E2
WD Ø/Ø (1)	S1	1/7 (1)	L1	8ØØ DEN	H2
T RECORD DATA (B)	D2	BP (1)	M1	SET DWN (B)	K2
TB SEL Ø (B)	E2	Ø/1 (1)	P1	TUR (B)	M2
SEL 1 (B)	H2	RD Ø/Ø (1)	S1	START DLY	P2
SEL 2 (B)	K2	TB SP REV	D2	SPARE	S2
MOVE (B)	M2	TB BOT/TB FWD	E2	SPARE	T2
TB START (B)	17P2	TB EOT/TB REWIND	18H2	TB SPARE	19V2

NOTE: THIS IS NOT TO BE USED AS A WIRING TABLE

D
C
B
A

D
C
B
A

REV.	
CHK	
CHANGE	

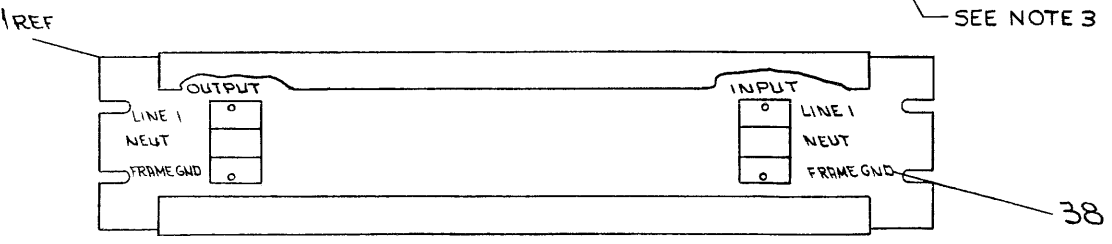
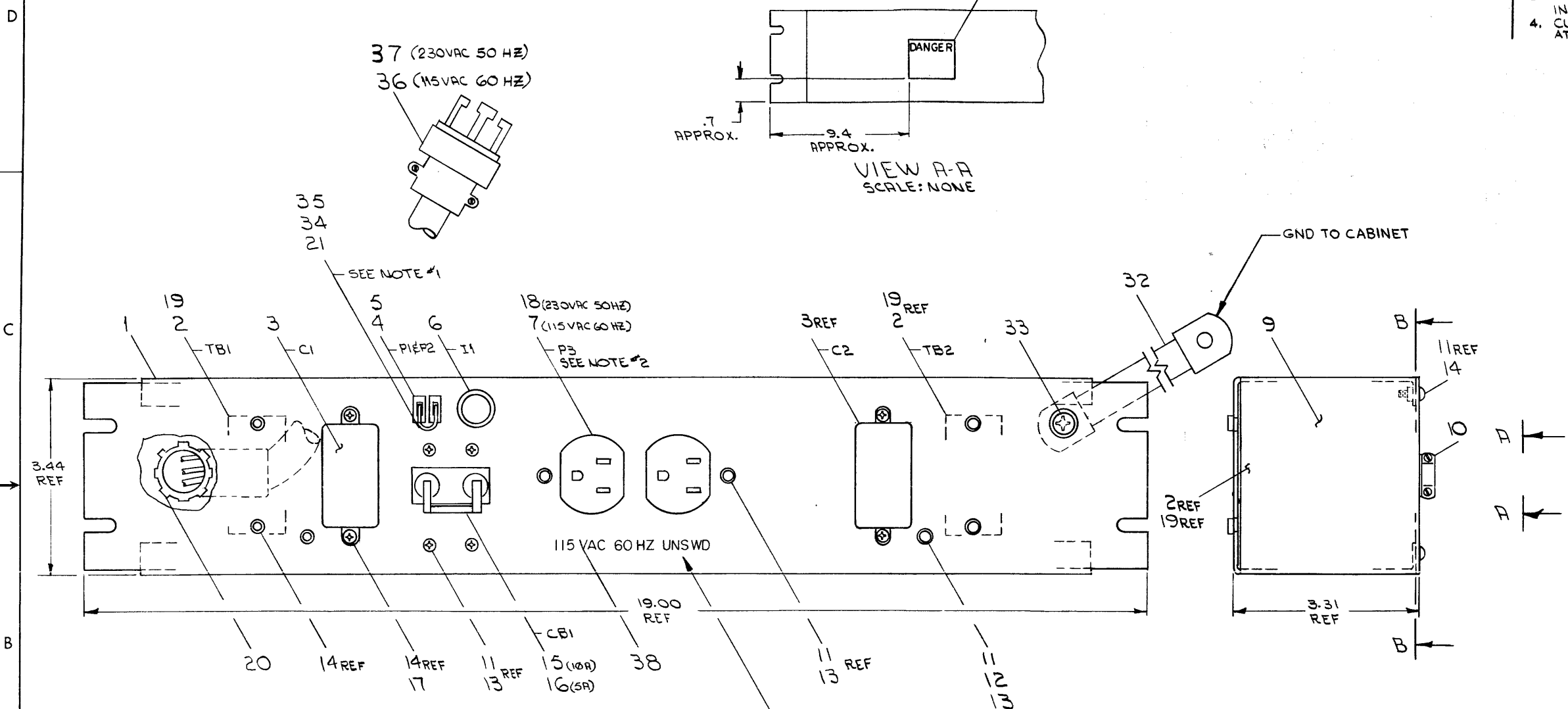
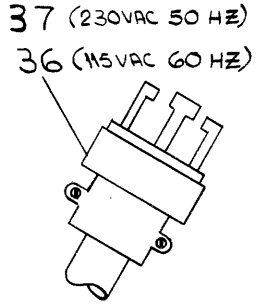
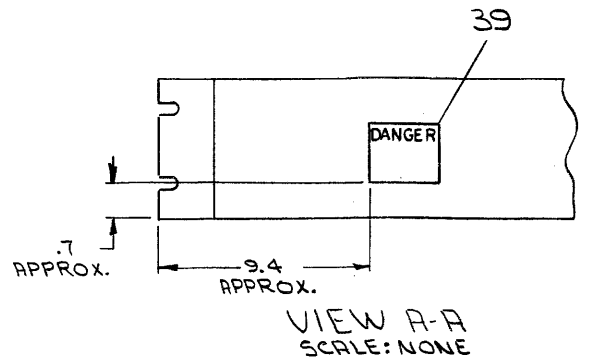
FIRST USED ON OPTION/MODEL TUIØA	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES	DRM. DATE 2-31-72	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		
DECIMALS ANGLES	CHK'D. DATE 4-6-72			
.XXX = .005 .XX = .02	ENG. DATE 1-17-72			
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓	PROD. DATE			
MATERIAL	NEXT HIGHER ASSY.	TITLE CONN PANEL ASSY		
FINISH	SCALE			
SHEET 2 OF 2		SIZE CODE DAD	NUMBER 7008795-0-0	REV. A

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0-0-78887-0-0

NUMBER	VARIATION
7008887-1	115V 60 HZ
7008887-2	230V 50 HZ

- NOTES:
- ITEMS #21, 34 & 35 TO BE REMOVED FOR 230V OPERATION.
 - ASSEMBLE ITEM #22 (TAB) TO ITEM #7 OR 18 (RECEPTACLE) BEFORE INSTALLATION TO ITEM #1 (CHASSIS).
 - FOR 50 HZ OPERATION REPLACE DECAL INDICATED WITH "UNSWD 230VAC 50 HZ"
 - CUT INSULATION BACK 6" BEFORE ATTACHING ITEM 36 OR 37 AT ASSY



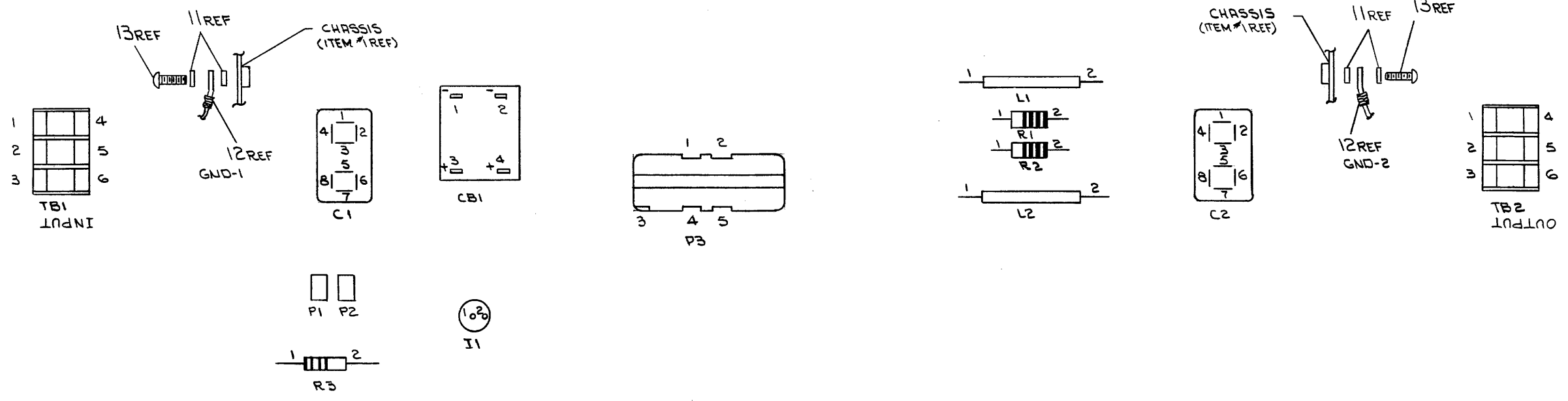
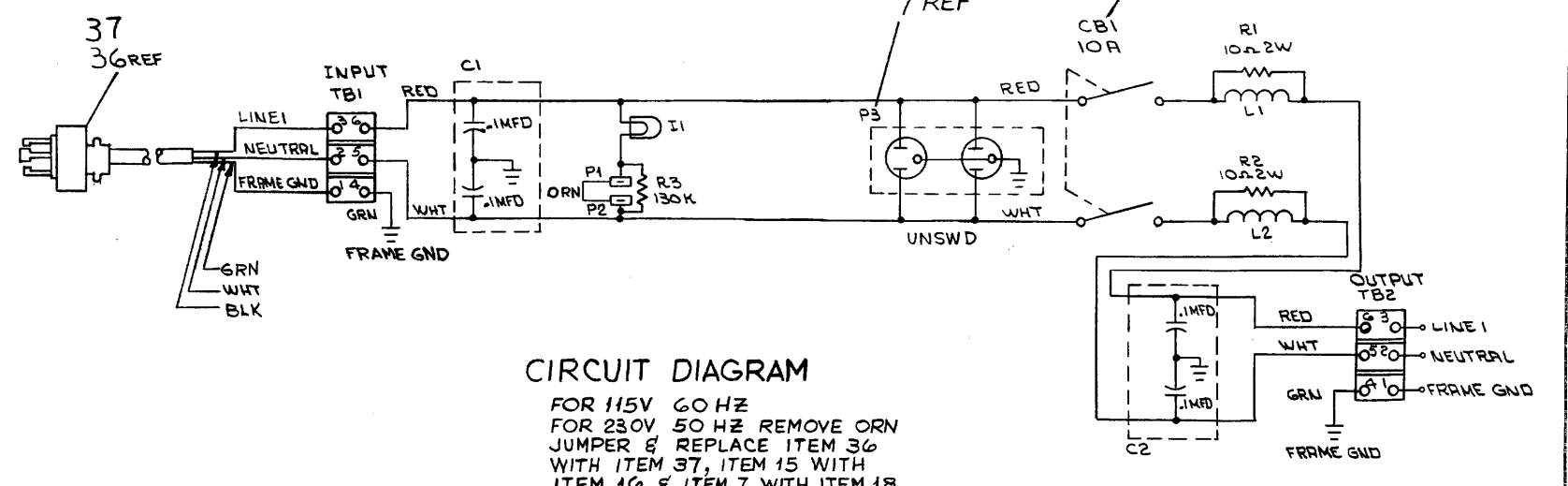
FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
TU10A		PARTS LIST		
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES				
DECIMALS	ANGLES	TITLE		
xxx - .005	±0° 30'	POWER PANEL (TU10A)		
.xx - .02		NEXT HIGHER ASSY.		
x - .1		D-UA-TU10A-0-0		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		SCALE NONE	D AD 7008887-0-0	REV.
MATERIAL		SHEET 1 OF 2	DIST. E	
FINISH				

REV	CHANGE NO.

REV. NUMBER 7008887-0-0

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WIRE TABLE							
ITEM NO.	AWG	COLOR	FROM CONNECTION	WITH	TO CONNECTION	WITH	REMARKS
26	14	GRN	TB1-4	21	P3-3	21,22	SEE NOTE #2
26	14	GRN	TB1-4	21	GND-1	11,12	
24	14	WHT	TB1-5	21	C1-5	21	
25	14	RED	TB1-6	21	C1-4	21	
6	-	RED	C1-2	21	I1-2	-	
25	14	RED	CB1-4	21	P3-2	21	
24	14	WHT	C1-6	21	P1	SOLD	
30	-	BLK	R3-1	28	P2	SOLD	
6	-	BLK	I1-1	-	P2	SOLD	
24	14	WHT	CB1-1	21, 8	L1-1, R1-1	23, 28	
25	14	RED	CB1-2	21, 8	L2-1, R2-1	23, 28	
26	14	GRN	P3-3	21,22	TB2-1	21	SEE NOTE #2
24	14	WHT	P3-5	21	CB1-3	21	
29	-	BLK	R2-2	28	C2-8	23	
31,24	-	WHT	L2-2	21	-	-	
31,25	14	RED	L1-2	21	C2-4	23	
28	-	BLK	R1-2	25	C2-4	23	
25	14	RED	C1-1	21	P3-1	21	
24	14	WHT	C1-8	21	P2-4	21	
25	14	RED	C2-2	21	TB2-3	21	
24	14	WHT	C2-6	21	TB2-2	21	
26	14	GRN	TB2-1	21	GND-2	11,12	
36	-	GRN	-	-	TB1-1	-	
36	-	WHT	-	-	TB1-2	-	SEE NOTE #4
36	-	BLK	-	-	TB1-3	-	
34	18	ORN	P1	21,35	P2	21,35	SEE NOTE #1



REV.	DATE	BY

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
TUI0A				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES				
DECIMALS	ANGLES	TOLERANCES		
XXX - .005	± 0° 30'	TOLERANCES		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY				
MATERIAL				
FINISH				
NEXT HIGHER ASSY.		SIZE CODE		NUMBER
D-UA-TUI0A-0-0		DAD		7008887-0-0
SCALE NONE		SHEET 2 OF 2		DIST

digital EQUIPMENT CORPORATION
 WATYARD MASSACHUSETTS

POWER PANEL (TUI0A)

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS PARTS LIST					QUANTITY / VARIATION																
MADE BY P.J. LEBLANC		CHECKED D. HEALY		SECTION		7008887-1	7008887-2														
DATE 21 MAR. 72		DATE 3/24/72		1																	
ENG. <i>L. Carpenito</i>		PROD <i>Jerry Healy</i>		ISSUED SECT.																	
DATE 4/20/72		DATE 4-20-72		1																	
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION																			
1	D-IA-7409685-0-0	CHASSIS, POWER PANEL			1	1															
2	1209158-1	TERM. BLOCK 3 SEC #529 BUCHANAN			6	6															
3	1002153	CAP 2X .1MFD 1000 VDC			2	2															
4	9007234	JUNCTION TERM. BUSH. (HEYMAN) ORN.			2	2															
5	9007238	TAB, HEYMAN #T-202-S			2	2															
6	1201280	LAMP #1020 C55 125V RED LENS IND DEV			1	1															
7	1205351	RECEPTACLE DBL #10103 (115V 15A) A.H.			1	-															
8	9008091	WIRE SPLICE #34203 ARK-LESS			2	-2															
9	D-MD-7409686-0-0	COVER, POWER PANEL			1	1															
10	9008280	CONN. ROMEX 3/8" EFCOR #1111DC			1	1															
11	9006633	WASHER INT TOOTH LOCK #6			18	18															
12	9007928	SOLD. CONN #50364 ARK-LESS (BLU)			2	2															
13	9008020-1	SCR PHL HD PAN #6-32 X 3/16 LG			8	8															
14	9006020-1	SCR PHL HD PAN #6-32 X 1/4 LG			14	14															
15	1210191-0	CKT BKR 10A2PM #52MC2123-10 (240V)			1	-															
16	1210191-1	CKT BKR 5A2PM #52MC2123-5 (240V)			-	1															
17	9006560	NUT KEPS #6-32			4	4															
18	9008856	RECEPTACLE DBL #10122 (240V 15A) A.H.			-	1															
19	1209158-2	END SECTION #530 BUCHANAN			2	2															
20	9007803	90° ANGLE #2202 1/2" SIZE			1	1															
21	9007917-0	SOLD CONN #50902 ARK-LESS (RED)			34	32															
22	9007112	FASTON TAB #60145-1 AMP			2	2															
TITLE POWER PANEL (TU10-A)				ASSY NO. D-AD-7008887-0-0		SIZE CODE A PL		NUMBER 7008887-0-0				REV.		ECO NO.							
				SHEET 1 OF 2		DIST.															

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS PARTS LIST					QUANTITY / VARIATION																
MADE BY P.J. LEBLANC		CHECKED D. HEALY		SECTION		7008887-1	7008887-2														
DATE 21 MAR 72		DATE 3/24/72		1																	
ENG. <i>L. Carpenito</i>		PROD <i>Jerry Healy</i>		ISSUED SECT.																	
DATE 4/20/72		DATE 4-20-72		1																	
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION																			
23	9007919-0	SOLD CONN #50906 ARK-LESS (BLU)			2	2															
24	9107370-99	WIRE #14 AWG STRD TEF INS. WHI			A/R	A/R															
25	9107370-22	WIRE #14 AWG STRD TEF INS. RED			A/R	A/R															
26	9107370-55	WIRE #14 AWG STRD TEF INS. GRN			A/R	A/R															
27	9107370-00	WIRE #14 AWG STRD TEF INS BLK			A/R	A/R															
28	9107278-00	TUBING #18 AWG BLK.			A/R	A/R															
29	1300172	RESISTOR 10 Ω 2W 10% CC			2	2															
30	1305604	RESISTOR 130K 1W 5% CC			1	1															
31	1605147	FERRITE TUBE #56-261-30-3B			2	2															
32	9008887	GROUND STRAP 11" LG.			1	1															
33	9006055-1	SCR PHL HD PAN #1/4-20 X 3/8 LG.			1	1															
34	9107360-33	WIRE #16 AWG STRD TEF INS ORN			A/R	-															
35	9107305-22	TUBING RED SHRINKABLE #14 X 9/16			A/R	-															
36	7005128	CABLE, POWER 25FT. 60HZ			1	-															
37	7006419	CABLE, POWER 25FT. 50HZ			-	1															
38	A-DC-7409717-0-0	DECALS			A/R	A/R															
39	3610267	HIGH VOLTAGE LABEL 2 1/16 X 2 1/16			1	1															
TITLE POWER PANEL (TU10-A)				ASSY NO. D-AD-7008887-0-0		SIZE CODE A PL		NUMBER 7008887-0-0				REV.		ECO NO.							
				SHEET 2 OF 2		DIST.															

MASTER DRAWING LIST

NO.	TITLE	UNIT VARIATIONS															
		TU10-EA	TU10-EB	TU10-EC	TU10-ED	TU10-EE	TU10-EF	TU10-EG	TU10-EH	TU10-EI	TU10-EJ	TU10-EK	TU10-EL	TU10-EM	TU10-EN	TU10-EO	
TU10-M (MASTER UNIT)		X	X	X	X	-	-	-	-	X	X	X	X	-	-	-	-
TU10-S (SLAVE UNIT)		-	-	-	-	X	X	X	X	-	-	-	-	X	X	X	X

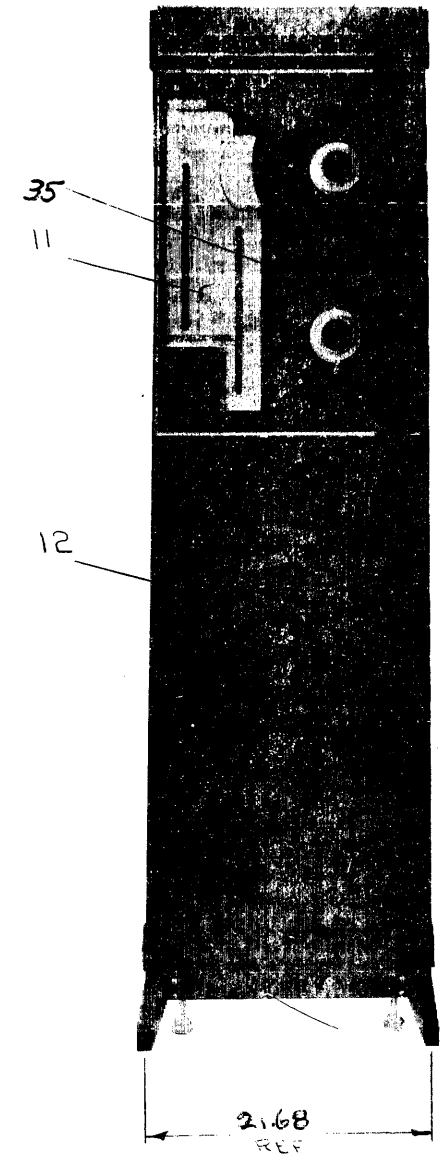
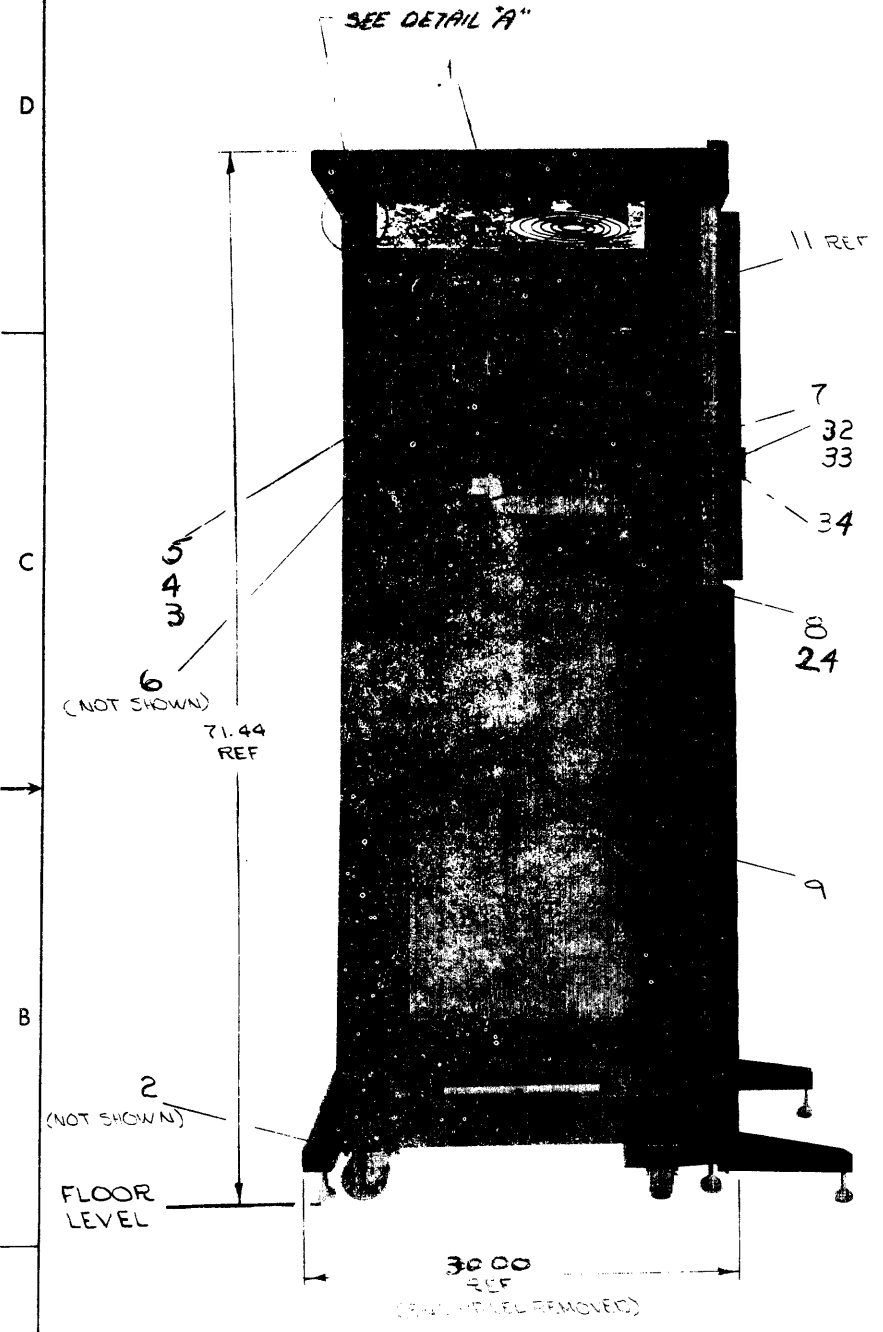
USED ON OPTIONS							

REV.	DATE	CHG. NO.	APP'D.	DRN.	DATE	 DIGITAL EQUIPMENT CORPORATION <small>MAYNARD MASSACHUSETTS</small>	TITLE	NUMBER	REV.			
A	5/71	00036	J.B.	K. RUSS	2-17-					TU10 TAPE TRANSPORT	TU10-0	W
B	5/71	00037	J.B.	ENG. <i>D. Beudine</i>	2-18-							
C	5/71	00042	J.B.	PROJ. ENG. <i>J. Barlow</i>	2-18-							
D	7/71	00044	<i>ans</i>	PROD. <i>B.E. CROSS</i>	2-19-71							
E	7/71	00045	<i>ans</i>									
F	7/71	00047	<i>ans</i>									
G	8/71	00049	<i>ans</i>									
H	8/71	00050	W.C.S.									
I												
J												
K												
L	12/71	00051	<i>ans</i>									
M	2/72	00055	<i>ans</i>									
N	2/72	00056	<i>ans</i>									
O	2/72	00057	<i>ans</i>									
P	7/72	00064	J.B.									
Q	7/72	00065	R.B.									
R	7/72	MISC-94	J.B.									
S	1/73	TU10-68	J.H.									
T	3/73	TU10-72	J.H.									
U	4/73	TU10-74	J.B.									
V												
W												

PRINT SET		DWG. NO.	REV. LET.	NO. OF SHEETS	TITLE	OPTION NO.
TU10-M	TU10-S					
X	X	D-UA-TU10-0-0	E	1	TAPE TRANSPORT ASSY	
X	X	C-PL-TU10-0-0	E	1	TAPE TRANSPORT ASSY (PL)	
X	X	D-DI-TU10-0-1	M	3	DRAWING INDEX TU10	
X	X	D-BS-TU10-0-3	B	1	MOTOR CONTROL (MASTER/SLAVE)	
X	X	D-BS-TU10-0-4	C	2	CONNECTORS & INDICATORS (MASTER/SLAVE)	
X	X	D-BS-TU10-0-5	B	1	COMMAND LOGIC (MASTER/SLAVE)	
X	X	D-BS-TU10-0-6	C	1	MOTION LOGIC (MASTER/SLAVE)	
X	X	D-BS-TU10-0-7	C	1	BUS LOGIC (MASTER/SLAVE)	
X	X	D-BS-TU10-0-8	C	1	READ WRITE TIMING LOGIC (MASTER/SLAVE)	
X	X	D-BS-TU10-0-9	C	1	WRITE CIRCUITRY (MASTER/SLAVE)	
X	X	D-BS-TU10-0-10	C	1	READ CIRCUITRY (MASTER/SLAVE)	
-	X	D-MU-TU10-0-11	C	1	MODULE UTILIZATION (SLAVE)	
-	X	A-PL-TU10-0-11	C	1	MODULE UTILIZATION (SLAVE)	
X	X	D-BS-TU10-0-12	A	2	MASTER BUS DRIVERS & INTERCONNECTIONS	
X	X	D-CS-M7672-0-1	#	2	COMMAND BUFFERS (TU13)	
X	X	D-CS-M891-0-1	#	2	CRC & WRITE GATING (TU14)	
X	X	D-CS-M895-0-1	#	2	READ TIMING (TU15)	
X	X	D-CS-M892-0-1	#	2	GAP TIMING & READ PARITY (TU16)	
X	X	D-CS-M7673-0-1	#	2	DATA CHECKER (TU17)	
X	X	A-PL-TU10-0-18	A	2		
X	X	D-MU-TU10-0-18	A	1	MODULE UTILIZATION (MASTER)	
X	X	D-AD-7006755-0-0	D	1	WIRED ASSY	
X	X	A-PL-7006755-0-0	D	1	WIRED ASSY (PL)	
X	X	K-WL-TU10-0-2	H		WIRE LIST	
X	X	A-ML-H730-0	#	1	H730 POWER SUPPLY	
X	X	D-CS-H730-0-1	#	1	H730 POWER SUPPLY SCHEMATIC	H730
X	X	D-UA-H730-0-0	#	4	H730 POWER SUPPLY ASSY	H730

TITLE	TAPE TRANSPORT ASSY	SHEET 2 OF 4	SIZE CODE	NUMBER	REV.
			A ML	TU10-0	W

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LEGEND

NUMBER	VARIATION
TU10-EA	9 TRK MASTER 115V 60 HZ
TU10-EB	9 TRK MASTER 230V 60 HZ
TU10-EC	9 TRK MASTER 115V 50 HZ
TU10-ED	9 TRK MASTER 230V 50 HZ
TU10-EF	9 TRK SLAVE 115V 60 HZ
TU10-EE	9 TRK SLAVE 230V 60 HZ
TU10-EH	9 TRK SLAVE 115V 50 HZ
TU10-EJ	9 TRK SLAVE 230V 50 HZ
TU10-FA	7 TRK MASTER 115V 60 HZ
TU10-FB	7 TRK MASTER 230V 60 HZ
TU10-FC	7 TRK MASTER 115V 50 HZ
TU10-FD	7 TRK MASTER 230V 50 HZ
TU10-FE	7 TRK SLAVE 115V 60 HZ
TU10-FF	7 TRK SLAVE 230V 60 HZ
TU10-FH	7 TRK SLAVE 115V 50 HZ
TU10-FJ	7 TRK SLAVE 230V 50 HZ

NOTES

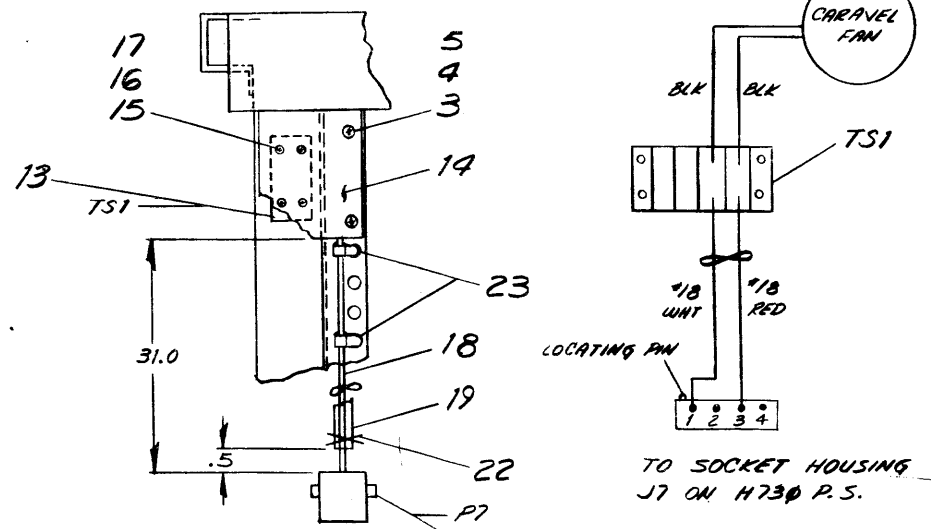
- TYPE OF LOGO (ITEM 10) IS TO BE DETERMINED BY SYSTEM REQUIRING TU10 UNIT.
- FOR PARTS LIST REFER TO C-PL TU10-0-0.

LOCATION OF TINNEMAN NUTS (ITEM 5)

LOCATE ALL NUTS BY COUNTING HOLES UP FROM BOTTOM OF CABINET FRAME

FRONT HOLE NUMBERS	
RIGHT SIDE 84, 85, 86 & 87	LEFT SIDE 84, 85, 86 & 87
LEFT SIDE HOLE NUMBERS	RIGHT SIDE HOLE NUMBERS
REAR: 84, 85, 86 & 87	REAR: 84, 85, 86 & 87
FRONT:	FRONT:

NOTE: TRK=TRACK



DETAIL "A"
REAR SUPPORT FAR SIDE

REVISIONS

REV	DATE	DESCRIPTION
1	12/1/71	INITIAL DESIGN
2	12/1/71	REVISED TO ADD DIMENSIONS
3	12/1/71	REVISED TO ADD MATERIAL
4	12/1/71	REVISED TO ADD FINISH
5	12/1/71	REVISED TO ADD LEGS
6	12/1/71	REVISED TO ADD CASTERS
7	12/1/71	REVISED TO ADD DIMENSIONS

FIRST USED ON OPTION / MODEL TU10	DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES ANGLES FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	DATE 31 Dec 71 DATE 2/2/71 DATE 2/2/71 DATE 2-23-71	DATE 31 Dec 71 DATE 2/2/71 DATE 2-23-71	DATE 31 Dec 71 DATE 2/2/71 DATE 2-23-71	
MATERIAL		NEXT HIGHER ASSY A-M-L-TU10		PARTS LIST	
FINISH		SCALE NONE		SHEET 2 OF 1	
TITLE TAPE TRANSPORT TU10		SHEET CODE DUA TU10-0-0		PART NO. ITEM NO.	
DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		SIZE CODE DUA TU10-0-0		REV. 1	

ITEM NO.	PART NO.	DESCRIPTION	DIMENSIONS															
			EA-Ø	EB-Ø	EC-Ø	ED-Ø	EE-Ø	EF-Ø	EG-Ø	EH-Ø	EA-Ø	EB-Ø	EC-Ø	ED-Ø	EE-Ø	EF-Ø	EG-Ø	
1	C-PL-7006501-24 Ø	BASIC CAB. ASSEMBLY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
2	D-UA-H952-BA-Ø	FULL LENGT DOOR H952-BA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
3	9006074-3	SCREW, PHL HD TRUSS #10-32 X 5/8 LG	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	
4	9007651	LOCK WASHER #10 EXT. TOOTH	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	
5	9007766	TINNERMAN NUT #10-32	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	
6	9107673-16	POWER CORD (ELK) 16 FT. LG	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
7	D-IA-7408593-0-0	MODULE HOLD DOWN BAR	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
8	D-MU-7018-Ø-18	MODULE UTILIZATION	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
9	D-UA-H952-AA-Ø	END PANELS, H952-A * *	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	
10	D-IA-7407349-0-0	PANEL, LOCO * * *	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
11	D-AD-7006756-1-0	TRANSPORT ASSY 9 TRACK 115V 60 HZ	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11	D-AD-7006756-2-0	TRANSPORT ASSY 9 TRACK 230V 60 HZ	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
11	D-AD-7006756-3-0	TRANSPORT ASSY 9 TRACK 115V 50 HZ	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
11	D-AD-7006756-4-0	TRANSPORT ASSY 9 TRACK 230V 50 HZ	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
11	D-AD-7006756-5-0	TRANSPORT ASSY 7 TRACK 115V 60 HZ	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
11	D-AD-7006756-6-0	TRANSPORT ASSY 7 TRACK 230V 60 HZ	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
11	D-AD-7006756-7-0	TRANSPORT ASSY 7 TRACK 115V 50 HZ	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	
11	D-AD-7006756-8-0	TRANSPORT ASSY 7 TRACK 230V 50 HZ	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
12	D-UA-H952-JD-Ø	MIDDLE DOORS, H952-JD	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
13	9006088	TERMINAL STRIP #4-141 CINCH JONES	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
14	C-MD-7407607-0-0	PLATE, JONES STRIP	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
15	9006025-1	SCR PHL HD PAN #6-32 X 5/8 LG	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
16	9007649	WASHER EXT TOOTH #6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
17	9006560	KEPS NUT #6-32	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
18	9107430-29	WIRE #18 AWG TWP RED & WHT	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	
19	9107243	TURING ASTRA SUPLEX #1 BLK	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	
20	1209373	CONTACT #6020-1 AMP	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
21	1209350-03	CONN #1-480305-0 MATE-N-LOCK	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
22	9007031	TIEWRAP SST-18 PANDUIT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
23	9007867	PUSH MOUNT #PM2H2M PANDUIT	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
24	D-AD-7005501-1-0	TRANS ASSY	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	
25	1209351-03	MALE MATE-N-LOCK	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	
26	1209350-03	FEMALE MATE-N-LOCK	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	
27	1209378-01	MALE PIN	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	
28	1209379-01	FEMALE PIN	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	
29	9007880	TIE WRAP	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	
30	9107430-09	WIRE #18 AWG TWP #12	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	
31	1209351-04	CONN 4PIN MATE-N-LOCK	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
32	C-IA-7409373-0-0	SPECIAL LOGO (TU10 9CH)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
33	C-IA-7409294-0-0	SPECIAL LOGO (TU10 7CH)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
34	1210682	UNIVERSAL NAMEPLATE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
35	9008294	CLIP, TINNERMAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
36	BCØ8A-10	MYLAR CABLE	-	-	-	*	*	*	*	-	-	-	*	*	*	*	*	
37	BCØ6C-10	MYLAR CABLE	-	-	-	*	*	*	*	-	-	-	*	*	*	*	*	
38	BCØ8N-10	ROUND COAX CABLE	-	-	-	*	*	*	*	-	-	-	*	*	*	*	*	
39	BCØ8P-10	ROUND COAX CABLE	-	-	-	*	*	*	*	-	-	-	*	*	*	*	*	

REV.	CHANGE NO.	DATE	BY
A	00032	5/17/71	BARDONE
B	00045	5/17/71	BARDONE
C	00052	10-18-71	M. MORGANSTERN
D	00054	12-22-71	M. MORGANSTERN
E	00065	1-22-72	M. MORGANSTERN

FIRST USED ON CAB. TYPE MODEL
TU10

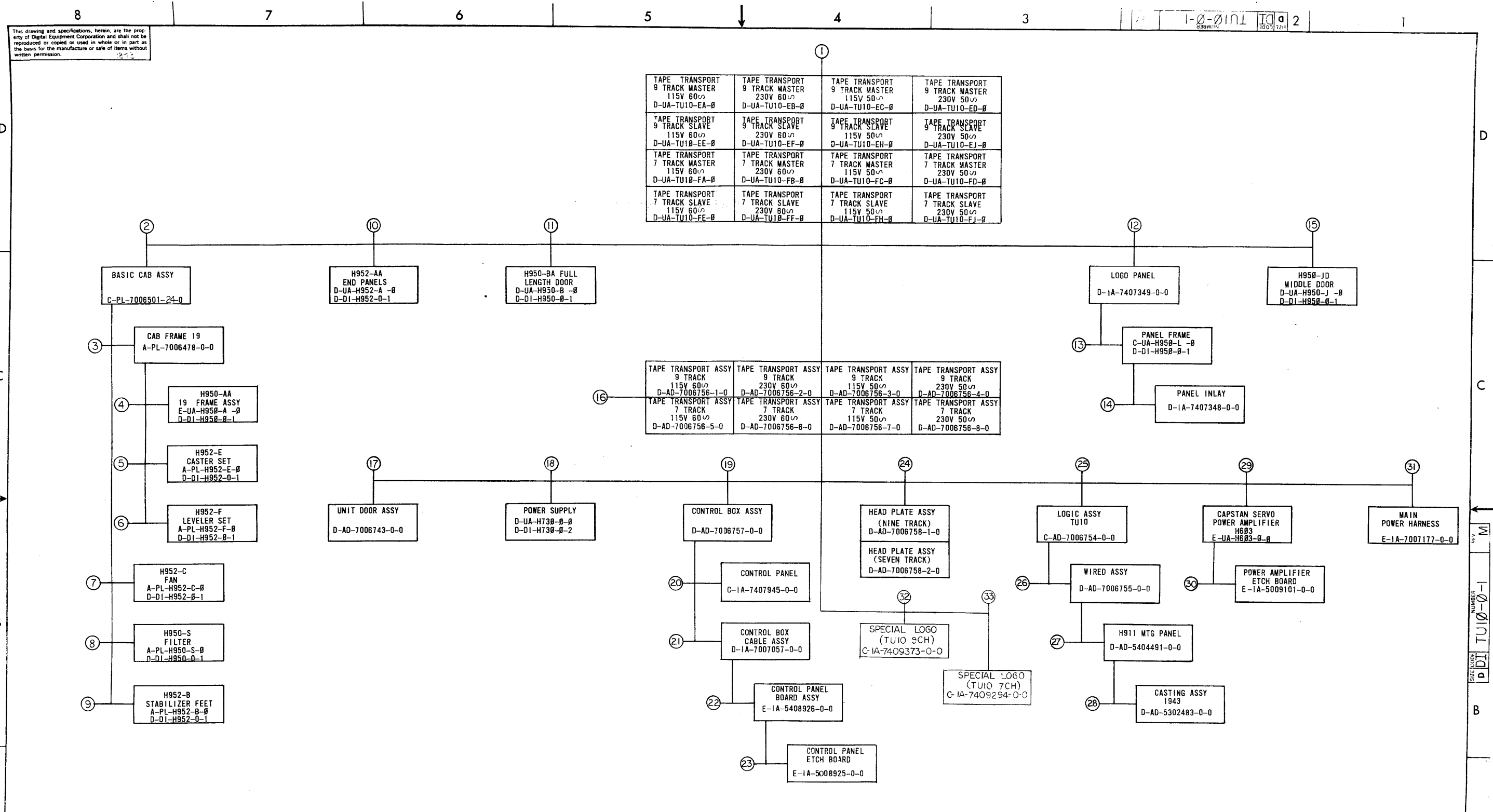
* SEE ACCESSORY LIST FOR QUANTITIES
** ONLY USED ON FREE STANDING CABINETS
*** TYPE OF LOGO TO BE DETERMINED BY SYSTEM USING TU10

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

DRN. 10-LEB-10	DATE 10-2
CHK'D. J. FLEMING	DATE 10-2
ENG. J. Bardone	DATE 2-22-71
PROJ. ENG. J. Bardone	DATE 2-22-71
PROD. G. Brown	DATE 2-25-71
NEXT REVISION	
TITLE	
TAPES TRANSPORT TU10	
SIZE CODE	NUMBER
CPL	TU10-0-0
DIST.	REV E

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1-0-011 ID 2



REV	DATE	BY	CHK	DESCRIPTION
0	10-19-71	FIN		10-19-71
1	11-11-71	FIN		11-11-71
2	12-17-71	FIN		12-17-71
3	1-12-72	FIN		1-12-72
4	2-17-72	FIN		2-17-72
5	3-1-72	FIN		3-1-72
6	3-1-72	FIN		3-1-72
7	3-1-72	FIN		3-1-72
8	3-1-72	FIN		3-1-72
9	3-1-72	FIN		3-1-72
10	3-1-72	FIN		3-1-72
11	3-1-72	FIN		3-1-72
12	3-1-72	FIN		3-1-72
13	3-1-72	FIN		3-1-72
14	3-1-72	FIN		3-1-72
15	3-1-72	FIN		3-1-72
16	3-1-72	FIN		3-1-72
17	3-1-72	FIN		3-1-72
18	3-1-72	FIN		3-1-72
19	3-1-72	FIN		3-1-72
20	3-1-72	FIN		3-1-72
21	3-1-72	FIN		3-1-72
22	3-1-72	FIN		3-1-72
23	3-1-72	FIN		3-1-72
24	3-1-72	FIN		3-1-72
25	3-1-72	FIN		3-1-72
26	3-1-72	FIN		3-1-72
27	3-1-72	FIN		3-1-72
28	3-1-72	FIN		3-1-72
29	3-1-72	FIN		3-1-72
30	3-1-72	FIN		3-1-72
31	3-1-72	FIN		3-1-72
32	3-1-72	FIN		3-1-72
33	3-1-72	FIN		3-1-72

FIRST USED ON OPT/MOD	QTY	DESCRIPTION	PART NO.	ITEM NO.
TU10				
UNLESS OTHERWISE SPECIFIED	DRN	DATE	PARTS LIST	
UNLESS OTHERWISE SPECIFIED	CHKD	DATE	digital EQUIPMENT CORPORATION	
TOLERANCES	ENG	DATE	TITLE	
DECIMALS FRACTIONS ANGLES	PROJ. ENG.	DATE	DRAWING INDEX LIST	
FINAL SURFACE QUALITY	PROD.	DATE	TU 0	
REMOVE BURRS AND BREAK SHARP CORNERS	NEXT HIGHER ASSY		D DI TU10-0-1 M	
MATERIAL	SCALE		SHEET 1 OF 3	
FINISH	SHEET		DIST	

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W 1-0-0 TUI 10 2

ELECTRICAL			DEPT USAGE			ELECTRICAL			DEPT USAGE			MECHANICAL			DEPT USAGE			DEPT USAGE							
FIND NO.	DESCRIPTION	PART NO.	PROD	CUST	F/C	FIND NO.	DESCRIPTION	PART NO.	PROD	CUST	F/C	FIND NO.	DESCRIPTION	PART NO.	PROD	CUST	F/C	FIND NO.	DESCRIPTION	PART NO.	PROD	CUST	F/C		
1.	TAPE TRANSPORT ASSY 7 & 9 TRACK WIRE LIST MOTOR CONTROL (MASTER/SLAVE) CONNECTORS/INDICATORS (M/S) COMMAND LOGIC (MASTER/SLAVE) MOTION LOGIC (MASTER/SLAVE) BUS LOGIC (MASTER/SLAVE) READ WRITE TIMING LOGIC (M/S) WRITE CIRCUITRY (MASTER/SLAVE) READ CIRCUITRY (MASTER/SLAVE) MODULE UTILIZATION (SLAVE) MODULE UTILIZATION (PL) MASTER BUS DRIVERS & INTERCONN MODULE UTILIZATION (MASTER) MODULE UTILIZATION (PL) TUI0 ACCEPTANCE CRITERIA TUI0 ASSY & TEST PROCEDURE ACCESSORY LIST HEAD MTG PLATE ASSY PROC UNIT ASSY PROC (MECH)	A-ML-TUI0-0 K-ML-TUI0-0-2 D-BS-TUI0-0-3 D-BS-TUI0-0-4 D-BS-TUI0-0-5 D-BS-TUI0-0-6 D-BS-TUI0-0-7 D-BS-TUI0-0-8 D-BS-TUI0-0-9 D-BS-TUI0-0-10 D-MJ-TUI0-0-11 A-PL-TUI0-0-12 D-BS-TUI0-0-18 A-PL-MJ-TUI0-0-18 A-SP-TUI0-0-19 A-SP-TUI0-0-20 A-ML-TUI0-0-21 A-SP-TUI0-0-22 A-SP-TUI0-0-23				16.	TAPE TRANSPORT ASSY'S TAPE TRANSPORT ASSY'S (PL)	D-AD-7006756-0-0 A-PL-7006756-0-0				16.	CLAMP ROLLER SHAFT ANGLE SHAFT, SOLENOID BRACE, COVER HINGE, COVER BOTTOM HINGE, COVER TOP RAMP COVER ROLLER, CSTG CATCH, DOOR CLAMP, CAPSTAN	B-PS-1210375-0-0 B-PS-1210372-0-0 C-PS-1210369-0-0 C-PS-1210370-0-0 B-PS-1210371-0-0 C-PS-1210365-0-0 B-PS-1210368-0-0 D-PS-1210374-0-0											
						18.	POWER SUPPLY H730	A-ML-H730-0																	
						19.	CONTROL BOX ASSY CONTROL BOX ASSY CONTROL BOX TESTER TEST PROCEDURE	D-AD-7006757-0-0 A-PL-7006757-0-0 D-CS-7006757-0-2 A-SP-7006757-0-3																	
						22.	CONTROL PANEL CIRCUIT SCHEMATIC	D-CS-5408926-0-0																	
						26.	WIRED ASSY WIRED ASSY (PL)	D-AD-7006755-0-0 A-PL-7006755-0-0																	

REV	DATE	BY	DESCRIPTION

DRN	DATE	BY	DESCRIPTION
CHK'D	DATE	BY	DESCRIPTION
ENG.	DATE	BY	DESCRIPTION
PROJ. ENG.	DATE	BY	DESCRIPTION
PROD.	DATE	BY	DESCRIPTION

FIRST USED ON OPTION/MODEL

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE
DRAWING INDEX LIST

SCALE 1/1

SHEET 3 OF 7

SIZE CODE D DI TUI 10-0-1

NUMBER

REV. M

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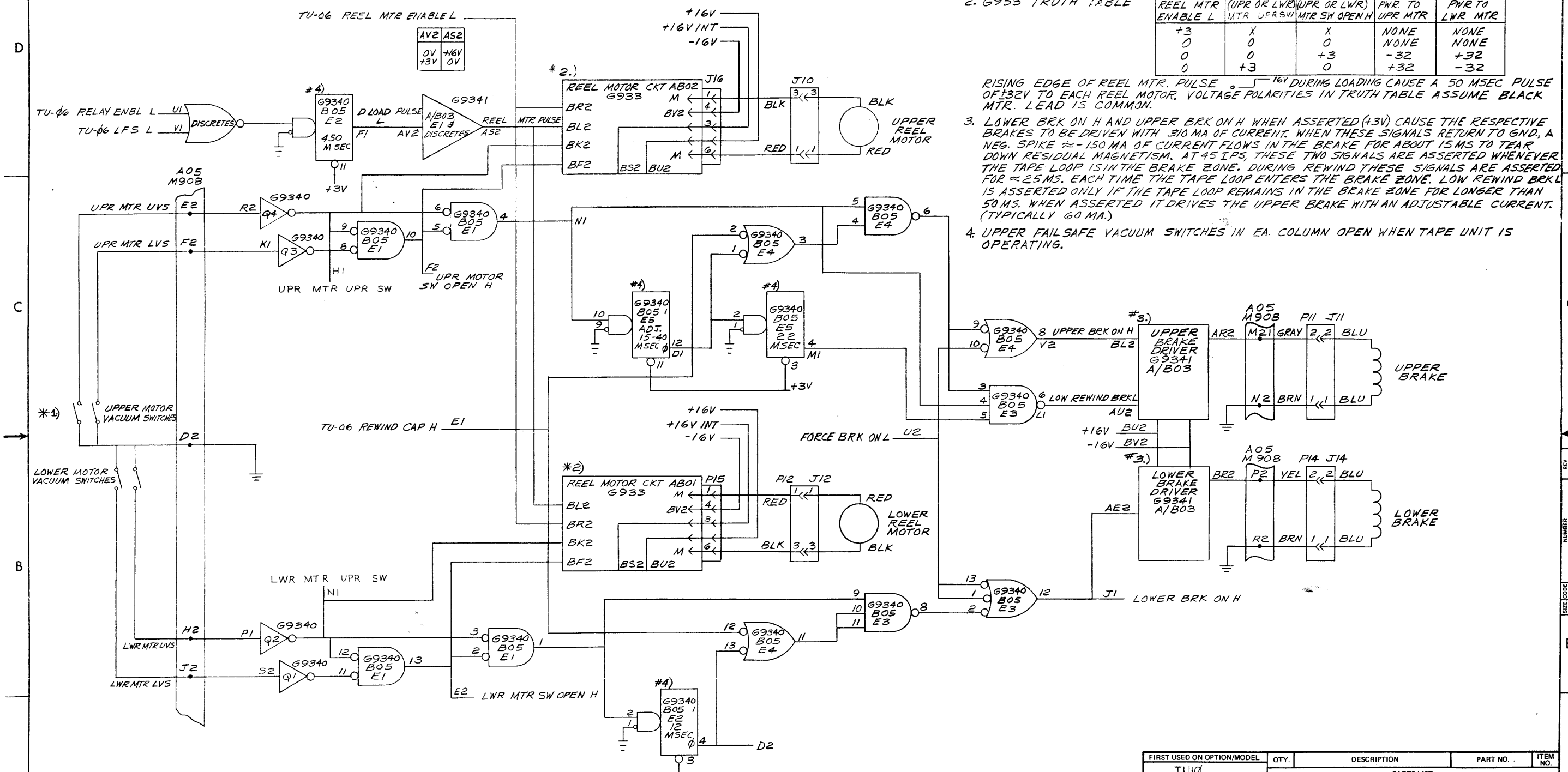
* NOTES:

- VACUUM SWITCHES ARE CLOSED WHEN A VACUUM (10⁻⁴ H₂O) EXISTS AT THE ASSOCIATED PORT IN COLUMN.
- G933 TRUTH TABLE

REEL MTR ENABLE L	(UPR OR LWR) MTR UPR SW	(UPR OR LWR) MTR SW OPEN H	PWR TO UPR MTR	PWR TO LWR MTR
+3	X	X	NONE	NONE
0	0	0	NONE	NONE
0	0	+3	-32	+32
0	+3	0	+32	-32

1. RISING EDGE OF REEL MTR. PULSE $\frac{1}{2}$ 16V DURING LOADING CAUSE A 50 MSEC PULSE OF +32V TO EACH REEL MOTOR. VOLTAGE POLARITIES IN TRUTH TABLE ASSUME BLACK MTR. LEAD IS COMMON.

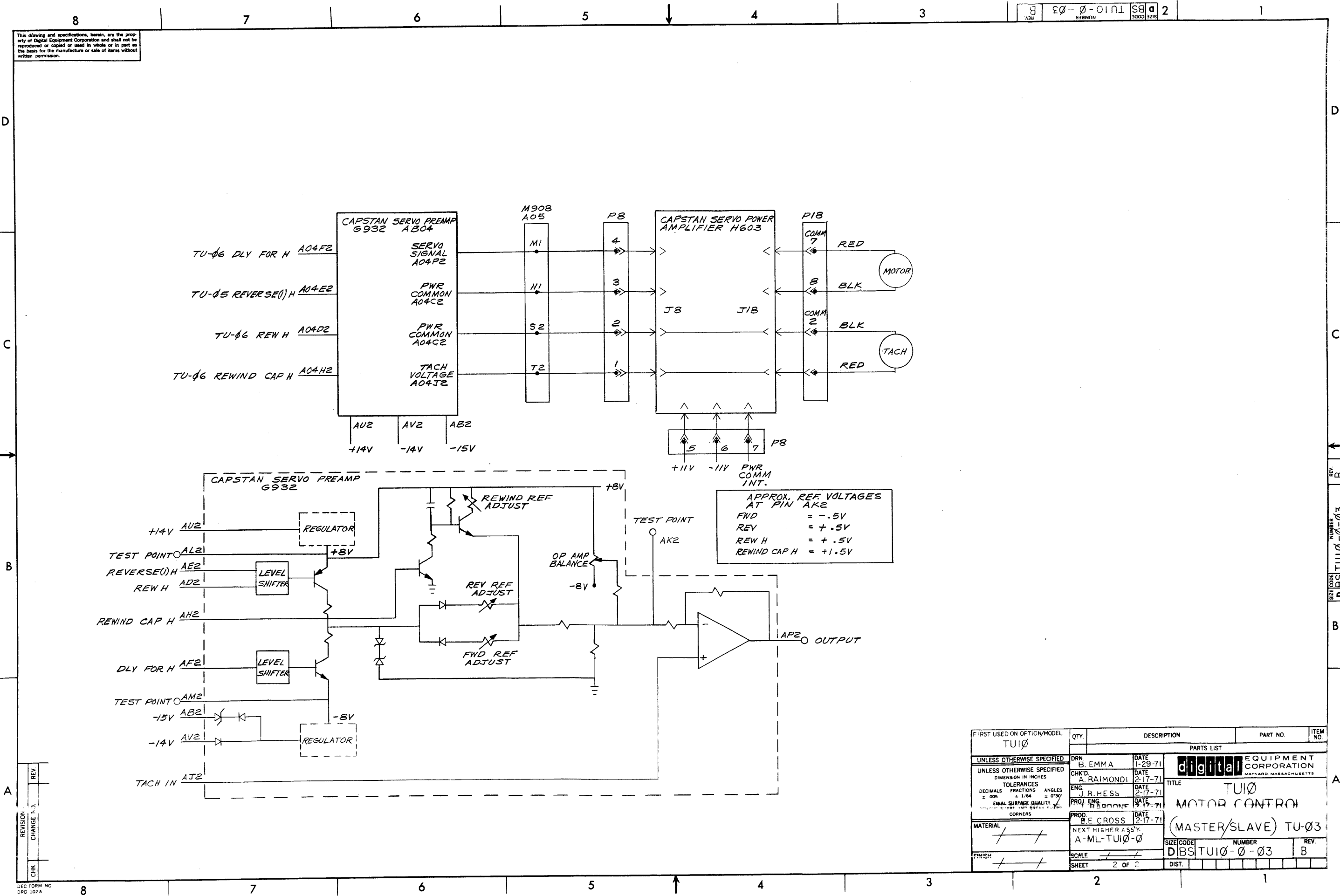
- LOWER BRK ON H AND UPPER BRK ON H WHEN ASSERTED (+3V) CAUSE THE RESPECTIVE BRAKES TO BE DRIVEN WITH 310 MA OF CURRENT. WHEN THESE SIGNALS RETURN TO GND, A NEG. SPIKE \approx -150 MA OF CURRENT FLOWS IN THE BRAKE FOR ABOUT 15 MS TO TEAR DOWN RESIDUAL MAGNETISM. AT 45 IPS, THESE TWO SIGNALS ARE ASSERTED WHENEVER THE TAPE LOOP IS IN THE BRAKE ZONE. DURING REWIND THESE SIGNALS ARE ASSERTED FOR \approx 25 MS. EACH TIME THE TAPE LOOP ENTERS THE BRAKE ZONE. LOW REWIND BRK L IS ASSERTED ONLY IF THE TAPE LOOP REMAINS IN THE BRAKE ZONE FOR LONGER THAN 50 MS. WHEN ASSERTED IT DRIVES THE UPPER BRAKE WITH AN ADJUSTABLE CURRENT. (TYPICALLY 60 MA.)
- UPPER FAILSAFE VACUUM SWITCHES IN EA. COLUMN OPEN WHEN TAPE UNIT IS OPERATING.



REV	CHG	NO	BY	DATE
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

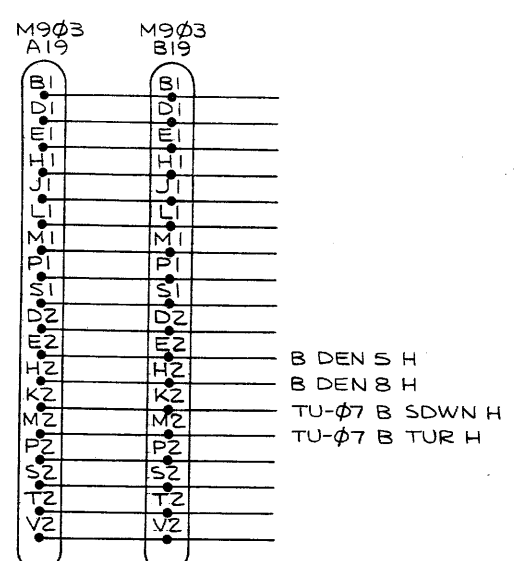
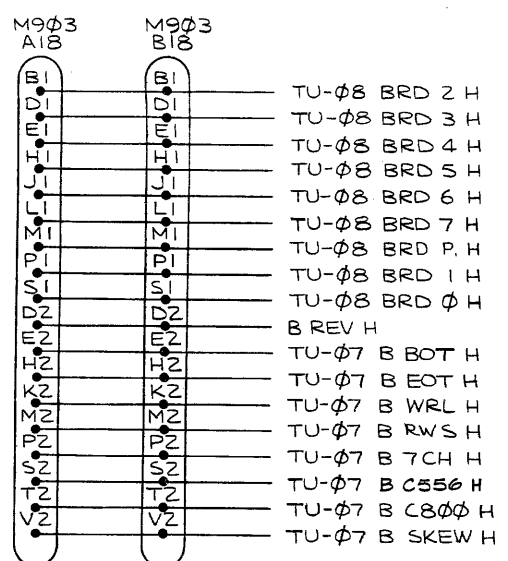
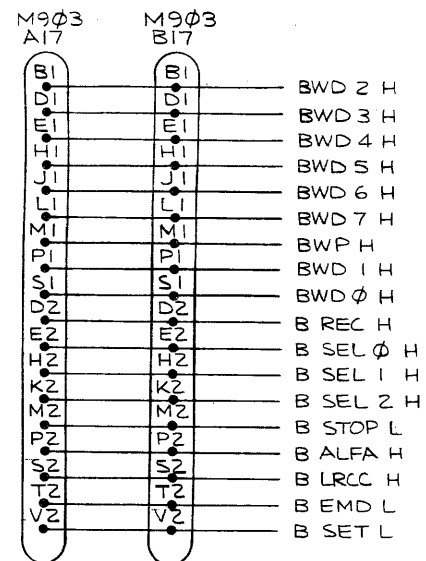
FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
TUIØ				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES	DRN. B. EMMA	DATE 1-29-71	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS	
DECIMALS .xxx = .005 .xx = .02 .x = .1	CHK'D A. RAIMONDI	DATE 2-17-71		
ANGLES ±0° 30'	ENG. J.R. HESS	DATE 2-17-71	TITLE TUIØ MOTOR CONTROL (MASTER/SLAVE) TU-Ø3	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓	PROJ. ENG. J. BARDONE	DATE 2-17-71		
MATERIAL	PROD. B.E. CROSS	DATE 2-17-71	NEXT HIGHER ASSY.	
FINISH	A-ML-TUIØ-Ø	SIZE CODE	NUMBER	REV.
	SCALE	D E S	TUIØ-Ø-Ø3	E
	SHEET 1 OF 2	DIST.		

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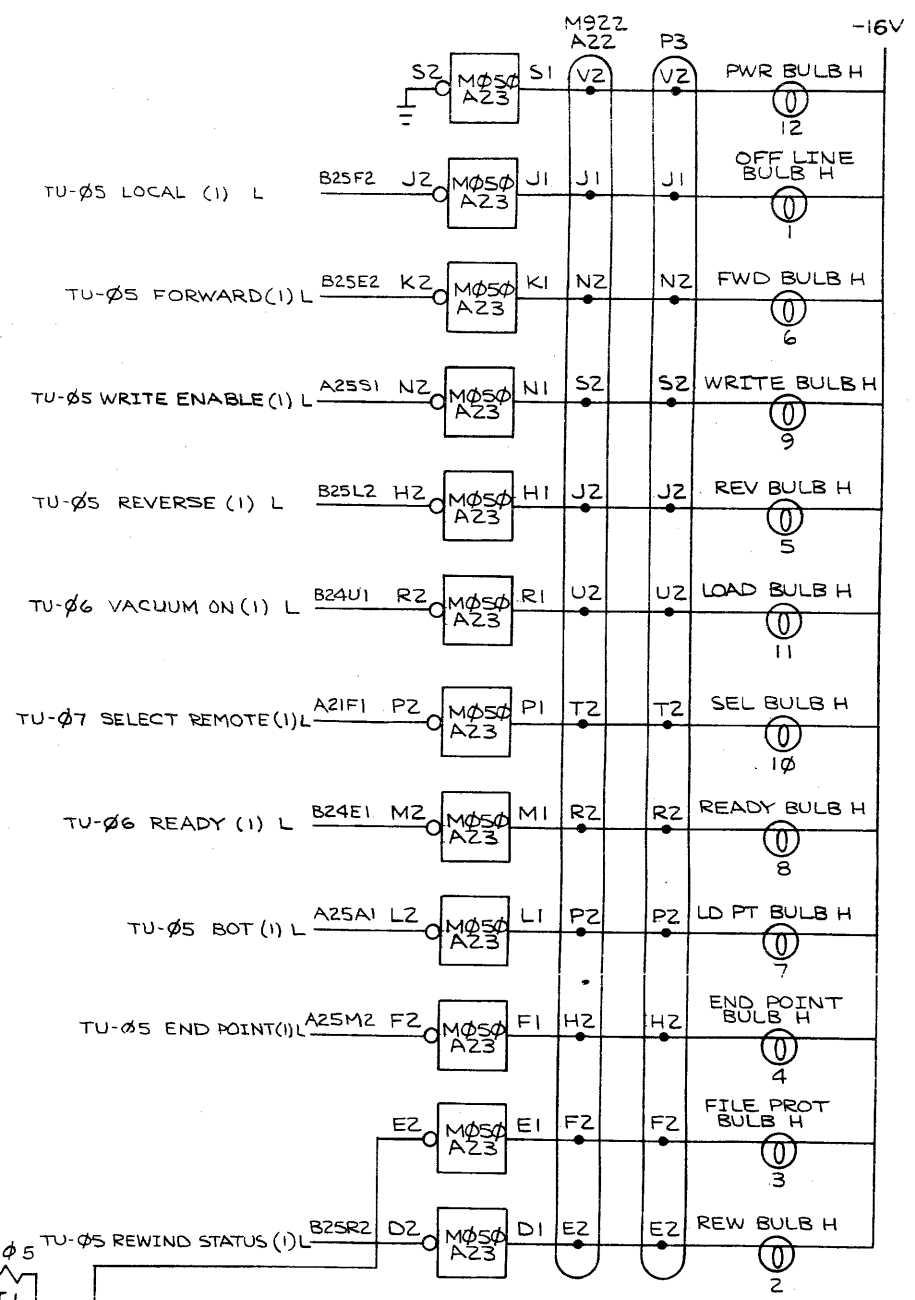
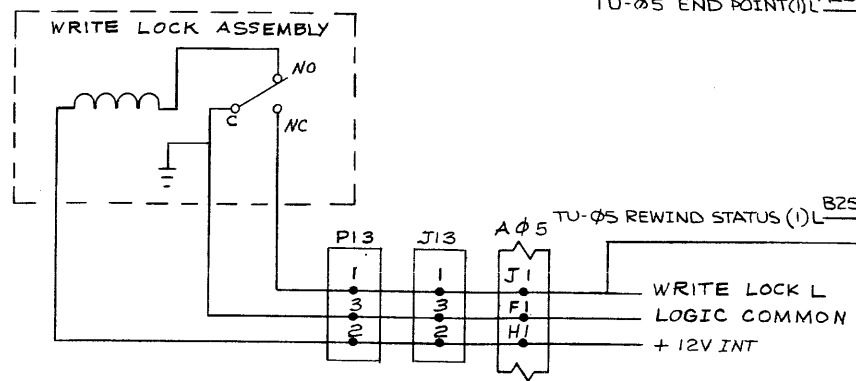
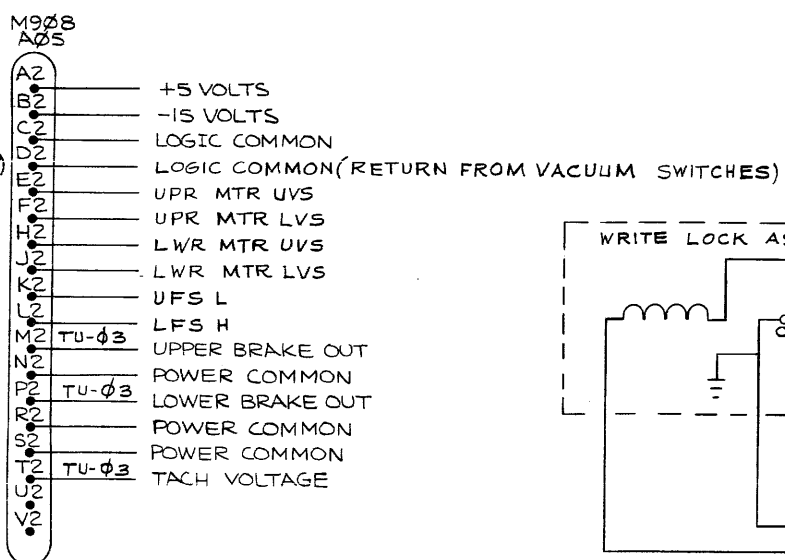
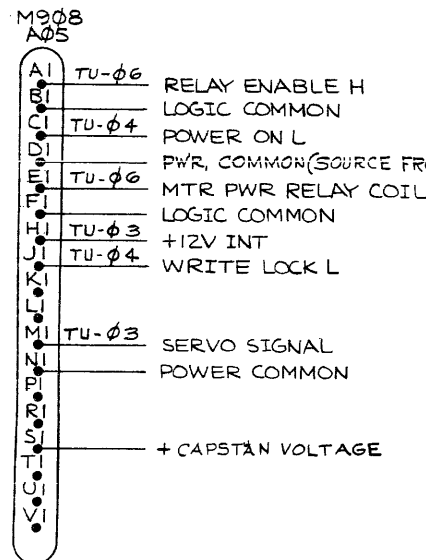


FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
TU10				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED	DRN B. EMMA	DATE 1-29-71	digital EQUIPMENT CORPORATION <small>MATNARD, MASSACHUSETTS</small>	
UNLESS OTHERWISE SPECIFIED	CHK'D A. RAIMONDI	DATE 2-17-71		
DIMENSION IN INCHES	ENG. J. R. HESS	DATE 2-17-71		
TOLERANCES DECIMALS FRACTIONS ANGLES ± .005 ± 1/64 ± 0°30'	PROJ. ENG. J. BARONE	DATE 3-15-71		
MATERIAL	PROD. B. E. CROSS	DATE 2-17-71	TITLE TU10 MOTOR CONTROL (MASTER/SLAVE) TU-03	
FINISH	NEXT HIGHER ASSY. A-ML-TU10-0			
SCALE				
SHEET 2 OF 2			SIZE CODE D BS TU10-0-03	REV. B
DIST.				

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NOTE: UNREFERENCED SIGNALS ON SLOTS 17, 18 & 19, COME FROM BUSS IN TU-10 SLAVES AND FROM MASTER (SEE TU-2) IN TU-10 MASTERS.

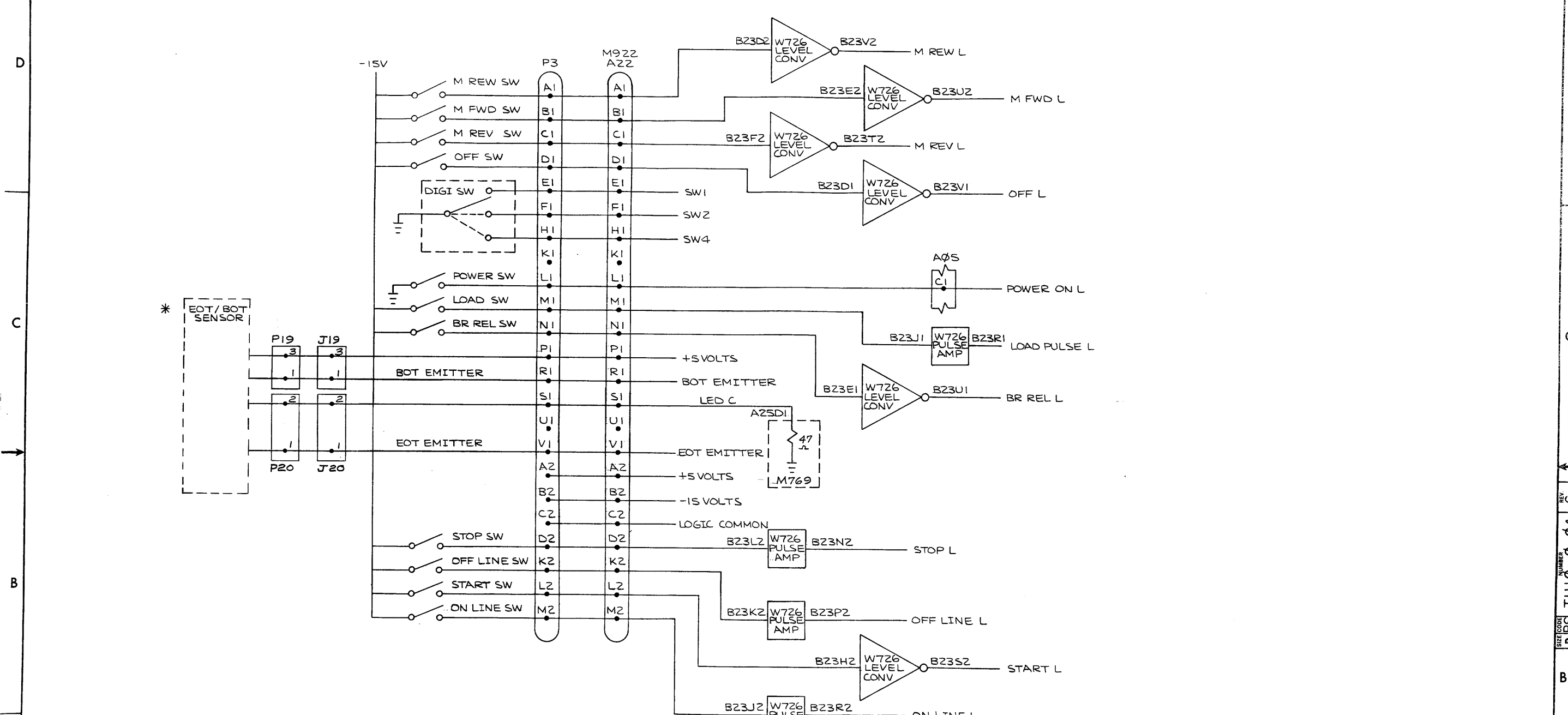


REV	CHANGE NO.	DATE
A	TUI0-00036	5/19/71
B	TUI0-00042	6/21/71
C	TUI0-00050	6/22/71

FIRST USED ON OPTION/MODE	QTY.	DESCRIPTION	PART NO.	ITEM NO.																																																												
TUI0																																																																
<table border="1"> <tr> <td>UNLESS OTHERWISE SPECIFIED</td> <td>DRN</td> <td>DATE</td> <td colspan="2">PARTS LIST</td> </tr> <tr> <td>UNLESS OTHERWISE SPECIFIED</td> <td>CHK'D</td> <td>DATE</td> <td colspan="2">digital EQUIPMENT CORPORATION</td> </tr> <tr> <td>DIMENSION IN INCHES</td> <td></td> <td></td> <td colspan="2">MAYNARD, MASSACHUSETTS</td> </tr> <tr> <td>TOLERANCES</td> <td>ENG</td> <td>DATE</td> <td colspan="2">TITLE</td> </tr> <tr> <td>DECIMALS FRACTIONS ANGLES</td> <td></td> <td></td> <td colspan="2">TUI0</td> </tr> <tr> <td>± .005 ± 1/64 ± 0°30'</td> <td></td> <td></td> <td colspan="2">CONNECTORS/INDICATORS</td> </tr> <tr> <td>FINAL SURFACE QUALITY</td> <td>PROD</td> <td>DATE</td> <td colspan="2">(MASTER/SLAVE) TU-04</td> </tr> <tr> <td>REMOVE BURRS AND BREAK SHARP CORNERS</td> <td></td> <td></td> <td colspan="2">SIZE CODE NUMBER REV</td> </tr> <tr> <td></td> <td></td> <td></td> <td colspan="2">D B S TUI0-0-04 C</td> </tr> <tr> <td>MATERIAL</td> <td></td> <td></td> <td colspan="2">SCALE NONE</td> </tr> <tr> <td></td> <td></td> <td></td> <td colspan="2">SHEET 1 OF 2</td> </tr> <tr> <td>FINISH</td> <td></td> <td></td> <td colspan="2">DIST.</td> </tr> </table>					UNLESS OTHERWISE SPECIFIED	DRN	DATE	PARTS LIST		UNLESS OTHERWISE SPECIFIED	CHK'D	DATE	digital EQUIPMENT CORPORATION		DIMENSION IN INCHES			MAYNARD, MASSACHUSETTS		TOLERANCES	ENG	DATE	TITLE		DECIMALS FRACTIONS ANGLES			TUI0		± .005 ± 1/64 ± 0°30'			CONNECTORS/INDICATORS		FINAL SURFACE QUALITY	PROD	DATE	(MASTER/SLAVE) TU-04		REMOVE BURRS AND BREAK SHARP CORNERS			SIZE CODE NUMBER REV					D B S TUI0-0-04 C		MATERIAL			SCALE NONE					SHEET 1 OF 2		FINISH			DIST.	
UNLESS OTHERWISE SPECIFIED	DRN	DATE	PARTS LIST																																																													
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DIMENSION IN INCHES			MAYNARD, MASSACHUSETTS																																																													
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FINAL SURFACE QUALITY	PROD	DATE	(MASTER/SLAVE) TU-04																																																													
REMOVE BURRS AND BREAK SHARP CORNERS			SIZE CODE NUMBER REV																																																													
			D B S TUI0-0-04 C																																																													
MATERIAL			SCALE NONE																																																													
			SHEET 1 OF 2																																																													
FINISH			DIST.																																																													

REV C
 NUMBER
 D B S TUI0-0-04

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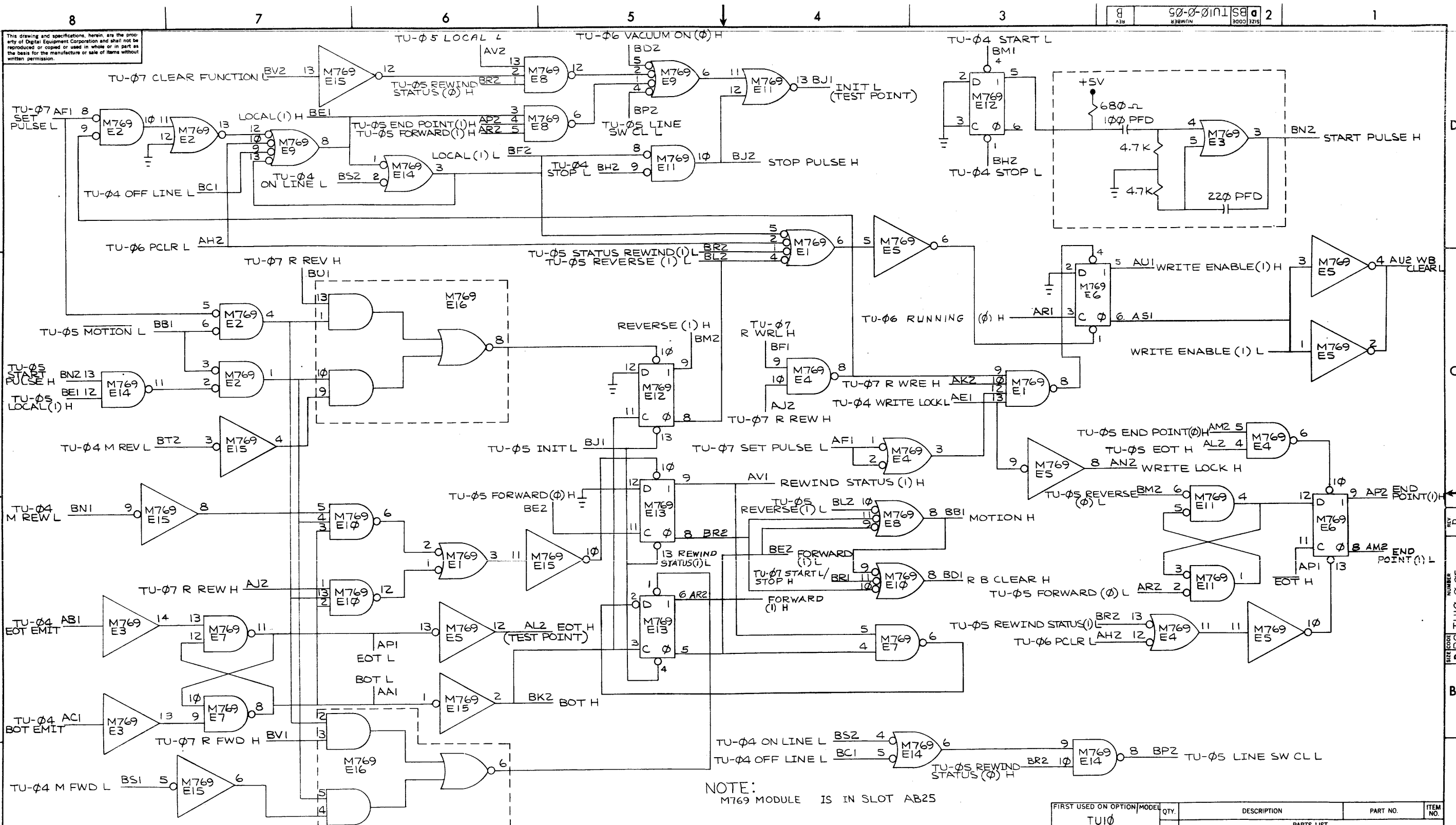


NOTE *
 1. BOT E GOES HIGH (+3V) WHEN BEGINNING OF TAPE MARKER IS SENSED.
 2. EOT E GOES HIGH (+3V) WHEN END OF TAPE MARKER IS SENSED.
 3. LIGHT EMITTING DIODE IS IN THE INFRARED RANGE AND IS NOT VISIBLE.

REV	
CHG	
CHK	

FIRST USED ON OPTION/MODEL TUI0	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED	DRN	DATE	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED	CHK'D	DATE	TITLE	
DIMENSION IN INCHES			TUI0	
TOLERANCES	ENG	DATE	CONNECTORS/INDICATORS	
DECIMALS FRACTIONS ANGLES			(MASTER/SLAVE) TU-04	
FINAL SURFACE QUALITY	PROJ. ENG.	DATE	MATERIAL	
REMOVE BURRS AND BREAK SHARP CORNERS			A-ML-TUI0-0	
	PROD.	DATE	FINISH	
			+ +	
			SCALE NONE	
			SHEET 2 OF 2	
			DIST.	

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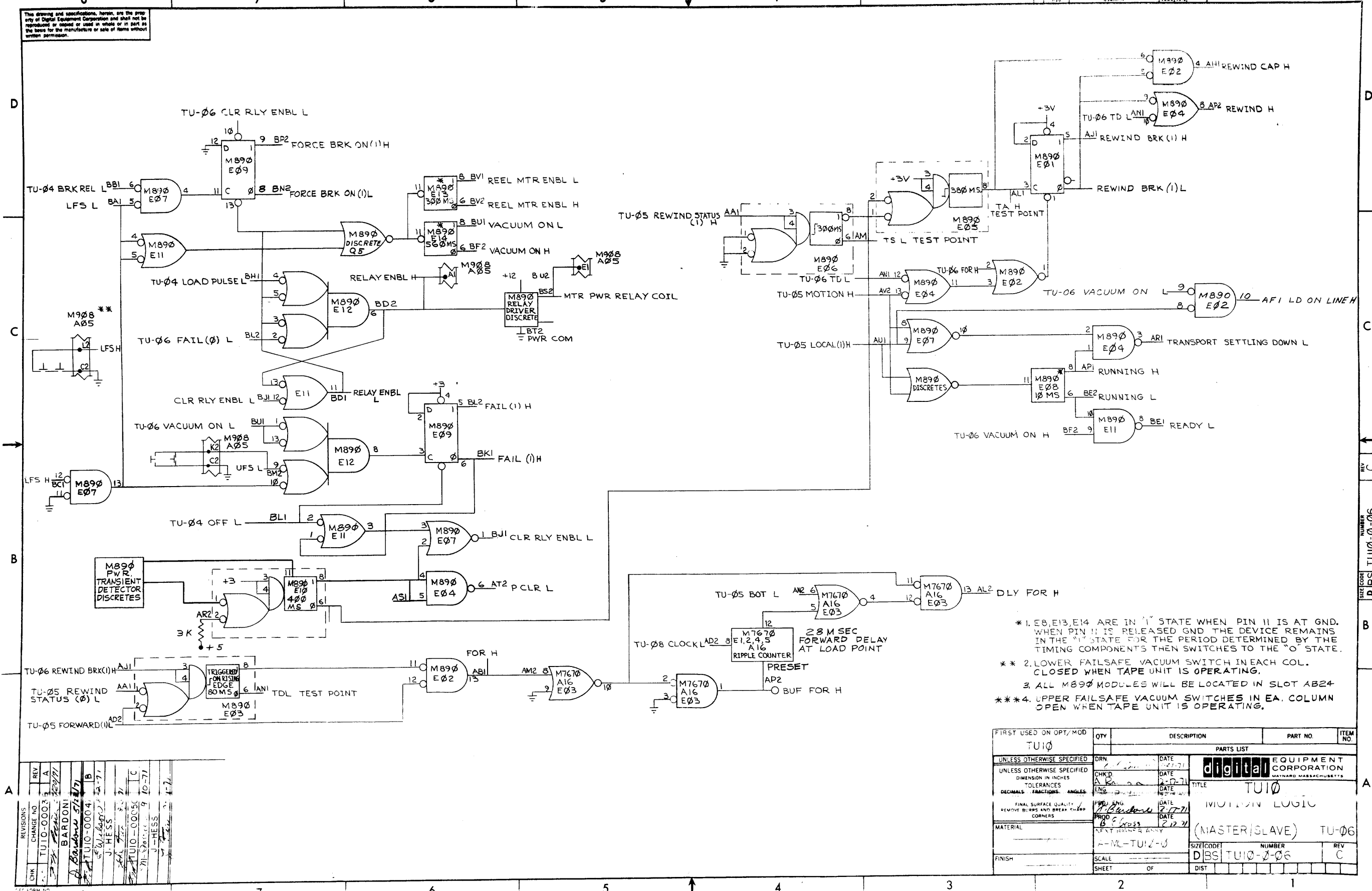


NOTE:
M769 MODULE IS IN SLOT AB25

REV	CHG	NO	DATE	BY
A	1	00036	1-6-71	A. Ramondi
B	1	00050	2-17-71	B. E. Goss

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
TU10				
UNLESS OTHERWISE SPECIFIED				
DRN		DATE	PARTS LIST	
CHK'D		DATE	digital EQUIPMENT CORPORATION	
ENG.		DATE	MAYNARD MASSACHUSETTS	
PROJ. ENGR.		DATE	TITLE	
PROD.		DATE	TU10	
MATERIAL				
NEXT HIGHER ASSY				
FINISH				
SCALE NONE				
SHEET OF				
DIST.				

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- * 1. E8, E13, E14 ARE IN "1" STATE WHEN PIN 11 IS AT GND. WHEN PIN 11 IS RELEASED GND THE DEVICE REMAINS IN THE "1" STATE FOR THE PERIOD DETERMINED BY THE TIMING COMPONENTS THEN SWITCHES TO THE "0" STATE.
- ** 2. LOWER FAILSAFE VACUUM SWITCH IN EACH COL. CLOSED WHEN TAPE UNIT IS OPERATING.
- 3. ALL M890 MODULES WILL BE LOCATED IN SLOT AB24
- *** 4. UPPER FAILSAFE VACUUM SWITCHES IN EA. COLUMN OPEN WHEN TAPE UNIT IS OPERATING.

REV	CHG	NO	DATE	BY	CHKD
A					
B					
C					
D					

FIRST USED ON OPT/ MOD	QTY	DESCRIPTION	PART NO.	ITEM NO.
TU-06				
UNLESS OTHERWISE SPECIFIED	DRN	DATE		
UNLESS OTHERWISE SPECIFIED	CHKD	DATE		
TOLERANCES	ENG	DATE		
DECIMALS FRACTIONS ANGLES	PROJ. ENG.	DATE		
FINAL SURFACE QUALITY	PROD.	DATE		
REMOVE BURRS AND BREAK SHARP CORNERS				
MATERIAL				
FINISH				

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

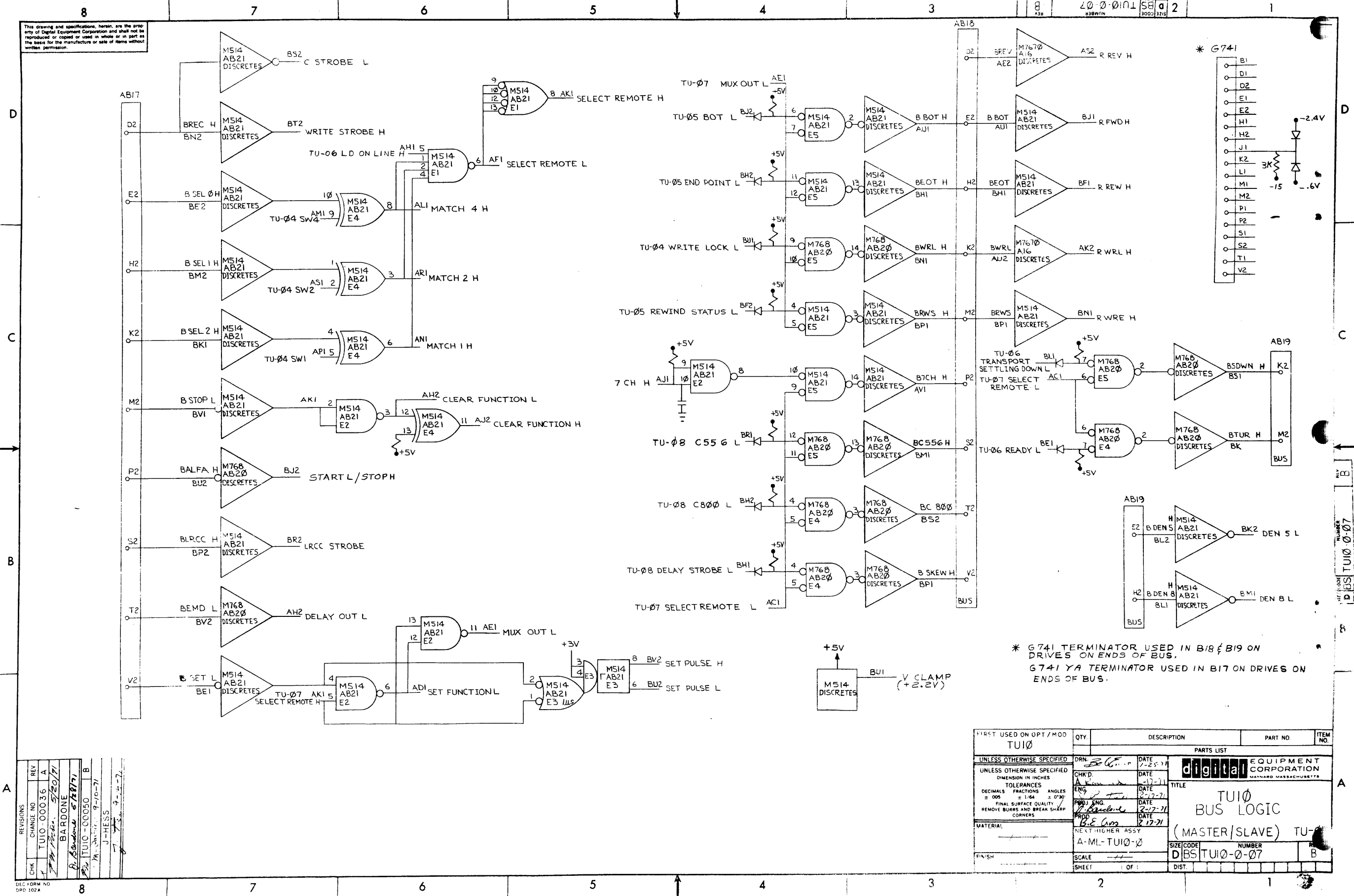
TITLE: TU-06
MOTION LOGIC

(MASTER/SLAVE) TU-06

SCALE: DIST
SHEET OF

REV. C
SIZE CODE: DBS
NUMBER: TU-06-06

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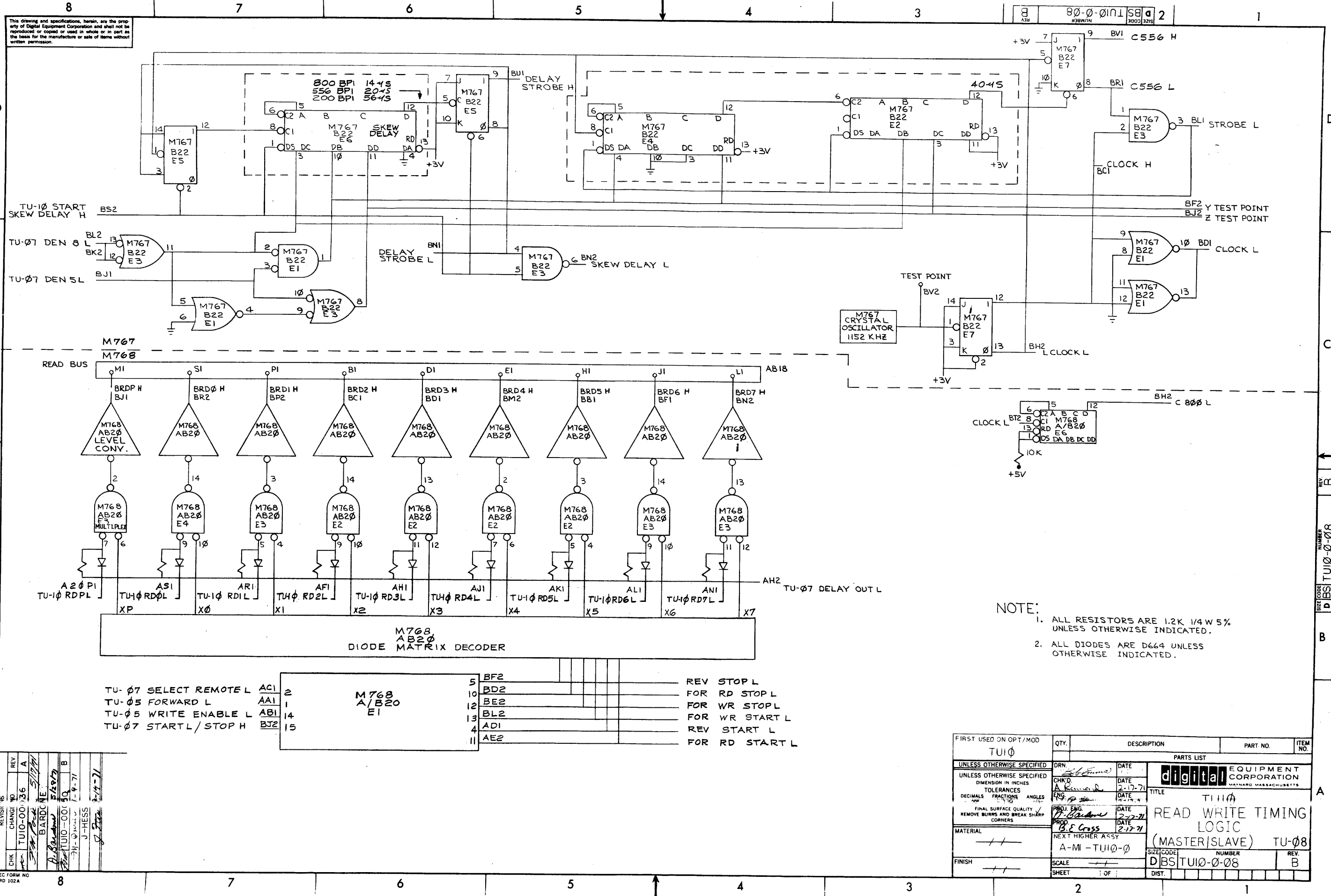


* G741 TERMINATOR USED IN B18 & B19 ON DRIVES ON ENDS OF BUS.
 G741 YA TERMINATOR USED IN B17 ON DRIVES ON ENDS OF BUS.

REV	CHANGE NO	DATE
A	00036	5/20/71
B	00050	9-10-71

BARDONE
 J-HESS
 9-10-71

FIRST USED ON OPT / MOD	QTY	DESCRIPTION	PART NO	ITEM NO
TU10				
UNLESS OTHERWISE SPECIFIED				
DRN		DATE	PARTS LIST	
DATE		DATE	digital EQUIPMENT CORPORATION	
DATE		DATE	MAYNARD MASSACHUSETTS	
DATE		DATE	TITLE	
DATE		DATE	TU10 BUS LOGIC	
DATE		DATE	(MASTER/SLAVE) TU-	
DATE		DATE	A-ML-TU10-07	
DATE		DATE	SIZE CODE	
DATE		DATE	D BS TU10-0-07	
DATE		DATE	NUMBER	
DATE		DATE	B	
DATE		DATE	SCALE	
DATE		DATE	SHEET	
DATE		DATE	OF 1	
DATE		DATE	DIST.	

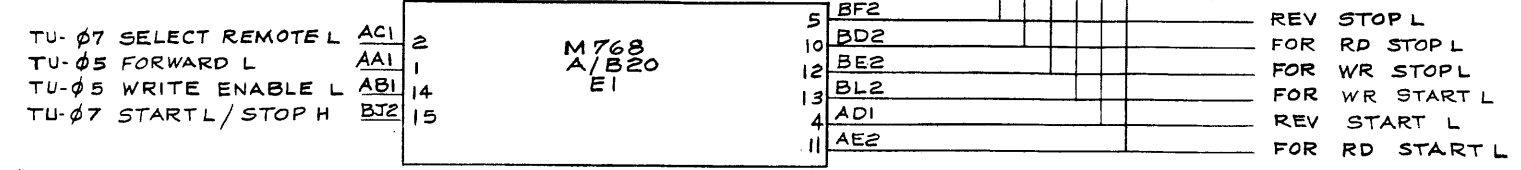


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NOTE:
 1. ALL RESISTORS ARE 1.2K 1/4 W 5% UNLESS OTHERWISE INDICATED.
 2. ALL DIODES ARE D644 UNLESS OTHERWISE INDICATED.

REVISION	NO	REV	DATE
1	1	A	2-17-71
2	2	B	2-17-71
3	3	C	2-17-71
4	4	D	2-17-71
5	5	E	2-17-71
6	6	F	2-17-71
7	7	G	2-17-71
8	8	H	2-17-71

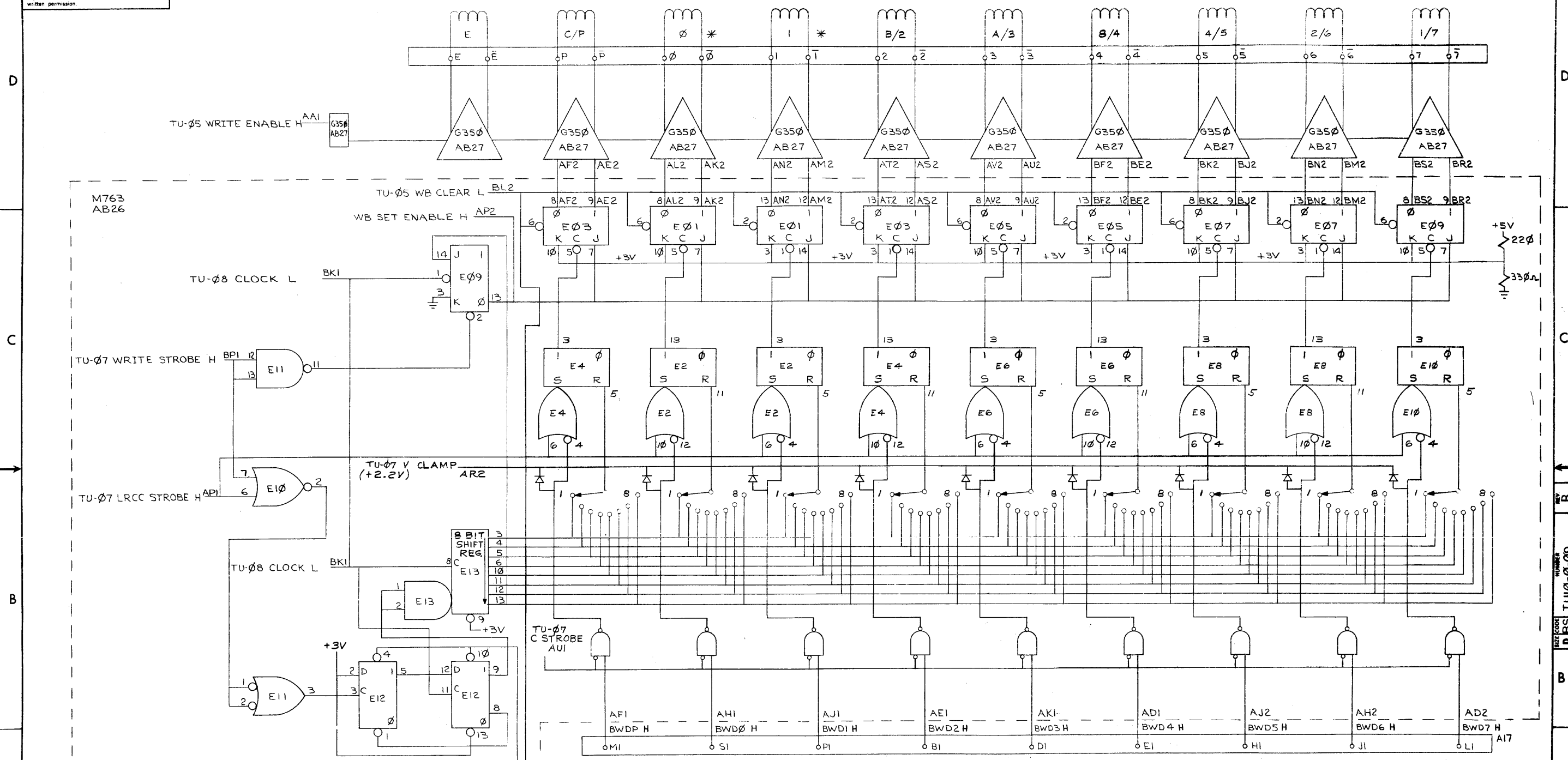
DEC FORM NO. DRD 102A



FIRST USED ON OPT/MOD	TUI0	QTY.	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED	DRN				
UNLESS OTHERWISE SPECIFIED	CHKD.	DATE	PARTS LIST		
DIMENSION IN INCHES	ENG	DATE	digital EQUIPMENT CORPORATION		
TOLERANCES	PROJ. ENG.	DATE	MAYNARD MASSACHUSETTS		
DECIMALS FRACTIONS ANGLES	PROD.	DATE	TITLE		
FINAL SURFACE QUALITY		DATE	TUI0		
REMOVE BURRS AND BREAK SHARP CORNERS		DATE	READ WRITE TIMING LOGIC		
MATERIAL		DATE	(MASTER/SLAVE) TU-08		
		DATE	NEXT HIGHER ASSY		
		DATE	A-MI-TUI0-0		
FINISH		DATE	SCALE		
		DATE	SHEET		
		DATE	DIST.		

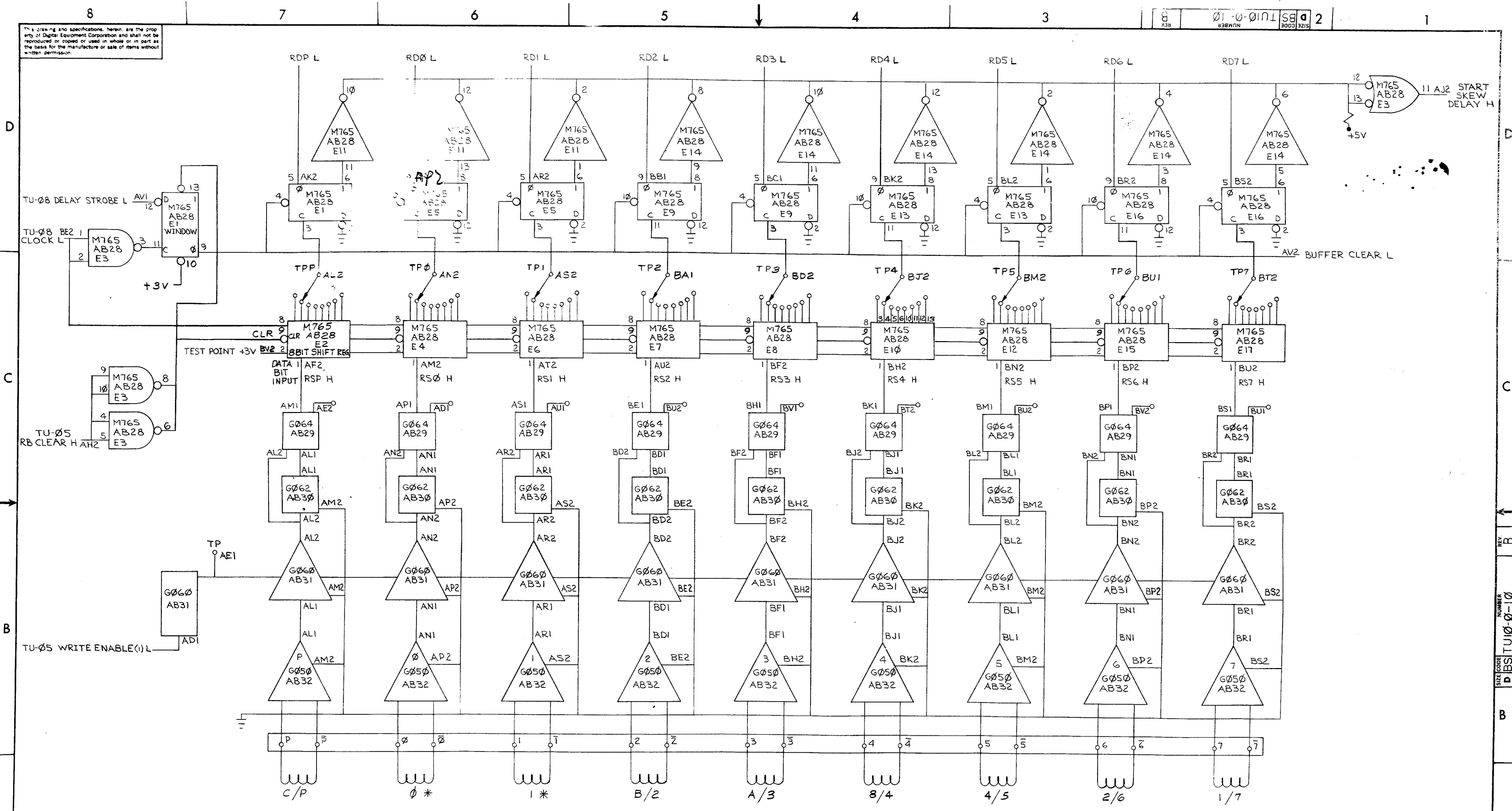
REV. B
 NUMBER
 TUI0-0-08
 SIZE CODE
 D

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REV	CHANGE NO	DATE	BY
A	TU10-00036	5/18/71	BARDONE
B	TU10-00050	5/28/71	J-HESS

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
TU10				
UNLESS OTHERWISE SPECIFIED	DRN	DATE	PARTS LIST	
UNLESS OTHERWISE SPECIFIED	CHR'D	DATE	digital EQUIPMENT CORPORATION	
TOLERANCES	ENG	DATE	TITLE	
DECIMALS FRACTIONS ANGLES	PROJ. ENG.	DATE	TU10	
± .005 ± 1/64 ± 0°30'	PROD.	DATE	WRITE CIRCUITRY	
FINAL SURFACE QUALITY		DATE	(MASTER/SLAVE) TU-09	
REMOVE BURRS AND BREAK SHARP CORNERS		DATE	SIZE CODE	
MATERIAL			D BS TU10-0-09	
FINISH			NUMBER	
			REV	
			B	



* 9 TRACK ONLY

REV	DATE	BY	CHK
0036	A		
1	1/2/71		
2	1/2/71		
3	1/2/71		
4	1/2/71		
5	1/2/71		
6	1/2/71		
7	1/2/71		
8	1/2/71		

FIRST USED ON OPT/MOD	QTY.	DESCRIPTION	PART NO.	ITEM NO.
TU0				
UNLESS OTHERWISE SPECIFIED				
DRN.	DATE	PARTS LIST		
CHKD.	DATE	digital EQUIPMENT CORPORATION		
ENG.	DATE	MAYNARD, MASSACHUSETTS		
PROD.	DATE	TITLE TU0		
REMOVE BURRS AND BREAK SHARP CORNERS				
MATERIAL				
FINISH				
SCALE				
SHEET				
NEXT IN SER ASSY				
A-ML-TU0-0				
SIZE CODEL. NUMBER REV.				
DIST. DBSTU0-0-10 B				

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

QUANTITY / VARIATION

MADE BY R.J. EMMA	CHECKED <i>A. Emma Jr</i>	SECTION
DATE 2/18/71	DATE 2-19-71	1
ENG <i>John T...</i>	PROD <i>BE 6000</i>	ISSUED SECT.
DATE 2/23/71	DATE 2-23-71	1

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	G050	DUAL GAP HEAD READ AMP	1																				
	G060	MAG TAPE COMPRESSOR, 9 TRACK	1																				
	G062	MAG TAPE PEAK DETECTOR, 9 TRACK	1																				
	G064	MAG TAPE SLICER, 9 TRACK	1																				
	G350	MAG TAPE WRITE DRIVER	1																				
	G741	NEG CLAMP LOAD	2																				
	G932	CAPSTAN SERVO PRE AMP	1																				
	G933	REEL MOTOR AMP	2																				
	M050	INVERTER DRIVER	1																				
	M514	TU10 TRANSCEIVER	1																				
	W726	SWITCH FILTER	1																				
	M763	9 TRACK WRITE BUFFER	1																				
	M765	9 TRACK READ BUFFER	1																				
	M767	CLOCK & SKEW DELAY	1																				
	M768	DELAY SELECTOR	1																				
	M769	FUNCTION CONTROL	1																				
	M890	MOTION CONTROL	1																				
	G934	BRAKE ACTUATOR	1																				
	M7670	FORWARD BOT TIMER	1																				
	G9340	BRAKE LOGIC	1																				
	G9341	BRAKE ACTUATOR	1																				
	G741YA	NEG. CLAMP LOAD	1																				

TITLE	ASSY NO.	SIZE	CODE	NUMBER	REV.	ECO NO.
MODULE UTILIZATION PL	D-MU-TU10-0-11	A	PL	TU10-0-11	C	TU10 00065
	SHEET 1 OF 1	DIST.				

DEC FORM NO.
DRA 110

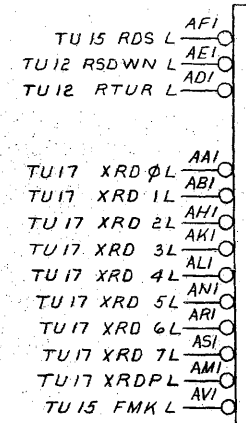
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D

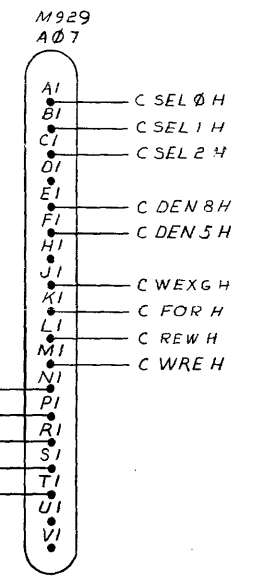
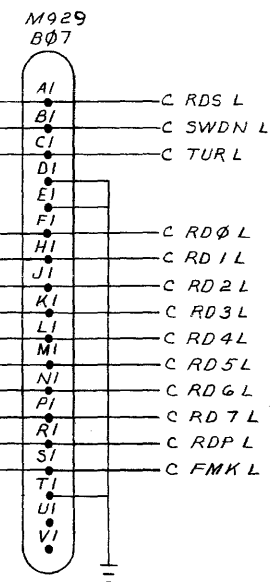
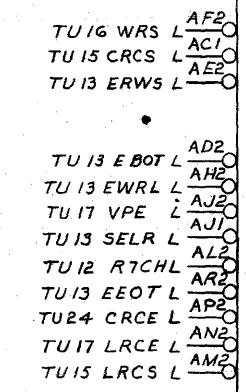
C

B

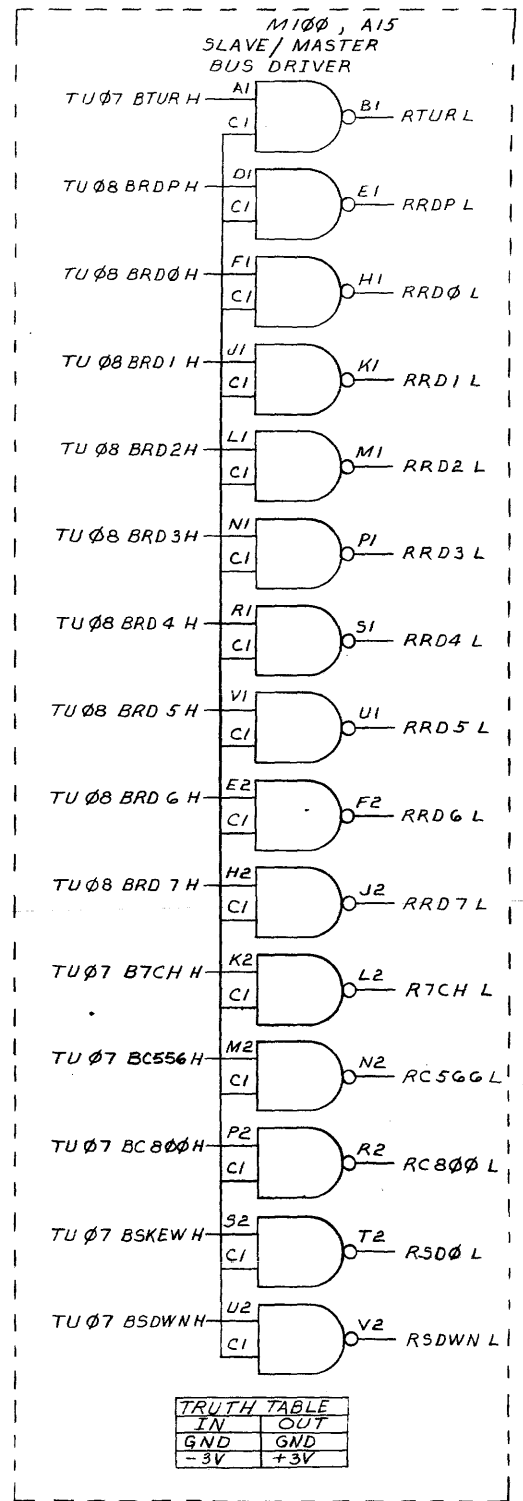
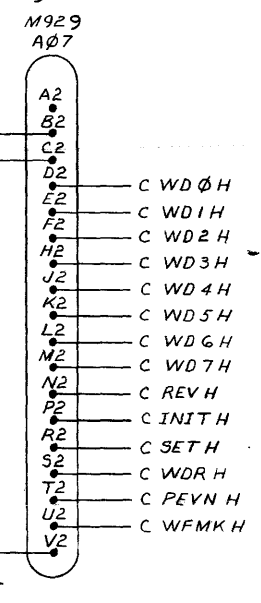
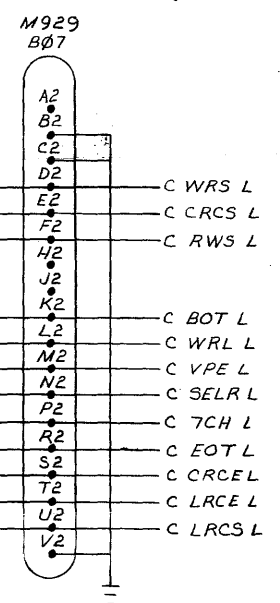
A



M640
AB08
MASTER/
INTERFACE
BUS
DRIVER
*



MASTER/INTERFACE CABLE
(DOUBLE HEIGHT MODULE)



TRUTH TABLE

IN	OUT
GND	GND
+3V	+3V

INPUT/OUTPUT TRUTH TABLE

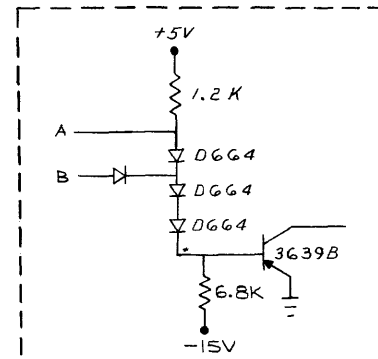
IN	OUT
GND	GND
+3V	+3V

FIRST USED ON OPT/MOD TU10	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DRN UNLESS OTHERWISE SPECIFIED CHKD DIMENSION IN INCHES TOLERANCES DECIMALS FRACTIONS ANGLES = .005 ± .004 ± .010 FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	DATE 4-21-71	DATE 4-21-71	digital EQUIPMENT CORPORATION	
MATERIAL NEXT HIGHER ASSY A-ML-TU10-0	DATE 4-25-71	DATE 4-25-71	TITLE MASTER BUS DRIVERS & INTERCONN	
FINISH	DATE 5-7-71	DATE	TU-12	
SCALE	SIZE CODE DBS	NUMBER TU10-0-12	REV A	
SHEET 1 OF 2	DIST.			

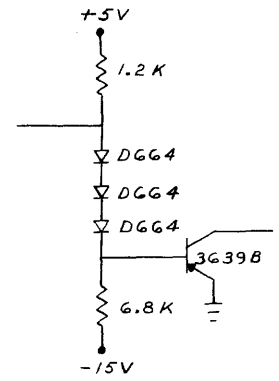
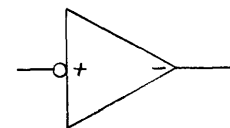
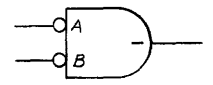
REVISIONS

CHK	CHANGE NO	REV
	TU10-00050	A
	4-9-71	
	J. HESS	

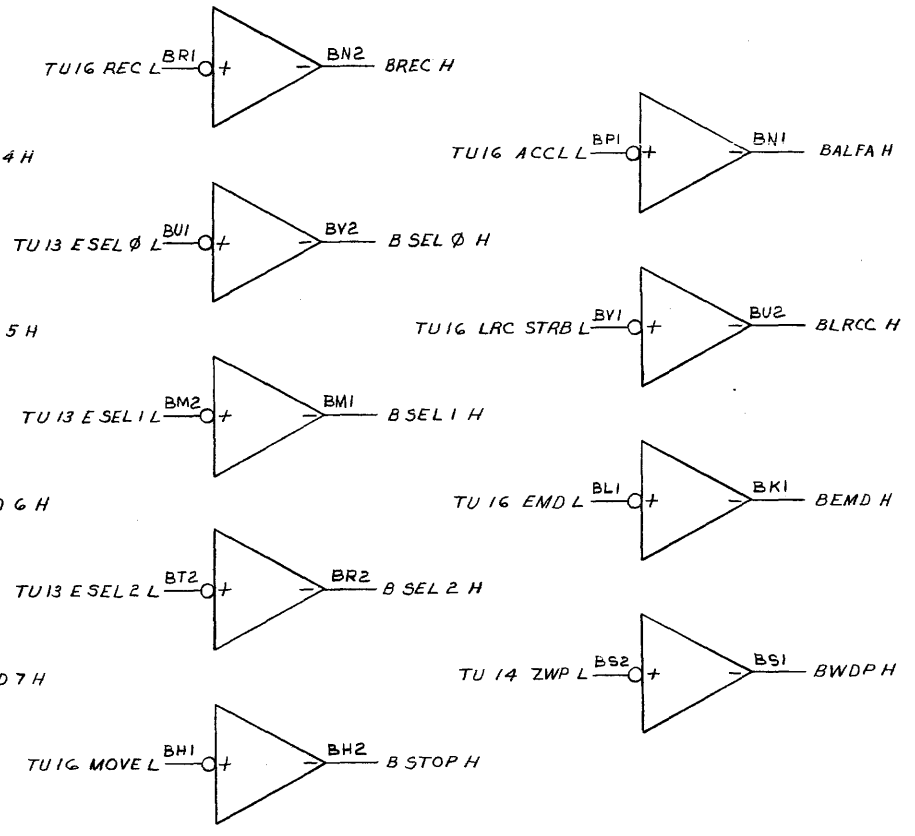
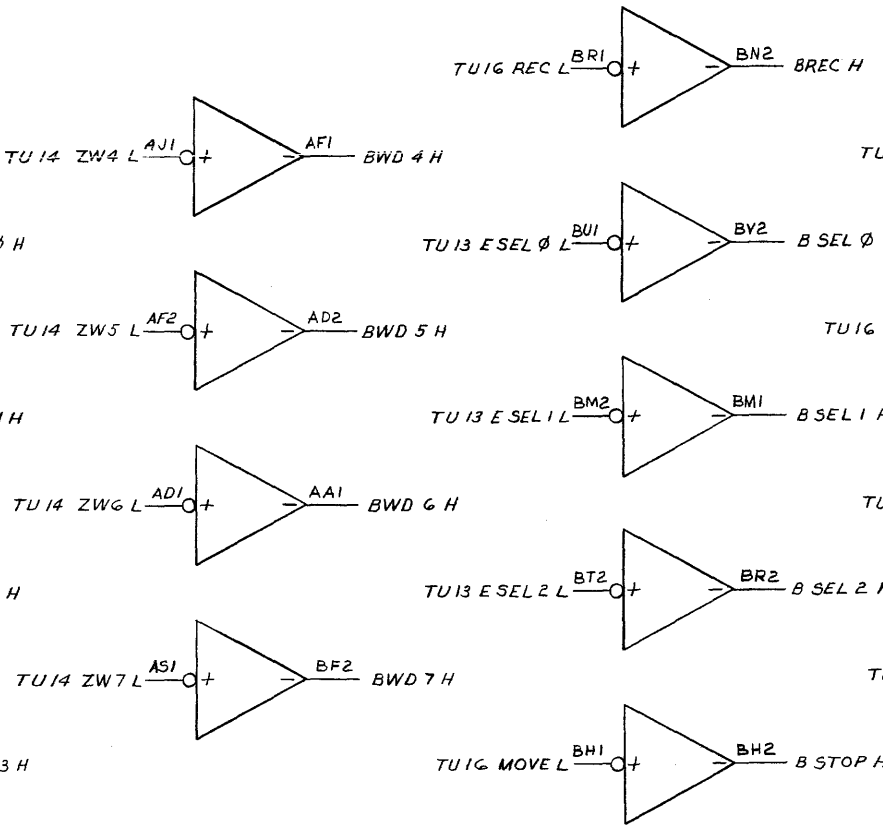
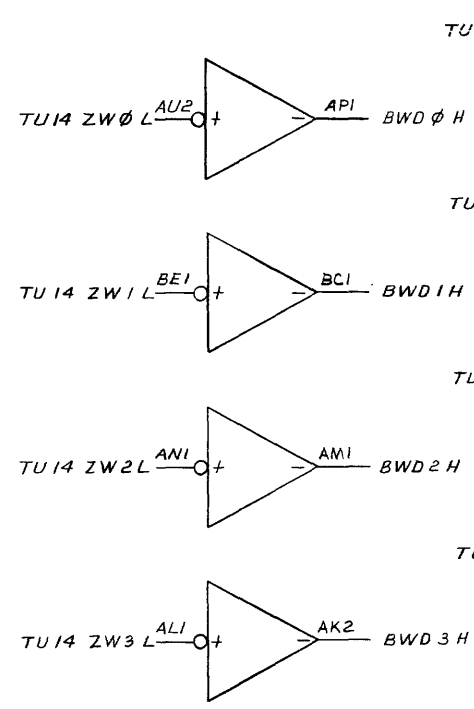
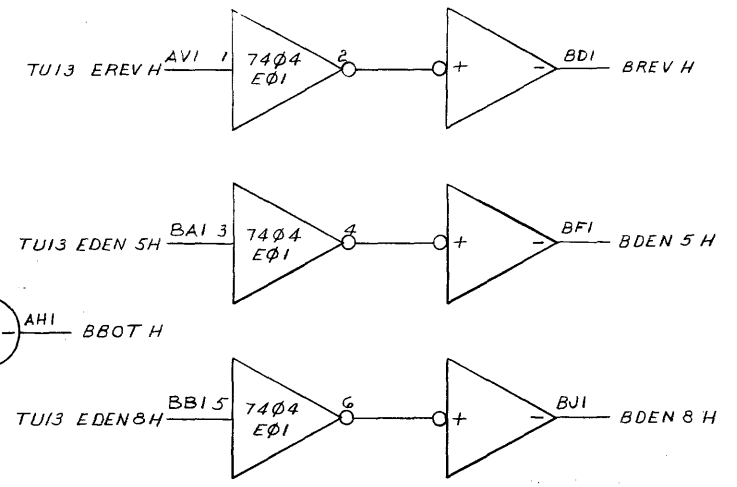
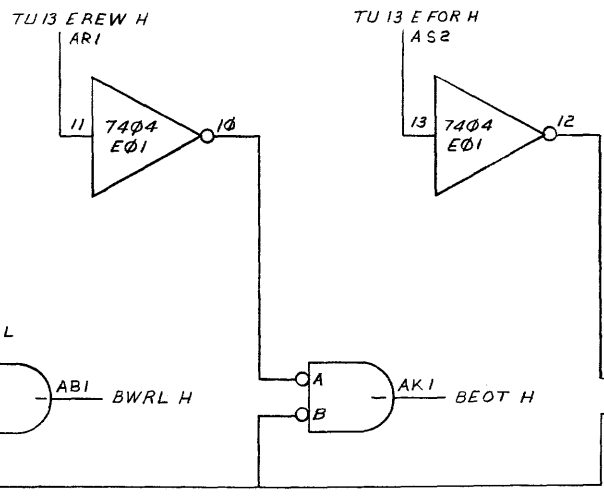
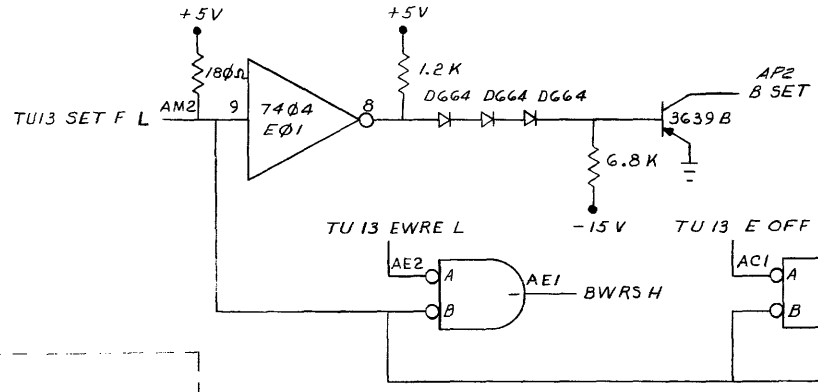
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TRUTH TABLE		
IN	B	OUT
A	B	GND
GND	+5V	-3V
+3V	GND	-3V
+3V	+3V	-3V



TRUTH TABLE	
IN	OUT
GND	GND
+3V	-3V

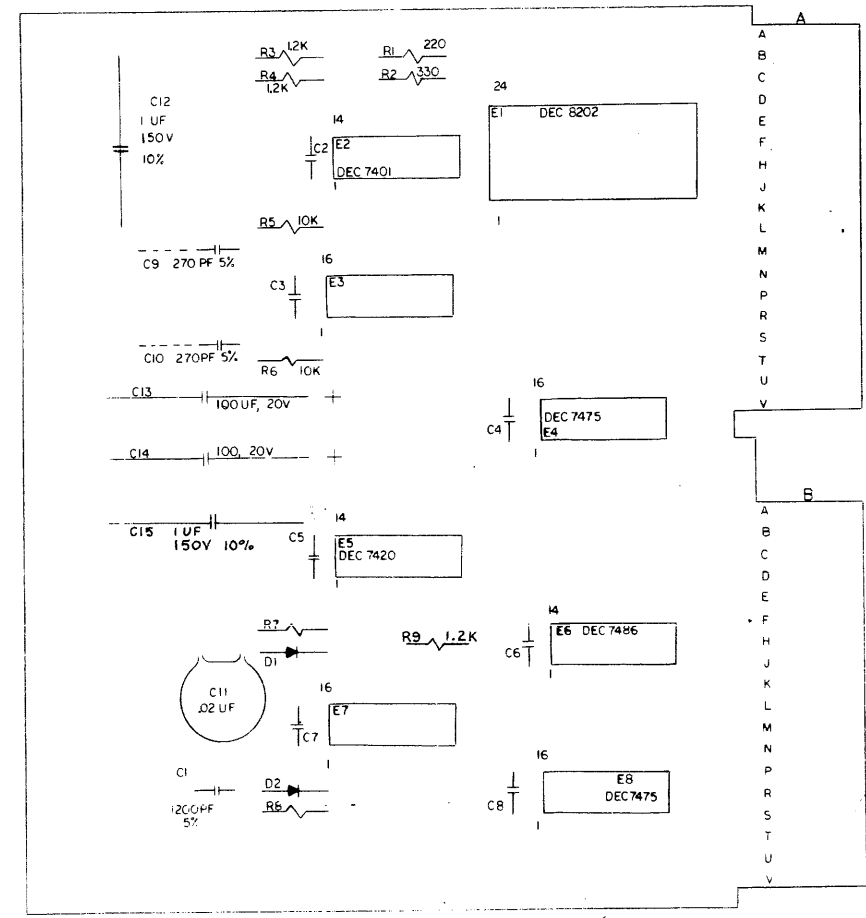


NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL GATES ARE M7G71 AND LOCATED IN SLOT AB14.

REV	CHANGE NO.

FIRST USED ON OPT/ MOD	QTY.	DESCRIPTION	PART NO.	ITEM NO.
TU10				
UNLESS OTHERWISE SPECIFIED				
DRN: J. Bissomette		DATE: 4-1-71	PARTS LIST	
CHKD: B. P. Bissomette		DATE: 2-6-71	digital EQUIPMENT CORPORATION	
ENG: J. Bissomette		DATE: 4-24-71	TITLE: MASTER BUS DRIVERS & INTERCONN	
PROJ. ENG: J. Bissomette		DATE: 4-19-71	TU-12	
PROD: B. P. Bissomette		DATE: 5-7-71	NEXT HIGHER ASSY: A-ML-TU10-0	
MATERIAL:		SCALE:	SIZE CODE: DBS TU10-0-12	NUMBER:
FINISH:		SHEET: 2 OF 2	DIST:	REV: A

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QTY.	REF. DESIGNATION	DESCRIPTION	DEC PART NO.	REV. NO.
2		HANDLE, FLIP CHIP - MAGENTA	9009337-06	25
4		EYELET, HANDLE	9006732	24
1	R1	I.C. DEC 8202	1910275	23
2	E3, 7	I.C. DEC 74123	1910436	22
1	E6	I.C. DEC 7486	1910011	21
2	E4, 8	I.C. DEC 7475	1909050	20
1	E2	I.C. DEC 7401	1905590	19
1	E5	I.C. DEC 7420	1905577	18
2	R7, 8	RES. 8.2K 1/4W 5%	1303179	17
3	R3, 4, 9	RES. 1.2K 1/4W 5%	1301320	16
2	R5, 6	RES. 10K 1/4W 5%	1300479	15
1	R2	RES. 330 1/4W 5%	1300295	14
1	R1	RES. 220 1/4W 5%	1300271	13
		GRIPLET	1210244-0	12
2	D1, 2	DIODE D664	1100114	11
2	C12, 15	CAP. 1UF 150V 10% FOIL	1000063	10
1	C1	CAP. 1200PF 100V 5% D.M.	1002619	9
7	C2 - C8	CAP. .01UF 100V 20% DISC	1001610	8
2	C9, 10	CAP. 270 100V 5% D.M.	1000022	7
1	C11	CAP. .02UF 100V -0 +20% DISC	1000004	6
2	C13, 14	CAP. 100UF 20V 10% TANT	1004815	5
1		ETCHED CIRCUIT BOARD	5009577	4
		MODULE ECC HIS	B-MH-M7672-0-6	3
		ASSY/DRILLING	D-AH-M7672-0-5	2
		X-Y COORDINATE LOCATION	K-CO-M7672-0-4	1
		DESCRIPTION	DEC PART NO.	
		PARTS LIST		

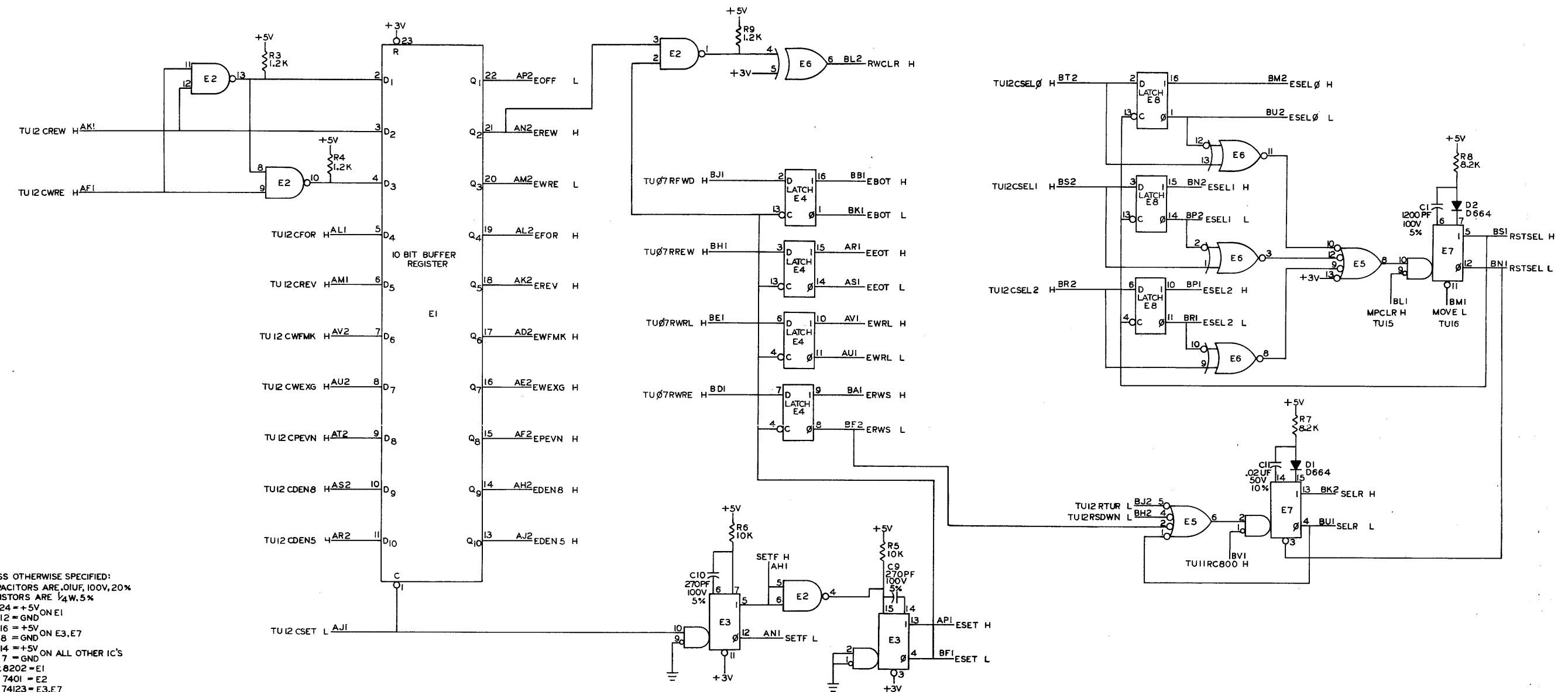
REV. NO.	DATE	BY	CHKD
1	10/10/71	W	W
2	11/1/71	W	W

DATE 2/19/71
DATE 11/1/71
DATE 5-1-71
DATE 11-1-71

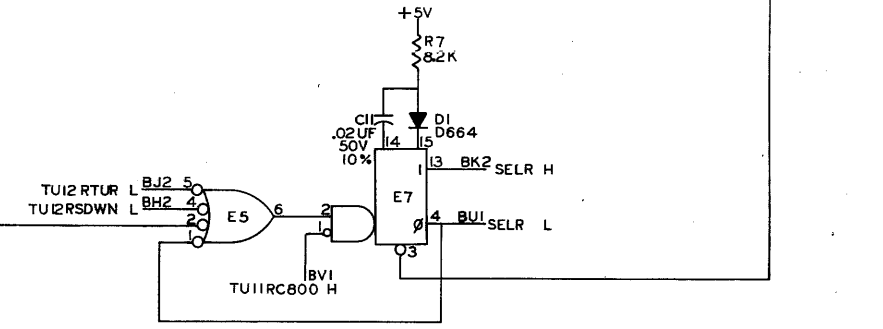
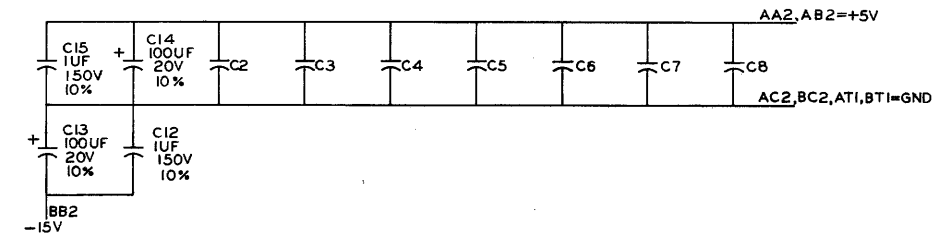
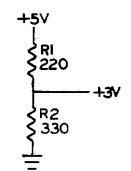
TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA

digital EQUIPMENT CORPORATION
 TITLE TU 10 COMMANDERS TU13
 SHEET 2 OF 2
 NUMBER 7672-0-1
 REV. A

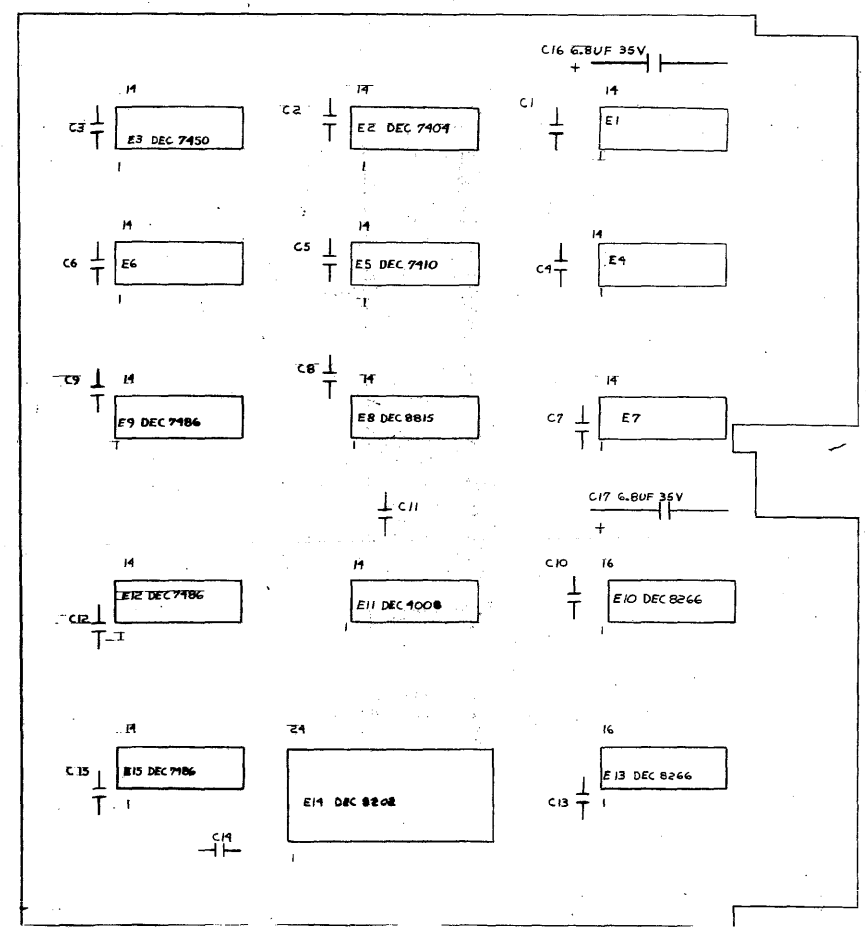
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UNLESS OTHERWISE SPECIFIED:
 CAPACITORS ARE .01UF, 100V, 20%
 RESISTORS ARE 1/4W, 5%
 PIN 24 = +5V ON E1
 PIN 12 = GND
 PIN 16 = +5V ON E3, E7
 PIN 8 = GND
 PIN 14 = +5V ON ALL OTHER IC'S
 PIN 7 = GND
 DEC 8202 = E1
 DEC 7401 = E2
 DEC 74123 = E3, E7
 DEC 7475 = E4, E8
 DEC 7420 = E5
 DEC 7486 = E6
 PIN 12 = GND ON E4, E8
 PIN 5 = +5V



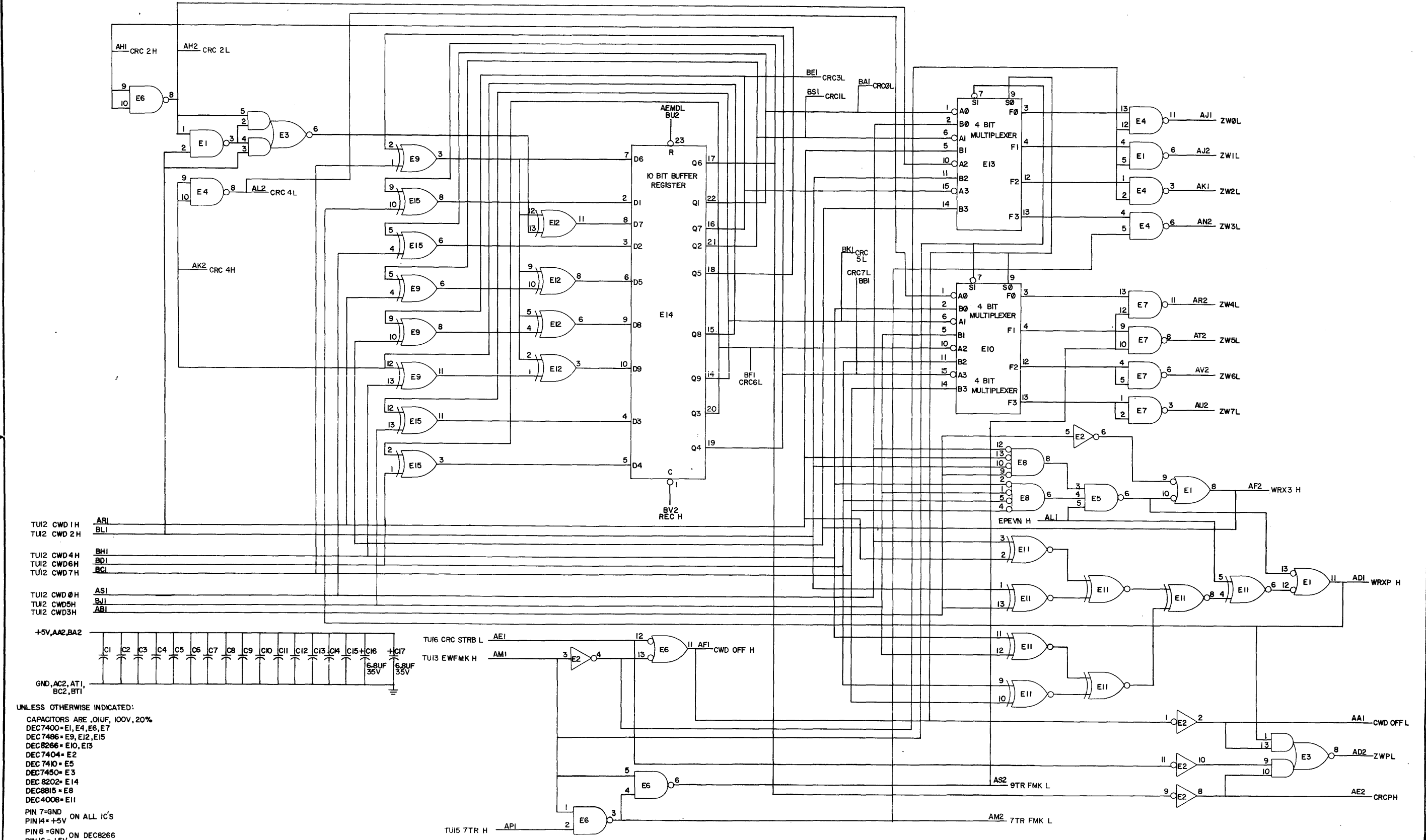
THIS SCHEMATIC IS FURNISHED ONLY FOR TEST AND MAINTENANCE PURPOSES. THE CIRCUITS ARE PROPRIETARY IN NATURE AND SHOULD BE TREATED ACCORDINGLY. COPYRIGHT 1971 BY DIGITAL EQUIPMENT CORPORATION.



A/R	DESCRIPTION	QTY	REF. DESIGNATION	DESCRIPTION	QTY	REF. DESIGNATION
4	HANDLE, EYELET	9006732	17			
2	HANDLE, FLIP CHIP - MAGENTA	9008337-06	16			
1	E14	I.C. DEC 8202	18			
1	E11	I.C. DEC 4008	14			
3	E12, 15, 9	I.C. DEC 7486	13			
2	E10, 13	I.C. DEC 8266	12			
1	E8	I.C. DEC 8815	11			
1	E2	I.C. DEC 7404	10			
1	E3	I.C. DEC 7450	9			
1	E5	I.C. DEC 7410	8			
1	E1, 4, 6, 7	I.C. DEC 7400	7			
15	C1 - 15	CAP. .01uF 100V 20%	6			
2	C16, 17	CAP. 6.8uF 35V 20%	5			
1		ETCHED CIRCUIT BOARD	5003536			
		ACC MODULE HISTORY	B-MH-M891-0-6			
		ASSY/DRILLING HOLD LAYOUT	D-AH-M891-0-5			
		X-Y COORDINATE HOLD LOCATION	K-CO-M891-0-4			
		DESCRIPTION	DEC PART NO.			
		PART LIST				

DESIGNED BY S. L. COOPER	DATE 1/15/71	TRANSISTOR & DIODE CONVERSION CHART		TITLE CRC AND WRITE GATING TU14
CHECKED BY C. R. ...	DATE 5/17/71	DEC	EIA	
ENG ...	DATE ...			DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS
PROD ...	DATE ...			
REVISIONS		SIZE D	CODE CS	NUMBER M891-0-1
CHK CHG NO REV		PRINTED CIRCUIT REV.		REV C

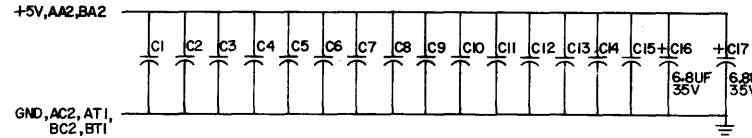
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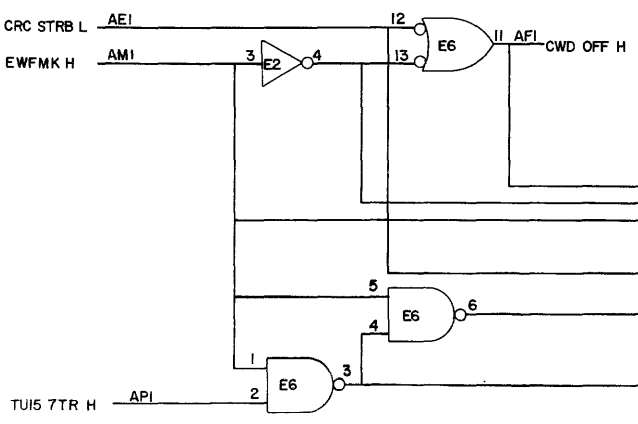
TU12 CWD 1H ARI
TU12 CWD 2H BLI

TU12 CWD 4H BH1
TU12 CWD 6H BD1
TU12 CWD 7H BCI

TU12 CWD 0H ASI
TU12 CWD 5H BJI
TU12 CWD 3H ABI



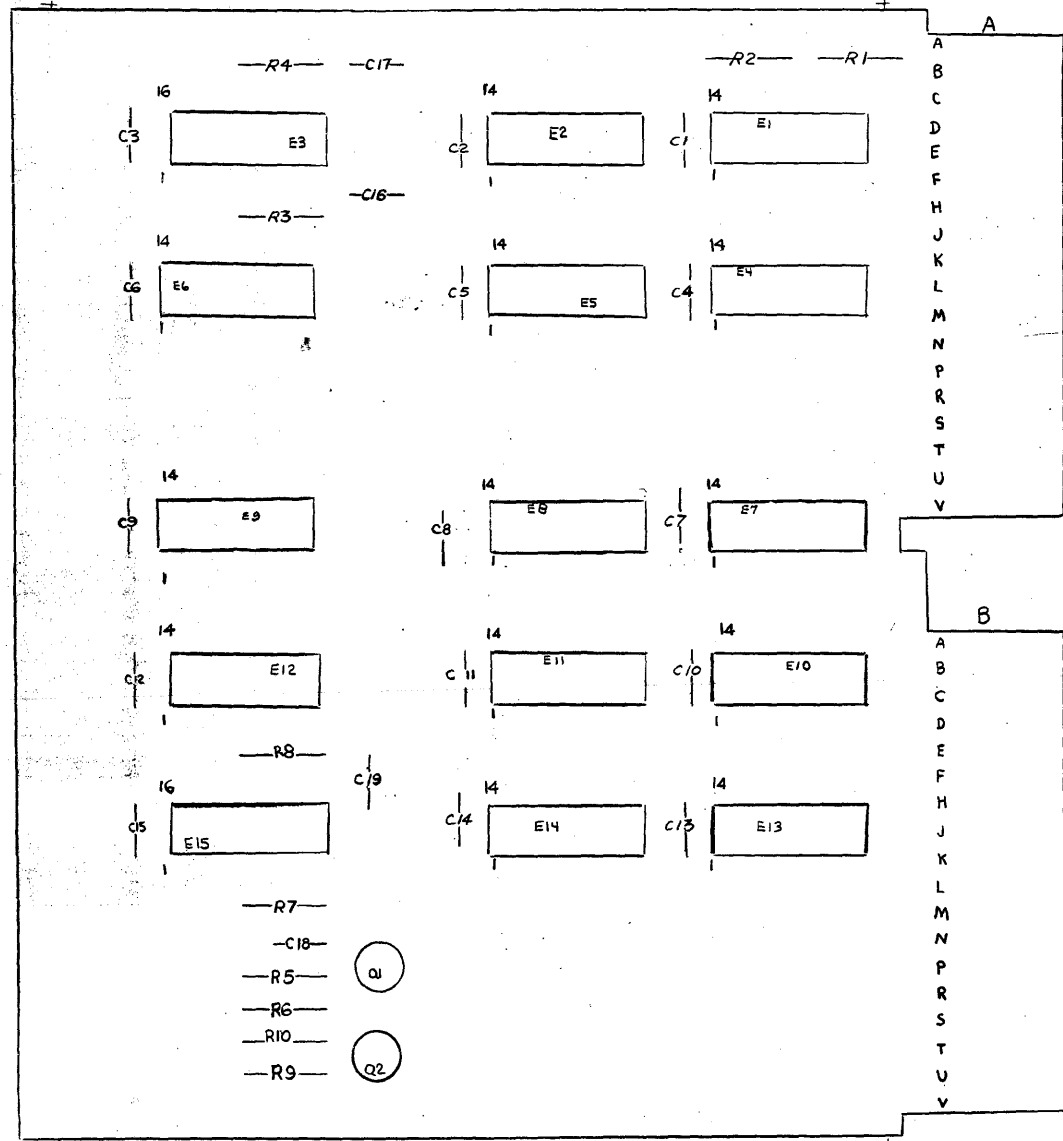
UNLESS OTHERWISE INDICATED:
CAPACITORS ARE .01UF, 100V, 20%
DEC 7400 = E1, E4, E6, E7
DEC 7486 = E9, E12, E15
DEC 8266 = E10, E13
DEC 7404 = E2
DEC 7410 = E5
DEC 7450 = E3
DEC 8202 = E14
DEC 8815 = E8
DEC 4008 = E11
PIN 7 = GND ON ALL IC'S
PIN 14 = +5V
PIN 8 = GND ON DEC 8266
PIN 16 = +5V
PIN 12 = GND ON DEC 8202
PIN 24 = +5V



REVISIONS CHK CRG NO REV.	DATE	TRANSISTOR & DIODE CONVERSION CHART				TITLE digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	NUMBER M891-0-1	REV. C
	DGN CHK'D ENG PROJ.	DATE 2-17-71 5/17/71 6/29/71 7/21/71	DEC	EIA	DEC			

TITLE: CRC AND WRITE GATING TU14
 PRINTED CIRCUIT REV. D

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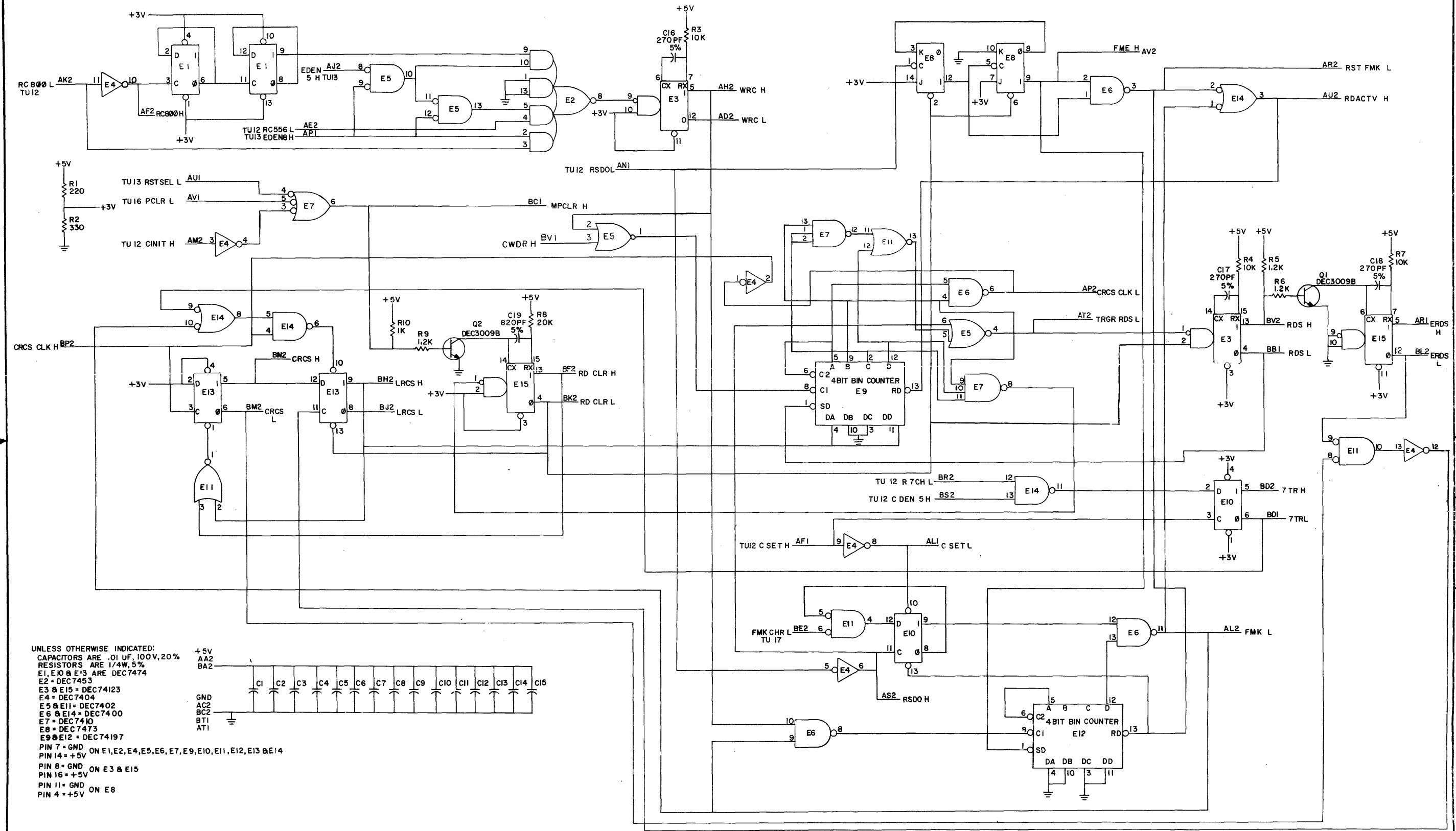
QTY.	REF DESIGNATION	DESCRIPTION	DEC PART NO.
2		TRANSISTOR, FLIP CHIP - MAGENTA	9008337-06
4		EYELET #G84-7	9006732
1	R8	I.C. DEC 7473	1905587
2	E3, 15	I.C. DEC 74123	1910436
2	E9, 12	I.C. DEC 74197	1910035
1	E4	I.C. DEC 7404	1909606
2	E5, 11	I.C. DEC 7402	1909084
1	E2	I.C. DEC 7453	1905582
1	E7	I.C. DEC 7410	1905576
2	E6, 14	I.C. DEC 7400	1905575
3	E1, 10, 13	I.C. DEC 7474	1905547
2	Q1, 2	TRANSISTOR DEC 3009B	1503100
1	R8	RES. 20K 1/4W 5%	1302391
3	R5, 6, 9,	RES. 1.2K 1/4W 5%	1301320
3	R3, 4, 7	RES. 10K 1/4W 5%	1300479
1	R10	RES. 1K 1/4W 5%	1300365
1	R2	RES. 330 1/4W 5%	1300295
1	R1	RES. 220 1/4W 5%	1300271
15	C1--15	CAP. .01UF 100V 20% DISC	1001610
1	C19	CAP. 820PF 100V 5% D.M.	1000027
3	C16, 17, 18	CAP. 270PF 100V 5% D.M.	1000022
1	500 9576	ETCHED CIRCUIT BOARD	5009576
		MODULE ECO HISTORY	B-MH-M895-0-6
		ASSY/DRILLING HOLE LAYOUT	D-MH-M895-0-5
		X-Y COORDINATE HOLE LOCATION	K-CO-M895-0-4
			MHC PART NO.
		PARTS LIST	

REV.	DATE	BY	CHKD
1	2-18-71	S. COOPER	

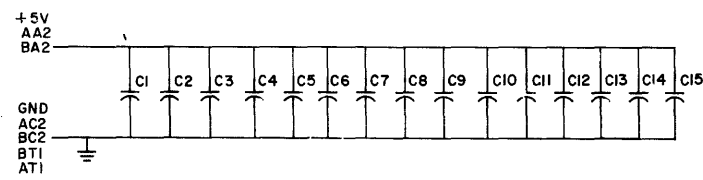
TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA

digital EQUIPMENT CORPORATION
 READ TIMING TU 15
 SIZE CODE M895-0-1
 NUMBER RPY J
 PRINTED CIRCUIT REV. H

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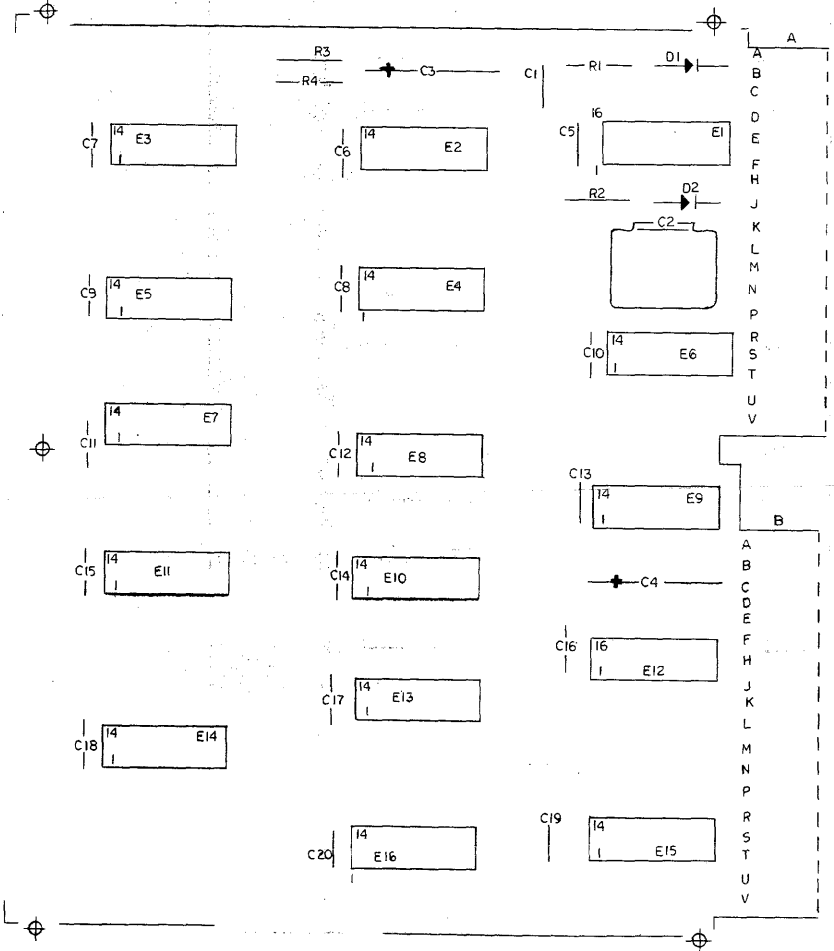
UNLESS OTHERWISE INDICATED:
CAPACITORS ARE .01 UF, 100V, 20%
RESISTORS ARE 1/4W, 5%
E1, E10 & E13 ARE DEC7474
E2 = DEC7453
E3 & E15 = DEC74123
E4 = DEC7404
E5 & E11 = DEC7402
E6 & E14 = DEC7400
E7 = DEC7410
E8 = DEC7473
E9 & E12 = DEC74197
PIN 7 = GND ON E1, E2, E4, E5, E6, E7, E9, E10, E11, E12, E13 & E14
PIN 14 = +5V
PIN 8 = GND ON E3 & E15
PIN 16 = +5V
PIN 11 = GND ON E8
PIN 4 = +5V



D E C S M 8 9 5 - 0 - 1

REVISIONS CHK CHG NO REV	DWN S. Cooper 2-19-71 CHWD DATE 4/18/71 ENE DATE 5-1-71 PROD. DATE 10/1/71	TRANSISTOR & DIODE CONVERSION CHART				digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE READ TIMING TU15	
	DEC 7009 B NONE	DEC EIA NONE	DEC EIA	DEC EIA	DEC EIA		SIZE D CODE CS NUMBER M895-0-1	REV J

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QTY.	REF DESIGNATION	DESCRIPTION	DEC PART NO.	REV
2		MODULE, FLIP CHIP - MAGENTA	9008337-06	22
4		EYELET #GG4-7	9006732	21
1	R12	I.C. DEC 8266	1909934	20
3	E9, 10, 15	I.C. DEC 7400	1905575	19
2	E8, 16	I.C. DEC 7474	1905547	18
3	E4, 8, 13	I.C. DEC 7402	1909904	17
5	E3, 5, 7, 11, 14	I.C. DEC 74197	1910035	16
1	E2	I.C. DEC 7440	1905579	15
1	E1	I.C. DEC 74123	1916494	14
1	R4	RES. 330 Ω 5%	1300295	13
1	R3	RES. 220 Ω 5%	1300271	12
1	R2	RES. 7.5K Ω 5%	1301422	11
1	R1	RES. 1.8K Ω 5%	1300398	10
2	D1, 2	DIODE D664	1100114	9
16	C5 thru C20	CAP. .01UF 100V 20% DISC	1001610	8
2	C3, 4	CAP. 6.8UF 35V 20% S. TANT	1000067	7
1	C2	CAP. 2700PF 100V 5%	1001637	6
1	C1	CAP. 1200PF 100V 5%	1002424	5
1		ETCHED CIRCUIT BOARD	9009894	4
		MODULE ECO HISTORY	8-MS-1892-0-6	3
		ASSY/DRILLING HOLE LAYOUT	D-AH-1892-0-5	2
		K-Y COORDINATE HOLE LOCATION	K-CO-1892-0-4	1
		DEC PART NO.		
		PARTS LIST		
				SHEET 1 OF 2

REVISIONS	DATE	BY	DESCRIPTION
1	2-23-71	Nancy Moore	Initial Design
2	4-29-71	W. J.
3	5-11-71
4	7-1-71

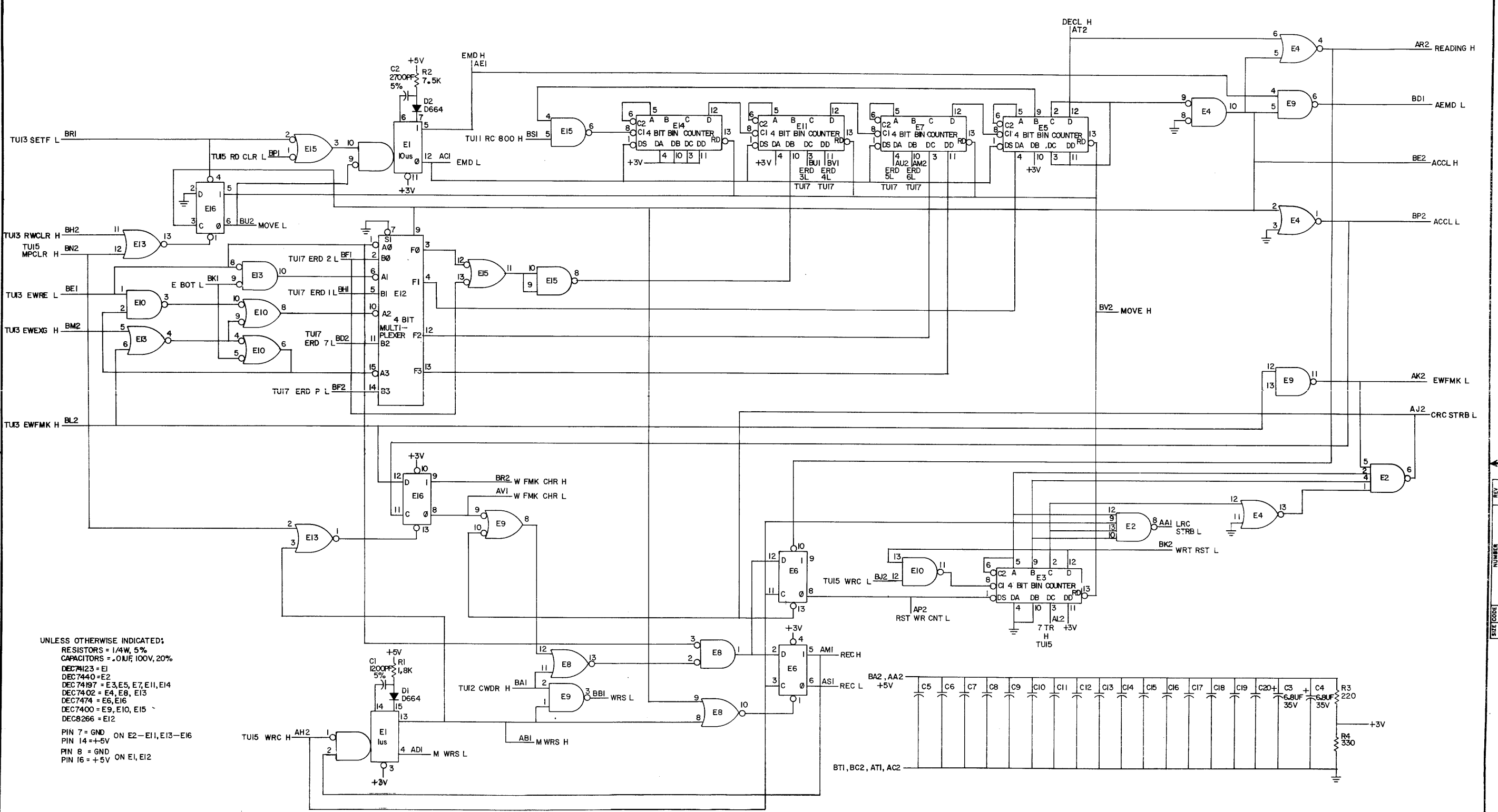
TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA

digital EQUIPMENT CORPORATION
MAYFORD, MASSACHUSETTS

TITLE: TU10 WRITE & GAP TIMING TU16
NUMBER: M892-0-1
REV: E
SHEET 1 OF 2

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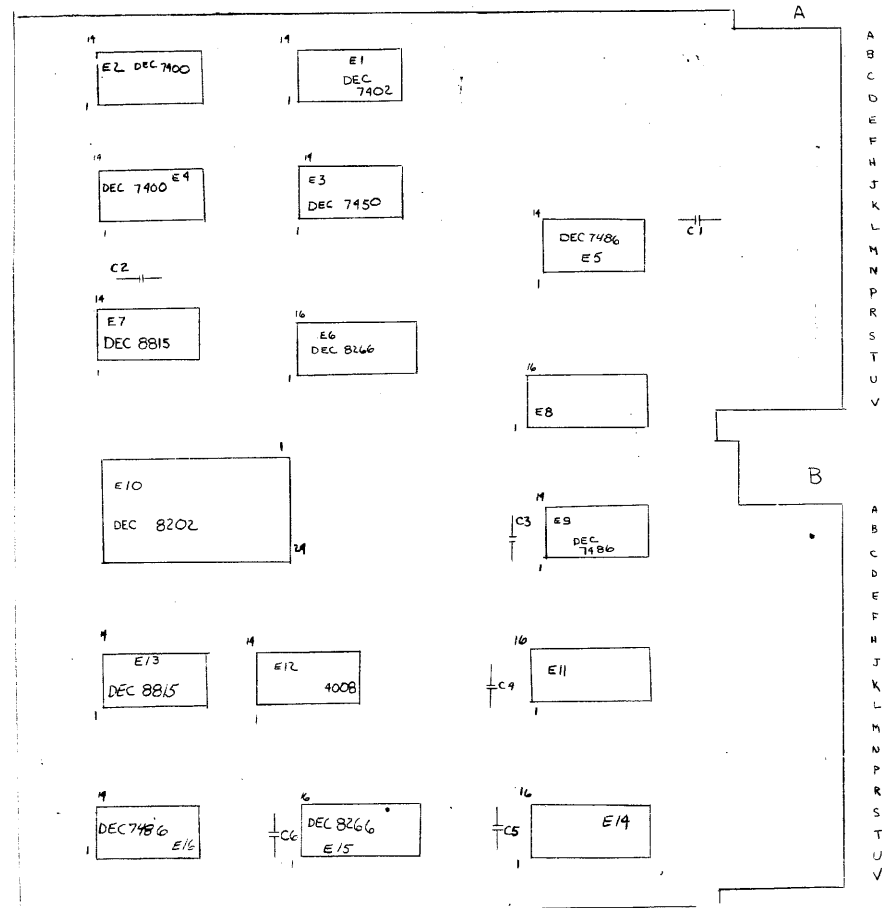


- UNLESS OTHERWISE INDICATED:
 RESISTORS = 1/4W, 5%
 CAPACITORS = .01UF, 100V, 20%
 DEC7423 = E1
 DEC7440 = E2
 DEC74197 = E3, E5, E7, E11, E14
 DEC7402 = E4, E8, E13
 DEC7474 = E6, E16
 DEC7400 = E9, E10, E15
 DEC8266 = E12
 PIN 7 = GND ON E2-E11, E13-E16
 PIN 14 = +5V
 PIN 8 = GND
 PIN 16 = +5V

SHEET 2 OF 2
 M892-0-1
 CS
 CS
 CS

REVISIONS		DATE		TRANSISTOR & DIODE CONVERSION CHART		TITLE	
ENG	DATE	DEC	EIA	DEC	EIA	TU10 WRITE & GAP TIMING TU16	
CHK	DATE	D664	1N3606			EQUIPMENT CORPORATION	
				MAYNARD, MASSACHUSETTS		SIZE	NUMBER
						D	CS
						M892-0-1	
						REV	E
						PRINTED CIRCUIT REV.	

ALL DIMENSIONS FOR THIS UNIT FOR TEST AND MAINTENANCE PURPOSES. THE RESULTS ARE PROPRIETARY IN NATURE AND SHOULD BE TREATED ACCORDINGLY. COPYRIGHT 1969 BY DIGITAL EQUIPMENT CORPORATION



QTY.	REF DESIGNATION	DESCRIPTION	PARTS LIST	SHEET OF 2
2		HANDLE, FLIP CHIP - MAGNETA	9008337-06	16
4		EYELET #GSA-7	9006732	15
3	E5, 9, 16	I.C. DEC 7486	1910011	14
1	E10	I.C. DEC 8202	1910275	13
1	E12	I.C. DEC 4008P	1910270	12
2	E6, 15	I.C. DEC 8266	1909934	11
2	E7, 13	I.C. DEC 8815	1909713	10
3	E8, 11, 14	I.C. DEC 7475	1909050	9
1	E1	I.C. DEC 7402	1909004	8
1	E3	I.C. DEC 7450	1905580	7
2	E2, 4	I.C. DEC 7400	1905575	6
6	C1 - C6	CAP. .01UF 100V 20% DISC	1001610	5
1		ETCHED CIRCUIT BOARD	5009569	4
		MODULE ECO HISTORY	B-MI-M7673-0-6	3
		ASSY/DRILLING HOLE LOCATION	-AH-M7673-0-5	2
		X-Y COORDINATE HOLE LOCATION	CO-M7673-0-4	1
		EC PART NO.		

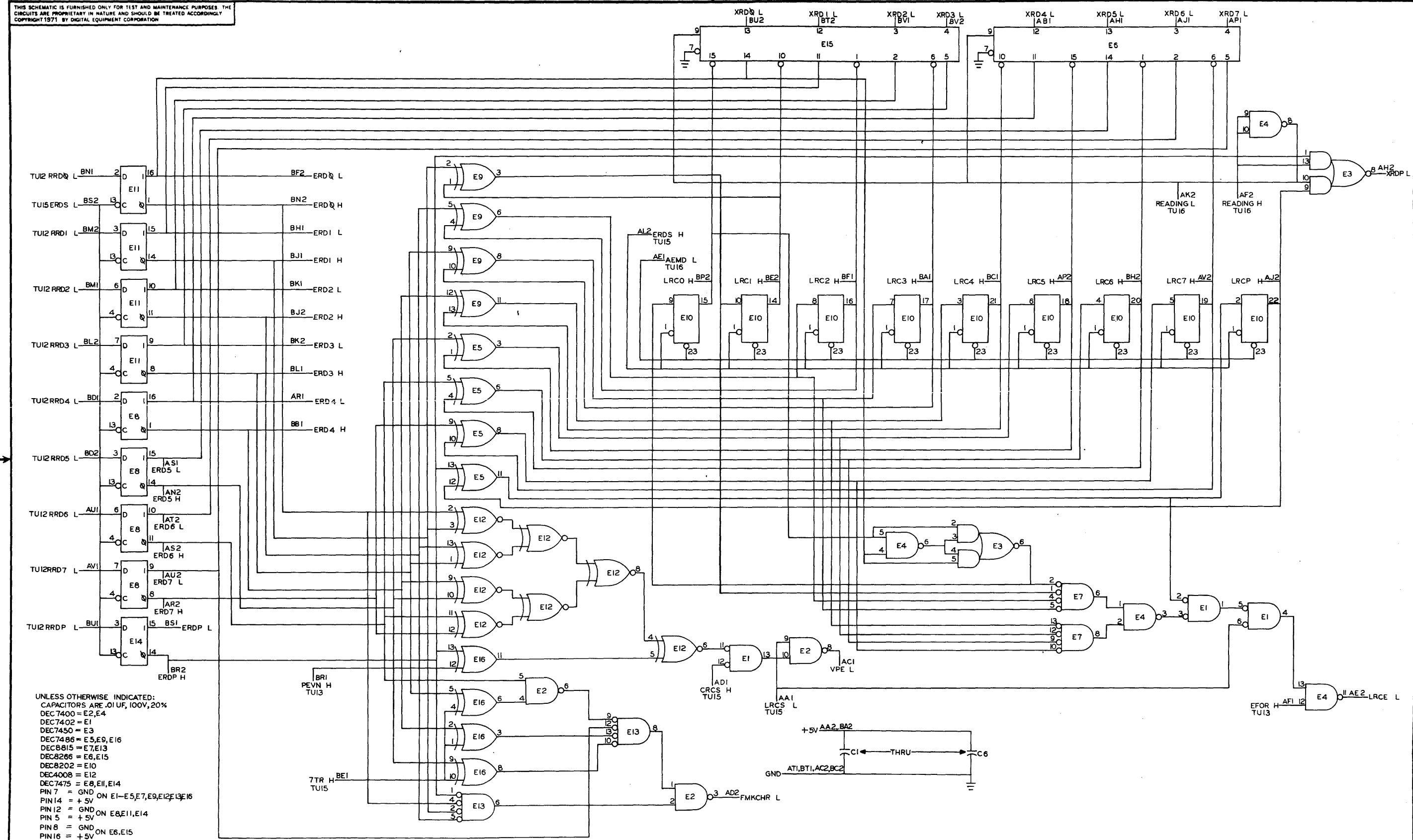
REVISIONS	CHG NO	REV

DESIGN	DATE
<i>John P. Dowd</i>	4/1/71
<i>Chadway</i>	1/28/71
<i>H. J. ...</i>	...
<i>...</i>	...

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA

digital EQUIPMENT CORPORATION
 TITLE: DATA CENTER TU17
 SIZE: D CS
 NUMBER: M7673-0-1
 REV: A

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UNLESS OTHERWISE INDICATED:
 CAPACITORS ARE .01UF, 100V, 20%
 DEC7400 = E2, E4
 DEC7402 = E1
 DEC7450 = E3
 DEC7486 = E5, E9, E16
 DEC8815 = E7, E13
 DEC8266 = E6, E15
 DEC8202 = E10
 DEC4008 = E12
 DEC7475 = E8, E11, E14
 PIN 7 = GND ON E1-E5, E7, E9, E12, E13, E16
 PIN 14 = +5V
 PIN 12 = GND ON E8, E11, E14
 PIN 5 = +5V
 PIN 8 = GND ON E6, E15
 PIN 16 = +5V
 PIN 12 = GND
 PIN 24 = +5V ON E10

REVISIONS	CHK	CHK NO	REV

DATE	BY
4/28/71	
DATE	BY
5-1-71	
DATE	BY
7/2/71	

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA

SHEET 2 OF 2

digital EQUIPMENT CORPORATION
 NAYARD, MASSACHUSETTS

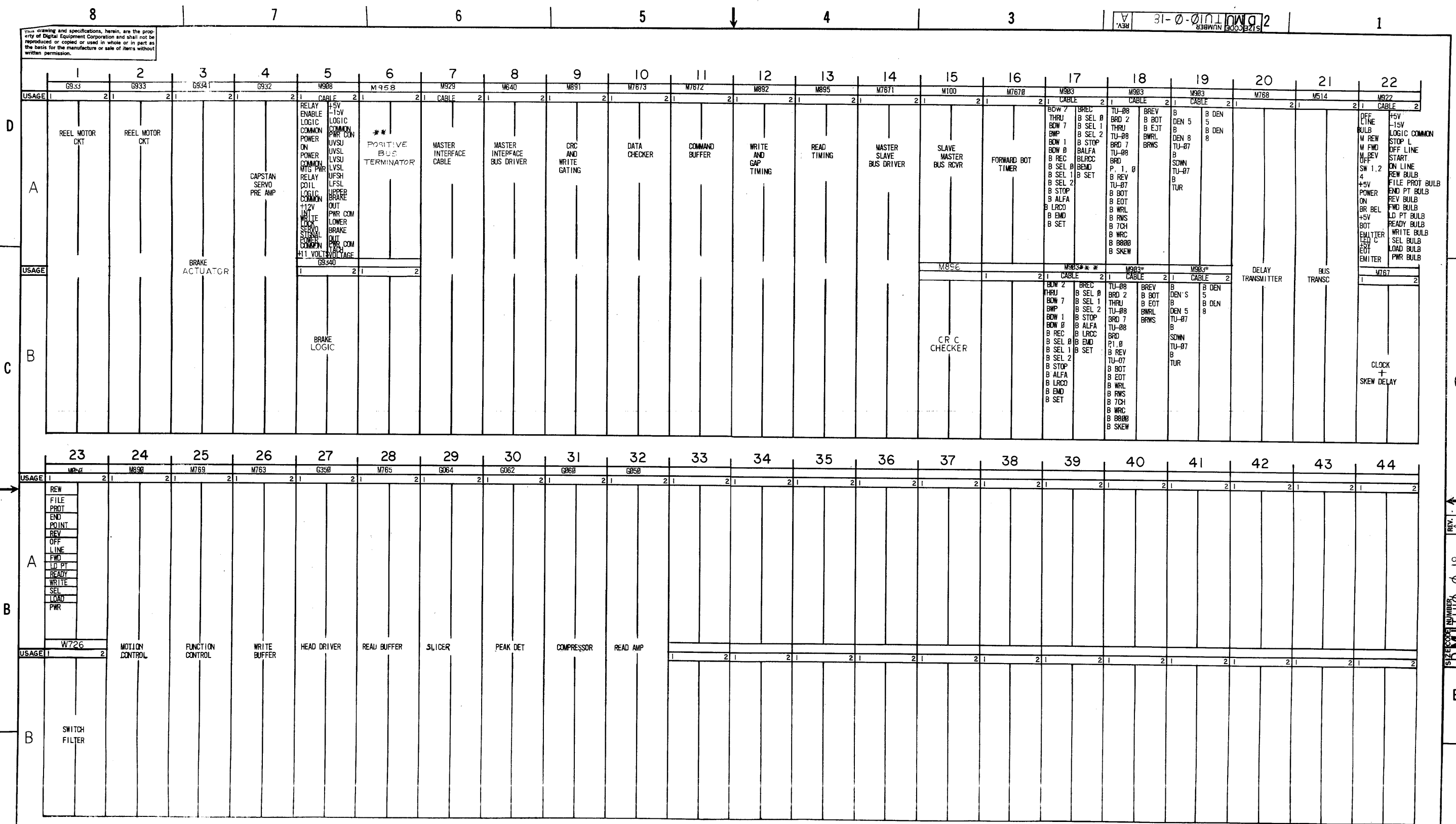
TITLE: TU-10 DATA CHECKER TU17

SIZE	CODE	NUMBER	REV.
D	CS	M7673-0-1	A

PRINTED CIRCUIT REV. B

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS PARTS LIST				QUANTITY / VARIATION											
MADE BY R.J.EMMA		CHECKED <i>Devin</i>	SECTION												
DATE 2/18/71		DATE 4-15-71	1												
ENG <i>John R. Hen</i>		PROD <i>BE Corp</i>	ISSUED SECT.												
DATE 4-26-71		DATE 5-7-71	1												
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION													
	G050	DUAL GAP HEAD READ AMP		1											
	G060	MAG TAPE COMPRESSOR, 9 TRACK		1											
	G062	MAG TAPE PEAK DITECTOR, 9TRACK		1											
	G064	MAG TAPE SLICER, 9TRACK		1											
	G350	MAG TAPE WRITE DRIVER		1											
	G741	NEG CLAMP LOAD		2											
	G932	CAPSTAN SERVO PRE AMP		1											
	G933	REEL MOTOR AMP		2											
	M050	INVERTER DRIVER		1											
	M514	TU10 TRANSCEIVER		1											
	W726	SWITCH FILTER		1											
	M763	9 TRACK WRITE BUFFER		1											
	M765	9 TRACK READ BUFFER		1											
	M767	CLOCK & SKEW DELAY		1											
	M768	DELAY SELECTOR		1											
	M769	FUNCTION CONTROL		1											
	M890	MOTION CONTROL		1											
	G9341	BRAKE ACTUATOR		1											
	M7670	FORWARD BOT TIMER		1											
	G9340	BRAKE LOGIC		1											
	M640	BUS DRIVER		1											
	M891	CRC AND WRITE GATING		1											
TITLE MODULE UTILIZATION (PL)		ASSY NO. D-MU-TU10-0-18		SIZE CODE A PL		NUMBER TU10-0-18			REV. A		ECO NO. TU10-00050				
		SHEET 1 OF 2		DIST.											

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS PARTS LIST				QUANTITY / VARIATION											
MADE BY R.J.EMMA		CHECKED <i>Devin</i>	SECTION												
DATE 2/18/71		DATE 4-15-71	1												
ENG <i>John R. Hen</i>		PROD <i>BE Corp</i>	ISSUED SECT.												
DATE 4-26-71		DATE 5-7-71	1												
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION													
	M892	WRITE AND GAP TIMING		1											
	M7673	DATA CHECKER		1											
	M7672	COMMAND BUFFER		1											
	M895	READ TIMING		1											
	M7671	BUS DRIVER		1											
	M100	BUS RECEIVER		1											
	M958	POSITIVE BUS TERMINATOR		1											
	G741YA	NEG. CLAMP LOAD		1											
	M896	CRC CHECKER		1											
TITLE MODULE UTILIZATION (PL)		ASSY NO. D-MU-TU10-0-18		SIZE CODE A PL		NUMBER TU10-0-18			REV. A		ECO NO.				
		SHEET 2 OF 2		DIST.											



REV	A
CHANGE NO.	CC050
CHK	TUI0-0-18

* FOR UNITS ON END OF BUS USE G741
 ** NOT REQUIRED WHEN TMI CONTROL IS USED.
 *** FOR UNITS ON END OF BUS USE G741 X2

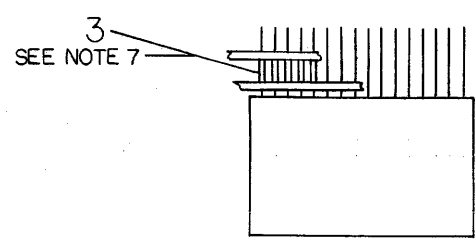
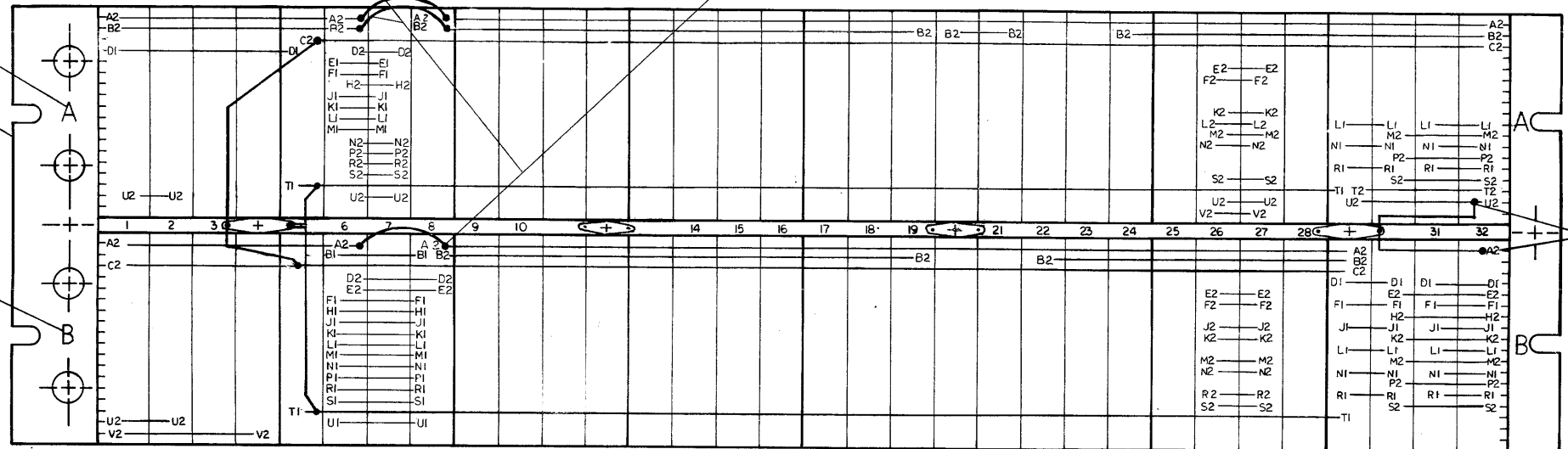
FIRST USED ON OPTION/MODEL TUI0	DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	DRN: [Signature] DATE: 4-2-71	
REVISIONS	DECIMALS = 0.005 FRACTIONS = 1/64 ANGLES = 0/30 FINAL SURFACE QUALITY 1 REMOVE BURRS AND BREAK SHARP CORNERS	ENG: [Signature] DATE: 4-2-71 PROJ. ENG: [Signature] DATE: 4-2-71 PROD: [Signature] DATE: 5-1-71	
MATERIAL	NEXT HIGHER ASSY H-ML-TUI0-EH	TITLE MODULE UTILIZATION	
FINISH	SCALE: 1/1	SHEET: 1 OF 1 SIZE CODE: D MU TUI0-0-18 NUMBER: [Blank] REV: A	

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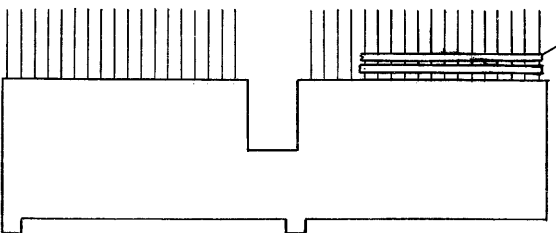
HORIZONTAL BUSSING, 2ND LEVEL				B SIDE (CONTINUED)	
A SIDE		B SIDE		CONNECTIONS	
FROM	TO	FROM	TO	FROM	TO
A29 L2	A31 L2	B29 D2	B31 D2	B06 L2	B08 L2
A29 N2	A31 N2	B29 F2	B31 F2	B06 M2	B08 M2
A29 R2	A31 R2	B29 J2	B31 J2	B06 N2	B08 N2
A26 T2	A27 T2	B29 L2	B31 L2	B06 P2	B08 P2
		B29 N2	B31 N2	B06 R2	B08 R2
		B29 R2	B31 R2	B06 S2	B08 S2
		B06 A1	B08 A1	B06 T2	B08 T2
		B06 C1	B08 C1	B06 U2	B08 U2
		B06 F2	B08 F2		
		B06 K2	B08 K2		

VERTICAL BUSSING, 2ND LEVEL			
A SIDE		B SIDE	
FROM	TO	FROM	TO
A32 M2	A32 P2	B32 A2	B32 C2
A32 P2	A32 S2	B32 C2	B32 F2
A32 S2	A32 U2	B32 F2	B32 H2
		B32 H2	B32 K2
		B32 K2	B32 M2
		B32 M2	B32 P2
		B32 P2	B32 S2

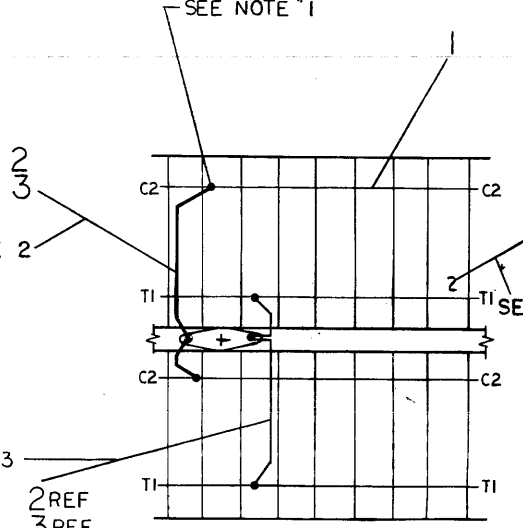
- NOTES:
- CONNECTIONS ON ITEM NUMBER 1 & 2 TO BE LOCATED AND SOLDERED AT MINIMUM PRACTICAL HEIGHT ABOVE BLOCKS.
 - ALL CONNECTOR BLOCKS TO BE GROUNDED TO GROUND LUGS AS SHOWN.
 - JUMPER GROUND BUSSING AS SHOWN, 8 PLACES.
 - USE YELLOW WIRE (ITEM #4) FOR MACHINE WRAPPED AND BLUE WIRE (ITEM #5) FOR HAND WRAPPED WIRING.
 - SOLDER GND WIRING AS SHOWN AFTER COMPLETING VERTICAL BUSSING
 - VERTICAL BUS WIRE TO BE SOLDERED AT EVERY PIN.
 - ITEM NO. 3 (NO.22 TUBING) TO BE CUT .12 LG. AND INSTALLED AS INSULATION BETWEEN HORIZONTAL BUSSING LEVELS. NO INSULATION BETWEEN VERTICAL BUSSING LEVEL.



SECOND LEVEL BUSSING (HORIZONTAL) VIEW A-A



SECOND LEVEL BUSSING (VERTICAL) VIEW B-B



DETAIL A
3 PLACES
SEE NOTE 2

REV	DATE	BY	CHK	DESCRIPTION
1	7-27-70	A. Bardone	J. Bardone	REVISED
2	7-27-70	A. Bardone	J. Bardone	REVISED
3	7-27-70	A. Bardone	J. Bardone	REVISED
4	7-27-70	A. Bardone	J. Bardone	REVISED
5	7-27-70	A. Bardone	J. Bardone	REVISED
6	7-27-70	A. Bardone	J. Bardone	REVISED
7	7-27-70	A. Bardone	J. Bardone	REVISED

ITEM NO.	DESCRIPTION	FROM	TO	SIGNAL
9	24 RED	A22B2	A19B2	-15V
		B22B2	B19B2	-15V
		A20B2	B20B2	-15V INT
		A20B2	A16H2	-15V INT
9	24 RED	A22B2	A25B2	-15V

ITEM NO.	DESCRIPTION	PART NO.	QTY.
1	WIRED ASS'Y TUIØ		

DO NOT SCALE DRAWING	DATE: 7-27-70	BY: J. Bardone	CHK: J. Bardone
UNLESS OTHERWISE SPECIFIED	DATE: 7-27-70	DATE: 7-27-70	DATE: 7-27-70
DIMENSIONS IN INCHES	TOLERANCES	ANGLES	FINISH
DECIMALS ± .005	FRACTIONS ± 1/16	± 0°30'	REMOVE BURRS AND BREAK SHARP CORNERS
MATERIAL	FINISH	SCALE: NONE	SHEET: 1 OF 1

REVISIONS	CHANGE NO.	REV	DATE	BY	CHK	DESCRIPTION
1	1	A	7-27-70	A. Bardone	J. Bardone	REVISED


DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS PARTS LIST				QUANTITY/VARIATION												
MADE BY R. ROBICHAUD		CHECKED J. FLEMING		SECTION												
DATE 12-1-70		DATE 12-22-70		1												
ENG DATE 2/18/71		PROD BE Gms		ISSUED SECT.												
DATE 2-19-71		DATE 2-19-71		1												
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION														
1	1205541	FUS STRIP				A/R										
2	9107560-01	#22 AWG BUS WIRE				A/R										
3	9107265	#22 AWG TUBING, TEFLON WHITE				A/R										
4	9105740-44	WIRE, #30 AWG SOLID KYNAR INS (YEL)				A/R										
5	9105740-66	WIRE, #30 AWG SOLID KYNAR INS (BLU)				A/R										
6	B-DC-5308753-2-0	21 POINT DECALS				A/R										
7	D-AD-5404491-0-0	H911 MTG PANEL				1										
8	B-DC-5308753-4-0	21 POINT DECALS				A/R										
TITLE WIRED ASSY TUIJ		ASSY NO. D-AD-7006755-0-0		SIZE CODE A PL		NUMBER 7006755-0-0				REV D			ECO NO DCC64			
SHEET 1		OF 1		DIST												

DEC FORM NO 16 1031
DRA 110

DRWG NO
K-WL-TUI ϕ - ϕ -2

REVLTR
H

REVISIONS			
REV LTR	ECO NO	DATE	ENG
A	TUI ϕ -00029	3/24/71	P.B.
B	TUI ϕ -00030	4-26-71	P.B.
C	TUI ϕ -00037	5-24-71	P.B.
D	TUI ϕ -00042	6-21-71	P.B.
E	TUI ϕ -00049	9-10-71	P.B.
F	TUI ϕ -00064	8-1-72	P.B.
H	TUI ϕ -00072	3-22-73	P.B.

DRAWN A. Ramondi CHECKED M. Kogalany DATE 2-17-71 DATE 2/17/71 DATE 2/22/71	DATE 2-17-71 DATE 2/17/71 DATE 2/22/71	 digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE WIRE LIST (TUI ϕ)
ASSY NO D-AD-7006755-0-0	FOR TAPE # FILE *	SIZE CODE DWG. NO. K WL TUI ϕ - ϕ -2	REV LTR H
SCALE NONE	SHEET 1 OF 1	DIST.	

D. B. Lewis 2/22/71
B. E. Lewis 2-23-71

TU10.H(NEW)		WRP288,V17(17) 06/22/72				25-APR-73		23144	PAGE 1						
RUN NAME	A/P	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
		NAME	PIN	ORDER											
+11V		A05S1		1-01 *							1	VAC SW + PWR CONT			1
+11V		A16T2		1-02 *								FORWARD BOT TIMER			1
+11V				1									9-0/8		1
+12V		A01U2		1-01 *	2			R1			2	LOWER REEL MOTOR B			2
+12V		B01U2		1-02 *							1	LOWER REEL MOTOR B			2
+12V		B24U2		1-03 *							2	VAC SW+OWR CONT CO			2
+12V		B02U2		1-04 *							1	UPPER REEL MOTOR B			2
+12V		A02U2		1-05 *				R1			2	UPPER REEL MOTOR B			2
+12V		A16S2		1-05 *							1	FORWARD BOT TIMER			2
+12V		A04U2		1-07 *							2	CAPSTAN SERVO AMP			2
+12V		A01S1		1-08 *						I	1				2
+12V		A01U2		1-09 *						I		LOWER REEL MOTOR B			2
+12V				1									67-2/8		2
+12V INT		A05H1		1-01 *				R1			1	VAC SW+PWR CONT CO			3
+12V INT		B02S2		1-02 *				R1			2	UPPER REEL MOTORAM			3
+12V INT		B01S2		1-03 *				R1				LOWER REEL MOTORAM			3
+12V INT				1									11-4/8		3
+5V		A01A2		1-01 *							2	LOWER REEL MTR AMP			4
+5V		B01A2		1-02 *	H						1	LOWER REEL MOTORAM	HAND WIRE		4
+5V		A04A2		1-03 *							2	CAPSTAN SERVO AMP	TO HERE		4
+5V		B04A2		1-04 *	H						1	CAPSTAN SERVO AMP	HAND WIRE		4
+5V		A17A2		1-05 *							2	I/O BUS CONN 1 IN	TO HERE		4
+5V		B17A2		1-06 *	H						1	I/O BUS CONN 1 OUT	HAND WIRE		4
+5V		A22A2		1-07 *							2	CONTROL PANEL CABL	TO HERE		4
+5V		A22K1		1-08 *							1	TRANS PANEL CABLE			4
+5V		A22P1		1-09 *							2	TRANS PANEL CABLE			4
+5V		A22U1		1-10 *							1	TRANS PANEL CABLE			4
+5V		B22A2		1-11 *	H						2	CLOCK + SKEW DELAY	HAND WIRE		4
+5V		A29A2		1-12 *							1	SLICER	TO HERE		4
+5V		B26A2		1-13 *								HEAD BUFFER			4
+5V				1									73-2/8		4
-12V		A04V2		1-01 *							1	CAPSTAN SERVO AMP			5
-12V		B04V2		1-02 *	H						2	CAPSTAN SERVO AMP	HAND WIRE		5
-12V		B01V2		1-03 *						I	1		TO HERE		5
-12V		A23B2		1-04 *						I	2				5
-12V		B02V2		1-05 *						I					5
-12V				1									47-2/8		5

TU10.H(NEW)		WRP288,V17(17) 06/22/72				25-APR-73		23144	PAGE 2						
RUN NAME	A/P	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
		NAME	PIN	ORDER											
-15V		A09B2		1-01 *							2	SLICER			6
-15V		B09B2		1-02 *	H						1	HEAD BUFFER	HAND WIRE		6
-15V		A13B2		1-03 *							2	HEAD DRIVER	TO HERE		6
-15V		B13B2		1-04 *	H						1	CLOCK + SKEW DELAY	HAND WIRE		6
-15V		A17B2		1-05 *							2	I/O BUS CONN 1 IN	TO HERE		6
-15V		B17B2		1-06 *	H						1	I/O BUS CONN 1 OUT	HAND WIRE		6
-15V		A24B2		1-07 *							2	MOTION CONTROL	TO HERE		6
-15V		B24B2		1-08 *	H						1	MOTION CONTROL	HAND WIRE		6
-15V		A27B2		1-09 *							2	HEAD DRIVER	TO HERE		6
-15V		A27P2		1-10 *							1	HEAD DRIVER			6
-15V		A27R2		1-11 *							2	HEAD DRIVER			6
-15V		B28B2		1-12 *	H						1	WRITE BUFFER	TO HERE		6
-15V		A22B2	A19B2	1-13 *						I	2		HAND WIRE		6
-15V		A19B2		1-14 *	H						1		TO HERE		6
-15V		A25B2	B22B2	1-15 *						I	2		HAND WIRE		6
-15V		B22B2	B19B2	1-16 *	H						1		TO HERE		6
-15V		B19B2		1-17 *									TO HERE		6
-15V				1									24-0/8		6
-15V INT		A16H2		1-01 *	H						2		HAND WIRE		7
-15V INT		A20B2		1-02 *	H						1		HAND WIRE		7
-15V INT		B20B2		1-03 *									TO HERE		7
-15V INT				1									11-4/8		7
-2.4V		A16F2		1-01 *							1	FORWARD BOT TIMER			8
-2.4V		B21D2		1-02 *								BUS TRASCIVER			8
-2.4V				1									6-5/8		8
7 TR	H	A12L2		1-01 *							2	WRITE + GAP TIMING			9
7 TR	H	A09P1		1-02 *							1	CRC + WRITE GATING			9
7 TR	H	B10E1		1-03 *							2	DATA CHECKER			9
7 TR	H	B13D2		1-04 *								READ TIMING			9
7 TR				1									15-4/8		9
ACCL	L	B12P2		1-01 *							1	WRITE + GAP TIMING			10
ACCL	L	B14P1		1-02 *								MASTER SLAVE BD			10
ACCL				1									3-6/8		10
AEMD	L	B15M2		1-01 *						I	1	CRC CHECKER			11
AEMD	L	A10E1		1-02 *						R1	2	DATA CHECKER			11
AEMD	L	B09U2		1-03 *						R1	1	CRC + WRITE GATING			11
AEMD	L	B12D1		1-04 *						R1		WRITE + GAP TIMING			11
AEMD				1									20-7/8		11

TU10, H(NEW)		WRP288, V17(17) 06/22/72				25-APR-73		23144		PAGE 3					
RUN NAME	A/P	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
		NAME	PIN	ORDER											
ALPHA		A17P2		1-01 *							1	I/O BUS CONN 1 IN			12
ALPHA		B14N1		1-02 *							2	MASTER SLAVE BD			12
ALPHA		B17P2		1-03 *							1	I/O BUS CONN 1 OUT			12
ALPHA		B20V2		1-04 *								DELAY XMTR			12
ALPHA				1									17-0/8		12
ROT		A14H1		1-01 *							1	MASTER SLAVE BD			13
ROT		A18E2		1-02 *							2	I/O BUS CONN 2 IN			13
ROT		A21U1		1-03 *							1	BUS TRANSCEIVER			13
ROT		B18E2		1-04 *								I/O BUS CONN 2 OUT			13
ROT				1									15-3/8		13
DEN		A19E2		1-01 *							1	I/O BUS CONN 3 IN			14
DEN		B21L2		1-02 *							2	BUS TRANSCEIVER			14
DEN		B19E2		1-03 *							1	I/O BUS CONN 3 OUT			14
DEN		B14F1		1-04 *								MASTER SLAVE BD			14
DEN				1									17-7/8		14
DEN		A19H2		1-01 *							1	I/O BUS CONN 3 IN			15
DEN		B21L1		1-02 *							2	BUS TRANSCEIVER			15
DEN		B19H2		1-03 *							1	I/O BUS CONN 3 OUT			15
DEN		B14J1		1-04 *								MASTER SLAVE BD			15
DEN				1									17-0/8		15
SEL		A17E2		1-01 *							1	I/O BUS CONN 1 IN			16
SEL		B21E2		1-02 *							2	BUS TRANSCEIVER			16
SEL		B17E2		1-03 *							1	I/O BUS CONN 1 OUT			16
SEL		B14V2		1-04 *								MASTER SLAVE BD			16
SEL				1									17-3/8		16
SEL		A17H2		1-01 *							1	I/O BUS CONN 1 IN			17
SEL		B14M1		1-02 *							2	MASTER SLAVE BD			17
SEL		B17H2		1-03 *							1	I/O BUS CONN 1 OUT			17
SEL		B21M2		1-04 *								BUS TRANSCEIVER			17
SEL				1									18-6/8		17
SEL		A17K2		1-01 *							1	I/O BUS CONN 1 IN			18
SEL		B21K1		1-02 *							2	BUS TRANSCEIVER			18
SEL		B17K2		1-03 *							1	I/O BUS CONN 1 OUT			18
SEL		B14R2		1-04 *								MASTER SLAVE BD			18
SEL				1									17-2/8		18
SELR	L	A19D2		1-01 *							1	BUS CONNECTOR M903			19
SELR	L	B19D2		1-02 *								BUS CONNECTOR M903			19
SELR				1									5-6/8		19

TU10, H(NEW)		WRP288, V17(17) 06/22/72				25-APR-73		23144		PAGE 4					
RUN NAME	A/P	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
		NAME	PIN	ORDER											
SET		A14P2		1-01 *							2	MASTER SLAVE B			20
SET		A17V2		1-02 *							1	I/O BUS CONN 1 IN			20
SET		B21E1		1-03 *							2	BUS TRANSCEIVER			20
SET		B17V2		1-04 *								I/O BUS CONN 1 OUT			20
SET				1									16-0/8		20
SKEW		A15S2		1-01 *							2	BUS DATA INTERFACE			21
SKEW		A18V2		1-02 *							1	I/O BUS CONN 2 IN			21
SKEW		B20P1		1-03 *							2	DELAY XMTR			21
SKEW		B18V2		1-04 *								I/O BUS CONN 2 OUT			21
SKEW				1									14-6/8		21
STOP		A17H2		1-01 *							1	I/O BUS CONN 1 IN			22
STOP		B14H2		1-02 *							2	MASTER SLAVE BD			22
STOP		B17H2		1-03 *							1	I/O BUS CONN 1 OUT			22
STOP		B21V1		1-04 *								BUS TRANSCEIVER			22
STOP				1									17-2/8		22
ZCH		A15K2		1-01 *							1	BUS DATA INTERFACE			23
ZCH		A18P2		1-02 *							2	I/O BUS CONN 2 IN			23
ZCH		A21V1		1-03 *							1	BUS TRANSCEIVER			23
ZCH		B18P2		1-04 *								I/O BUS CONN 2 OUT			23
ZCH				1									16-3/8		23
556	H	A15M2		1-01 *							2				24
556	H	A18S2		1-02 *							1				24
556	H	B18S2		1-03 *							2				24
556	H	B20M1		1-04 *											24
556				1									14-5/8		24
800		A15P2		1-01 *							2	BUS DATA INTERFACE			25
800		A18T2		1-02 *							1	I/O BUS CONN 2 IN			25
800		B20S2		1-03 *							2	DELAY XMTR			25
800		B18T2		1-04 *								I/O BUS CONN 2 OUT			25
800				1									15-4/8		25
EMD		A17T2		1-01 *							2	I/O BUS CONN 1 IN			26
EMD		B14K1		1-02 *							1	MASTER SLAVE BD			26
EMD		B17T2		1-03 *							2	I/O BUS CONN 1 OUT			26
EMD		B20V2		1-04 *								DELAY XMTR			26
EMD				1									16-2/8		26
ECT		A14K1		1-01 *							2	MASTER SLAVE BD			27
ECT		A18H2		1-02 *							1	I/O BUS CONN 2 IN			27
ECT		B18H2		1-03 *							2	I/O BUS CONN 2 OUT			27
ECT		B21H1		1-04 *								BUS TRANSCEIVER			27
ECT				1									15-4/8		27

TU12.H(NEW)
RUN NAME

WRP288,V17(17) 06/22/72
A/P PIN ORDER BAY -
NAME PIN ORDER

Q DRAW RV PG Y X Z

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LENGTH EXCEPTIONS RUN
NUMBER

Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
						1	I/O BUS CONN 1 IN			28
						2	BUS TRANSCEIVER			28
						1	I/O BUS CONN 1 OUT			28
							MASTER SLAVE BD			28
						1		16-5/8		28
	L					2	FORWARD BOT TIMER			29
	L					1	BUS TRANSCEIVER			29
	L					2	LAMP DRIVER			29
	L						FUNCTION CONTROL			29
						1		17-4/8		29
						1	TRANS PANEL CABLE			30
							FUNCTION CONTROL			30
						1		5-0/8		30
						1				31
						1				31
						1				31
						1		25-4/8		31
	L					1	SWITCH FILTER			32
	L						MOTION CONTROL			32
						1		5-4/8		32
						1	TRANS PANEL CABLE			33
							SWITCH FILTER			33
						1		5-2/8		33
						2	BUS DATA INTERFACE			34
						1	I/O BUS CONN 2 IN			34
						2	I/O BUS CONN 2 OUT			34
							DELAY XMTR			34
						1		15-0/8		34
						2	BUS DATA INTERFACE			35
						1	I/O BUS CONN 2 IN			35
						2	I/O BUS CONN 2 OUT			35
							DELAY XMTR			35
						1		15-0/8		35
						2	I/O BUS CONN 2 IN			36
						1	BUS DATA INTERFACE			36
						2	I/O BUS CONN 2 OUT			36
							DELAY XMTR			36
						1		14-4/8		36

TU12.H(NEW)
RUN NAME

WRP288,V17(17) 06/22/72
A/P PIN ORDER BAY -
NAME PIN ORDER

Q DRAW RV PG Y X Z

25-APR-73 23144 PAGE 6
LENGTH EXCEPTIONS RUN
NUMBER

Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
						2	I/O BUS CONN 2 IN			37
						1	BUS DATA INTERFACE			37
						2	I/O BUS CONN 2 OUT			37
							DELAY XMTR			37
						1		14-4/8		37
						2	I/O BUS CONN 2 IN			38
						1	BUS DATA INTERFACE			38
						2	I/O BUS CONN 2 OUT			38
							DELAY XMTR			38
						1		14-6/8		38
						2	I/O BUS CONN 2 IN			39
						1	BUS DATA INTERFACE			39
						2	I/O BUS CONN 2 OUT			39
							DELAY XMTR			39
						1		14-5/8		39
						2	BUS DATA INTERFACE			40
						1	I/O BUS CONN 2 IN			40
						2	DELAY XMTR			40
							I/O BUS CONN 2 OUT			40
						1		15-4/8		40
						2	BUS DATA INTERFACE			41
						1	I/O BUS CONN 2 IN			41
						2	I/O BUS CONN 2 OUT			41
							DELAY XMTR			41
						1		15-0/8		41
						2	BUS DATA INTERFACE			42
						1	I/O BUS CONN 1 IN			42
						2	DELAY XMTR			42
							I/O BUS CONN 1 OUT			42
						1		16-0/8		42
						1	I/O BUS CONN 1 IN			43
						2	MASTER SLAVE BD			43
						1	I/O BUS CONN 1 OUT			43
							BUS TRANSCEIVER			43
						1		19-4/8		43
						2	FORWARD BOT TIMER			44
						1	I/O BUS CONN 2 IN			44
						2	I/O BUS CONN 2 OUT			44
							MASTER SLAVE BD			44
						1		15-2/8		44

TU10.H(NEW)		WRP288,V17(17) 06/22/72										25-APR-73	23144	PAGE 7	
RUN NAME	A/P	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
		NAME	PIN	ORDER											
BSDWV		A19K2		1-01 *							2	I/O BUS CONN 3 IN			45
BSDWV		A15U2		1-02 *							1	BUS DATA INTERFACE			45
BSDWV		B19K2		1-03 *							2	I/O BUS CONN 3 OUT			45
BSDWV		B20S1		1-04 *								DELAY XMTR			45
BSDWV				1									15-5/8		45
BTUR		A15A1		1-01 *							1	BUS DATA INTERFACE			46
BTUR		A19M2		1-02 *							2	I/O BUS CONN 3 IN			46
BTUR		B20K1		1-03 *							1	DELAY XMTR			46
BTUR		B19M2		1-04 *								I/O BUS CONN 3 OUT			46
BTUR				1									15-0/8		46
BWD0		A26H1		1-01 *							1	WRITE BUFFER			47
BWD0		A17S1		1-02 *							2	I/O BUS CONN 1 IN			47
BWD0		A14P1		1-03 *							1	MASTER SLAVE BD			47
BWD0		B17S1		1-04 *								I/O BUS CONN 1 OUT			47
BWD0				1									20-6/8		47
BWD1		A26J1		1-01 *							1	WRITE BUFFER			48
BWD1		A17P1		1-02 *							2	I/O BUS CONN 1 IN			48
BWD1		B14C1		1-03 *							1	MASTER SLAVE BD			48
BWD1		B17P1		1-04 *								I/O BUS CONN 1 OUT			48
BWD1				1									18-4/8		48
BWD2		A26E1		1-01 *							1	WRITE BUFFER			49
BWD2		A17B1		1-02 *							2	I/O BUS CONN 1 IN			49
BWD2		A14M1		1-03 *							1	MASTER SLAVE BD			49
BWD2		B17B1		1-04 *								I/O BUS CONN 1 OUT			49
BWD2				1									18-4/8		49
BWD3		A26K1		1-01 *							1	WRITE BUFFER			50
BWD3		A17D1		1-02 *							2	I/O BUS CONN 1 IN			50
BWD3		A14K2		1-03 *							1	MASTER SLAVE BD			50
BWD3		B17D1		1-04 *								I/O BUS CONN 1 OUT			50
BWD3				1									19-3/8		50
BWD4		A26D1		1-01 *							1	WRITE BUFFER			51
BWD4		A17E1		1-02 *							2	I/O BUS CONN 1 IN			51
BWD4		A14F1		1-03 *							1	MASTER SLAVE BD			51
BWD4		B17E1		1-04 *								I/O BUS CONN 1 OUT			51
BWD4				1									19-2/8		51
BWD5		A26J2		1-01 *							1	WRITE BUFFER			52
BWD5		A17H1		1-02 *							2	I/O BUS CONN 1 IN			52
BWD5		A14O2		1-03 *							1	MASTER SLAVE BD			52
BWD5		B17H1		1-04 *								I/O BUS CONN 1 OUT			52
BWD5				1									19-6/8		52

TU10.H(NEW)		WRP288,V17(17) 06/22/72										25-APR-73	23144	PAGE 8	
RUN NAME	A/P	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
		NAME	PIN	ORDER											
BWD6		A14A1		1-01 *							1	MASTER SLAVE BD			53
BWD6		A17J1		1-02 *							2	I/O BUS CONN 1 IN			53
BWD6		B17J1		1-03 *							1	I/O BUS CONN 1 OUT			53
BWD6		A26H2		1-04 *								WRITE BUFFER			53
BWD6				1									21-6/8		53
BWD7		A26D2		1-01 *							1	WRITE BUFFER			54
BWD7		A17L1		1-02 *							2	I/O BUS CONN 1 IN			54
BWD7		B14F2		1-03 *							1	MASTER SLAVE BD			54
BWD7		B17L1		1-04 *								I/O BUS CONN 1 OUT			54
BWD7				1									19-6/8		54
BWDP		A26F1		1-01 *							1	WRITE BUFFER			55
BWDP		A17M1		1-02 *							2	I/O BUS CONN 1 IN			55
BWDP		B17M1		1-03 *							1	I/O BUS CONN 1 OUT			55
BWDP		B14S1		1-04 *								MASTER SLAVE BD			55
BWDP				1									19-0/8		55
BWFL		A14B1		1-01 *							1	MASTER SLAVE BD			56
BWFL		A18K2		1-02 *							2	I/O BUS CONN 2 IN			56
BWFL		A16U2		1-03 *							1	FORWARD BOT TIMER			56
BWFL		B18K2		1-04 *							2	I/O BUS CONN 2 OUT			56
BWFL		B20N1		1-05 *								DELAY XMTR			56
BWFL				1									20-4/8		56
BWRS		A14E1		1-01 *							2	MASTER SLAVE BD			57
BWRS		A18M2		1-02 *							1	I/O BUS CONN 2 IN			57
BWRS		B18M2		1-03 *							2	I/O BUS CONN 2 OUT			57
BWRS		B21P1		1-04 *								BUS TRANSCEIVER			57
BWRS				1									16-2/8		57
C 558	L	B20R1		1-01 *							1				58
C 556	L	B22V1		1-02 *							1				58
C 556				1									4-4/8		58
C DEN 5	H	A07F1		1-01 *							2	MASTER INT CABLE			59
C DEN 5	H	A11R2		1-02 *							1	COMMAND BUFFER			59
C DEN 5	H	B13S2		1-03 *								READ TIMING			59
C DEN 5				1									13-0/8		59
C DEN 8	H	A07E1		1-01 *							1	MASTER INT CABLE			60
C DEN 8	H	A11S2		1-02 *								COMMAND BUFFER			60
C DEN 8				1									6-4/8		60
C FOR	H	A07K1		1-01 *							1	MASTER INT CABLE			61
C FOR	H	A11L1		1-02 *								COMMAND BUFFER			61
C FOR				1									5-2/8		61

TU12.H(NEW)	WRP288,V17(17) 06/22/72										25-APR-73	23144	PAGE 9		
RUN NAME	A/P	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
		NAME	PIN	ORDER											
C INIT	H	A07P2		1-01 *							1	MASTER INT CABLE			62
C INIT	H	A13M2		1-02 *								HEAD TIMING			62
C INIT				1									6-2/8		62
C PEVN	H	A06T2		1-01 *							2	MASTER CABLE DUPL			63
C PEVN	H	A07T2		1-02 *							1	MASTER INT CABLE			63
C PEVN	H	A11T2		1-03 *								COMMAND BUFFER			63
C PEVN				1									8-4/8		63
C REV	H	A07N2		1-01 *							1	MASTER INT CABLE			64
C REV	H	A11M1		1-02 *								COMMAND BUFFER			64
C REV				1									4-6/8		64
C REN	H	A07L1		1-01 *							1	MASTER INT CABLE			65
C REN	H	A11K1		1-02 *								COMMAND BUFFER			65
C REN				1									5-0/8		65
C SEL 0	H	A06A1		1-01 *							2	MASTER CABLE DUPL			66
C SEL 0	H	A07A1		1-02 *							1	MASTER INT CABLE			66
C SEL 0	H	B11T2		1-03 *								COMMAND BUFFER			66
C SEL 0				1									13-4/8		66
C SEL 1	H	A06B1		1-01 *							2	MASTER CABLE DUPL			67
C SEL 1	H	A07B1		1-02 *							1	MASTER INT CABLE			67
C SEL 1	H	B11S2		1-03 *								COMMAND BUFFER			67
C SEL 1				1									13-0/8		67
C SEL 2	H	A06C1		1-01 *							2	MASTER CABLE DUPL			68
C SEL 2	H	A07C1		1-02 *							1	MASTER INT CABLE			68
C SEL 2	H	B11R2		1-03 *								COMMAND BUFFER			68
C SEL 2				1									13-0/8		68
C SET	H	A07R2		1-01 *							1	MASTER INT CABLE			69
C SET	H	A13F1		1-02 *								HEAD TIMING			69
C SET				1									6-6/8		69
C SET	L	A11J1		1-01 *							1	COMMAND BUFFER			70
C SET	L	A13L1		1-02 *								HEAD TIMING			70
C SET				1									4-2/8		70
C STROBE		A26U1		1-01 *							1	WRITE BUFFER			71
C STROBE		B21S2		1-02 *								BUS TRANSCEIVER			71
C STROBE				1									6-3/8		71

TU10.H(NEW)	WRP288,V17(17) 06/22/72										25-APR-73	23144	PAGE 10		
RUN NAME	A/P	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
		NAME	PIN	ORDER											
C WDR	H	A07S2		1-01 *							1	MASTER INT CABLE			72
C WDR	H	B12A1	B13V1	1-02 *							2	WRITE + GAP TIMING			72
C WDR	H	B13V1		1-03 *											72
C WDR				1									12-0/8		72
C WEXG	H	A07J1		1-01 *							1	MASTER INT CABLE			73
C WEXG	H	A11U2		1-02 *								COMMAND BUFFER			73
C WEXG				1									6-2/8		73
C WFMK	H	A07U2		1-01 *							1	MASTER INT CABLE			74
C WFMK	H	A11V2		1-02 *								COMMAND BUFFER			74
C WFMK				1									5-2/8		74
C WRE	H	A07M1		1-01 *							1	MASTER INT CABLE			75
C WRE	H	A11F1		1-02 *								COMMAND BUFFER			75
C WRE				1									5-6/8		75
CLEAR FUNCTION	L	A21H2		1-01 *							1	BUS TRANSCEIVER			76
CLEAR FUNCTION	L	B25V2		1-02 *								FUNCTION CONTROL			76
CLEAR FUNCTION				1									9-2/8		76
CLOCK	L	A16D2		1-01 *							1	FORWARD BOT TIMER			77
CLOCK	L	B20T2		1-02 *							2	DELAY XMTR			77
CLOCK	L	B22D1		1-03 *							1	CLOCK + SKEW DELAY			77
CLOCK	L	B26K1		1-04 *							2	WRITE BUFFER			77
CLOCK	L	B28E2		1-05 *								READ BUFFER			77
CLOCK				1									24-6/8		77
CRCE	L	B15S2		1-01 *							I	CRS CHECKER			78
CRCE	L	A08P2		1-02 *							I	MASTER INT B			78
CRCE				1									8-0/8		78
CRCS	H	A10D1		1-01 *							R1	DATA CHECKER			79
CRCS	H	B13N2		1-02 *							R1	READ TIMING			79
CRCS	H	B15U2		1-03 *							I	CRS CHECKER			79
CRCS				1									12-5/8		79
CRCS	L	A08C1		1-01 *							1	MASTER INT BD			80
CRCS	L	B13M2		1-02 *								READ TIMING			80
CRCS				1									8-7/8		80
CRCS CLK	H	A13N2		1-01 *							1	READ TIMING			81
CRCS CLK	H	B13P2		1-02 *								READ TIMING			81
CRCS CLK				1									6-0/8		81

TU10, H(NEW)		WRP288, V17(17) 06/22/72				25-APR-73		23144		PAGE 11					
RUN NAME	A/P	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
		NAME	PIN	ORDER											
CRL STR	L	A09E1		1-01 *								CRC + WRITE GATING			82
CRL STR	L	A12J2		1-02 *								WRITE + GAP TIMING			82
CRL STR				1									5-2/8		82
CWD 3	H	A06D2		1-01 *								MASTER CABLE DUPL			83
CWD 3	H	A09S1		1-02 *								CRC + WRITE GATING			83
CWD 3				1									4-6/8		83
CWD 1	H	A06E2		1-01 *								MASTER CABLE DUPL			84
CWD 1	H	A07E2		1-02 *								MASTER INT CABLE			84
CWD 1	H	A09R1		1-03 *								CRC + WRITE GATING			84
CWD 1				1									7-7/8		84
CWD 2	H	A06F2		1-01 *								MASTER CABLE DUPL			85
CWD 2	H	A07F2		1-02 *								MASTER INT CABLE			85
CWD 2	H	B09L1		1-03 *								CRC + WRITE GATING			85
CWD 2				1									10-4/8		85
CWD 3	H	A07H2		1-01 *								MASTER INT CABLE			86
CWD 3	H	A09B1		1-02 *								CRC + WRITE GATING			86
CWD 3				1									4-1/8		86
CWD 4	H	A06J2		1-01 *								MASTER CABLE DUPL			87
CWD 4	H	A07J2		1-02 *								MASTER INT CABLE			87
CWD 4	H	B09H1		1-03 *								CRC + WRITE GATING			87
CWD 4				1									9-6/8		87
CWD 5	H	A06K2		1-01 *								MASTER CABLE DUPL			88
CWD 5	H	A07K2		1-02 *								MASTER INT CABLE			88
CWD 5	H	B09J1		1-03 *								CRC + WRITE GATING			88
CWD 5				1									10-0/8		88
CWD 6	H	A06L2		1-01 *								MASTER CABLE DUPL			89
CWD 6	H	A07L2		1-02 *								MASTER INT CABLE			89
CWD 6	H	B09D1		1-03 *								CRC + WRITE GATING			89
CWD 6				1									9-2/8		89
CWD 7	H	A06M2		1-01 *								MASTER CABLE DUPL			90
CWD 7	H	A07M2		1-02 *								MASTER INT CABLE			90
CWD 7	H	B09C1		1-03 *								CRC + WRITE GATING			90
CWD 7				1									9-0/8		90
D LD PULSE	L	B05F1		1-01 *								BRAKE LOGIC			91
D LD PULSE	L	A03V2		1-02 *								BRAKE ACTUATOR			91
D LD PULSE				1									4-7/8		91

TU10, H(NEW)		WRP288, V17(17) 06/22/72				25-APR-73		23144		PAGE 12					
RUN NAME	A/P	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
		NAME	PIN	ORDER											
DELAY STROBE	L	A28V1		1-01 *								READ BUFFER			92
DELAY STROBE	L	B22N1		1-02 *								CLOCK + SKEW DELAY			92
DELAY STROBE	L	B20H1		1-03 *								DELAY XMTR			92
DELAY STROBE				1									12-4/8		92
DEL 5	L	B21K2		1-01 *								BUS TRANSCEIVER			93
DEL 5	L	B22J1		1-02 *								CLOCK + SKEW DELAY			93
DEL 5				1									2-7/8		93
DEL 8	L	B21M1		1-01 *					R1			BUS TRANSCEIVER			94
DEL 8	L	B22L2		1-02 *					R1			CLOCK + SKEW DELAY			94
DEL 8	L	B22K2		1-03 *					I			CLOCK + SKEW DELAY			94
DEL 8				1									6-3/8		94
ELY FOR	H	A04F2		1-01 *					R1			CAPSTAN SERVO AMP			95
ELY FOR	H	A16L2		1-02 *					R1			FORWARD BOT TIMER			95
ELY FOR				1									9-4/8		95
E BOT	L	A08D2		1-01 *								MASTER INT BD			96
E BOT	L	B11K1		1-02 *								COMMAND BUFFER			96
E BOT	L	B12K1		1-03 *								WRITE + GAP TIMING			96
E BOT				1									11-0/8		96
E DEN 1	H	A11J2		1-01 *								COMMAND BUFFER			97
E DEN 1	H	A13J2		1-02 *								READ TIMING			97
E DEN 1	H	B14A1		1-03 *								MASTER SLAVE BD			97
E DEN 1				1									9-0/8		97
E DEN 2	H	A11H2		1-01 *								COMMAND BUFFER			98
E DEN 2	H	A13P1		1-02 *								READ TIMING			98
E DEN 2	H	B14B1		1-03 *								MASTER SLAVE BD			98
E DEN 2				1									9-1/8		98
E EST	L	A08R2		1-01 *								MASTER INT BD			99
E EST	L	A11S1		1-02 *								COMMAND BUFFER			99
E EST				1									4-2/8		99
E FOR	H	A10F1		1-01 *					R1			DATA CHECKER			100
E FOR	H	A11L2		1-02 *					R1			COMMAND BUFFER			100
E FOR	H	A14S2		1-03 *					R1			MASTER SLAVE BD			100
E FOR	H	B15T2		1-04 *					I			CRC CHECKER			100
E FOR				1									15-3/8		100
E OFF	L	A11P2		1-01 *								COMMAND BUFFER			101
E OFF	L	A14C1		1-02 *								MASTER SLAVE BD			101
E OFF				1									1-7/8		101

TU10.H(NEW) RUN NAME	A/P	WRP288.V17(17) PIN NAME	06/22/72 ORDER PIN	BAY - ORDER	Q	DRAW	PV	PG	Y	X	Z	REMARKS	25-APR-73 LENGTH	23144 EXCEPTIONS	PAGE 13 RUN NUMBER
E PEV	H	A11F2		1-01 *							2	COMMAND BUFFER			102
E PEV	H	A09L1		1-02 *							1	CRC + WRITE GATING			102
E PEV	H	B10R1		1-03 *								DATA CHECKER			102
E PEV				1									11-4/8		102
E REV	H	A11K2		1-01 *							1	COMMAND BUFFER			103
E REV	H	A14V1		1-02 *								MASTER SLAVE BD			103
E REV				1									4-6/8		103
E PER	H	A11N2		1-01 *							1	COMMAND BUFFER			104
E PER	H	A14R1		1-02 *								MASTER SLAVE BD			104
E PER				1									4-4/8		104
E RNS	L	A08E2		1-01 *							1	MASTER INT BD			105
E RNS	L	B11F2		1-02 *								COMMAND BUFFER			105
E RNS				1									7-4/8		105
E REL 0	L	B11U2		1-01 *							1	COMMAND BUFFER			106
E REL 0	L	B14U1		1-02 *								MASTER SLAVE BD			106
E REL 0				1									4-2/8		106
E REL 1	L	B11P2		1-01 *							1	COMMAND BUFFER			107
E REL 1	L	B14M2		1-02 *								MASTER SLAVE BD			107
E REL 1				1									4-6/8		107
E REL 2	L	B11R1		1-01 *							1	COMMAND BUFFER			108
E REL 2	L	B14T2		1-02 *								MASTER SLAVE BD			108
E REL 2				1									5-0/8		108
E REXG	H	A11E2		1-01 *							1	COMMAND BUFFER			109
E REXG	H	B12M2		1-02 *								WRITE + GAP TIMING			109
E REXG				1									7-0/8		109
E WFMK	H	A1102		1-01 *							2	COMMAND BUFFER			110
E WFMK	H	A09M1		1-02 *							1	CRC + WRITE GATING			110
E WFMK	H	B12L2		1-03 *								WRITE + GAP TIMING			110
E WFMK				1									12-0/8		110
E WRE	L	A14E2		1-01 *							2	MASTER SLAVE BD			111
E WRE	L	A11M2		1-02 *							1	COMMAND BUFFER			111
E WRE	L	B12E1		1-03 *								WRITE + GAP TIMING			111
E WRE				1									10-4/8		111
E WRL	L	A08H2		1-01 *							1	MASTER INT BD			112
E WRL	L	A11U1		1-02 *								COMMAND BUFFER			112
E WRL				1									4-7/8		112

TU10.H(NEW) RUN NAME	A/P	WRP288.V17(17) PIN NAME	06/22/72 ORDER PIN	BAY - ORDER	Q	DRAW	PV	PG	Y	X	Z	REMARKS	25-APR-73 LENGTH	23144 EXCEPTIONS	PAGE 14 RUN NUMBER
EMD	H	A12E1		1-01 *							1	WRITE + GAP TIMING			113
EMD	H	B14L1		1-02 *								MASTER SLAVE BD			113
EMD				1									7-4/8		113
END POINT	L	A23F2		1-01 *							2	LAMP DRIVER			114
END POINT	L	A25M2		1-02 *							1	FUNCTION CONTROL			114
END POINT	L	B21H2		1-03 *								BUS TRANSCEIVER			114
END POINT				1									10-1/8		114
END PT BULB	H	A22H2		1-01 *							1	TRANS PANEL CABLE			115
END PT BULB	H	A23F1		1-02 *								LAMP DRIVER			115
END PT BULB				1									2-7/8		115
EOT EMIT		A22V1		1-01 *							1	TRANS PANEL CABLE			116
EOT EMIT		A25B1		1-02 *								FUNCTION CONTROL			116
EOT EMIT				1									5-7/8		116
ERD 1	H	B10N2		1-01 *						I	1	DATA CHECKER			117
ERD 1	H	B15M1		1-02 *						I		CRC CHECKER			117
ERD 1				1									5-2/8		117
ERD 1	H	B10J1		1-01 *						I	1	DATA CHECKER			118
ERD 1	H	B15P1		1-02 *						I		CRC CHECKER			118
ERD 1				1									6-0/8		118
ERD 1	L	B10H1		1-01 *							1	DATA CHECKER			119
ERD 1	L	B12H1		1-02 *								WRITE + GAP TIMING			119
ERD 1				1									4-0/8		119
ERD 2	H	B10J2		1-01 *						I	1	DATA CHECKER			120
ERD 2	H	B15L1		1-02 *						I		CRC CHECKER			120
ERD 2				1									5-4/8		120
ERD 2	L	B10K1		1-01 *							1	DATA CHECKER			121
ERD 2	L	B12F1		1-02 *								WRITE + GAP TIMING			121
ERD 2				1									4-4/8		121
ERD 3	H	B10L1		1-01 *						I	1	DATA CHECKER			122
ERD 3	H	B15H1		1-02 *						I		CRC CHECKER			122
ERD 3				1									5-6/8		122
ERD 3	L	B10K2		1-01 *							1	DATA CHECKER			123
ERD 3	L	B12U1		1-02 *								WRITE + GAP TIMING			123
ERD 3				1									4-2/8		123

TU10, H(NEW)		WRP288, V17(17) 06/22/72										25-APR-73	23144	PAGE 15	
RUN NAME	A/P	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
		NAME	PIN	ORDER											
ERD 4	H	B10B1		1-01 *							I	DATA CHECKER			124
ERD 4	H	B15E1		1-02 *							I	ORC CHECKER			124
ERD 4				1									5-6/8		124
ERD 4	L	A10R1		1-01 *								DATA CHECKER			125
ERD 4	L	B12V1		1-02 *								WRITE * GAP TIMING			125
ERD 4				1									7-2/8		125
ERD 5	H	A10N2		1-01 *							I	DATA CHECKER			126
ERD 5	H	B15C1		1-02 *							I	ORC CHECKER			126
ERD 5				1									6-1/8		126
ERD 5	L	A10S1		1-01 *								DATA CHECKER			127
ERD 5	L	A12U2		1-02 *								WRIT * GAP TIMING			127
ERD 5				1									4-4/8		127
ERD 6	H	A10S2		1-01 *							I	DATA CHECKER			128
ERD 6	H	B15A1		1-02 *							I	ORC CHECKER			128
ERD 6				1									6-2/8		128
ERD 6	L	A10T2		1-01 *								DATA CHECKER			129
ERD 6	L	A12M2		1-02 *								WRITE * GAP TIMING			129
ERD 6				1									4-1/8		129
ERD 7	H	A10R2		1-01 *							I	DATA CHECKER			130
ERD 7	H	B15V1		1-02 *							I	ORC CHECKER			130
ERD 7				1									8-1/8		130
ERD 7	L	A10U2		1-01 *								DATA CHECKER			131
ERD 7	L	B12D2		1-02 *								WRITE * GAP TIMING			131
ERD 7				1									4-5/8		131
ERDF	H	B10R2		1-01 *							I	DATA CHECKER			132
ERDF	H	B15S1		1-02 *							I	ORC CHECKER			132
ERDF				1									5-2/8		132
ERDF	L	B10S1		1-01 *								DATA CHECKER			133
ERDF	L	B12F2		1-02 *								WRITE * GAP TIMING			133
ERDF				1									4-6/8		133
ERDS	H	B15L2		1-01 *							I	ORC CHECKER			134
ERDS	H	A10L2		1-02 *							R1	DATA CHECKER			134
ERDS	H	A13R1		1-03 *							R1	HEAD TIMING			134
ERDS				1									11-4/8		134

TU10, H(NEW)		WRP288, V17(17) 06/22/72										25-APR-73	23144	PAGE 16	
RUN NAME	A/P	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
		NAME	PIN	ORDER											
ERDS	L	A13S1		1-01 *								HEAD TIMING			135
ERDS	L	B13L2		1-02 *								HEAD TIMING			135
ERDS	L	B10S2		1-03 *								DATA CHECKER			135
ERDS				1									10-6/8		135
FILE PROT BULB	H	A22F2		1-01 *								TRANS PANEL CABLE			136
FILE PROT BULB	H	A23E1		1-02 *								LAMP DRIVER			136
FILE PROT BULB				1									2-3/8		136
FME	L	A08V1		1-01 *								MASTER INT BD			137
FME	L	A13L2		1-02 *								HEAD TIMING			137
FME				1									6-6/8		137
FMK CHR	L	A10Q2		1-01 *								DATA CHECKER			138
FMK CHR	L	B13E2		1-02 *								READ TIMING			138
FMK CHR				1									7-2/8		138
FOR	H	A16M2		1-01 *								FORWARD BOT TIMER			139
FOR	H	A24B1		1-02 *								MOTION CONTROL			139
FOR				1									8-0/8		139
FORCE BRK ON	H	A03F2		1-01 *								UPPER BRAKE BOARD			140
FORCE BRK ON	H	B24P2		1-02 *								MOTION CONTROL			140
FORCE BRK ON				1									17-0/8		140
FORCE BRK ON	L	B24N2		1-01 *							I	MOTION CONTROL			141
FORCE BRK ON	L	B05U2		1-02 *							I	BRAKE LOGIC			141
FORCE BRK ON				1									13-2/8		141
FORWARD	L	A20A1		1-01 *								DELAY XMTR			142
FORWARD	L	A24D2		1-02 *								MOTION CONTROL			142
FORWARD	L	A23K2		1-03 *								LAMP DRIVER			142
FORWARD	L	B25E2		1-04 *								FUNC CONTROL SOURC			142
FORWARD				1									16-0/8		142
FWD BULB	H	A22N2		1-01 *								TRANS PANEL CABLE			143
FWD BULB	H	A23K1		1-02 *								LAMP DRIVER			143
FWD BULB				1									2-7/8		143
LD ON LINI	H	A24F1		1-01 *							I	MOTION CONTROL			144
LD ON LINI	H	A21H1		1-02 *							I	BUSTRANSCEIVER			144
LD ON LINI				1									4-6/8		144
LD PT BULB	H	A22P2		1-01 *								TRANS PANEL CABLE			145
LD PT BULB	H	A23L1		1-02 *								LAMP DRIVER			145
LD PT BULB				1									2-7/8		145

TU10, H(NEW)		WRP288, V17(17) 06/22/72				25-APR-73		23144		PAGE 17					
RUN NAME	A/P	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
		NAME	PIN	ORDER											
LEDC		A22S1		1-01 *							0	TRANSPORT CABLE			146
LEDC		A25D1		1-02 *								FUNCTION CONTROL			146
LEDC				1									5-1/8		146
LFS	H	A05L2		1-01 *						I	1	VAC SW+PWR CONT CO			147
LFS	H	B24C1		1-02 *						I		MOTION CONTROL			147
LFS				1									14-0/8		147
LFS	L	B24A1		1-01 *						R1	1	MOTION CONTROL			148
LFS	L	B05V1		1-02 *						R1		BRAKE LOGIC			148
LFS				1									14-4/8		148
LOAD BULB	H	A22U2		1-01 *							1	TRANS PANEL CABLE			149
LOAD BULB	H	A23R1		1-02 *								LAMP DRIVER			149
LOAD BULB				1									2-7/8		149
LOAD PULSE	L	B23R1		1-01 *							1	SWITCH FILTER			150
LOAD PULSE	L	B24H1		1-02 *								MOTION CONTROL			150
LOAD PULSE				1									4-2/8		150
LOAD SW		A22M1		1-01 *							1	TRANS PANEL CABLE			151
LOAD SW		B23J1		1-02 *								SWITCH FILTER			151
LOAD SW				1									6-0/8		151
LOCAL	H	A24E1		1-01 *							2	MOTION CONTROL			152
LOCAL	H	A24U1		1-02 *							1	MOTION CONTROL			152
LOCAL	H	B25E1		1-03 *								FUNCTION CONTROL			152
LOCAL				1									9-2/8		152
LOCAL	L	A23J2		1-01 *						R1	1	LAMP DRIVER			153
LOCAL	L	B25F2		1-02 *						R1	2	FUNCTION CONTROL			153
LOCAL	L	A25V2		1-03 *						R1		FUNCTION CONTROL			153
LOCAL				1									10-6/8		153
LOGIC COMMON		A05B1		1-01 *							2				154
LOGIC COMMON		A05C2		1-02 *	H						1			HAND WIRE	154
LOGIC COMMON		A05F1		1-03 *							2			TO HERE	154
LOGIC COMMON		A06C2		1-04 *							1				154
LOGIC COMMON		A05D2		1-05 *							2				154
LOGIC COMMON		A05T1		1-06 *	H						1			HAND WIRE	154
LOGIC COMMON		A24C2		1-07 *							2			TO HERE	154
LOGIC COMMON		A23S2		1-08 *											154
LOGIC COMMON				1									35-7/8		154
LOW REW BRK	L	A03U2		1-01 *						I	1	BRAKE ACTUATOR			155
LOW REW BRK	L	B05L1		1-02 *						I		BRAKE LOGIC			155
LOW REW BRK				1									5-6/8		155

TU10, H(NEW)		WRP288, V17(17) 06/22/72				25-APR-73		23144		PAGE 18					
RUN NAME	A/P	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
		NAME	PIN	ORDER											
LOWER BRAKE OUT		A05P2		1-01 *							1	VAC SW+PWR CONT CO			156
LOWER BRAKE OUT		B03R2		1-02 *								LOWER BRAKE BOARD			156
LOWER BRAKE OUT				1									6-6/8		156
LOWER BRK ON	H	A03E2		1-01 *						I	1	BRAKE ACTUATOR			157
LOWER BRK ON	H	B05J1		1-02 *						I		BRAKE LOGIC			157
LOWER BRK ON				1									7-0/8		157
LRC STRB	L	A12A1		1-01 *							1	WRITE + GAP TIMING			158
LRC STRB	L	B14V1		1-02 *								MASTER SLAVE BD			158
LRC STRB				1									9-0/8		158
LRCC STROBE	H	A26P1		1-01 *							1	WRITE BUFFER			159
LRCC STROBE	H	B21R2		1-02 *								BUS TRANSCEIVER			159
LRCC STROBE				1									7-3/8		159
LRCE	L	A08N2		1-01 *							1	MASTER INT BD			160
LRCE	L	A10E2		1-02 *								DATA CHECKER			160
LRCE				1									4-3/8		160
LRCS	L	A10A1		1-01 *							2	DATA CHECKER			161
LRCS	L	A08M2		1-02 *							1	MASTER INT BD			161
LRCS	L	B13J2		1-03 *								READ TIMING			161
LRCS				1									11-3/8		161
LWR MTR LVS		A05J2		1-01 *						R1	1	VAC SW+PWR CONT CO			162
LWR MTR LVS		B03J2		1-02 *						R1	0	LOWER BRAKE BD CO			162
LWR MTR LVS		B05S2		1-03 *						R1		BRAKE LOGIC			162
LWR MTR LVS				1									11-1/8		162
LWR MTR SW OPEN	H	B01F2		1-01 *						I	2	LOWER REEL MOTORAM			163
LWR MTR SW OPEN	H	B03S2		1-02 *						I	1	BRAKE ACTUATOR			163
LWR MTR SW OPEN	H	B05E2		1-03 *						I		BRAKE LOGIC			163
LWR MTR SW OPEN				1									9-0/8		163
LWR MTR UPR SW		B01K2		1-01 *						I	1	LOWER REEL MTR BD			164
LWR MTR UPR SW		B05N1		1-02 *						I		BRAKE LOGIC			164
LWR MTR UPR SW				1									5-2/8		164
LWR MTR UVS		A05H2		1-01 *						R1	1	VAC SW+PWR CONT CO			165
LWR MTR UVS		B03D2		1-02 *						R1	0	LOWER BRAKE BD			165
LWR MTR UVS		B05P1		1-03 *						R1		BRAKE LOGIC			165
LWR MTR UVS				1									10-7/8		165
M-FWD	L	B23U2		1-01 *							1	SWITCH FILTER			166
M-FWD	L	B25S1		1-02 *								FUNCTION CONTROL			166
M-FWD				1									4-0/8		166

TU10.H(NEW)
RUN NAME

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A/P PIN ORDER BAY = Q DRAW RV PG Y X Z

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REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
			187
			187
			187
		HAND WIRE	187
		TO HERE	187
			187
VAC SW PWR CONT 00			187
			187
			187
		HAND WIRE	187
		TO HERE	187
			187
MOTION CONTROL	58-5/8		187

R 7CH	L	A08L2	1-01 *	2	MASTER INT BD		188
R 7CH	L	A15L2	1-02 *	1	BUS DATA INTERFACE		188
R 7CH	L	B13R2	1-03 *		READ TIMING		188
R 7CH			1			13-6/8	188

R FWD	H	B25V1	1-01 *	2	FUNCTION CONTROL		189
R FWD	H	B21J1	1-02 *	1	BUS TRANSCEIVER		189
R FWD	H	B11J1	1-03 *		COMMAND BUFFER		189
R FWD			1			14-1/8	189

R RD2	L	A15H1	1-01 *	1	BUS DATA INTERFACE		190
R RD2	L	B10N1	1-02 *		DATA CHECKER		190
R RD2			1			8-3/8	190

R RD1	L	A15K1	1-01 *	1	BUS DATA INTERFACE		191
R RD1	L	B10M2	1-02 *		DATA CHECKER		191
R RD1			1			7-5/8	191

R RD2	L	A15M1	1-01 *	1	BUS DATA INTERFACE		192
R RD2	L	B10M1	1-02 *		DATA CHECKER		192
R RD2			1			6-6/8	192

R RD3	L	A15P1	1-01 *	1	BUS DATA INTERFACE		193
R RD3	L	B10L2	1-02 *		DATA CHECKER		193
R RD3			1			6-2/8	193

R RD4	L	A15S1	1-01 *	1	BUS DATA INTERFACE		194
R RD4	L	B10D1	1-02 *		DATA CHECKER		194
R RD4			1			6-6/8	194

R RD5	L	A15U1	1-01 *	1	BUS DATA INTERFACE		195
R RD5	L	B10D2	1-02 *		DATA CHECKER		195
R RD5			1			6-2/8	195

TU10.H(NEW)
RUN NAME

WRP288,V17(17) 06/22/72
A/P PIN ORDER BAY = Q DRAW RV PG Y X Z

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REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
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R RD6	L	A10U1	1-01 *	1	DATA CHECKER		196
R RD6	L	A15F2	1-02 *		BUS DATA INTERFACE		196
R RD6			1			7-2/8	196

R RD7	L	A10V1	1-01 *	1	DATA CHECKER		197
R RD7	L	A15J2	1-02 *		BUS DATA INTERFACE		197
R RD7			1			7-0/8	197

R RDP	L	A15E1	1-01 *	1	BUS DATA INTERFACE		198
R RDP	L	B10U1	1-02 *		DATA CHECKER		198
R RDP			1			9-6/8	198

R REV	H	A16J2	1-01 *	1	FORWARD BOT TIMER		199
R REV	H	B25U1	1-02 *		FUNCTION CONTROL		199
R REV			1			8-5/8	199

R REW	H	A25J2	1-01 *	2	FUNCTION CONTROL		200
R REW	H	B21F1	1-02 *	1	BUS TRANSCEIVER		200
R REW	H	B11H1	1-03 *		COMMAND BUFFER		200
R REW			1			14-5/8	200

R TUR	L	A15B1	1-01 *	2	BUS DATA INTERFACE		201
R TUR	L	A08D1	1-02 *	1	MASTER INT BD		201
R TUR	L	B11J2	1-03 *		COMMAND BUFFER		201
R TUR			1			14-6/8	201

R WRL		B11E1	1-01 *	2	COMMAND BUFFER		202
R WRL		A16K2	1-02 *	1	FORWARD BOT TIMER		202
R WRL		B25F1	1-03 *		FUNCTION CONTROL		202
R WRL			1			16-6/8	202

RB CLEAR	H	A28H2	1-01 *	1	HEAD BUFFER		203
RB CLEAR	H	B25D1	1-02 *		FUNCTION CONTROL		203
RB CLEAR			1			6-6/8	203

RC 556	L	A13E2	1-01 *	1	READ TIMING		204
RC 556	L	A15N2	1-02 *		BUS DATA INTERFACE		204
RC 556			1			4-3/8	204

RC 552	H	A13F2	1-01 *	2	HEAD TIMING		205
RC 552	H	B12S1	1-02 *	1	WRITE + GAP TIMING		205
RC 552	H	B11V1	1-03 *		COMMAND BUFFER		205
RC 552			1			10-5/8	205

RC 550	L	A13K2	1-01 *	1	READ TIMING		206
RC 550	L	A15R2	1-02 *		BUS DATA INTERFACE		206
RC 550			1			4-5/8	206

TU10.H(NEW)
RUN NAME

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A/P PIN ORDER BAY -
NAME PIN ORDER

Q DRAW RV PG Y X Z

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EXCEPTIONS

RUN

NUMBER

RD CLR
RD CLR
RD CLR
RD CLR

L B13K2 1-01 *
L B12P1 1-02 *
L B13U2 1-03 *
1

2

HEAD TIMING
WRITE + GAP TIMING
HEAD TIMING

7-6/8

207
207
207
207

RD0
RD0
RD0

A20S1 1-01 *
A20P2 1-02 *
1

1

DELAY XMTR
HEAD BUFFER

7-4/8

208
208
208

RD1
RD1
RD1

A20R1 1-01 *
A20R2 1-02 *
1

1

DELAY XMTR
HEAD BUFFER

7-2/8

209
209
209

RD2
RD2
RD2

A20F1 1-01 *
B20B1 1-02 *
1

1

DELAY XMTR
HEAD BUFFER

9-2/8

210
210
210

RD3
RD3
RD3

A20H1 1-01 *
B20C1 1-02 *
1

1

DELAY XMTR
HEAD BUFFER

9-2/8

211
211
211

RD4
RD4
RD4

A20J1 1-01 *
B20K2 1-02 *
1

1

DELAY XMTR
HEAD BUFFER

8-3/8

212
212
212

RD5
RD5
RD5

A20K1 1-01 *
B20L2 1-02 *
1

1

DELAY XMTR
HEAD BUFFER

8-5/8

213
213
213

RD6
RD6
RD6

A20L1 1-01 *
B20R2 1-02 *
1

1

DELAY XMTR
HEAD BUFFER

9-5/8

214
214
214

RD7
RD7
RD7

A20N1 1-01 *
B20S2 1-02 *
1

1

DELAY XMTR
HEAD BUFFER

9-3/8

215
215
215

RDP
RDP
RDP

A20P1 1-01 *
A20K2 1-02 *
1

1

DELAY XMTR
HEAD BUFFER

7-6/8

216
216
216

RDS
RDS
RDS

L A00F1 1-01 *
L B13B1 1-02 *
1

1

MASTER INT BD
HEAD TIMING

6-3/8

217
217
217

TU10.H(NEW)
RUN NAME

WRP288,V17(17) 06/22/72
A/P PIN ORDER BAY -
NAME PIN ORDER

Q DRAW RV PG Y X Z

REMARKS

25-APR-73

LENGTH

23144

PAGE 24

EXCEPTIONS

RUN

NUMBER

RCY BULB
RCY PULB
RCY FULB

H A22R2 1-01 *
H A23M1 1-02 *
1

1

TRANS PANEL CABLE
LAMP DRIVER

2-7/8

218
218
218

READ COM
READ COM
READ COM

A30M2 1-01 *
A30M1 1-02 * H
A30P2 1-03 * H

1

PEAK DETECTOR

HAND WIRE

219

READ COM
READ COM
READ COM

A30P1 1-04 * H
A30S2 1-05 * H
A30S1 1-06 * H

1

PEAK DETECTOR

TO HERE

219

READ COM
READ COM
READ COM

A31T2 1-07 * H
A31U2 1-08 * H
A30T2 1-09 * H

1

COMPRESSOR

TO HERE

219

READ COM
READ COM
READ COM

A30T1 1-10 * H
B30E2 1-11 * H
B30E1 1-12 * H

1

PEAK DETECTOR

TO HERE

219

READ COM
READ COM
READ COM

B30H2 1-13 * H
B30H1 1-14 * H
B30K2 1-15 * H

1

PEAK DETECTOR

TO HERE

219

READ COM
READ COM
READ COM

B30K1 1-16 * H
B30M2 1-17 * H
B30M1 1-18 * H

1

PEAK DETECTOR

TO HERE

219

READ COM
READ COM
READ COM

B30P2 1-19 * H
B30P1 1-20 * H
B30S2 1-21 * H

1

PEAK DETECTOR

TO HERE

219

READ COM
READ COM
READ COM

B30S1 1-22 * H
1

1

PEAK DETECTOR

H TO WHERE

219

READING
READING
READING

H A10F2 1-01 *
H A12R2 1-02 *
1

1

DATA CHECKER
WRITE + GAP TIMING

60-4/8

220

READY
READY
READY

L A23M2 1-01 *
L B24E1 1-02 *
L B20E1 1-03 *
1

1

LAMP DRIVER
MOTION CONTROL
DELAY XMTR

4-4/8

221

REC
REC
REC

H A12M1 1-01 *
H B09V2 1-02 *
1

1

WRITE + GAP TIMING
CRC + WRITE GATING

10-2/8

222

REC
REC
REC

L A12S1 1-01 *
L B14R1 1-02 *
1

1

WRITE + GAP TIMING
MASTER SLAVE BD

7-6/8

222

REC
REC
REC

L A12S1 1-01 *
L B14R1 1-02 *
1

1

WRITE + GAP TIMING
MASTER SLAVE BD

6-6/8

223

TU10,H(NEW)
RUN NAME

WRP288,V17(17) 06/22/72
PIN ORDER BAY -
NAME PIN ORDER

Q DRAW RV PG Y X Z

REMARKS 25-APR-73 23144 PAGE 27
LENGTH EXCEPTIONS RUN
NUMBER

RUN NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	25-APR-73 LENGTH	23144 EXCEPTIONS	PAGE 27 RUN NUMBER
RS6	H	B28P2		1-01 *								1	READ BUFFER		245
RS6	H	B29P1		1-02 *								1	SLICER		245
				1									2-6/8		245
RS7	H	B28U2		1-01 *								1	READ BUFFER		246
RS7	H	B29S1		1-02 *								1	SLICER		246
				1									2-6/8		246
RSD Ø	H	A13K1		1-01 *								1	READ TIMING		247
RSD Ø	H	A13S2		1-02 *								1	READ TIMING		247
				1									4-0/8		247
RSD Ø	L	A15T2		1-01 *								1	BUS DATA INTERFACE		248
RSD Ø	L	A13N1		1-02 *								2	READ TIMING		248
RSD Ø	L	B13A1		1-03 *								1	READ TIMING		248
				1									9-2/8		248
RSPH		A28F2		1-01 *								1	READ BUFFER		249
RSPH		A29M1		1-02 *								1	SLICER		249
				1									3-6/8		249
RST SEL	L	A13U1		1-01 *								1	READ TIMING		250
RST SEL	L	B11N1		1-02 *								1	COMMAND BUFFER		250
				1									6-0/8		250
RUNNING	L	A25R1		1-01 *								1	FUNCTION CONTROL		251
RUNNING	L	B24E2		1-02 *								1	MOTION CONTROL		251
				1									5-0/8		251
RWCLR	H	B11L2		1-01 *								1	COMMAND BUFFER		252
RWCLR	H	B12H2		1-02 *								1	WRITE + GAP TIMIN		252
				1									2-7/8		252
RWRE	H	A25K2		1-01 *								2	FUNCTION CONTROL		253
RWRE	H	B21N1		1-02 *								1	BUS TRANSCEIVER		253
RWRE	H	B11O1		1-03 *								1	COMMAND BUFFER		253
				1									17-0/8		253
SEL BULB	H	A22T2		1-01 *								1	TRANS PANEL CABLE		254
SEL BULB	H	A23P1		1-02 *								1	LAMP DRIVER		254
				1									2-7/8		254
SEL R	L	A08J1		1-01 *								1	MASTER INT BD		255
SEL R	L	B11U1		1-02 *								1	COMMAND BUFFER		255
				1									8-2/8		255

TU10,H(NEW)
RUN NAME

WRP288,V17(17) 06/22/72
PIN ORDER BAY -
NAME PIN ORDER

Q DRAW RV PG Y X Z

REMARKS 25-APR-73 23144 PAGE 28
LENGTH EXCEPTIONS RUN
NUMBER

RUN NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	25-APR-73 LENGTH	23144 EXCEPTIONS	PAGE 28 RUN NUMBER
SELECT REMOTE	H	B26M1		1-01 *								R1	2	WRITE BUFFER	256
SELECT REMOTE	H	B20K2		1-02 *								R1	1	DELAY XMTR	256
SELECT REMOTE	H	A21K1		1-03 *								R1	1	BUS TRANSCEIVER	256
				1									12-0/8		256
SELECT REMOTE	L	A20C1		1-01 *								2	DELAY XMTR		257
SELECT REMOTE	L	A21F1		1-02 *								1	BUS TRANSCEIVER		257
SELECT REMOTE	L	A23P2		1-03 *								1	LAMP DRIVER		257
				1									8-1/8		257
SERVO SIGNAL		A04P2		1-01 *								1	GAPSTAN SERVO AMP		258
SERVO SIGNAL		A05M1		1-02 *								1	VAC SW+PHR CONT CO		258
				1									2-6/8		258
SET F	L	A14M2		1-01 *								2	MASTER SLAVE BD		259
SET F	L	A11N1		1-02 *								1	COMMAND BUFFER		259
SET F	L	B12R1		1-03 *								1	WRITE + GAP TIMING		259
				1									11-2/8		259
SET PULSE	L	A25F1		1-01 *								1	FUNCTION CONTROL		260
SET PULSE	L	B21U2		1-02 *								1	BUS TRANSCEIVER		260
				1									9-0/8		260
START	L	B23S2		1-01 *								1	SWITCH FILTER		261
START	L	B25M1		1-02 *								1	FUNCTION CONTROL		261
				1									3-7/8		261
START L/S OP	H	B20J2		1-01 *								R1	1	DELAY XMTR	262
START L/S OP	H	B25R1		1-02 *								R1	1	FUNCTION CONTROL	262
				1									6-0/8		262
START SKEW DELAY	H	A20J2		1-01 *								1	READ BUFFER		263
START SKEW DELAY	H	B22S2		1-02 *								1	CLOCK + SKEW DELAY		263
				1									8-2/8		263
START SW		A22L2		1-01 *								1	TRANS PANEL CABLE		264
START SW		B23H2		1-02 *								1	SWITCH FILTER		264
				1									5-6/8		264
STOP	L	B23N2		1-01 *								1	SWITCH FILTER		265
STOP	L	B25H2		1-02 *								1	FUNCTION CONTROL		265
				1									4-1/8		265
STOP SW		A22D2		1-01 *								1	TRANS PANEL CABEL		266
STOP SW		B23L2		1-02 *								1	SWITCH FILTER		266
				1									7-0/8		266

TU10.H(NEW)		WRP288.V17(17) 06/22/72				25-APR-73		23144		PAGE 29					
RUN NAME	A/P	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
		NAME	PIN	ORDER											
SW1		A21P1		1-01 *							1	BUS TRANSCEIVER			267
SW1		A22E1		1-02 *								TRANS PANEL CABLE			267
SW1				1									4-4/8		267
SW2		A21S1		1-01 *							1	BUS TRANSCEIVER			268
SW2		A22F1		1-02 *								TRANS PANEL CABLE			268
SW2				1									4-5/8		268
SW4		A21M1		1-01 *							1	BUS TRANSCEIVER			269
SW4		A22H1		1-02 *								TRANS PANEL CABLE			269
SW4				1									3-6/8		269
TACH VOLTAGE		A04J2		1-01 *							1	CAPSTAN SERVO AMP			270
TACH VOLTAGE		A05T2		1-02 *								VAC SW+PWR CONT CO			270
TACH VOLTAGE				1									4-4/8		270
TRANS SETTling DOWN	L	A24R1		1-01 *							1	MOTION CONTROL			271
TRANS SETTling DOWN	L	B20L1		1-02 *								DELAY XMTR			271
TRANS SETTling DOWN				1									6-0/8		271
UFS	L	A05K2		1-01 *					R1		1	VAC SW+PWR CONT CO			272
UFS	L	B24M2		1-02 *					R1			MOTION CONTROL			272
UFS				1									15-4/8		272
UPPER BRAKE ON	H	B05V2		1-01 *					I		1	BRAKE LOGIC			273
UPPER BRAKE ON	H	B03L2		1-02 *					I			BRAKE ACTUATOR			273
UPPER BRAKE ON				1									4-4/8		273
UPPER BRAKE OUT		A03R2		1-01 *							0	UPPER BRAKE BD			274
UPPER BRAKE OUT		A05M2		1-02 *								VAC SW+PWR CONT CO			274
UPPER BRAKE OUT				1									4-2/8		274
UPR MTR LVS		A03J2		1-01 *					R1		0	UPPER BRAKE BD			275
UPR MTR LVS		A05F2		1-02 *					R1		1	VAC SW+PWR CONT CO			275
UPR MTR LVS		B05K1		1-03 *					R1			BRAKE LOGIC			275
UPR MTR LVS				1									10-6/8		275
UPR MTR SW OPEN	H	A03T2		1-01 *					R1		1	BRAKE ACTUATOR			276
UPR MTR SW OPEN	H	B02F2		1-02 *					R1		0	UPPER MOTOR BOARD			276
UPR MTR SW OPEN	H	B05F2		1-03 *					R1			BRAKE LOGIC			276
UPR MTR SW OPEN				1									9-4/8		276
UPR MTR UPR SW		B02K2		1-01 *					I		1	UPPER REEL MTR BD			277
UPR MTR UPR SW		B05H1		1-02 *					I			BRAKE LOGIC			277
UPR MTR UPR SW				1									4-4/8		277

TU10.H(NEW)		WRP288.V17(17) 06/22/72				25-APR-73		23144		PAGE 30					
RUN NAME	A/P	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
		NAME	PIN	ORDER											
UPR MTR UVS		A05E2		1-01 *					R1		2	VAC SW+PWR CONT CO			278
UPR MTR UVS		A03D2		1-02 *					R1		1	UPPER BRAKEACTUATO			278
UPR MTR UVS		B05R2		1-03 *					R1			BRAKE LOGIC			278
UPR MTR UVS				1									12-0/8		278
V CLAMP		A26R2		1-01 *							1	WRITE BUFFER			279
V CLAMP		B21U1		1-02 *								BUS TRANSCEIVER			279
V CLAMP				1									7-2/8		279
VACUUM ON	H	B24F2		1-01 *							1	MOTION CONTROL			280
VACUUM ON	H	B25D2		1-02 *								FUNCTION CONTROL			280
VACUUM ON				1									3-4/8		280
VACUUM ON	L	A23R2		1-01 *							1	LAMP DRIVER			281
VACUUM ON	L	B24U1		1-02 *								MOTION CONTROL			281
VACUUM ON				1									6-2/8		281
VPE	L	A08J2		1-01 *							1	MASTER INT BD			282
VPE	L	A10C1		1-02 *								DATA CHECKER			282
VPE				1									4-0/8		282
WB CLEAR	L	A25U2		1-01 *							1	FUNCTION CONTROL			283
WB CLEAR	L	B26L1		1-02 *								WRITE BUFFER			283
WB CLEAR				1									5-2/8		283
WRC	H	A12H2		1-01 *							1	WRITE + GAP TIMING			284
WRC	H	A13H2		1-02 *								READ TIMING			284
WRC				1									3-4/8		284
WRC	L	A13D2		1-01 *							1	READ TIMING			285
WRC	L	B12J2		1-02 *								WRITE + GPA TIMING			285
WRC				1									6-6/8		285
WRITE BULB	H	A22S2		1-01 *							1	TRANS PANEL CABEL			286
WRITE BULB	H	A23N1		1-02 *								LAMP DRIVER			286
WRITE BULB				1									2-7/8		286
WRITE ENABLE	H	A25U1		1-01 *							1	FUNCTION CONTROL			287
WRITE ENABLE	H	A27A1		1-02 *								HEAD DRIVER			287
WRITE ENABLE				1									6-0/8		287
WRITE ENABLE	L	A20B1		1-01 *							1	DELAY XMTR			288
WRITE ENABLE	L	A23N2		1-02 *							2	LAMP DRIVER			288
WRITE ENABLE	L	A25S1		1-03 *							1	FUNCTION CONTROL			288
WRITE ENABLE	L	A31D1		1-04 *								COMPRESSOR			288
WRITE ENABLE				1									16-6/8		288

TU14, H (NEW)		WRP288, V17 (17) 06/22/72				25-APR-73		23144		PAGE 31							
RUN NAME		A/P	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN	NUMBER
			NAME	PIN	ORDER												
WRITE LOCK	L	A25E1		1-01 *									FUNCTION CONTROL			289	
WRITE LOCK	L	A23E2		1-02 *									LAMP DRIVER			289	
WRITE LOCK	L	B20U1		1-03 *									DELAY XMTR			289	
WRITE LOCK	L	A02J1		1-04 *									VAC SW+PWR CONT CO			289	
				1										27-0/8		289	
WRITE STROBE	H	B21T2		1-01 *									BUS TRANSCEIVER			290	
WRITE STROBE	H	B26P1		1-02 *									WRITE BUFFER			290	
				1										5-4/8		290	
WRS	L	A08F2		1-01 *									MASTER INT BD			291	
WRS	L	B12B1		1-02 *									WRITE + GAP TIMING			291	
				1										6-2/8		291	
X RD 0	L	A08A1		1-01 *									MASTER INT BD			292	
X RD 0	L	B10U2		1-02 *									DATA CHECKER			292	
				1										9-0/8		292	
X RD 1	L	A08B1		1-01 *									MASTER INT BD			293	
X RD 1	L	B10T2		1-02 *									DATA CHECKER			293	
				1										8-6/8		293	
X RD 2	L	A08H1		1-01 *									MASTER INT BD			294	
X RD 2	L	B10V1		1-02 *									DATA CHECKER			294	
				1										8-2/8		294	
X RD 3	L	A08K1		1-01 *									MASTER INT BD			295	
X RD 3	L	B10V2		1-02 *									DATA CHECKER			295	
				1										8-2/8		295	
X RD 4	L	A08L1		1-01 *									MASTER IN BD			296	
X RD 4	L	A10B1		1-02 *									DATA CHECKER			296	
				1										4-4/8		296	
X RD 5	L	A08N1		1-01 *									MASTER INT BD			297	
X RD 5	L	A10H1		1-02 *									DATA CHECKER			297	
				1										4-1/8		297	
X RD 6	L	A08R1		1-01 *									MASTER INT BD			298	
X RD 6	L	A10J1		1-02 *									DATA CHECKER			298	
				1										4-2/8		298	
X RD 7	L	A08S1		1-01 *									MASTER INT BD			299	
X RD 7	L	A10P1		1-02 *									DATA CHECKER			299	
				1										4-2/8		299	

TU2, H (NEW)		WRP288, V17 (17) 06/22/72				25-APR-73		23144		PAGE 32							
RUN NAME		A/P	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN	NUMBER
			NAME	PIN	ORDER												
X RD 0	L	A08M1		1-01 *									MASTER INT BD			300	
X RD 0	L	A10H2		1-02 *									DATA CHECKER			300	
				1										4-6/8		300	
ZW1	L	A09J1		1-01 *									CRC + WRITE GATING			301	
ZW1	L	A14U2		1-02 *									MASTER SLAVE BD			301	
				1										6-6/8		301	
ZW1	L	A09J2		1-01 *									CRC + WRITE GATING			302	
ZW1	L	B14E1		1-02 *									MASTER SLAVE BD			302	
				1										6-2/8		302	
ZW1	L	A09K1		1-01 *									CRC + WRITE GATING			303	
ZW1	L	A14N1		1-02 *									MASTER SLAVE BD			303	
				1										6-0/8		303	
ZW1	L	A09N2		1-01 *									CRC + WRITE GATING			304	
ZW1	L	A14L1		1-02 *									MASTER SLAVE BD			304	
				1										5-4/8		304	
ZW1	L	A09R2		1-01 *									CRC + WRITE GATING			305	
ZW1	L	A14J1		1-02 *									MASTER SLAVE BD			305	
				1										6-0/8		305	
ZW1	L	A09T2		1-01 *									CRC + WRITE GATING			306	
ZW1	L	A14F2		1-02 *									MASTER SLAVE BD			306	
				1										6-6/8		306	
ZW1	L	A09V2		1-01 *									CRC + WRITE GATING			307	
ZW1	L	A14D1		1-02 *									MASTER SLAVE BD			307	
				1										6-2/8		307	
ZW1	L	A09U2		1-01 *									CRC + WRITE GATING			308	
ZW1	L	A14S1		1-02 *									MASTER SLAVE BD			308	
				1										5-4/8		308	
ZW1	L	A09D2		1-01 *									CRC + WRITE GATING			309	
ZW1	L	B14S2		1-02 *									MASTER SLAVE BD			309	
				1										9-4/8		309	

TU10.H(NEW) RUN NAME	A/P	WRP288,V17(17) 06/22/72 PIN ORDER NAME PIN ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	25-APR-73 LENGTH	23144 EXCEPTIONS	PAGE 31 RUN NUMBER
WRITE LOCK	L	A25E1	1-01 *							1	FUNCTION CONTROL			289
WRITE LOCK	L	A23E2	1-02 *							2	LAMP DRIVER			289
WRITE LOCK	L	B20U1	1-03 *							1	DELAY XMTR			289
WRITE LOCK	L	A05J1	1-04 *								VAC SW+PWR CONT CO			289
WRITE LOCK			1									27-0/8		289
WRITE STROBE	H	B21T2	1-01 *							1	BUS TRANSCEIVER			290
WRITE STROBE	H	B26P1	1-02 *								WRITE BUFFER			290
WRITE STROBE			1									5-4/8		290
WRS	L	A08F2	1-01 *							1	MASTER INT BD			291
WRS	L	B12B1	1-02 *								WRITE + GAP TIMING			291
WRS			1									6-2/8		291
X RD 0	L	A08A1	1-01 *							1	MASTER INT BD			292
X RD 0	L	B10U2	1-02 *								DATA CHECKER			292
X RD 0			1									9-0/8		292
X RD 1	L	A08B1	1-01 *							1	MASTER INT BD			293
X RD 1	L	B10T2	1-02 *								DATA CHECKER			293
X RD 1			1									8-6/8		293
X RD 2	L	A08H1	1-01 *							1	MASTER INT BD			294
X RD 2	L	B10V1	1-02 *								DATA CHECKER			294
X RD 2			1									8-2/8		294
X RD 3	L	A08K1	1-01 *							1	MASTER INT BD			295
X RD 3	L	B10V2	1-02 *								DATA CHECKER			295
X RD 3			1									8-2/8		295
X RD 4	L	A08L1	1-01 *							1	MASTER IN BD			296
X RD 4	L	A10B1	1-02 *								DATA CHECKER			296
X RD 4			1									4-4/8		296
X RD 5	L	A08N1	1-01 *							1	MASTER INT BD			297
X RD 5	L	A10H1	1-02 *								DATA CHECKER			297
X RD 5			1									4-1/8		297
X RD 6	L	A08R1	1-01 *							1	MASTER INT BD			298
X RD 6	L	A10J1	1-02 *								DATA CHECKER			298
X RD 6			1									4-2/8		298
X RD 7	L	A08S1	1-01 *							1	MASTER INT BD			299
X RD 7	L	A10P1	1-02 *								DATA CHECKER			299
X RD 7			1									4-2/8		299

TU10.H(NEW) RUN NAME	A/P	WRP288,V17(17) 06/22/72 PIN ORDER NAME PIN ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	25-APR-73 LENGTH	23144 EXCEPTIONS	PAGE 32 RUN NUMBER
X RD 1	L	A08M1	1-01 *							1	MASTER INT BD			300
X RD 1	L	A10H2	1-02 *								DATA CHECKER			300
X RD 1			1									4-6/8		300
ZW0	L	A09J1	1-01 *							1	CRC + WRITE GATING			301
ZW0	L	A14U2	1-02 *								MASTER SLAVE BD			301
ZW0			1									6-6/8		301
ZW1	L	A09J2	1-01 *							1	CRC + WRITE GATING			302
ZW1	L	B14E1	1-02 *								MASTER SLAVE BD			302
ZW1			1									6-2/8		302
ZW2	L	A09K1	1-01 *							1	CRC + WRITE GATING			303
ZW2	L	A14N1	1-02 *								MASTER SLAVE BD			303
ZW2			1									6-0/8		303
ZW3	L	A09N2	1-01 *							1	CRC + WRITE GATING			304
ZW3	L	A14L1	1-02 *								MASTER SLAVE BD			304
ZW3			1									5-4/8		304
ZW4	L	A09R2	1-01 *							1	CRC + WRITE GATING			305
ZW4	L	A14J1	1-02 *								MASTER SLAVE BD			305
ZW4			1									6-0/8		305
ZW5	L	A09T2	1-01 *							1	CRC + WRITE GATING			306
ZW5	L	A14F2	1-02 *								MASTER SLAVE BD			306
ZW5			1									6-6/8		306
ZW6	L	A09V2	1-01 *							1	CRC + WRITE GATING			307
ZW6	L	A14D1	1-02 *								MASTER SLAVE BD			307
ZW6			1									6-2/8		307
ZW7	L	A09U2	1-01 *							1	CRC + WRITE GATING			308
ZW7	L	A14S1	1-02 *								MASTER SLAVE BD			308
ZW7			1									5-4/8		308
ZW8	L	A09D2	1-01 *							1	CRC + WRITE GATING			309
ZW8	L	B14S2	1-02 *								MASTER SLAVE BD			309
ZW8			1									9-4/8		309

MASTER DRAWING LIST

MAINTENANCE MANUALS		UNIT VARIATIONS													
		H730-A	H730-B	H730-C	H730-D										
NO.	TITLE														
H730-0	POWER SUPPLY	X	X	X	X										

USED ON OPTIONS														

REVISIONS		REV.	DATE	CHG. NO.	APP'D.		DRN.	DATE	digital	EQUIPMENT CORPORATION				
						P. LEBLANC	12-30-	MAYNARD, MASSACHUSETTS						
						CHK'D.	DATE							
						J. FLEMING	1-8-71	TITLE H730 POWER SUPPLY						
						ENG.	DATE							
						J. BARDONE	2-11-71							
						PROJ. ENG.	DATE							
						J. BARDONE	2-11-71							
						PROD.	DATE							
						B. CROSS	2-11-71							
						FIRST USED ON			SIZE	CODE	NUMBER	REV.		
						TU10			A	ML	H730-0	D		
						SCALE								
						SHEET 1 OF 2			DIST.					

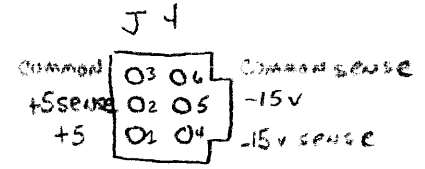
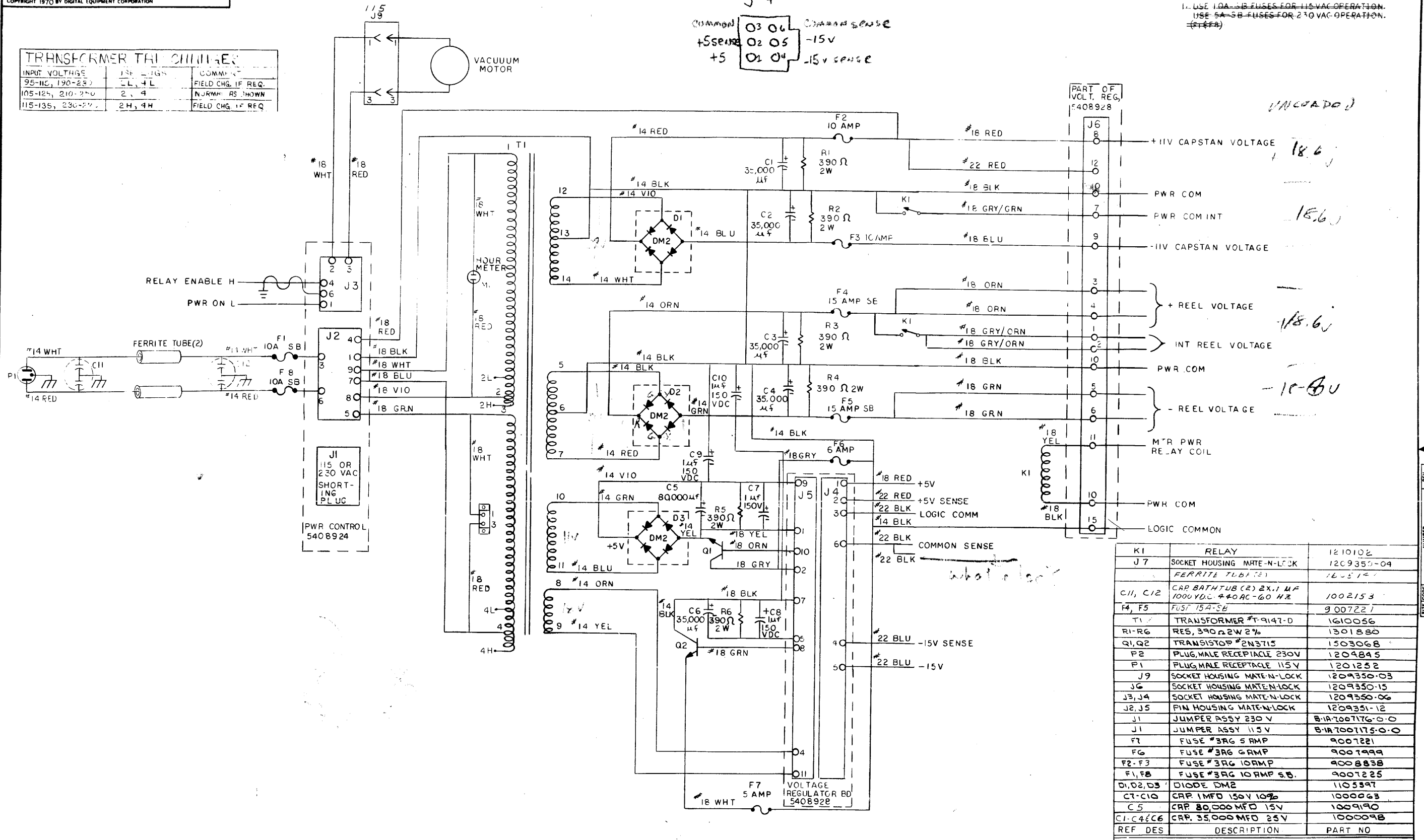
PRINT SE		DWG. NO.	REV. LET.	NO. OF SHEETS	TITLE	OPTION NO.		
X		D-DI-H730-0-2	D	1	DRAWING INDEX			
X		D-UA-H730-0-0	K	4	H730 POWER SUPPLY			
X		A-PL-H730-0-0	K	4	H730 POWER SUPPLY (PL)			
X		D-CS-H730-0-1	D	1	H730 CIRCUIT SCHEMATIC			
X		D-CS-5408928-0-1	*	1	VOLTAGE REGULATOR CIRCUIT SCHEMATIC			
X		C-CS-5408924-0-1	*	1	POWER CONTROL CIRCUIT SCHEMATIC			
TITLE		H730 POWER SUPPLY			SHEET 2 OF 2	SIZE CODE A ML	NUMBER H730-0	REV. D

DRA 132
DEC 16 (325) 1048 1-N4/1

THIS SCHEMATIC IS FURNISHED ONLY FOR TEST AND MAINTENANCE PURPOSES. THE CIRCUITS ARE PROPRIETARY IN NATURE AND SHOULD BE TREATED ACCORDINGLY. COPYRIGHT 1970 BY DIGITAL EQUIPMENT CORPORATION

NOTE:
 1. USE 10A-3B FUSES FOR 115 VAC OPERATION.
 2. USE 5A-3B FUSES FOR 230 VAC OPERATION.
 (F1-F8)

TRANSFORMER TAP CHANGES		
INPUT VOLTAGE	USE TAPS	COMMENTS
95-110, 190-230	2L, 4L	FIELD CHG. IF REQ.
105-125, 210-250	2, 4	NORMAL AS SHOWN
115-135, 230-270	2H, 4H	FIELD CHG. IF REQ.



REF DES	DESCRIPTION	PART NO
K1	RELAY	1210102
J7	SOCKET HOUSING MATE-N-LOCK	1209350-09
	FERRITE TUBE (2)	1002153
C11, C12	CAP BATH TUB (2) 2X.1 MF 1000VDC 4+0AC-60 HZ	1002153
F4, F5	FUSE 15A-3B	9007221
T1	TRANSFORMER #T-9147-D	1610056
R1-R6	RES, 390Ω 2W 2%	1301880
Q1, Q2	TRANSISTOR #2N3715	1503068
P2	PLUG, MALE RECEPTACLE 230V	1209895
P1	PLUG, MALE RECEPTACLE 115V	1201252
J9	SOCKET HOUSING MATE-N-LOCK	1209350-03
J6	SOCKET HOUSING MATE-N-LOCK	1209350-15
J3, J4	SOCKET HOUSING MATE-N-LOCK	1209350-06
J2, J5	PIN HOUSING MATE-N-LOCK	1209351-12
J1	JUMPER ASSY 230 V	B-1A-7007176-0-0
J1	JUMPER ASSY 115 V	B-1A-7007175-0-0
F7	FUSE #3AG 5 AMP	9007221
F6	FUSE #3AG 6 AMP	9007999
F2-F3	FUSE #3AG 10AMP	9008838
F1, F8	FUSE #3AG 10AMP 5B	9007225
D1, D2, D3	DIODE DM2	1105397
C1-C10	CAP 1MFD 150V 10%	1000063
C5	CAP 80,000 MFD 15V	1009190
C1-C4, C6	CAP 35,000 MFD 25V	1000098
REF DES	DESCRIPTION	PART NO

REVISIONS	CHG NO	REV	DATE	BY	CHKD
	1	1	11-71	W. B. ...	
	2	1	11-71	W. B. ...	
	3	1	11-71	W. B. ...	
	4	1	11-71	W. B. ...	
	5	1	11-71	W. B. ...	

DATE	BY	CHKD
11-71	W. B. ...	
11-71	W. B. ...	
11-71	W. B. ...	

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA

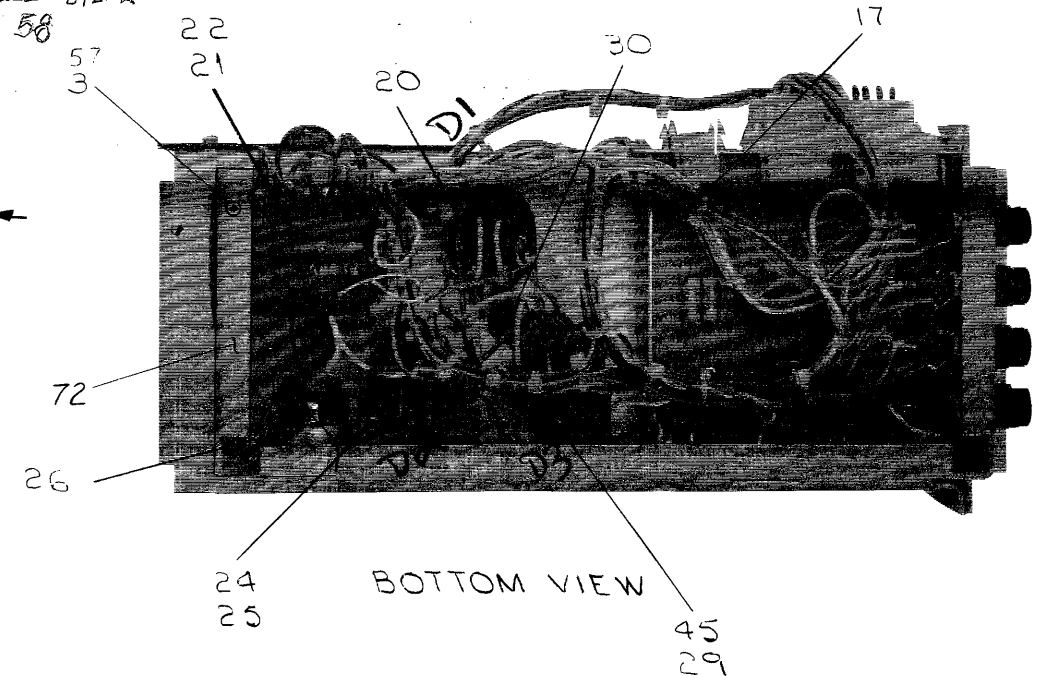
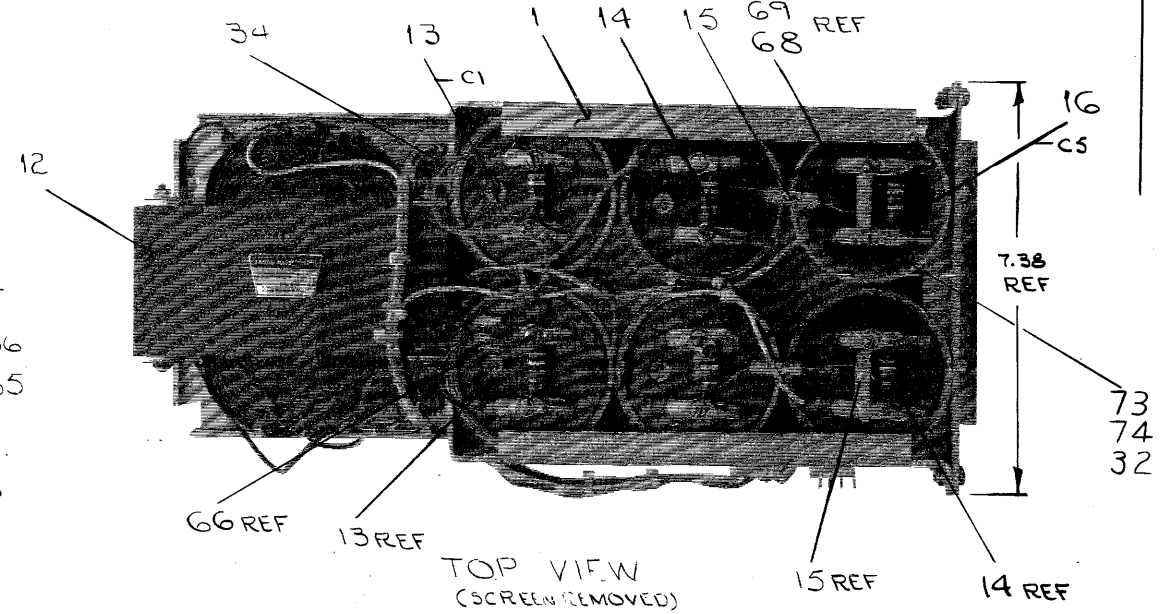
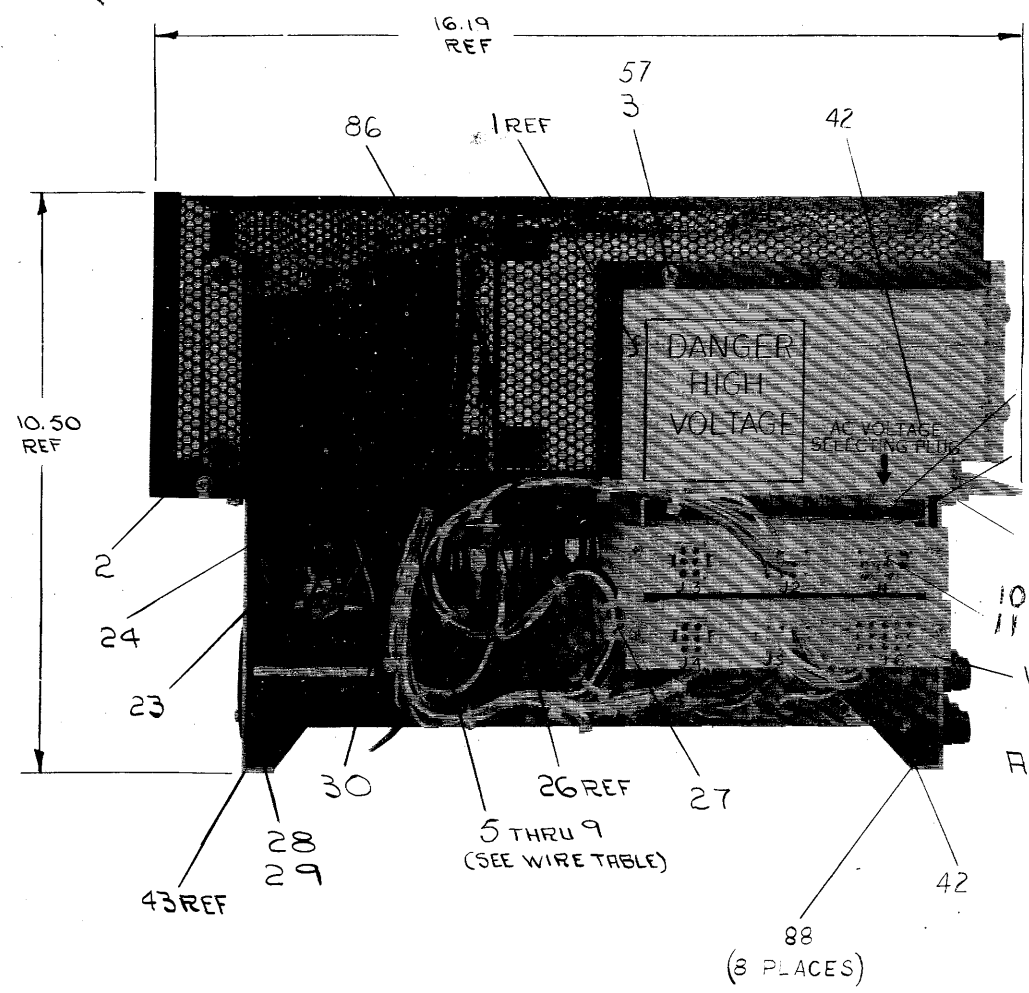
digital
 EQUIPMENT CORPORATION
 H730 POWER SUPPLY
 SIZE CODE D CS H730-0-1
 NUMBER 1
 REV E

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0-0-082HVA 2

NUMBER	VARIATION
H730-A	115V 60 HZ
H730-B	230V 60 HZ
H730-C	115V 50 HZ
H730-D	230V 50 HZ

NOTES
 1. FOR DRAWING INDEX LIST, REFER TO: D-DI-H730-0-2.
 2. BEFORE ASSEMBLY OF ITEM *1 TO ITEM *43 APPLY A FILM OF THERMAL COMPOUND (ITEM *58) TO THE MATING SURFACES.



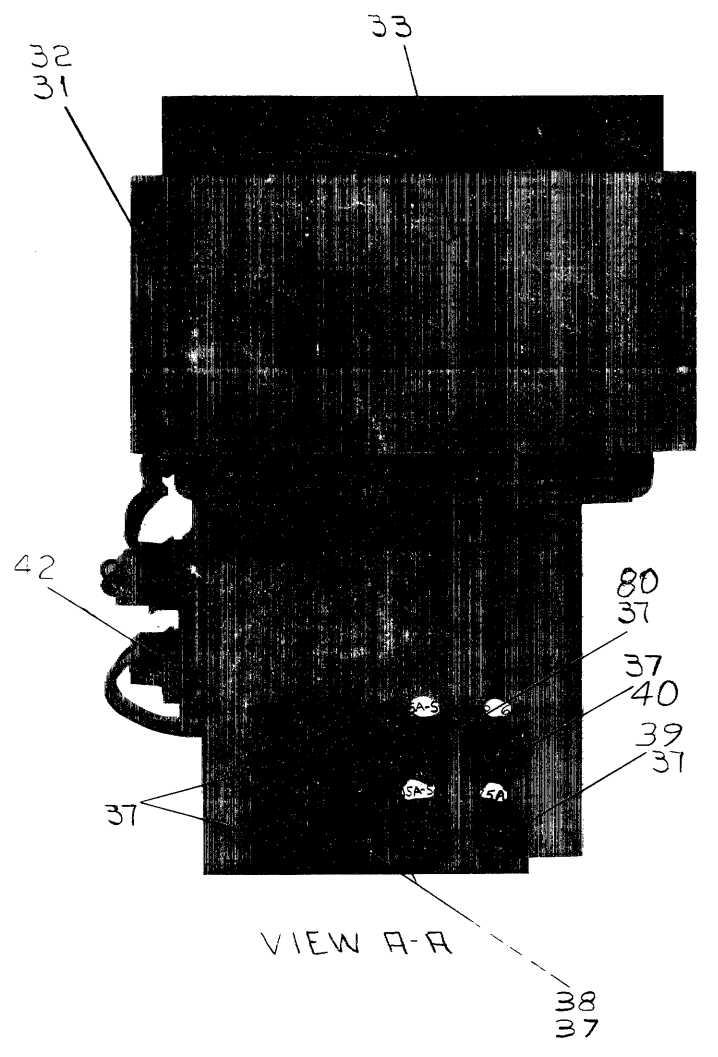
REV.	CHG.	NO.	DATE	BY	DESCRIPTION
A					
B			15/71	Bardone	H730-00001
C			6/71	Bardone	H730-00002
D			2/71	Bardone	H730-00003
E				McGowan	H730-00004
F				Bardone	H730-00005
G				Bardone	H730-00006
H				Bardone	H730-00007
I				Bardone	H730-00008
J				Bardone	H730-00009
K				Bardone	H730-00010

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
FIRST USED ON OPTION/ MODEL TUI0		DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED	
TOLERANCES DECIMALS FRACTIONS ANGLES ±.005 ±.004 ±.030		DATE 18 Dec 71 DATE 1-23-71 DATE 1-28-71 DATE 1-29-71	
MATERIAL		TITLE H730 POWER SUPPLY	
FINISH		NEXT HIGHER ASSY D-D-700E756-C-0	
SCALE NONE		SIZE CODE DUA H730-0-0	
SHEET OF 4		NUMBER H730-0-0	
		REV. K	

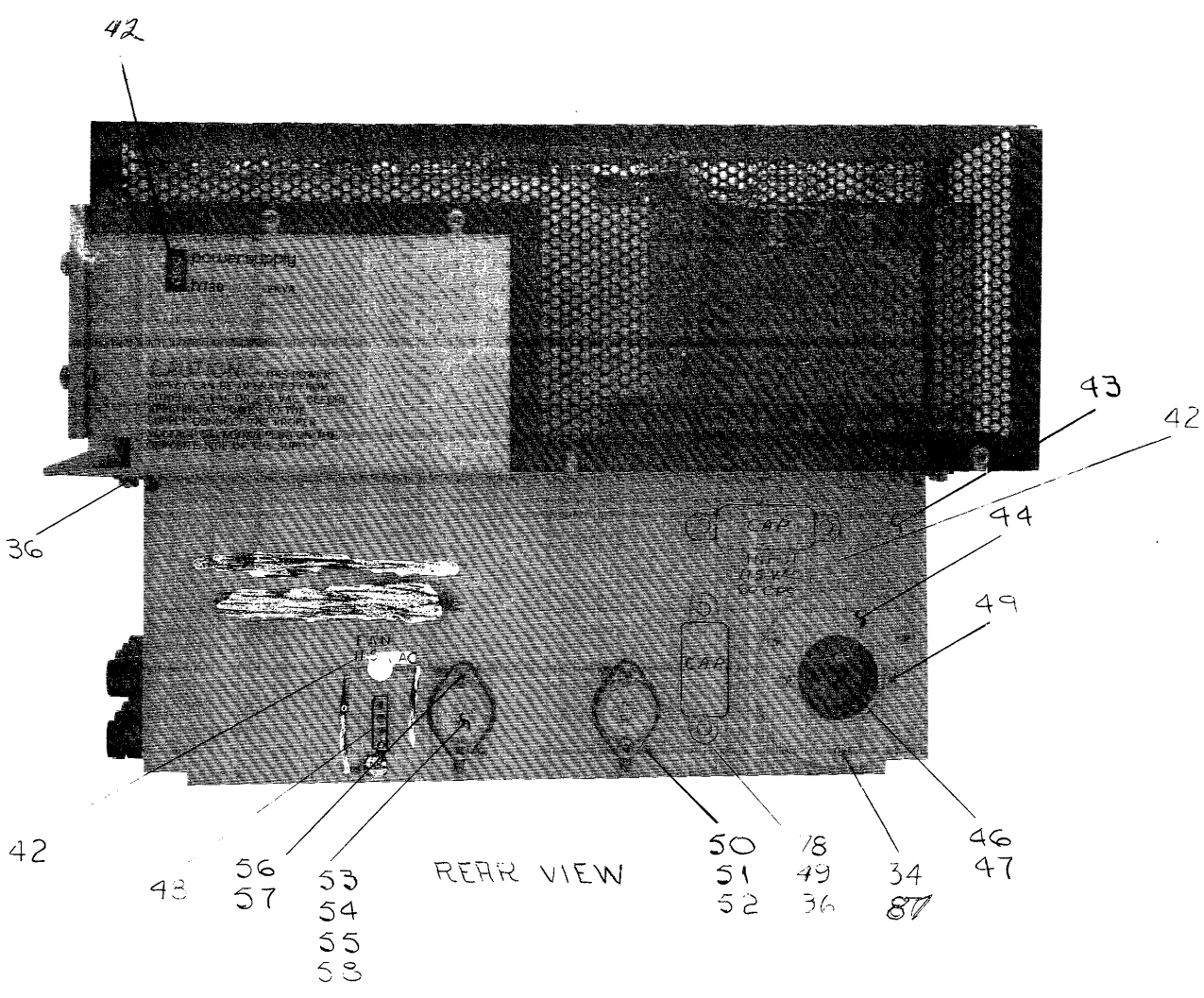
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REV. 2
 SIZE CODE DUA
 NUMBER 0-0-0-0-0-0

D
 C
 B
 A



VIEW A-A



REAR VIEW

REVISION	REV.
CHANGE N.	
CHK	

FIRST USED ON OPTION / MODEL
 TU0

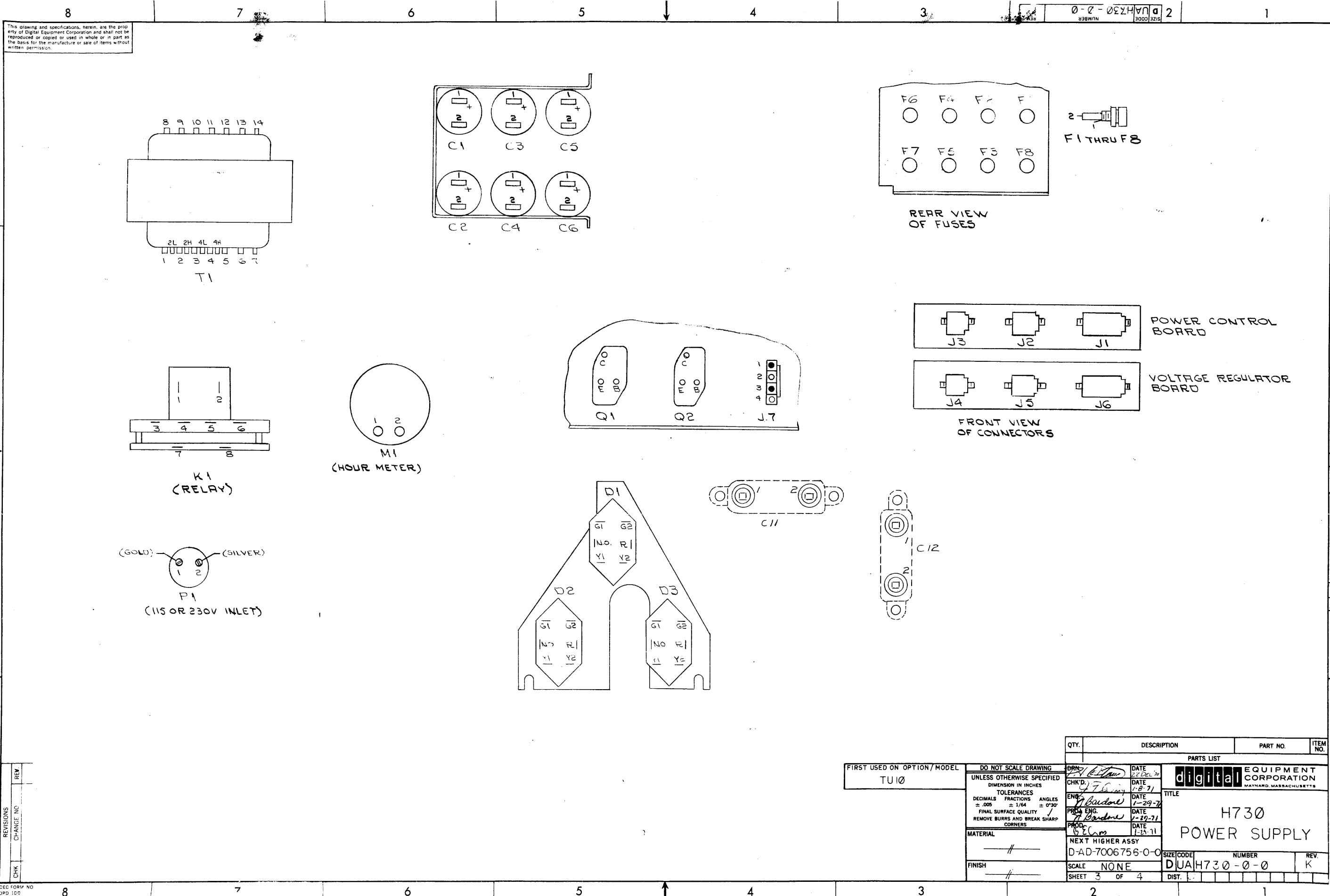
DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES
TOLERANCES
DECIMALS FRACTIONS ANGLES
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS
MATERIAL
FINISH

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN: <i>V. Blane</i> DATE: 1/28/71		digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
CHK'D: <i>J. J. Conn</i> DATE: 1/8/71	TITLE		
ENG: <i>J. J. Conn</i> DATE: 1-29-71	H730		
PROJ. ENG. <i>J. J. Conn</i> DATE: 1-29-71	POWER SUPPLY		
PROD. <i>B. Elms</i> DATE: 1-29-71	NEXT HIGHER ASSY	D-AD-7006756-0-0	SIZE CODE
SCALE NONE	SHEET 2 OF 4	DUA	H730-0-0
			REV. K

8 7 6 5 4 3 2 1

REV. K
 NUMBER H730-0-0
 SIZE CODE DUA

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REV	
CHK	
CHG	
NO	

DEC FORM NO. 100

FIRST USED ON OPTION/MODEL
TU10

DO NOT SCALE DRAWING		
UNLESS OTHERWISE SPECIFIED		
DIMENSION IN INCHES		
DECIMALS	FRACTIONS	ANGLES
± .005	± 1/64	± 0°30'
FINAL SURFACE QUALITY		
REMOVE BURRS AND BREAK SHARP CORNERS		
MATERIAL	— # —	
FINISH	— # —	

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN: <i>P. J. [Signature]</i>	DATE: 22 Dec 70	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
CHK'D: <i>J. F. [Signature]</i>	DATE: 1-8-71	TITLE: H730 POWER SUPPLY	
ENG: <i>J. [Signature]</i>	DATE: 1-29-71	NEXT HIGHER ASSY: D-AD-7006756-0-0	
PRD: <i>J. [Signature]</i>	DATE: 1-29-71	SIZE CODE: DUAH730-0-0	NUMBER: K
PROD: <i>J. [Signature]</i>	DATE: 1-29-71	SCALE: NONE	REV: K
SHEET 3 OF 4		DIST.:	

REV. K
NUMBER DUAH730-0-0
SIZE CODE D

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WIRE TABLE					
ITEM NO	DESCRIPTION	FROM HARNESS		TO POWER SUPPLY LOCATION	REMARKS
		HWG	POINT NUMBER		
5	14 VIO		1	D1-G1	
	WHT		2	D1-G2	
	GRN		3	D3-G2	
	BLU		4	D3-G1	
	RED		5	D2-G2	
	BLK		6	D2-G1	
	BLK		7	T1-5	
	RED		8	T1-7	
	BLU		9	T1-11	
	GRN		10	T1-10	
	WHT		11	T1-14	
5	14 VIO		12	T1-12	
6	18 BLK		1	K1-5	
	18 ORN		2	K1-4	
	14 RED		3	C12-1	
	TWP WHT		4	C12-2	
	14 GRN		5	D2-NO	
	14 ORN		6	D2-R	
	14 BLU		7	D1-NO	
	14 RED		8	D1-R	
	14 WHT		9	F1-2	
	TWP RED		10	F8-2	
	14 BLU		11	F3-1	
	14 RED		12	F2-1	
	14 GRN		13	F5-1	
	14 ORN		14	F4-1	
	18 ORN		15	F4-2	
	18 WHT		16	F7-1	
	18 BLK		17	F6-1	
6	18 WHT		18	Q2-E	
7	-		J6	J6 SLOT	
	14 BLK		14	K1-1	
	14 BLK		15	K1-5	
	18 GRN/ORN		16	K1-3	
	18 GRN/ORN		17	K1-3	
	18 GRN/GRN		18	K1-6	
	18 YEL		19	K1-2	
	22 RED		20	F2-2	
	18 RED		21	F2-2	
	BLU		22	F3-2	
	GRN		23	F5-2	
	GRN		24	F5-2	
	ORN		25	F4-2	
	18 ORN		26	F4-2	
7	14 BLK		27	F7-2	
8	BLU		1	D1-NO	
	GRN		2	D2-NO	
	BLK		3	Q2-C	
	YEL		4	D3-NO	
8	14 VIO		5	D3-R	

WIRE TABLE					
ITEM NO	DESCRIPTION	FROM HARNESS		TO POWER SUPPLY LOCATION	REMARKS
		HWG	POINT NUMBER		
8	14 ORN		6	D2-R	
	RED		7	D1-R	
	RED		8	C1-1	
	ORN		9	C3-1	
	YEL		10	C5-2	
	VIO		11	C5-1	
	BLK		12	C6-1	
	GRN		13	C4-2	
8	14 BLU		14	C2-2	
9	-		J2	J2 SLOT	
	18 RED		9	M1-2	
	TWP WHT		10	M1-1	
	14 BLK		11	K1-1	
	BLK		12	C2-1	
	WHT		13	C6-2	
	YEL		14	T1-9	
	14 ORN		15	T1-8	
	18 RED		16	T1-2	
	TWP WHT		17	T1-1	
	18 RED		18	T1-3	
	TWP WHT		19	T1-4	
	18 GRN		20	T1-3	
	WHT		21	T1-1	
	VIO		22	T1-2	
	BLU		23	T1-4	
	ORN		24	Q1-B	
	18 YEL		25	Q1-E	
	14 VIO		26	D3-R	
	18 GRN		27	Q1-C	
	BLK		28	F6-1	
	GRN		29	F6-2	
	RED		30	F2-2	
	18 GRN		31	F6-2	
	14 WHT		32	F1-1	
	TWP RED		33	F8-1	
	18 BLK		34	Q2-C	
	18 GRN		35	Q2-B	
	-		J7	J7 SLOT	
9	-		J5	J5 SLOT	

JUMPER TABLE						
ITEM NO	DESCRIPTION	FROM HWG	FROM P.S. LOCATION	WITH	TO P.S. LOCATION	WITH
			D1-Y1		D1-G1	
			D2-Y2		D2-G2	
			D2-Y1		D2-G1	
			D3-Y2		D3-G2	
60			D3-Y1		D3-G1	
61		YEL	D3-NO		Q1-E	
62		BLK	T1-6		C2-1	66
62			T1-13		C1-2	
63			C1-2		C3-2	
63			C3-2		C4-1	
63			C2-1		C4-1	
64			C2-1		CHASSIS GND	
64	14		CHASSIS GND		FRAME GND	
65	18	BLK	F7-2		FG-1	
73	14	WHT	C11-2		P1-1 (SILVER)	
		RED	C11-1		P1-2 (GOLD)	
74	14	WHT	C11-2		C12-2	
75	14	RED	C11-1		C12-1	

EXTERNAL COMPONENTS LIST						
ITEM NO	DESCRIPTION	POL	FROM	TO	POL	WITH
14	RES 390n2W10%		C1-1	C1-2		67,68
			C2-1	C2-2		67,68
			C3-1	C3-2		67,68
			C4-1	C4-2		67,68
			C5-1	C5-2		67,69
14	RES 390n2W10%		C6-1	C6-2		67,68
15	CRP 1MFD 150V 10%	NEG	C3-2	C5-1	POS	70,68
		POS	C4-1	C6-2	NEG	70,68
		POS	C5-1	C5-2	NEG	70,68
15	CRP 1MFD 150V 10%	POS	C6-1	C6-2	NEG	70,68

REV	0
CHANGE	
CHK	

FIRST USED ON OPTION / MODEL
TU10

DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES
DECIMALS FRACTIONS ANGLES
± .005 ± 1/64 ± 0°30'
REMOVE BURRS AND BREAK SHARP CORNERS
MATERIAL
FINISH

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN.	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
CHK'D.	DATE	TITLE	
ENG.	DATE	11700 POWER SUPPLY	
PROD.	DATE	NEXT HIGHER ASSY	
DAD 7006750 0 0		SIZE/CODE	NUMBER
SCALE NONE		DUA H730-0-0	REV
SHEET 4	OF 4	DIST.	

REV. K
NUMBER
DUA H730-0-0
B

DIGITAL EQUIPMENT CORPORATION

MAYNARD, MASSACHUSETTS

PARTS LIST

CHECKED J. FLEMING SECTION

QUANTITY / VARIATION

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	H730-A	H730-B	H730-C	H730-D									
		LOCK WASH #6 EXT TOOTH	12	12	12	12									
	D-IA-7007102-0-0	HARNESS, DIODES	1	1	1	1									
	D-IA-7007101-0-0	HARNESS, FUSE	1	1	1	1									
	D-IA-7007100-0-0	HARNESS, CONN. PLUG	1	1	1	1									
	D-IA-7007099-0-0	HARNESS, CAP. TO DIODES	1	1	1	1									
	D-IA-7007103-0-0	HARNESS, CONNECTOR	1	1	1	1									
	D-IA-7007175-0-0	115V JUMPER ASSEMBLY	1	Ø	1	Ø									
	D-IA-7007176-0-0	230V JUMPER ASSEMBLY	Ø	1	Ø	1									
12	1510056	TRANSFORMER #T-9147D KAPITOL MAGNETICS	1	1	1	1									
13	1000093	CAPACITOR, 35,000 MFD 25V	5	5	5	5									
14	1301880	RESISTOR, 39Ø 2W 1Ø%	6	6	6	6									
15	1000063	CAPACITOR 1 MFD 15ØV 1Ø%	4	4	4	4									
16	1009190	CAPACITOR 80,000 MFD 15V	1	1	1	1									
17	D-IA-5308948-0-0	BRACKET, REGULATOR BOARDS	1	1	1	1									
18	D-IA-5408924-0-0	POWER CONTROL BOARD	1	1	1	1									
19	D-IA-5408928-0-0	VOLTAGE REGULATOR BOARD	1	1	1	1									
20	1105397	DIODE #DM2	3	3	3	3									
21	1201208	HOUR METER 115V 6Ø HZ	1	1	Ø	Ø									
22	1202234	HOUR METER 115V 5Ø HZ	Ø	Ø	1	1									

TITLE	H73Ø POWER SUPPLY	ASSY NO.	D-UA-H73Ø-Ø-Ø	SIZE	A	CODE	PL	NUMBER	H73Ø-Ø-Ø	REV.	K	ECO NO.	H73Ø-00010
		SHEET	1	OF	5	DIST.	6						

DIGITAL EQUIPMENT CORPORATION

MAYNARD, MASSACHUSETTS

PARTS LIST

QUANTITY / VARIATION

MADE BY	P.J. LEBLANC	CHECKED	J. FLEMING	SECTION											
DATE	12-18-70	DATE	1-8-71	1											
ENG	<i>J. Boyle</i>	PROD	<i>BE Gans</i>	ISSUED SECT.											
DATE	1-27-71	DATE	1-29-71	1											
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	H730-A	H730-B	H730-C	H730-D									
23	1210102	RELAY	1	1	1	1									
24	9006803	SPACER 1/4 AF X 1/2 LG X #6 HOLE	3	3	3	3									
25	9008185	NUT, KEPS #6-32 (SMALL)	5	5	5	5									
26	C-MD-5308370-0-0	PLATE, RECTIFIER	1	1	1	1									
27	9007081	CABLE CLAMP NYLON 1/4 DIA	1	1	1	1									
28	9006012-1	SCR PHL HD PAN #4-40 X 7/16	3	3	3	3									
29	9006557	NUT, KEP #4-40	9	9	9	9									
30	9007151	SNAP RUSHING BLK NYLON #750-10	2	2	2	2									
31	9006073-1	SCR PHL HD PAN #10-32 X 1/2 LG	4	4	4	4									
32	9006635	LOCK WASH #10 INT TOOTH	28	28	28	28									
33	C-IA-5308785-0-0	COVER, BRACKET POWER SUPPLY	1	1	1	1									
34	9006565	NUT KEPS #10-32	7	7	7	7									
35	9006022-2	SCR PHL HD FLAT #6-32 X 3/8	4	4	4	4									
36	9006560	NUT, KEPS #6-32 (LARGE)	14	14	14	14									
37	9007242	FUSE HOLDER HKP	8	8	8	8									
38	9008838	FUSE #3AG 10 AMP	2	2	2	2									
39	9007221	FUSE #3AG 5 AMP	1	1	1	1									
40	9007999	FUSE #3AG 6 AMP	1	1	1	1									
41	9007225	FUSE #3AG 10 AMP SB	2	2	2	2									
42	D-DC-5309349-0-0	POWER SUPPLY LABEL	1	1	1	1									
43	D-IA-5308784-0-0	CHASSIS, POWER SUPPLY SUPPORT	1	1	1	1									
44	D-MD-5308787-1-0	ADAPTER PLATE 115V	1	0	1	0									

TITLE	H73Ø POWER SUPPLY	ASSY NO.	D-UA-H73Ø-Ø-Ø	SIZE	A	CODE	PL	NUMBER	H73Ø-Ø-Ø	REV.	K	ECO NO.	
		SHEET	2	OF	5	DIST.							

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS				QUANTITY / VARIATION													
PARTS LIST				H730-A	H730-B	H730-C	H730-D										
MADE BY P.J. LEBLANC		CHECKED J. FLEMING						SECTION									
DATE 12-18-70		DATE 1-8-71		1													
ENG <i>J. Barbone</i>		PROD <i>BEG</i>		ISSUED SECT.													
DATE 1-29-71		DATE 1-29-71		1													
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION															
45	9006015-1	SCR PHL HD PAN #4-40 X 3/4 LG		6	6	6	6										
46	1201252	PLUG, MALE RECEPTACLE 115V		1	0	1	0										
47	9008854	PLUG, MALE RECEPTACLE 230V		0	1	0	1										
48	1209350-04	SOCKET HOUSING MATE 'N' LOCK		1	1	1	1										
49	9006022-1	SCR PHL HD PAN #6-32 X 3/8 SST		6	6	6	6										
50	9006004-1	SCR PHL HD PAN #2-56 X 7/16 LG		4	4	4	4										
51	9006555	NUT, HEX #2-56		4	4	4	4										
52	9006631	LOCK WASH #2-56 INT TOOTH		4	4	4	4										
53	1503068	TRANSISTOR #DEC2N3715		2	2	2	2										
54	9006721	WASHER, INSULATING		2	2	2	2										
55	1201200	TRANSISTOR SOCKET		2	2	2	2										
56	9007793-1	SCR PHL PAN #6-32 X 9/16		4	4	4	4										
57	9006631	LOCK WASH #6 INT TOOTH		16	16	16	16										
58	9008268	THERMAL COMPOUND		A/R	A/R	A/R	A/R										
59	A-DC-5109348-0-0	VOLTAGE LABEL		1	1	1	1										
60	7408516-0	JUMPER #14 YEL (3"LG) 9007919 BOTH ENDS		6	6	6	6										
61	7408517-0	JUMPER #14 YEL (4"LG) 9007919 & TIN		1	1	1	1										
62	7408518-0	JUMPER #14 BLK (6"LG) 9007919 & TIN		2	2	2	2										
63	7408519-0	JUMPER #14 BLK (3"LG) 9007919 BOTH ENDS		3	3	3	3										
64	7408520-0m	JUMPER #14 BLK (15"LG) 9007928 BOTH ENDS		2	2	2	2										
65	7408521-0	JUMPER #18 BLK (3"LG) TIN, BOTH ENDS		1	1	1	1										
66	900719	TERM ADAPTER #300S41B ARKLESS		1	1	1	1										
TITLE		H730 POWER SUPPLY		ASSY NO. D-UA-H730-0-0		SIZE CODE A PL		NUMBER H730-0-0				REV. K		ECO NO.			
				SHEET 3 OF 5		DIST.											

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS				QUANTITY / VARIATION													
PARTS LIST				H730-A	H730-B	H730-C	H730-D										
MADE BY P.J. LEBLANC		CHECKED J. FLEMING						SECTION									
DATE 12-18-70		DATE 1-8-71		1													
ENG <i>J. Barbone</i>		PROD <i>BEG</i>		ISSUED SECT.													
DATE 1-29-71		DATE 1-29-71		1													
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION															
57	9107295-01	TUBING #14 AWG TEF INS BRN		A/R	A/R	A/R	A/R										
68	9007930	CONN. #50360 ARKLESS (RED)		16	16	16	16										
69	9007917	CONN. #50902 ARKLESS (RED)		8	8	8	8										
70	9107256-10	TUBING #22 AWG TEF INS CLEAR		A/R	A/R	A/R	A/R										
71	9006555	NUT KEPS #8-32		3	3	3	3										
72	C-PS-1210289-0-0	SHIELD, SUPPORT CHASSIS		1	1	1	1										
73	9007619	TAB*3000-C27-IN3 ARK LESS		2	2	2	2										
74	9008007-1	SCR PHL HD PAN #10-32 x 1/4		2	2	2	2										
75	7408899-0-0	JUMPER #14 RD/WH TWP 7" LONG WITH (2)		1	1	1	1										
		9007919 ON ONE END AND (2) 9008354 ON															
		THE OTHER END															
76	7008325-0	FERRITE JUMPER ASSY WHT		1	1	1	1										
77	7008326-1	FERRITE JUMPER ASSY RED		1	1	1	1										
78	1002153	CAP. BATH TUB 2X .1uf 1000 VDC		2	2	2	2										
		440 AC 60HZ															
79	B-DC-5319480-0-0	CHASSIS P.S. DECAL (230 VAC)		0	1	0	1										
80	9007227	FUSE 15A-SB		2	2	2	2										
81	7409090	TERMINATOR 1 MFD 250V ± 20%		2	2	2	2										
82	9007594	3000-55-1 ARKLESS CONN		4	4	4	4										
83	B-MD-5308787-2-0	ADAPTER PLATE 230V		0	1	0	1										
84	9006584	NUT, SPRING, U-SHAPED		3	3	3	3										
85	9008294	CLIP, TINNEMAN		2	2	2	2										
TITLE		H730 POWER SUPPLY		ASSY NO. D-UA-H730-0-0		SIZE CODE A PL		NUMBER H730-0-0				REV. K		ECO NO.			
				SHEET 4 OF 5		DIST.											

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

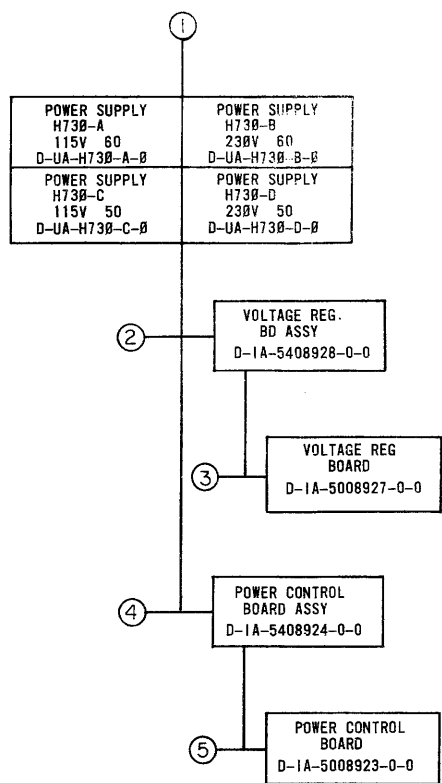
MADE BY P.J. LEE LANC	CHECKED J. FLEMING	SECTION
DATE 12/18/70	DATE 1/8/71	1
ENG J. BARDONE	PROD E.E. CROSS	ISSUED SECT.
DATE 1/29/71	DATE 1/29/71	1

QUANTITY / VARIATION

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	H730-A	H730-B	H730-C	H730-D												
86	A-PS-3010267-0-0	STICKER "DANGER HIGH VOLTAGE"	2	2	2	2												
87	90-C-072-01	SCREWS PHL PAN HD. 10-32 X 7/16 LG.	3	3	3	3												
88	90-08980	Lock Washer Int Tooth.	8	8	8	8												

TITLE	7730 POWER SUPPLY	ASSY NO.	D-7A-7730-0-0	CODE	A PL	NUMBER	7730-0-0	REV	K	ECONO.	
		SHEET	5	OF	5						

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MECHANICAL					DEPT USAGE			ELECTRICAL					DEPT USAGE					
FIND NO.	DESCRIPTION	PART NO.	PROD	CUST	F/C	FIND NO.	DESCRIPTION	PART NO.	PROD	CUST	F/C	FIND NO.	DESCRIPTION	PART NO.	PROD	CUST	F/C	
1.	POWER SUPPLY H730-A 115V 60 POWER SUPPLY (PL) POWER SUPPLY H730-B 230V 60 POWER SUPPLY (PL) POWER SUPPLY H730-C 115V 50 POWER SUPPLY (PL) POWER SUPPLY H730-D 230V 50 POWER SUPPLY (PL) CHASSIS SUPPORT POWER SUPPLY BRACKET COVER BRACKET REGULATOR BD. BRKT. RECTIFIER PLATE PROTECTIVE SHIELD ADAPTER PLATE POWER SUPPLY LABEL	D-UA-H730-A-0 A-PL-H730-A-0 D-UA-H730-B-0 A-PL-H730-B-0 D-UA-H730-C-0 A-PL-H730-C-0 D-UA-H730-D-0 A-PL-H730-D-0 D-1A-5308784-0-0 E-1A-5308786-0-0 C-1A-5308785-0-0 D-1A-5308948-0-0 C-MD-5308870-0-0 D-MD-5309183-0-0 B-MD-5308787-0-0 B-DC-5309349-0-0				1.	POWER SUPPLY H730 POWER SUPPLY H730B POWER SUPPLY H730C POWER SUPPLY H730D CIRCUIT SCHEMATIC TEST PROCEDURE	A-ML-H730-0 A-ML-H730-B A-ML-H730-C A-ML-H730-D D-CS-H730-0-1 A-SP-H730-0-3				2.	CIRCUIT SCHEMATIC	D-CS-5408928-0-1				
2.	VOLTAGE REGULATOR BD ASSY XY COORDINATE HOLE LOC. REGULATOR BD BRKT	E-1A-5408928-0-0 K-CO-548928-0-4 C-MD-5509036-0-0				4.	CIRCUIT SCHEMATIC	D-CS-5408924-0-1										
3.	VOLTAGE REGULATOR BD PRINTED CIRCUIT	E-1A-5008927-0-0 PC-5008927-0-1																
4.	POWER CONTROL BD ASSY XY COORDINATE HOLE LOCATION POWER CONTROL BD BRKT	E-1A-5408924-0-0 K-CO-5408924-0-4 F-MD-5509035-0-0																
5.	POWER CONTROL BOARD PRINTED CIRCUIT	E-1A-5008923-0-0 PC-5008923-0-0																

CHK	REVISION	CHANGE IN	REV.
W	H730-000	1	A
	BARDONE	2/15/71	
	H730-000	3	B
	BARDONE	2/15/71	
	MISC-000	36	C
	VARIANTIAN		
	H730-000	008	D
	MORGANS	ERN	

FIRST USED ON OPTION/MODEL: H730 P/S

DRN: [Signature]	DATE: 2/15/71
CHK'D: [Signature]	DATE: 2/16/71
ENG: [Signature]	DATE: 2/16/71
PROD: [Signature]	DATE: 2/11/71
NEXT HIGHER ASSY	D-UA-H730-0-0
SCALE: 1/1	SHEET: 1 OF 1

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE: DRAWING INDEX LIST

SIZE/CODE: DDI H730-0-2

NUMBER: 1

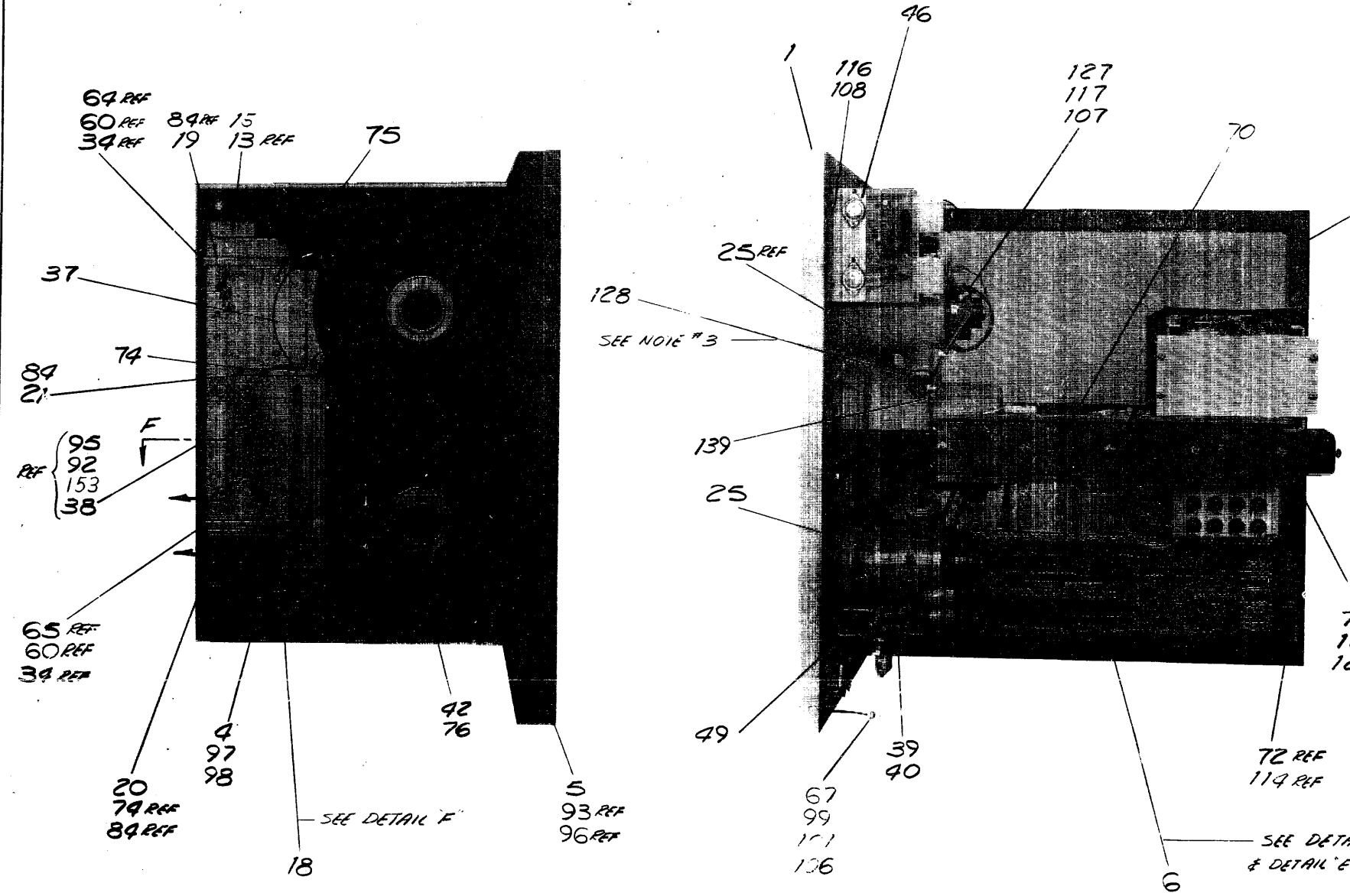
REV: D

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1972

LEGEND	
NUMBER	VARIATION
7006756-1	9 TRACK 115V 60 ~
7006756-2	9 TRACK 230V 60 ~
7006756-3	9 TRACK 115V 50 ~
7006756-4	9 TRACK 230V 50 ~
7006756-5	7 TRACK 115V 60 ~
7006756-6	7 TRACK 230V 60 ~
7006756-7	7 TRACK 115V 50 ~
7006756-8	7 TRACK 230V 50 ~

- NOTES:**
- FOR HARNESS CONNECTIONS & GENERAL WIRING REFER TO SHEET # 6, 7 & 8.
 - THESE ITEMS TO BE COATED WITH LOCKTITE AT ASSY.
 - THESE ITEMS TO HAVE THREADS COATED WITH TEFLON PLUMBERS TAPE.
 - THESE ITEMS TO BE CEMENTED IN PLACE AT ASSY USING HYBOND ADHESIVE.
 - GAGES REQUIRED
 - A. ROLLER GUIDE GAGE: *9605460
 - B. HUB GAGE: *9605461
 - C. READ WRITE SETUP GAGE: *9605494
 - D. READ WRITE REEL GAGE: *9605493
 - E. CAPSTAN GAGE: *9605606

D
C
B
A
 8
7
6
5
4
3
2
1



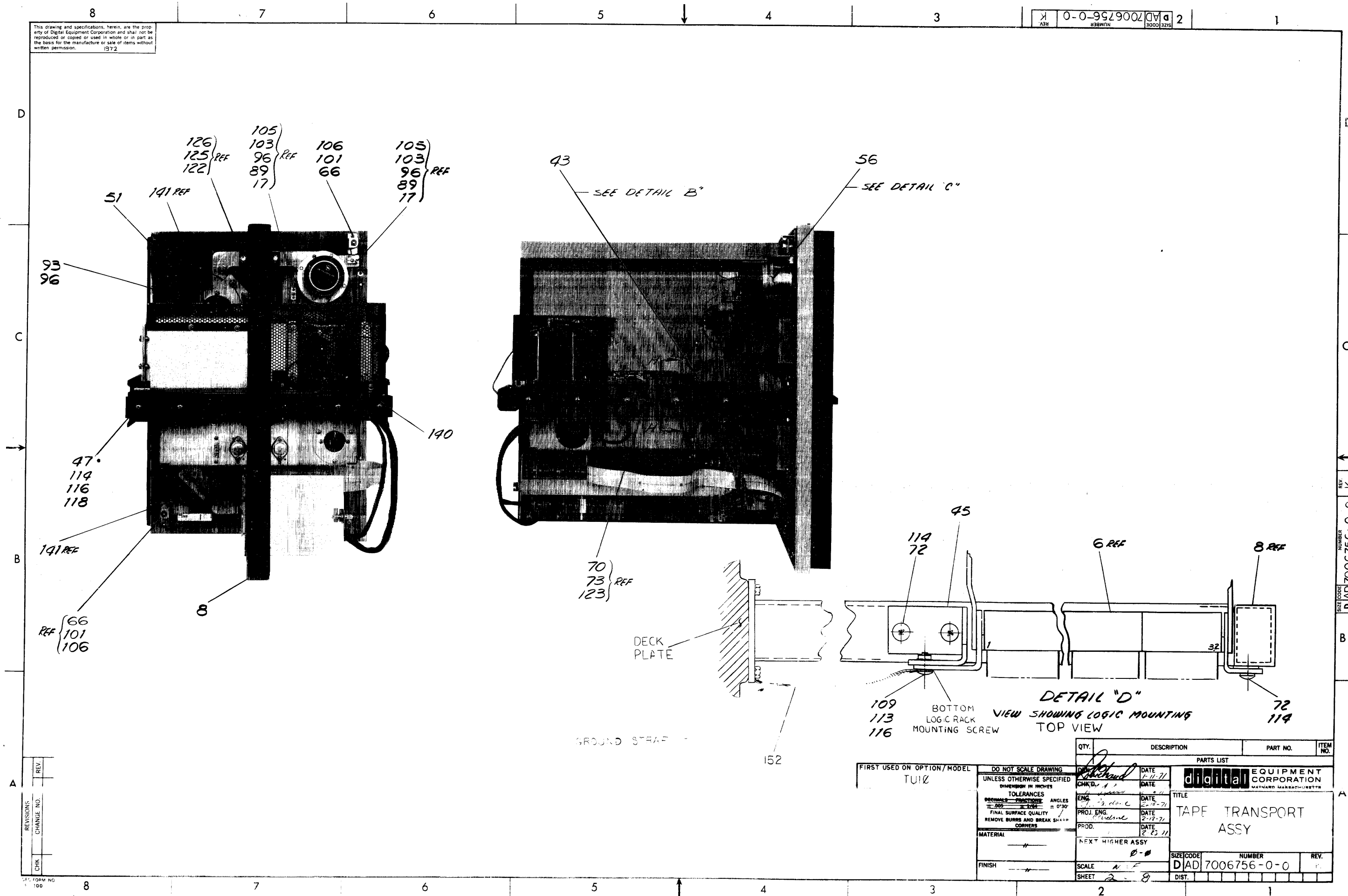
REV	CHG NO	REV
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B	00036	2
C	00050	3
D	00052	4
E	00056	5
F	00057	6
G	00061	7
H	00067	8
I	00068	9
J	00069	10
K	00070	11
L	00071	12
M	00072	13
N	00073	14
O	00074	15
P	00075	16
Q	00076	17
R	00077	18
S	00078	19
T	00079	20
U	00080	21
V	00081	22
W	00082	23
X	00083	24
Y	00084	25
Z	00085	26
AA	00086	27
AB	00087	28
AC	00088	29
AD	00089	30
AE	00090	31
AF	00091	32
AG	00092	33
AH	00093	34
AI	00094	35
AJ	00095	36
AK	00096	37
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AZ	00111	52
BA	00112	53
BB	00113	54
BC	00114	55
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BH	00119	60
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CH	00145	86
CI	00146	87
CJ	00147	88
CK	00148	89
CL	00149	90
CM	00150	91
CN	00151	92
CO	00152	93
CP	00153	94
CQ	00154	95
CR	00155	96
CS	00156	97
CT	00157	98
CU	00158	99
CV	00159	100
AW	00160	101
AX	00161	102
AY	00162	103
AZ	00163	104
BA	00164	105
BB	00165	106
BC	00166	107
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BL	00175	116
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BN	00177	118
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BR	00181	122
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CF	00195	136
CG	00196	137
CH	00197	138
CI	00198	139
CJ	00199	140
CK	00200	141
CL	00201	142
CM	00202	143
CN	00203	144
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CP	00205	146
CQ	00206	147
CR	00207	148
CS	00208	149
CT	00209	150
CU	00210	151
CV	00211	152
AW	00212	153
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BH	00223	164
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CD	00245	186
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CG	00248	189
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CP	00257	198
CQ	00258	199
CR	00259	200

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
FIRST USED ON OPTION / MODEL TU10		DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES DECIMALS: .0005 ANGLES: ± 0°30' FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	
MATERIAL		NEXT HIGHER ASSY D-1A-TU: 0-0-0	
FINISH		SCALE: NONE SHEET 2 OF 3	
DATE: 1-8-71 CHK'D: J. BARDONE ENG: J. BARDONE PROJ. ENG: J. BARDONE APP: J. BARDONE		DATE: 1-8-71 DATE: 2-18-71 DATE: 2-18-71 DATE: 2-23-71	
TITLE TAPE TRANSPORT ASSY		DRAWN: J. BARDONE DATE: 1-8-71	
CORPORATION MAYNARD, MASSACHUSETTS		DAD 7006756-0-0	

REV 2
 NUMBER 7006756-0-0
 DAD 7006756-0-0 K

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SIZE CODE NUMBER REV
D AD 7006756-0-0 2 K



REV	
CHANGE NO.	
CHK	

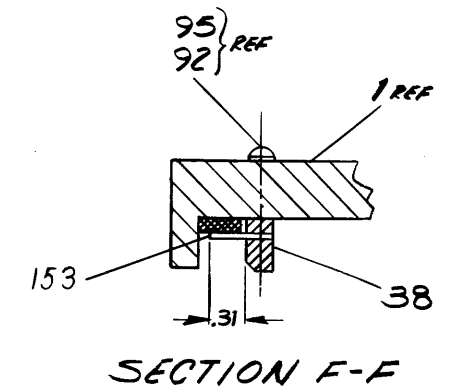
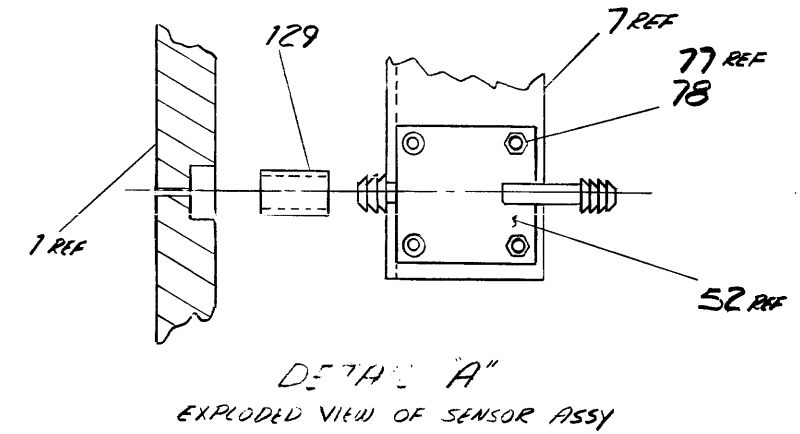
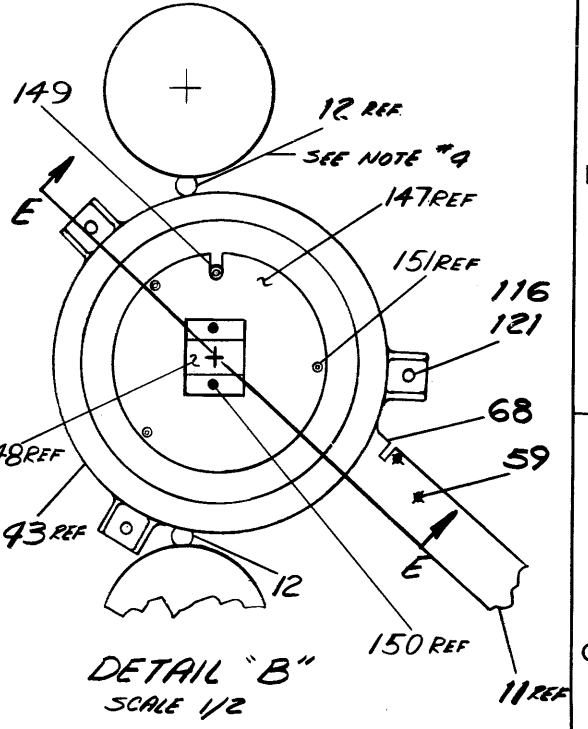
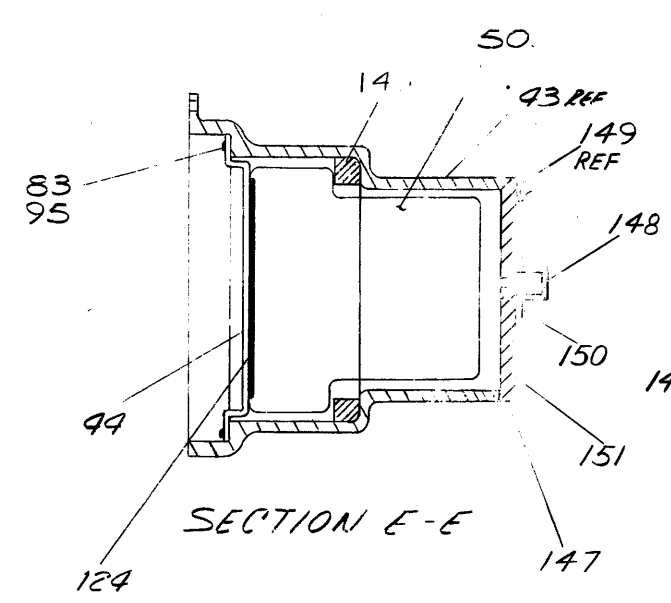
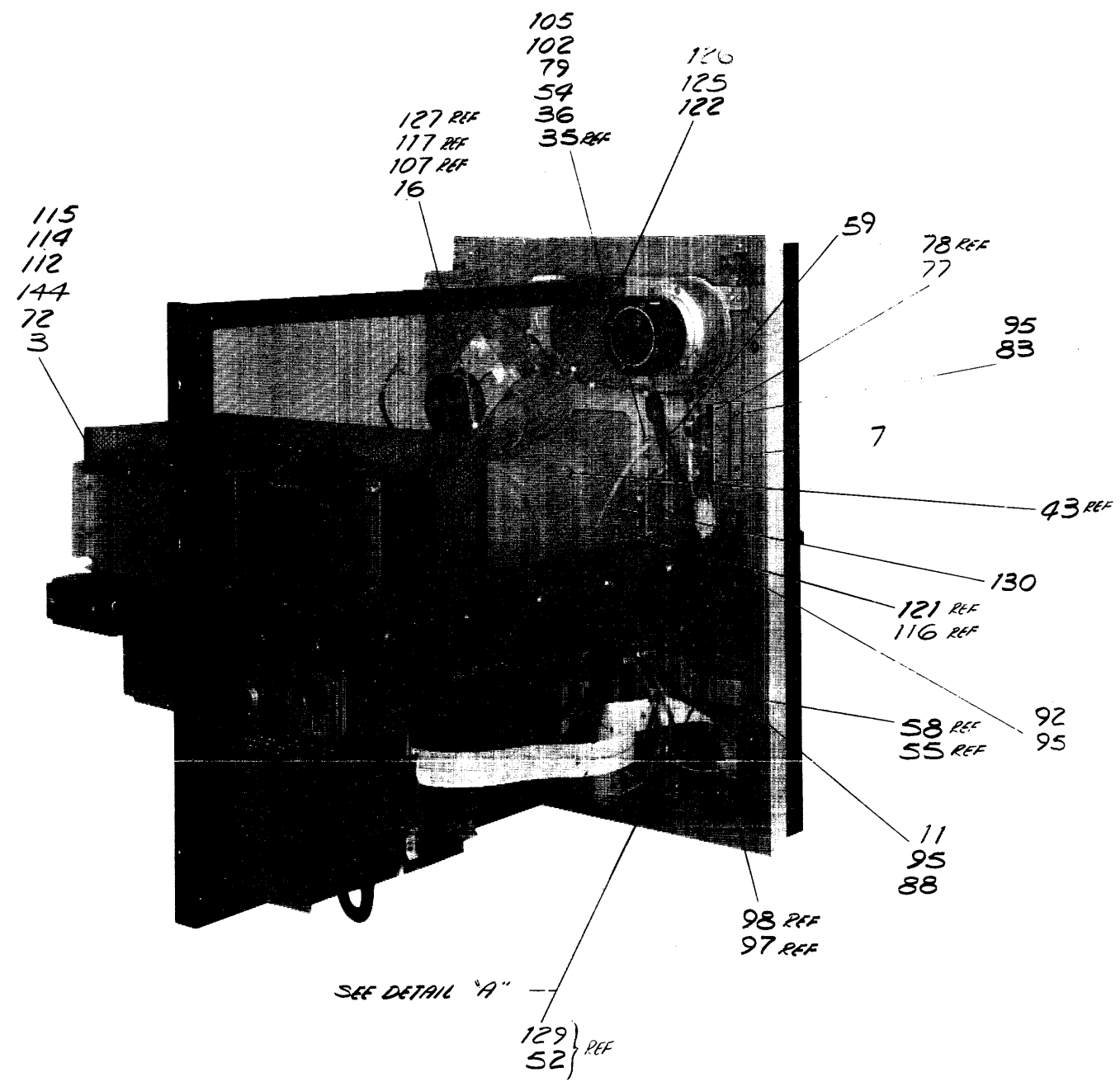
FIRST USED ON OPTION/MODEL
TU10

DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES
DECIMALS FRACTIONS ANGLES
±.005 ±.010 ±.015 ±.020 ±.030 ±.040 ±.050 ±.060 ±.070 ±.080 ±.090 ±.100
FINAL SURFACE QUALITY
REMOVE BURRS AND BREAK SHARP CORNERS
MATERIAL
FINISH

QTY.	DESCRIPTION	PART NO.	ITEM NO.
	PARTS LIST		
	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		
	TITLE TAPE TRANSPORT ASSY		
	SCALE	SIZE CODE NUMBER	REV.
	SHEET 2-8	D AD 7006756-0-0	
		DIST.	

REV
NUMBER
D AD 7006756-0-0 K

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REV.	
CHANGE NO.	
CHK.	

FIRST USED ON OPTION/MODEL
 TUIØ

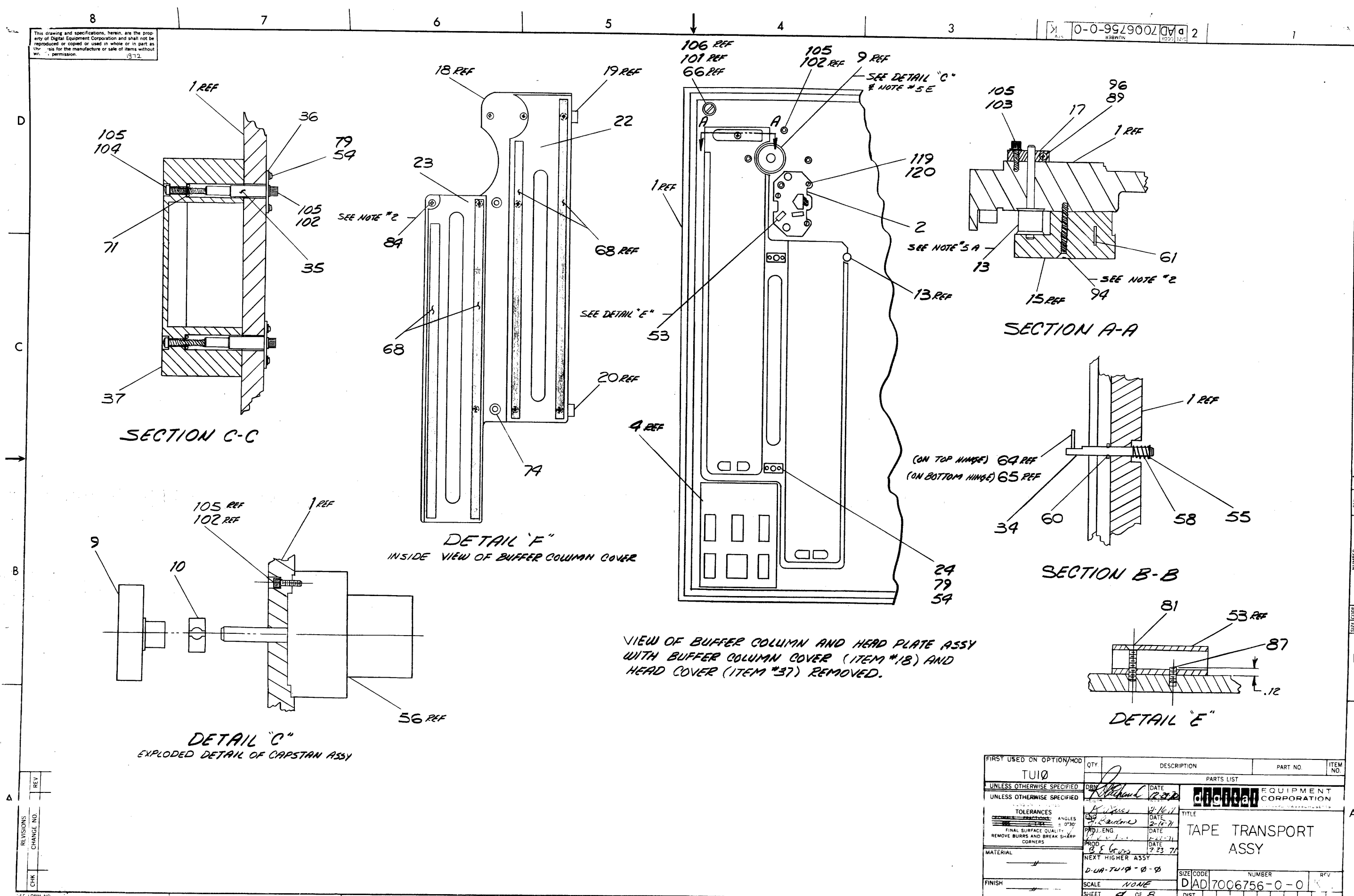
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UNLESS OTHERWISE SPECIFIED	CHK'D. <i>[Signature]</i>	DATE 4-11-71
DIMENSION IN INCHES	ENG. <i>[Signature]</i>	DATE 2-18-71
TOLERANCES	PROD. ENG. <i>[Signature]</i>	DATE 2-19-71
DECIMALS FRACTIONS ANGLES	PROD. <i>[Signature]</i>	DATE 2-23-71
± .002 ± .005 ± .010 ± .015 ± .020 ± .030 ± .040 ± .050 ± .060 ± .070 ± .080 ± .090 ± .100 ± .125 ± .150 ± .175 ± .200 ± .250 ± .300 ± .375 ± .450 ± .500 ± .625 ± .750 ± .875 ± 1.000 ± 1.250 ± 1.500 ± 2.000 ± 2.500 ± 3.000 ± 4.000 ± 5.000 ± 6.000 ± 8.000 ± 10.000		
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS		
MATERIAL		
FINISH		

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
	digital EQUIPMENT CORPORATION WATYARD, MASSACHUSETTS		
	TITLE TAPE TRANSPORT ASSY		
	SIZE CODE	NUMBER	REV.
	DAD	7006756-0-0	K
	SCALE	SHEET 3 OF 3	
		DIST.	

REV. K
 NUMBER 7006756-0-0
 SIZE CODE D

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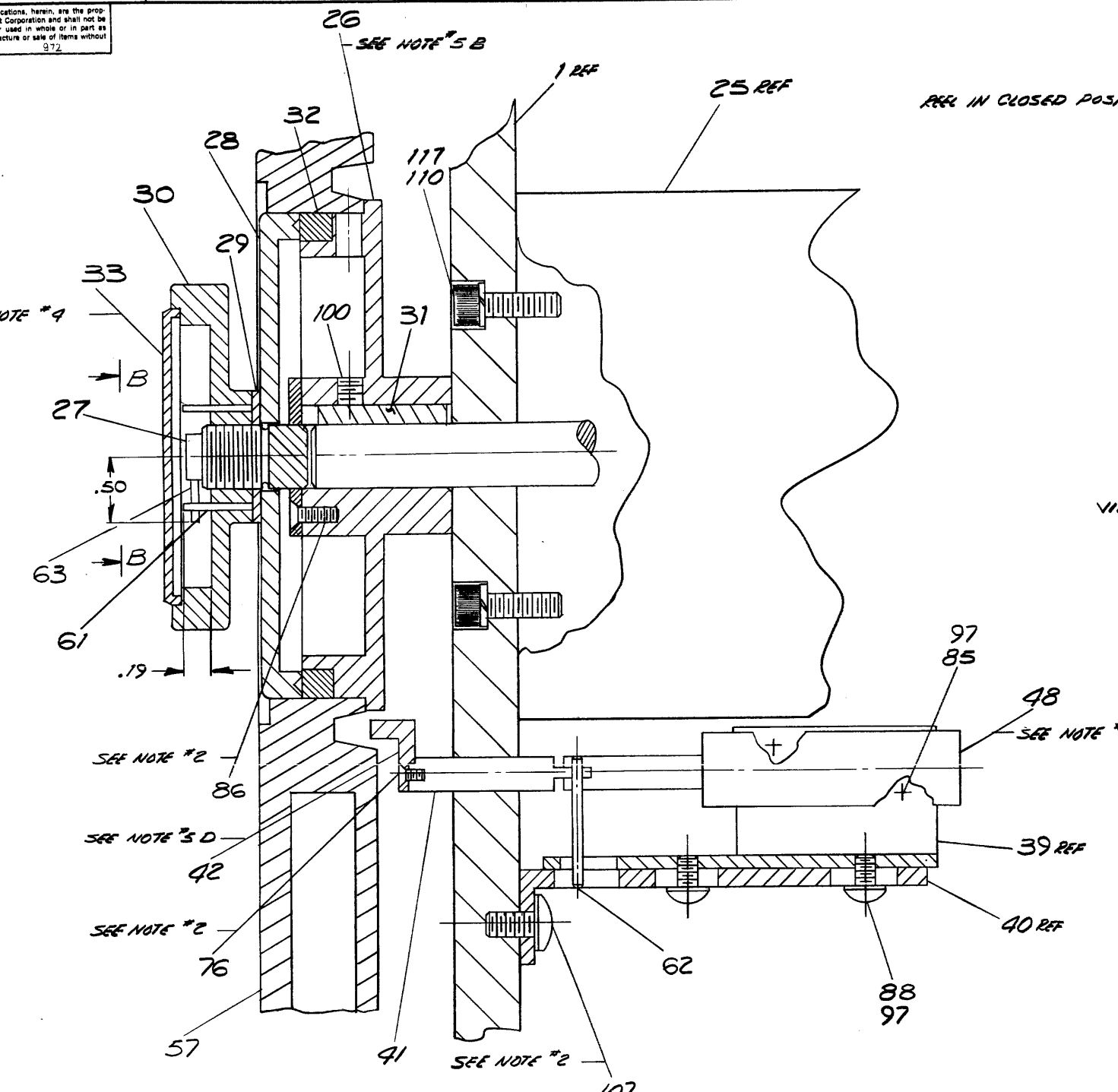
0-0-9929002 DVA 2



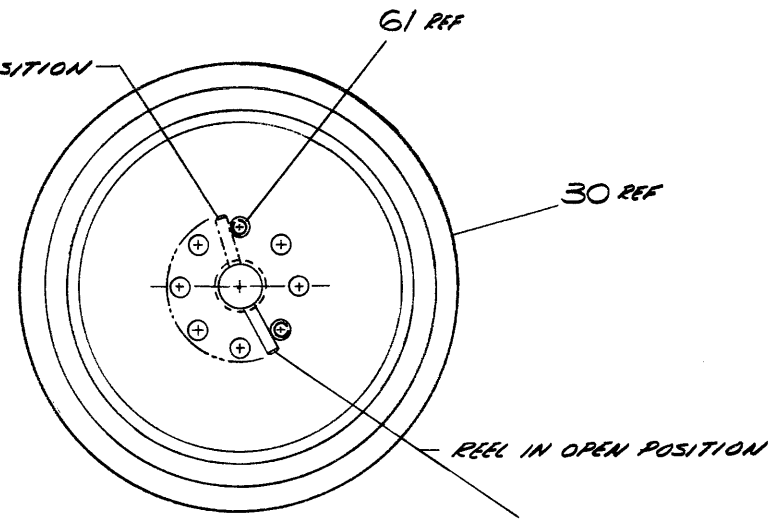
REV	
CHG	
CHK	

FIRST USED ON OPTION/MOD	QTY	DESCRIPTION	PART NO.	ITEM NO.
TUIØ				
UNLESS OTHERWISE SPECIFIED	DRN	DATE	PARTS LIST	
UNLESS OTHERWISE SPECIFIED		2-16-71	DIGITAL EQUIPMENT CORPORATION	
TOLERANCES	ANGLES	DATE	TITLE	
±.0005	Ø.030	2-16-71	TAPE TRANSPORT ASSY	
FINAL SURFACE QUALITY	PROJ. ENG	DATE	SIZE CODE	
REMOVE BURRS AND BREAK SHARP CORNERS		2-23-71	DAD7006756-0-0	
MATERIAL	PROD	DATE	NUMBER	
		2-23-71	REV	
NEXT HIGHER ASSY			DIST	
D-1A-TUIØ-Ø-Ø			OF 8	
FINISH	SCALE		SHEET	
	NONE		4 OF 8	

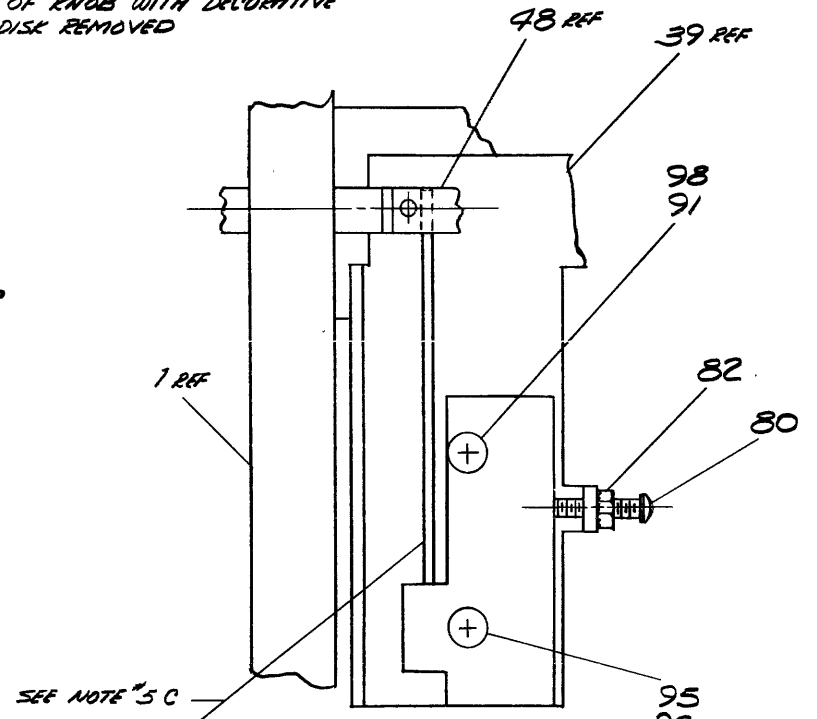
and specifications, herein, are the property of Digital Equipment Corporation and shall not be copied or used in whole or in part as or the manufacture or sale of items without written permission 972



SECTION D-D
SCALE 2/1



VIEW B-B
SCALE 2/1
VIEW OF KNOB WITH DECORATIVE
DISK REMOVED



VIEW F-F
SCALE 2/1

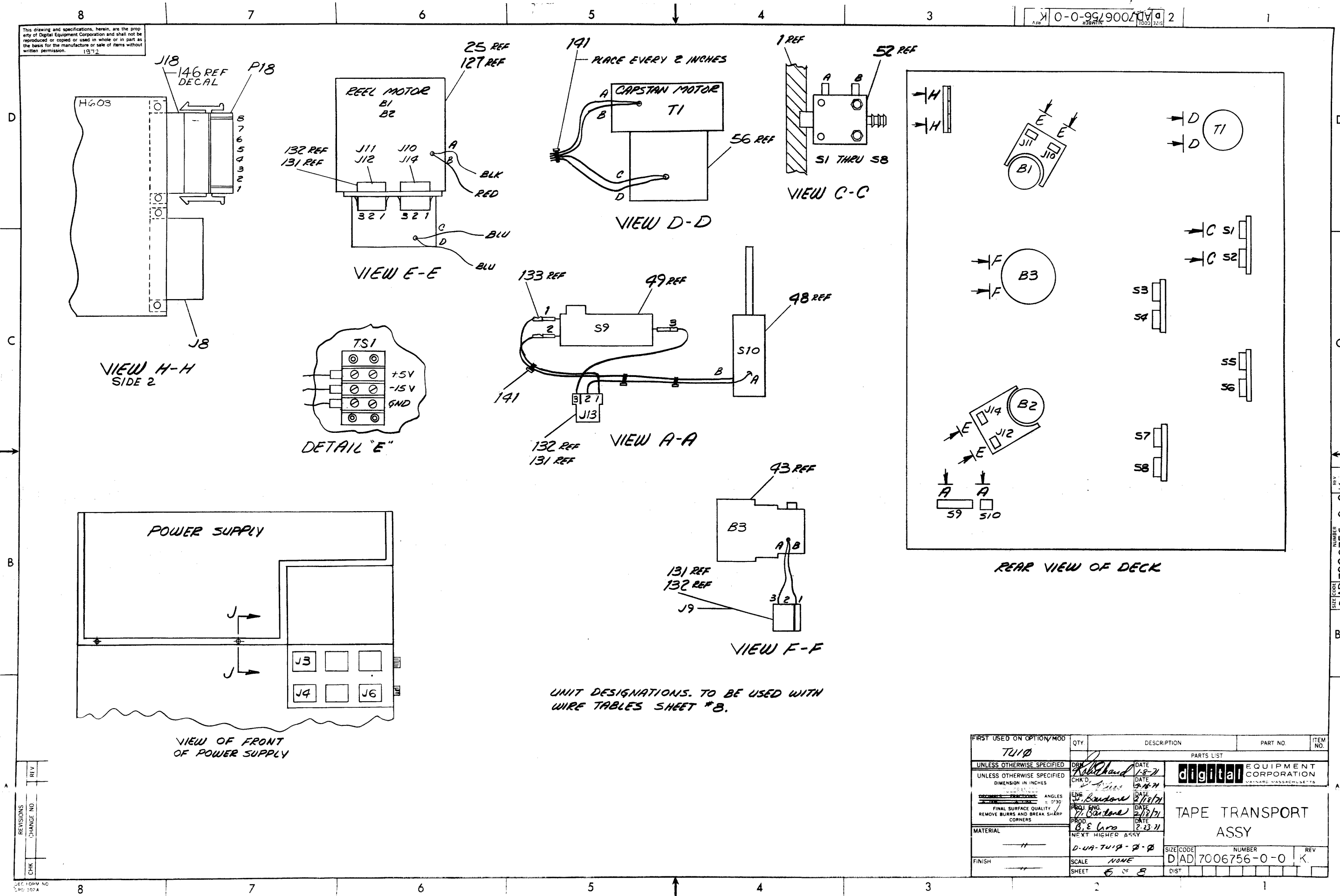
REVISIONS	REV
CHANGE NO	
CHK	

FIRST USED ON OPTION/MOD	QTY.	DESCRIPTION	PART NO.	ITEM NO.
TU10				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED	DRG	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED	CHK'D	DATE	TITLE	
DIMENSION IN INCHES	ENG	DATE	TAPE TRANSPORT ASSY	
TOLERANCES	PROJ. ENG	DATE	SCALE	
ANGLES = 0°30'	PROD	DATE	SHEET 5 OF 8	
FINAL SURFACE QUALITY / REMOVE BURRS AND BREAK SHARP CORNERS			NUMBER 7006756-0-0	
MATERIAL	NEXT HIGHER ASSY		REV K	
	D-4A-TU10-0-0		DIST	
FINISH				

NUMBER 7006756-0-0

REV K

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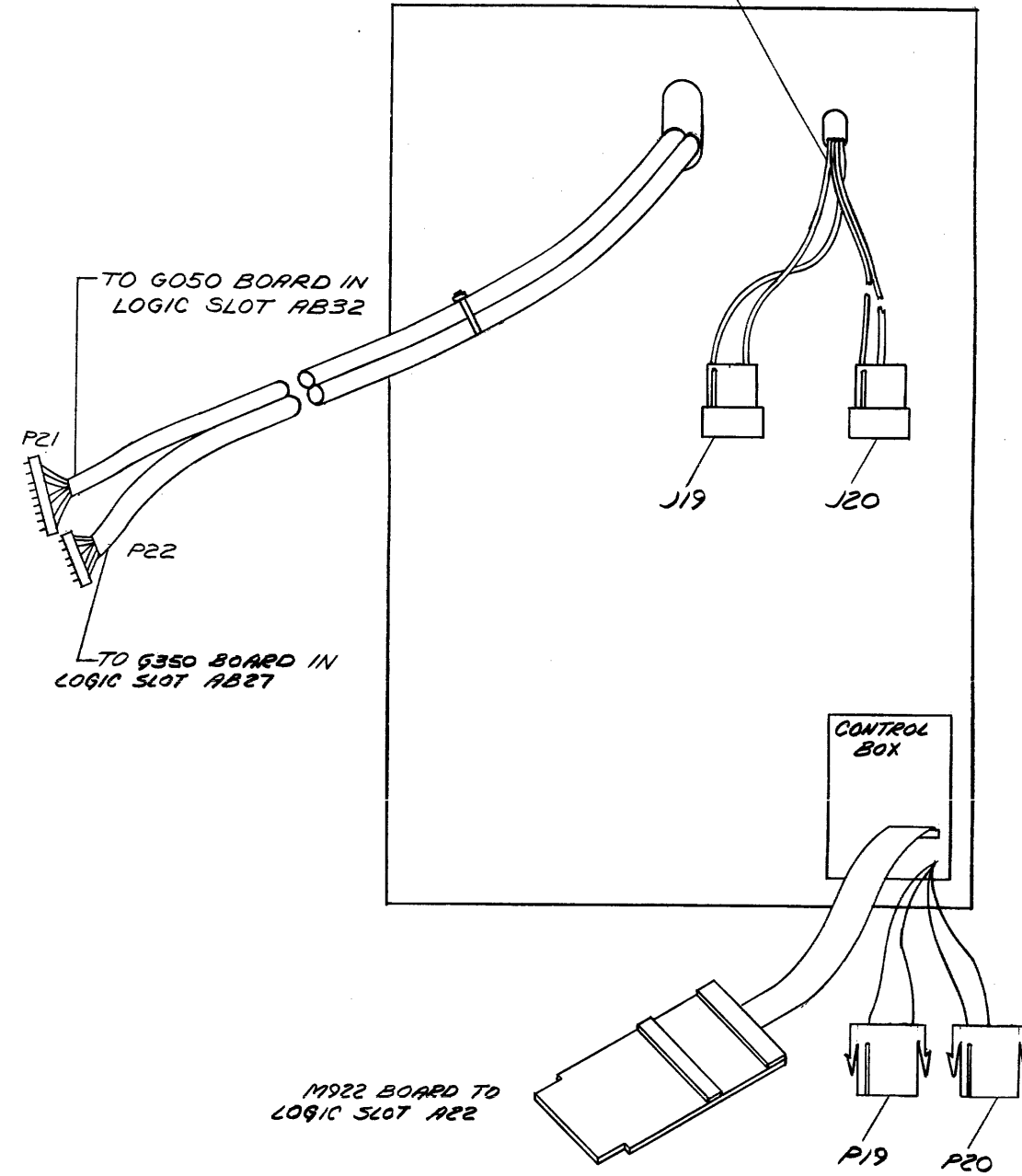
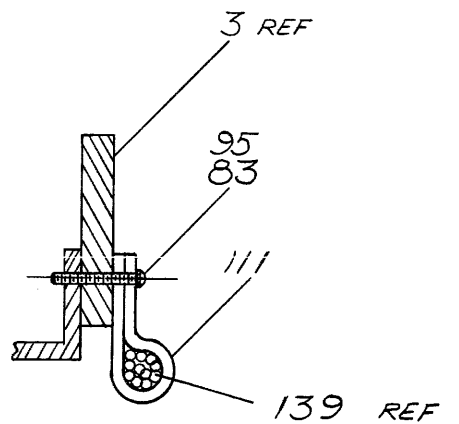
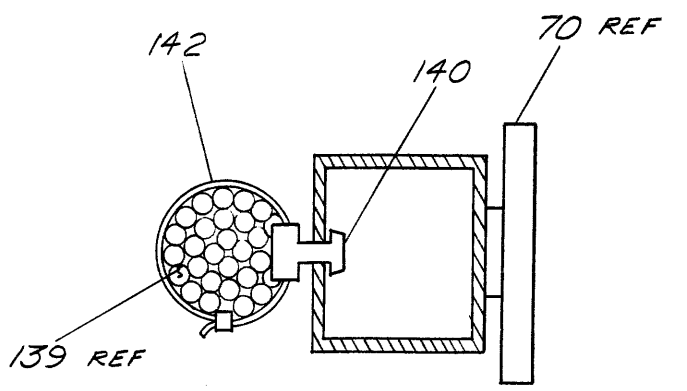
UNIT DESIGNATIONS. TO BE USED WITH WIRE TABLES SHEET #B.

REV	
CHG	
REV	
CHG	

FIRST USED ON OPTION/MOD TU10	QTY	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	DRP <i>R. Richard</i>	DATE 1-8-71	PARTS LIST	
UNLESS OTHERWISE SPECIFIED ANGLES = 0°30'	CHK'D <i>A. Jones</i>	DATE 2-16-71	digital EQUIPMENT CORPORATION MILFORD, MASSACHUSETTS	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	ENG <i>J. Baudone</i>	DATE 2/18/71	TAPE TRANSPORT ASSY	
MATERIAL	PROD. ENG. <i>J. Baudone</i>	DATE 2/18/71	SIZE CODE NUMBER REV DAD 7006756-0-0 K	
FINISH	PROD. <i>B. E. Carr</i>	DATE 2-23-71	SCALE NONE	
	NEXT HIGHER ASSY D-VA-TU10-0-0		SHEET 6 OF 8	

REV. NO. 0-0-95/900/01/2
PART NUMBER DAD 7006756-0-0 K

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FIRST USED ON OPTION/MOD	QTY.	DESCRIPTION	PART NO.	ITEM NO.
7410				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED	CHK'D	DATE	digital EQUIPMENT CORPORATION CORPORATION MASSACHUSETTS TITLE TAPE TRANSPORT ASSY.	
UNLESS OTHERWISE SPECIFIED	DATE	DATE		
TOLERANCES	DATE	DATE		
ANGLES	DATE	DATE		
FINAL SURFACE QUALITY	DATE	DATE	DATE	DATE
REMOVE BURRS AND BREAK SHARP CORNERS	DATE	DATE	DATE	DATE
MATERIAL	NEXT HIGHER ASSY			
	D-UR-7410-0-0			
FINISH	SCALE	SIZE CODE NUMBER		
	NONE	DAD 7006756-0-0		
	SHEET	DIST.		
	7 OF 8	REV		
		K		

REV	CHANGE NO.

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HARNES WIRE TABLE				
ITEM NO	DESCRIPTION	FROM HARNES NUMBER	TO TUB UNIT LOCATION	REMARKS
139	22 GRN	P8	J8	VIEW H-H
	TWP BRN			
	22 GRN			
	TWP BRN			
	18 RED			
	18 BLU			
	18 GRN			
	18 RED			
	TWP WHT			
	18 GRN			
	18 GRN	P9	J9	VIEW F-F
	TWP WHT			
	18 GRN			
	18 GRN			
	18 GRN			
	18 GRN			
	18 GRN			
	18 GRN			
	18 GRN			
	18 GRN			
	18 GRN	P6	J6	
	18 GRN			
	18 GRN			
	18 GRN			
	18 GRN			
	18 GRN			
	18 GRN			
	18 GRN			
	18 GRN			
	18 GRN			
	18 GRN	P3	J3	
	TWP RED			
	22 WHT			
	TWP BLK			
	18 RED			
	22 RED			
	22 RED			
	22 RED			
	22 RED			
	22 RED			
	22 RED	P4	J4	
	22 BLK			
	22 BLU			
	22 BLU			
	22 BLK			
	22 BLK			
	22 BRN			
	22 RED			
	22 ORN			
	22 YEL			
	22 GRN	P17	LOGIC SLOT A05	
	22 BLU			
	22 VIO			
	22 GRN			
	22 GRN			
	22 GRN			
	22 YEL			
	22 BRN			
	TWP GRN			
	22 RED			
	22 BRN			
139	TWP GRN			

HARNES WIRE TABLE				
ITEM NO	DESCRIPTION	FROM HARNES NUMBER	TO TUB UNIT LOCATION	REMARKS
139	22 YEL	P17	LOGIC SLOT A05	
	22 RED			
	22 BLK			
	22 YEL			
	22 BRN			
	22 RED			
	22 WHT			
	TWP BLK			
	18 ORN			
	14 BLK			
	TWP RED	P16	LOGIC SLOT A002	
	18 GRN			
	18 GRN			
	18 ORN	P15	LOGIC SLOT A001	
	14 BLK			
	TWP RED			
	18 GRN	53	TS1-GND	DETAIL "E"
	18 BLK			
	18 RED			
	22 BLU			
	22 BLU			
	22 RED			
	22 RED			
	22 RED			
	22 RED			
	22 RED			
	22 BLK	58	TS1-GND	
	22 BLK			
	22 BLK			
	22 ORN			
	22 VIO			
	22 VIO			
	22 VIO			
	22 BRN			
	22 GRN			
	22 VIO			
	22 BRN	45	58-A	VIEW C-C
	22 BRN			
	22 BRN			
	22 BRN			
	22 BRN			
	22 BRN			
	22 BRN			
	22 BRN			
	22 BRN			
	22 BRN			
	14 BLK	P12	J12	VIEW E-E
	TWP RED			
	22 YEL			
	22 RED			
	22 BLK			
	22 BLK			
	22 YEL			
	22 BRN			
	22 BRN			
	22 BRN			
	22 BRN	26	S2-A	VIEW C-C
	22 BRN			
	22 RED			
	22 BLK			
	22 BLK			
	22 BLU			
	22 BLU			
	22 BLU			
	22 BLU			
	22 BLU			
	14 BLK	P10	J10	VIEW E-E
	TWP RED			
	22 BRN			
	22 GRN			
	22 GRN			
	22 YEL			
	22 BRN			
	22 BRN			
	22 BRN			
	22 BRN			
	22 BRN	34	S4-B	VIEW C-C
	22 YEL			
	22 BRN			
	22 BRN			
	22 BRN			
	22 BRN			
	22 BRN			
	22 BRN			
	22 BRN			
	22 BRN			
139	22 BRN	35	S4-A	

HARNES WIRE TABLE				
ITEM NO	DESCRIPTION	FROM HARNES NUMBER	TO TUB UNIT LOCATION	REMARKS
139	22 BLK	36	S3-A	VIEW C-C
	22 BLK			
	22 BLU			
139	22 BLU	37	S3-B	
4	22 ORN	P19	J19	J19, J20 PART OF ITEM "53"
	22 RED			
4	22 BRN	P20	J20	
	22 YEL			
139	22 BRN	38	S5-A	VIEW C-C
	22 BRN			

NOTES:
1. REFER TO SHEET # 6 & 7 FOR DESIGNATIONS & VIEWS SHOWN IN TABLES.

WIRE TABLE						
ITEM NO	DESCRIPTION	FROM		TO		REMARKS
		CONNECTION	WITH	CONNECTION	WITH	
48	18 BLK	S10-A	-	J13-2	131 & 132	VIEW A-A
	18 BLK	S10-B	-	S9-2	133	
136	22 YEL	S9-1	133	J13-1	132	VIEW D-D
135	22 BLK	S9-3	133	J13-3	132	
56	22 BLK	T1-A	-	P18-1	134 & 137	# VIEW H-H P18 MATES WITH J18
	22 RED	T1-B	-	P18-2	139	
	22 BLK	T1-C	-	P18-8	139	
	22 RED	T1-D	-	P18-7	139	
127	22 BLU	B1-C	-	J11-2	131 & 132	VIEW E-E
	22 BLU	B1-D	-	J11-1	132	
25	16 BLK	B1-A	-	J10-3	132	VIEW F-F
	16 RED	B1-B	-	J10-1	132	
127	22 BLU	B2-C	-	J14-1	131 & 132	VIEW E-E
	22 BLU	B2-D	-	J14-2	132	
25	16 BLK	B2-A	-	J12-3	132	VIEW F-F
	16 RED	B2-B	-	J12-1	132	
50	- BLK	B3-A	-	J9-1	131 & 132	VIEW F-F
	- BLK	B3-B	-	J9-3	132	
3	14 BLK	P15 XMR MTS	-	CHASSIS GND	-	

REV	
CHG	

FIRST USED ON OPTION/MOD	QTY	DESCRIPTION	PART NO.	ITEM NO.
TU10				
UNLESS OTHERWISE SPECIFIED	DATE	PARTS LIST		
UNLESS OTHERWISE SPECIFIED	DATE	digital EQUIPMENT CORPORATION		
UNLESS OTHERWISE SPECIFIED	DATE	TAPES TRANSPORT ASSY		
UNLESS OTHERWISE SPECIFIED	DATE	DAD 7006756-0-0		
UNLESS OTHERWISE SPECIFIED	DATE	SHEET 8 OF 8		

NUMBER DAD 7006756-0-0 K

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS PARTS LIST					QUANTITY / VARIATION									
MADE BY RAY ROBICHAUD		CHECKED KEN RUSS		SECTION	7006756-1	7006756-2	7006756-3	7006756-4	7006756-5	7006756-6	7006756-7	7006756-8		
DATE	1-12-71	DATE	1-12-71	1										
ENG	<i>J. Bandone</i>	PROD	<i>B. E. Goss</i>	ISSUED SECT.										
DATE	<i>2/22/71</i>	DATE	<i>2-23-71</i>	1										
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION												
1	E-IA-7407991-0-0	DECK PLATE			1	1	1	1	1	1	1	1		
2	D-AD-7006758-1-0	HEAD PLATE ASSY 9 TRACK			1	1	1	1	-	-	-	-		
2	D-AD-7006758-2-0	HEAD PLATE ASSY 7 TRACK			-	-	-	-	1	1	1	1		
3	D-UA-H730-A-0	POWER SUPPLY 115V 60 HZ			1	-	-	-	1	-	-	-		
3	D-UA-H730-B-0	POWER SUPPLY 230V 60 HZ			-	1	-	-	-	1	-	-		
3	D-UA-H730-C-0	POWER SUPPLY 115V 50 HZ			-	-	1	-	-	-	1	-		
3	D-UA-H730-D-0	POWER SUPPLY 230V 50 HZ			-	-	-	1	-	-	-	1		
4	D-AD-7006757-0-0	CONTROL BOX ASSY			1	1	1	1	1	1	1	1		
5	D-AD-7006743-0-0	UNIT DOOR ASSY			1	1	1	1	1	1	1	1		
5	C-AD-7006754-0-0	LOGIC ASSY			1	1	1	1	1	1	1	1		
7	B-MD-7407954-0-0	BRKT, SENSOR			4	4	4	4	4	4	4	4		
8	D-IA-7407989-0-0	FRAME DECK			1	1	1	1	1	1	1	1		
9	C-MD-7407957-0-0	CAPSTAN			1	1	1	1	1	1	1	1		
10	D-MD-7407958-0-0	CLAMP, CAPSTAN			1	1	1	1	1	1	1	1		
11	C-MD-7407990-0-0	COVER, VACUUM CHANNEL			1	1	1	1	1	1	1	1		
12	B-MD-7407996-0-0	PLUG, AIR			2	2	2	2	2	2	2	2		
13	1210145	ROLLER GUIDE ASSY			2	2	2	2	2	2	2	2		
14	B-MD-7407956-0-0	RAMP, ROLLER			1	1	1	1	1	1	1	1		
15	C-PS-1210365-0-0	RAMP COVER ROLLER, CSTG.			1	1	1	1	1	1	1	1		
16	B-MD-7408481-0-0	CONN, MTG BRACKET			2	2	2	2	2	2	2	2		
17	B-MD-7407960-0-0	CLAMP, ROLLER SHAFT			2	2	2	2	2	2	2	2		
18	B-MD-7407969-0-0	COVER, BUFFER COLUMN			1	1	1	1	1	1	1	1		
TITLE: TRANSPORT, TAPE ASSY				ASSY NO. D-AD-7006756-0-0	SIZE CODE A PL	NUMBER 7006756-0-0			REV. UK	ECO NO. 00076				
SHEET 1 OF 8				DIST.										

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS PARTS LIST					QUANTITY / VARIATION									
MADE BY RAY ROBICHAUD		CHECKED KEN RUSS		SECTION	7006756-1	7006756-2	7006756-3	7006756-4	7006756-5	7006756-6	7006756-7	7006756-8		
DATE	1-12-71	DATE	1-12-71	1										
ENG	<i>J. Bandone</i>	PROD	<i>B. E. Goss</i>	ISSUED SECT.										
DATE	<i>2/22/71</i>	DATE	<i>2-23-71</i>	1										
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION												
19	B-MD-7408002-0-0	HINGE, COVER TOP			1	1	1	1	1	1	1	1		
20	B-IA-7407993-0-0	HINGE, COVER BOTTOM			1	1	1	1	1	1	1	1		
21	B-IA-7407966-0-0	BRACE, COVER			1	1	1	1	1	1	1	1		
22	D-SC-1209918-0-0	GLASS, BUFFER COLUMN			1	1	1	1	1	1	1	1		
23	D-SC-1209919-0-0	GLASS, BUFFER COLUMN			1	1	1	1	1	1	1	1		
24	B-IA-7407939-0-0	HOLD DOWN, COVER			2	2	2	2	2	2	2	2		
25	1209677	MOTOR, REEL			2	2	2	2	2	2	2	2		
26	C-MD-7407980-0-0	SUPPORT, REEL			2	2	2	2	2	2	2	2		
27	B-MD-7407983-0-0	GUIDE, REEL			2	2	2	2	2	2	2	2		
28	B-MD-7407982-0-0	PLATE, PRESSURE			2	2	2	2	2	2	2	2		
29	1210030-0-0	WASHER, THRUST			2	2	2	2	2	2	2	2		
30	C-MD-7407979-0-0	KNOB			2	2	2	2	2	2	2	2		
31	A-MD-7407984-0-0	KEY			2	2	2	2	2	2	2	2		
32	1210021-0-0	RING, COMPRESSION			2	2	2	2	2	2	2	2		
33	C-SC-1209212-0-0	DISK, DECORATIVE			2	2	2	2	2	2	2	2		
34	B-MD-7407965-0-0	SHAFT, HINGE PIVOT			2	2	2	2	2	2	2	2		
35	A-MD-7407995-0-0	STANDOFF			2	2	2	2	2	2	2	2		
36	A-MD-7407994-0-0	PLATE, STANDOFF			2	2	2	2	2	2	2	2		
37	C-MD-7407986-0-0	COVER, HEAD			1	1	1	1	1	1	1	1		
38	A-MD-7407973-0-0	CATCH, DOOR			1	1	1	1	1	1	1	1		
39	B-MD-7407963-0-0	BRACKET, SOLENOID			1	1	1	1	1	1	1	1		
40	C-MD-7407967-0-0	BRACKET, ADJUSTING			1	1	1	1	1	1	1	1		
TITLE: TRANSPORT, TAPE ASSY				ASSY NO. D-AD-7006756-0-0	SIZE CODE A PL	NUMBER 7006756-0-0			REV. UK	ECO NO.				
SHEET 2 OF 8				DIST.										

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

MADE BY	RAY ROBICHAUD	CHECKED	KEN RUSS	SECTION	1
DATE	1-11-71	DATE		ISSUED SECT.	1
ENG	<i>D.E.</i>	PROD	<i>B.E. Goss</i>		
DATE	2-23-71	DATE	2-23-71		

QUANTITY / VARIATION

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	7006756-1	7006756-2	7006756-3	7006756-4	7006756-5	7006756-6	7006756-7	7006756-8
			63	9006527	ROLL PIN 3/32 DIA X 11/16 LG	2	2	2	2	2
64	9008901	DOWEL PIN 1/8 DIA X 5/8 LG	1	1	1	1	1	1	1	1
65	9008900	DOWEL PIN 1/8 DIA X 3/4 LG	1	1	1	1	1	1	1	1
66	9008328	PAWL FASTENER #44-1-17-0 SOUTHCO	2	2	2	2	2	2	2	2
67	C-MD-7407951-0-0	CLIP DOOR STOP	1	1	1	1	1	1	1	1
68	9007834	STOCK MOUNT TAPE 3M #4032	A/RA	RA/RA	RA/R	A/RA	RA/RA	RA/R		
69	9008111	BUSHING HEYCO	1	1	1	1	1	1	1	1
70	1209152	CHASSIS TRACKS	1	1	1	1	1	1	1	1
71	9007616	O RING 9/32 O.D. X 5/32 I.D. X 1/16 THK	2	2	2	2	2	2	2	2
72	9003896	WELL-NUT #G-1032	8	8	8	8	8	8	8	8
73	9008897	WELL-NUT #D-1420	10	10	10	10	10	10	10	10
74	9008105	SCR CAPTIVE #10 SOUTHCO(58-26-309-24)	2	2	2	2	2	2	2	2
75	9007033	PLUG BUTTON DOT	2	2	2	2	2	2	2	2
76	9006006-2	SCR PHL HD FLAT #2-56 X 3/16 LG	1	1	1	1	1	1	1	1
77	9008024-1	SCR PHL HD PAN #2-56 X 9/16 LG	16	16	16	16	16	16	16	16
78	9008031	STOP NUT #2-56 ESNA	16	16	16	16	16	16	16	16
79	9008301-1	SCR PHL HD PAN #4-40 X 1/4 LG	8	8	8	8	8	8	8	8
80	9006011-1	SCR PHL HD PAN #4-40 X 1/2 LG	1	1	1	1	1	1	1	1
81	9006018-2	SCR PHL HD FLAT #4-40 X 1 1/4 LG	1	1	1	1	1	1	1	1
82	9006557	NUT KEPS #4-40	1	1	1	1	1	1	1	1
83	9006021-1	SCR PHL HD PAN #6-32 X 3/8 LG	11	11	11	11	11	11	11	11
84	9006020-2	SCR PHL HD FLAT #6-32 X 1/4 LG	9	9	9	9	9	9	9	9

TITLE	TRANSPORT, TAPE ASSY	ASSY NO.	D-AD-7006756-0-0	SIZE	A	CODE	PL	NUMBER	7006756-0-0	REV.	K	ECO NO.	
		SHEET	4	OF	8	DIST.							

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

MADE BY	RAY ROBICHAUD	CHECKED	<i>K. Russ</i>	SECTION	1
DATE	1-13-71	DATE		ISSUED SECT.	1
ENG	<i>J. Barthe</i>	PROD	<i>B.E. Goss</i>		
DATE	2/23/71	DATE	2-23-71		

QUANTITY / VARIATION

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	7006756-1	7006756-2	7006756-3	7006756-4	7006756-5	7006756-6	7006756-7	7006756-8
			41	B-MD-7407962-0-0	SHAFT, SOLENOID	1	1	1	1	1
42	B-PS-1210372-0-0	ANGLE, SOLENOID SHAFT	1	1	1	1	1	1	1	1
43	E-MD-7407988-0-0	CHAMBER, PLENUM	1	1	1	1	1	1	1	1
44	C-MD-7407987-0-0	CLEAT, MOTOR	1	1	1	1	1	1	1	1
45	C-MD-7407992-0-0	BRACKET, LOGIC	1	1	1	1	1	1	1	1
46	E-UA-1003-0-0	CAPSTAN, SERVO POWER AMPLIFIER	1	1	1	1	1	1	1	1
47	C-MD-7407997-0-0	BRACKET, SHIPPING	2	2	2	2	2	2	2	2
48	1209658	SOLENOID DELTROL CONTROLS #D-15	1	1	1	1	1	1	1	1
49	1209870	SWITCH MCGILL #2603-1150	1	1	1	1	1	1	1	1
50	1205944-1	VACUUM PUMP W/RING "LAMB"	1	1	1	1	1	1	1	1
51	1209750	BUMPER	4	4	4	4	4	4	4	4
52	1210477	LOW PRESSURE SENSOR	8	8	8	8	8	8	8	8
53	1210330	EOT-BOT ASSY	1	1	1	1	1	1	1	1
54	9006683	WASHER SPLIT #4	8	8	8	8	8	8	8	8
55	9008137	RETAINING RING #5555-255	2	2	2	2	2	2	2	2
56	1209756	CAPSTAN MOTOR	1	1	1	1	1	1	1	1
57	1210346	TAPE REEL, TAKE UP	1	1	1	1	1	1	1	1
58	9008898	SPRING #LC-032E-1	2	2	2	2	2	2	2	2
59	1209889	HOSE FITTING #11752-1	2	2	2	2	2	2	2	2
60	9006551	ROLL PIN 1/8 DIA X 3/8 LG	2	2	2	2	2	2	2	2
61	9006526	ROLL PIN 3/32 DIA X 1/2 LG	5	5	5	5	5	5	5	5
62	9008329	ROLL PIN 1/16 DIA X 1" LG	1	1	1	1	1	1	1	1

TITLE	TRANSPORT, TAPE ASSY	ASSY NO.	D-AD-7006756-0-0	SIZE	A	CODE	PL	NUMBER	7006756-0-0	REV.	K	ECO NO.	
		SHEET	3	OF	8	DIST.							

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

QUANTITY / VARIATION

MADE BY RAY ROBICHAUD	CHECKED KEN RUSS	SECTION
DATE 1-1-71	DATE	1
ENG D.E.	PROD B.E. Cross	ISSUED SECT.
DATE 2-	DATE 2-29-71	1

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION
63	9006527	ROLL PIN 3/32 DIA X 11/16 LG
64	9008901	DOWEL PIN 1/8 DIA X 5/8 LG
65	9008900	DOWEL PIN 1/8 DIA X 3/4 LG
66	9003328	PAWL FASTENER #44-1-17-0 SOUTHCO
67	C-MD-7407951-0-0	CLIP DOOR STOP
68	9007834	STOCK MOUNT TAPE 3M #4032
69	9008111	BUSHING HEYCO
70	1209152	CHASSIS TRACKS
71	9007616	O RING 9/32 O.D. X 5/32 I.D. X 1/16 THK
72	9003896	WELL-NUT #G-1032
73	9008897	WELL-NUT #D-1420
74	9008105	SCR CAPTIVE #10 SOUTHCO(58-26-309-24)
75	9007051	PLUG BUTTON DOT
76	9005000-2	SCR PHL HD FLAT #2-56 X 3/16 LG
77	9008024-1	SCR PHL HD PAN #2-56 X 9/16 LG
78	9008032	STOP NUT #2-56 ESNA
79	9008301-1	SCR PHL HD PAN #4-40 X 1/4 LG
80	9006013-1	SCR PHL HD PAN #4-40 X 1/2 LG
81	9006018-2	SCR PHL HD FLAT #4-40 X 1 1/4 LG
82	9006557	NUT KEPS #4-40
83	9006022-1	SCR PHL HD PAN #6-32 X 3/8 LG
84	9006020-2	SCR PHL HD FLAT #6-32 X 1/4 LG

7006756-1	7006756-2	7006756-3	7006756-4	7006756-5	7006756-6	7006756-7	7006756-8
2	2	2	2	2	2	2	2
1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2
1	1	1	1	1	1	1	1
A/RA/RA/RA/R	A/RA/RA/RA/R	A/RA/RA/RA/R	A/RA/RA/RA/R	A/RA/RA/RA/R	A/RA/RA/RA/R	A/RA/RA/RA/R	A/RA/RA/RA/R
1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2
8	8	8	8	8	8	8	8
10	10	10	10	10	10	10	10
2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2
1	1	1	1	1	1	1	1
16	16	16	16	16	16	16	16
16	16	16	16	16	16	16	16
8	8	8	8	8	8	8	8
1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1
11	11	11	11	11	11	11	11
9	9	9	9	9	9	9	9

TITLE TRANSPORT, TAPE ASSY	ASSY NO. D-AD-7006756-0-0	SIZE A	CODE PL	NUMBER 7006756-0-0	REV. K	ECO NO.
SHEET 4 OF 8		DIST.				

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

QUANTITY / VARIATION

MADE BY RAY ROBICHAUD	CHECKED K. Russ	SECTION
DATE 1-13-71	DATE	1
ENG J. Barthelemy	PROD B.E. Cross	ISSUED SECT.
DATE 2/23/71	DATE 2-23-71	1

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION
41	B-MD-7407962-0-0	SHAFT, SOLENOID
42	B-PS-1210372-0-0	ANGLE, SOLENOID SHAFT
43	E-MD-7407988-0-0	CHAMBER, PLENUM
44	C-MD-7407987-0-0	CLEAT, MOTOR
45	C-MD-7407992-0-0	BRACKET, LOGIC
46	E-UA-1003-0-0	CAPSTAN, SERVO POWER AMPLIFIER
47	C-MD-7407997-0-0	BRACKET, SHIPPING
48	1209858	SOLENOID DELTROL CONTROLS #D-15
49	1209870	SWITCH MCGILL #2603-1150
50	1205944-1	VACUUM PUMP W/RING "LAMB"
51	1209750	BUMPER
52	1210477	LOW PRESSURE SENSOR
53	1210330	EOT-BOT ASSY
54	9006683	WASHER SPLIT #4
55	9008137	RETAINING RING #555-25S
56	1209756	CAPSTAN MOTOR
57	1210346	TAPE REEL, TAKE UP
58	9008898	SPRING #LC-032E-1
59	1209889	HOSE FITTING #11752-1
60	9006531	ROLL PIN 1/8 DIA X 3/8 LG
61	9006526	ROLL PIN 3/32 DIA X 1/2 LG
62	9003329	ROLL PIN 1/16 DIA X 1" LG

7006756-1	7006756-2	7006756-3	7006756-4	7006756-5	7006756-6	7006756-7	7006756-8
1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2
1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1
4	4	4	4	4	4	4	4
8	8	8	8	8	8	8	8
1	1	1	1	1	1	1	1
8	8	8	8	8	8	8	8
2	2	2	2	2	2	2	2
1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2
5	5	5	5	5	5	5	5
1	1	1	1	1	1	1	1

TITLE TRANSPORT, TAPE ASSY	ASSY NO. D-AD-7006756-0-0	SIZE A	CODE PL	NUMBER 7006756-0-0	REV. K	ECO NO.
SHEET 3 OF 8		DIST.				

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

QUANTITY / VARIATION

MADE BY RAY ROBICHAUD			CHECKED KEN RUSS			SECTION						
DATE 1-13-71			DATE			ISSUED SECT.						
ENG <i>J. Barone</i>			PROD <i>B. Elms</i>			ISSUED SECT.						
DATE 2/22/71			DATE 2-23-71			ISSUED SECT.						
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	7006756-1	7006756-2	7006756-3	7006756-4	7006756-5	7006756-6	7006756-7	7006756-8		
85	9006020-1	SCR PHL. PAN HD 6-32 X 1/4 LG	2	2	2	2	2	2	2	2		
86	9006022-2	SCR PHL HD FLAT #6-32 X 3/8 LG	6	6	6	6	6	6	6	6		
87	9009049	SCR SET #A-40 X 3/8 LG. NYLON TIP	1	1	1	1	1	1	1	1		
88	9006021-3	SCR PHL HD TRUSS 6-32 X 5/16 LG	14	14	14	14	14	14	14	14		
89	9008046-8	SCR SOC HD CAP 6-32 X 1/2 LG	2	2	2	2	2	2	2	2		
90	9006026-3	SCR PHL HD TRUSS 6-32 X 3/4 LG	1	1	1	1	1	1	1	1		
91	9006027-1	SCR PHL HD PAN 6-32 X 7/8 LG	1	1	1	1	1	1	1	1		
92	9006028-3	SCR PHL HD TRUSS 6-32 X 1" LG	2	2	2	2	2	2	2	2		
93	9008325-8	SCR SOC HD CAP 6-32 X 1-1/4 LG	7	7	7	7	7	7	7	7		
94	9008472-2	SCR PHL HD FLAT 6-32 X 1-3/8 LG	1	1	1	1	1	1	1	1		
95	9007549	WASHER EXT TOOTH #6	26	26	26	26	26	26	26	26		
96	9007301	WASHER #6 SPLIT	9	9	9	9	9	9	9	9		
97	9006533	WASHER #6 FLAT	8	8	8	8	8	8	8	8		
98	9005530	NUT KEPS 6-32	5	5	5	5	5	5	5	5		
99	9008033	NUT STOP 6-32 ESNA	1	1	1	1	1	1	1	1		
100	9009174	SCR, CUP POINT SET #10-32 X 1/4	4	4	4	4	4	4	4	4		
101	9006025-1	SCR PHL HD PAN 8-32 X 1/4 LG	5	5	5	5	5	5	5	5		
102	9006336-8	SCR SOC HD CAP #8-32 X 5/16 LG	6	6	6	6	6	6	6	6		
103	9008338-8	SCR SOC HD CAP #8-32 X 1/2 LG	2	2	2	2	2	2	2	2		
104	9008411-8	SCR SOC HD CAP 8-32 1 1/4 LG	2	2	2	2	2	2	2	2		
105	9006530	WASHER SPLIT #8	10	10	10	10	10	10	10	10		
106	9008072	WASHER EXT TOOTH #8	5	5	5	5	5	5	5	5		
TITLE TRANSPORT, TAPE ASSY			ASSY NO. D-AD-7006756-0-0			SIZE CODE A PL		NUMBER 7006756-0-0			REV. K	ECO NO.
			SHEET 5 OF 8			DIST.						

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

QUANTITY / VARIATION

MADE BY RAY ROBICHAUD			CHECKED KEN RUSS			SECTION						
DATE 1-13-71			DATE			ISSUED SECT.						
ENG <i>J. Barone</i>			PROD <i>B. Elms</i>			ISSUED SECT.						
DATE 2/22/71			DATE 2-23-71			ISSUED SECT.						
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	7006756-1	7006756-2	7006756-3	7006756-4	7006756-5	7006756-6	7006756-7	7006756-8		
107	9006071-1	SCR PHL PAN HD 10-32 X 3/8 LG	10	10	10	10	10	10	10	10		
108	9006010-3	SCR PHL TRUSS HD 10-32 X 5/16 LG	2	2	2	2	2	2	2	2		
109	9006074-3	SCR PHL HD TRUSS 10-32 X 5/8 LG	2	2	2	2	2	2	2	2		
110	9006347-8	SCR SOC HD CAP 10-32 X 5/8 LG	8	8	8	8	8	8	8	8		
111	9007032	CABLE CLAMP 5/16 I.D	1	1	1	1	1	1	1	1		
112	9006075-2	SCR PHL HD FLAT #10-32 X 3/4 LG	1	1	1	1	1	1	1	1		
113	9006535	KEPS NUT #10-32	2	2	2	2	2	2	2	2		
114	9006077-3	SCR PHL HD TRUSS 10-32 X 1" LG	9	9	9	9	9	9	9	9		
115	9006077-2	SCR PHL HD FLAT 10-32 X 1" LG	1	1	1	1	1	1	1	1		
116	9007651	WASHER EXT TOOTH #10	13	13	13	13	13	13	13	13		
117	9007906	WASHER SPLIT #10	16	16	16	16	16	16	16	16		
118	9006664	WASHER FLAT #10 SST	4	4	4	4	4	4	4	4		
119	9007774	SCR SHOULDER PIC #4331-0	3	3	3	3	3	3	3	3		
120	9006714	WASHER NYLON 1/4 I.D X 1/2 O.D. 1/16 THK	3	3	3	3	3	3	3	3		
121	9006073-3	SCR PHL HD TRUSS 10-32 X 1/2 LG	3	3	3	3	3	3	3	3		
122	9006241	SCR HEX HD CAP 1/2-20 X 1/2 LG	8	8	8	8	8	8	8	8		
123	9006052-3	SCR PHL TRUSS HD 1/2-20 3/4 LG	10	10	10	10	10	10	10	10		
124	B-MD-7409176-0-0	FOAM, CLEAT	1	1	1	1	1	1	1	1		
125	9007792	WASHER FLAT .281 I.D X .625 O.D. X 1/16	8	8	8	8	8	8	8	8		
126	9006724	WASHER EXT TOOTH 1/4	8	8	8	8	8	8	8	8		
127	1210027	BRAKE REEL MOTOR SIMPLATROL	2	2	2	2	2	2	2	2		
128	1209036	FILTER ATOMUFFLER	2	2	2	2	2	2	2	2		
TITLE TRANSPORT, TAPE ASSY			ASSY NO. D-AD-7006756-0-0			SIZE CODE A PL		NUMBER 7006756-0-0			REV. K	ECO NO.
			SHEET 6 OF 8			DIST.						

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

MADE BY RAY ROBICHAUD	CHECKED KEN RUSS	SECTION 1
DATE 1-22-71	DATE	ISSUED SECT. 1
ENG J. Badone	PROD B.E. Cross	
DATE 2/22/71	DATE 2-23-71	

QUANTITY / VARIATION

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	7006756-1	7006756-2	7006756-3	7006756-4	7006756-5	7006756-6	7006756-7	7006756-8										
129	910771	RUBBER TUBING #192	A/RA/RA/RA/RA/RA/R	A/RA/R																
130	910771	HOSE VINYL 3814-1	A/RA/RA/RA/RA/RA/R	A/RA/R																
131	120937-00	SOCKET HOUSING (MATE-N-LOCK) #1-480304-0	6	6	6	6	6	6	6	6										
132	120937-01	CONTACT FEM (MATE-N-LOCK)	13	13	13	13	13	13	13	13										
133	900791	CONN SOLDERLESS ARKLESS #50902	3	3	3	3	3	3	3	3										
134	120937-01	CONTACT MALE (MATE-N-LOCK)	4	4	4	4	4	4	4	4										
135	910735-00	WIRE 22 AWG STRD TEF INS BLK	A/RA/RA/RA/RA/RA/R	A/RA/RA/R																
136	910735-44	WIRE 22 AWG STRD TEF INS YEL	A/RA/RA/RA/RA/RA/R	A/RA/RA/R																
137	120934-01	SOCKET HOUSING (MATE-N-LOCK) #1-480460-0	1	1	1	1	1	1	1	1										
138	900703	CABLE CLAMP 3/16 I.D.	1	1	1	1	1	1	1	1										
139	E-IA-7007177-0-0	TU10 MAIN POWER HARNESS	1	1	1	1	1	1	1	1										
140	900703	TIE WRAP CLAMP #PM2H25M	5	5	5	5	5	5	5	5										
141	900703	TIE WRAP #SST1-M PANDUIT	13	13	13	13	13	13	13	13										
142	900703	TIE WRAP #SST2-M PANDUIT	5	5	5	5	5	5	5	5										
143	900703	CABLE CLAMP 5/16 I.D.	1	1	1	1	1	1	1	1										
144	9006075-3	SCR PHL TRUSS HD 10-32 X 7/8	1	1	1	1	1	1	1	1										
145	1210478	RUBBER RING	1	1	1	1	1	1	1	1										
146	A-DC-7409210-0-0	DECAL TU10	1	1	1	1	1	1	1	1										
147	C-MD-7409603-0-0	COVER, PLENUM	1	1	1	1	1	1	1	1										
148	B-MD-7409602-0-0	DEFLECTOR	1	1	1	1	1	1	1	1										
149	9007024	GROMMET, RUBBER #91107	1	1	1	1	1	1	1	1										
150	9008490	SCR, PAN HD PHL #6-32 x 1/2 LG SELF TAPPING	2	2	2	2	2	2	2	2										

TITLE TRANSPORT, TAPE ASSY		ASSY NO. D-AD-7006756-0-0	SIZE A	CODE PL	NUMBER 7006756-0-0	REV. K	ECO NO.
SHEET 7 OF 8			DIST.				

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

MADE BY RAY ROBICHAUD	CHECKED K. RUSS	SECTION 1
DATE 1/13/71	DATE	ISSUED SECT. 1
ENG J. FARDONE	PROD B. CROSS	
DATE 2/22/71	DATE 2/23/71	

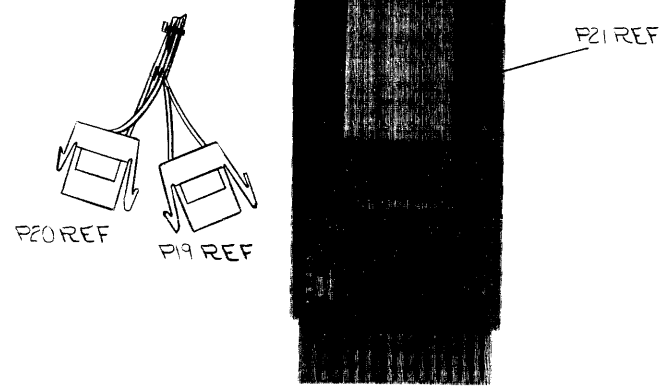
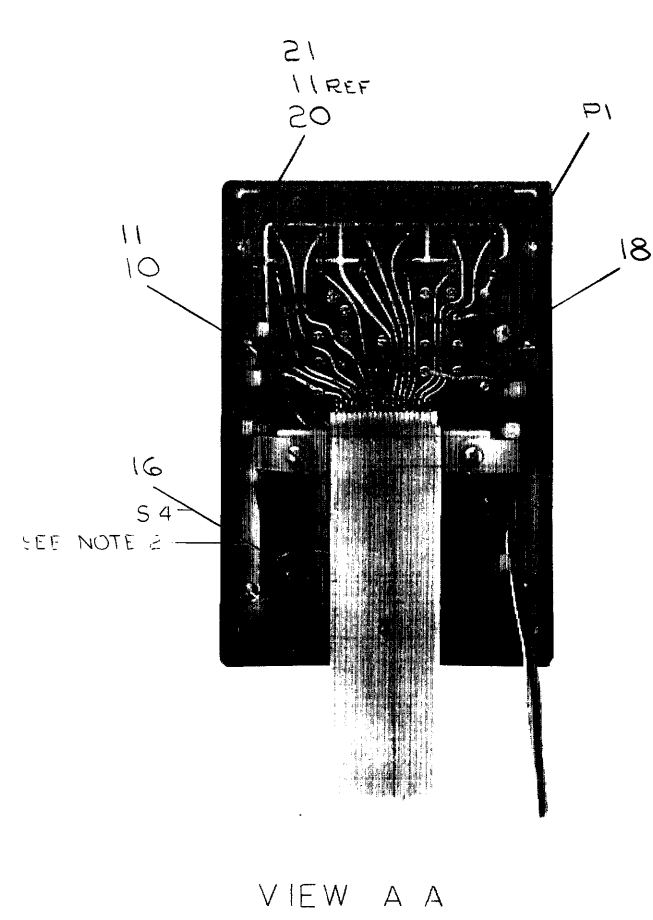
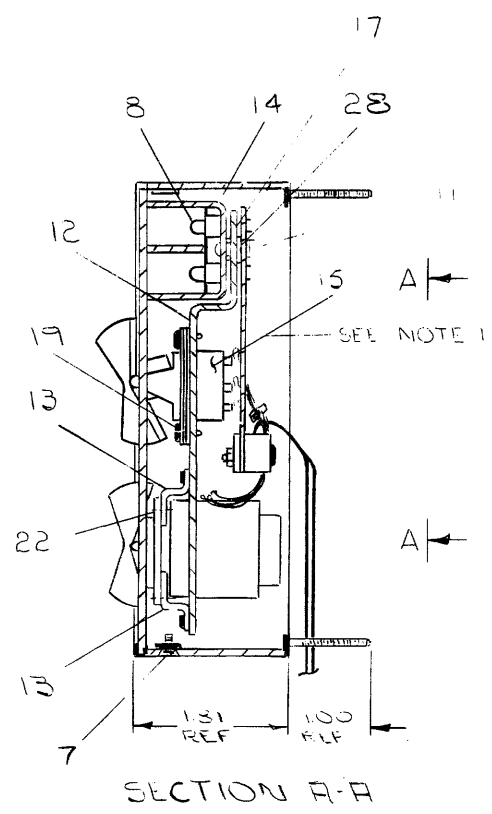
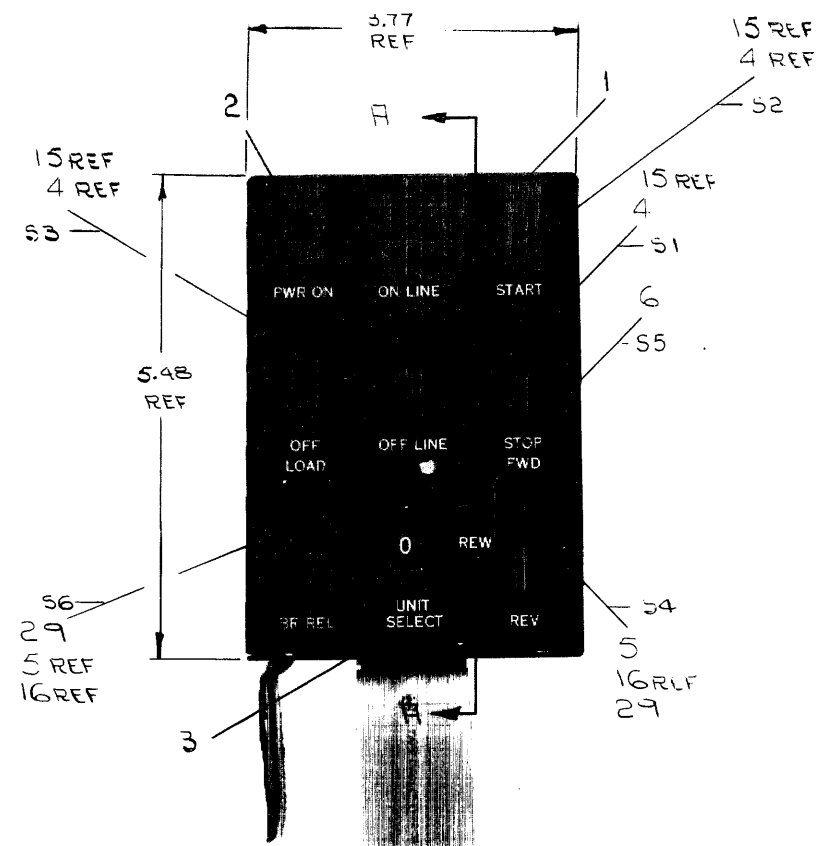
QUANTITY / VARIATION

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	7006756-1	7006756-2	7006756-3	7006756-4	7006756-5	7006756-6	7006756-7	7006756-8										
151	9006009-8	SCR, CAP SOCKET HD. #4-40 x 1/2 LG.	3	3	3	3	3	3	3	3										
152	9008887	BRAID STRAP	1	1	1	1	1	1	1	1										
153	9009377	ROLL PIN 3/32 X 5/16 LG.	1	1	1	1	1	1	1	1										

TITLE TRANSPORT, TAPE ASSY.		ASSY NO. D-AD-7006756-0-0	SIZE A	CODE PL	NUMBER 7006756-0-0	REV. K	ECO NO.
SHEET 8 OF 8			DIST.				

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NOTES:
 1. THE 6 CONTACTS OF THESE 3 SWITCHES SHOULD BE BENT AT 90° AWAY FROM EACH OTHER.
 2. THESE 2 SWITCHES SHOULD BE MOUNTED SO THAT THE LONG EARS OF EACH SWITCH ARE FACING THE TOP OF THE CONTROL BOX.



REV	CHG	NO	DATE
A			1/22/73

FIRST USED ON OPTION / MODEL
 TUIO

DO NOT SCALE DRAWING	DATE 17 Dec 72
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	DATE 11 10 72
TOLERANCES	DATE 4/9/72
ANGLES = 0°30'	DATE 3/9/72
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	DATE 09 71
MATERIAL	
FINISH	

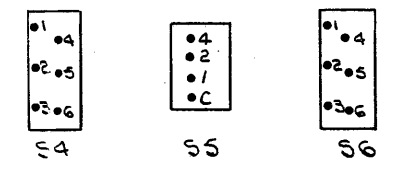
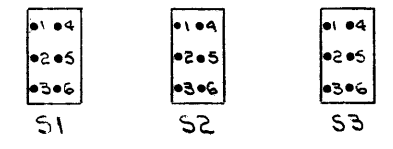
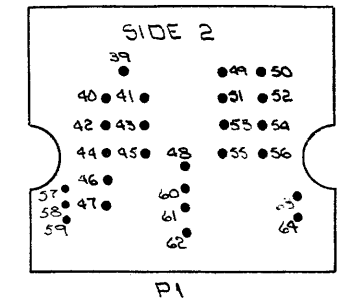
QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		
TITLE CONTROL BOX ASSEMBLY			
	SIZE CODE	NUMBER	REV.
	DAD	7006757-0-0	A
SCALE	DIST.		
SHEET	OF		

REV A
 NUMBER 7006757-0-0
 SIZE CODE DAD

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WIRE TABLE

ITEM NO	DESCRIPTION	FROM CONNECTION	WITH	TO CONNECTION	WITH	SIGNAL NAME	REMARKS
27	22 BLU	PI-40	SOLDER	S4-4	SOLDER	M REV	
27	BLU	PI-42		S4-2		M FWD	
27	BLU	PI-44		S4-6		M REV	
27	BLU	PI-46		S4-5		-15 V	
26	BLK	PI-47		S5-C		LOGIC COMMON	
23	VIO	PI-39		S6-4		UNIT SELECT 2	
23	VIO	PI-41		S5-2		UNIT SELECT 1	
23	VIO	PI-43		S5-1		UNIT SELECT 0	
27	BLU	PI-45		S6-3		OFF	
27	BLU	PI-49		S6-5		LOAD	
27	BLU	PI-51		S6-1		BRAKE REL	
24,25	BUS/BLU	S4-1		S4-5		-15V	
24	BUS	S4-3		S4-3		-15V	
24,25	BUS/BLU	S4-3		S6-6		-15V	
24,25	BUS/BLU	S6-6		S6-2		-15V	
24,25	BUS	S6-2		S6-4		-15V	
27	BLU	PI-57		S1-1		STOP	
27	BLU	PI-58		S1-2		-15V	
27	BLU	PI-59		S1-3		START	
27	BLU	PI-60		S2-1		OFF LINE	
27	BLU	PI-61		S2-2		-15V	
27	BLU	PI-62		S2-3		ON LINE	
26	22 BLK	PI-63	SOLDER	S3-2	SOLDER	LOGIC COMMON	
26	22 BLK	PI-64	SOLDER	S3-3	SOLDER	POWER ON L	



REAR VIEW

REV	
CHK	
CHANGE NO.	
REVISIONS	

FIRST USED ON OPTION/MODEL
TU10

DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED
DIMENSIONS IN INCHES
TOLERANCES PERMMANENT DIMENSIONS ANGLES
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS
MATERIAL
FINISH

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN: <i>[Signature]</i> DATE: 1/26/71 CHK'D: <i>[Signature]</i> DATE: 1/26/71 ENR: <i>[Signature]</i> DATE: 1/27/71 PROJ. ENG: <i>[Signature]</i> DATE: 1/27/71 PROD: <i>[Signature]</i> DATE: 1/27/71		digital EQUIPMENT CORPORATION MATHEW, MASSACHUSETTS	
NEXT HIGHER ASSY		TITLE	
DAD 7006756-0-0		CONTROL BOX ASSEMBLY	
SCALE	NONE	SIZE CODE	NUMBER
SHEET	2 OF 2	DAD 7006757-0-0	REV. A

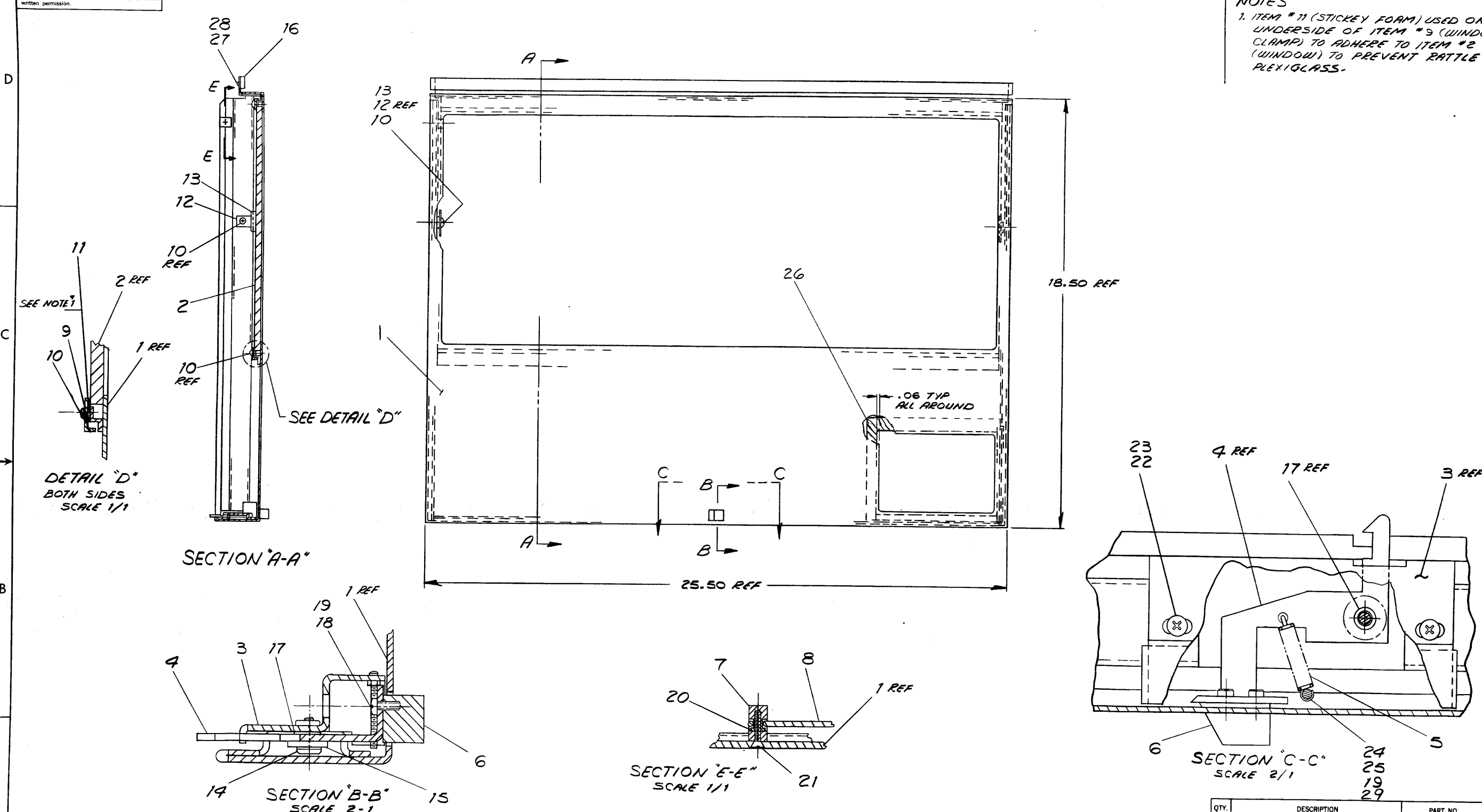
DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS				QUANTITY / VARIATION																			
PARTS LIST																							
MADE BY P.J. LEBLANC		CHECKED J. FLEMING		SECTION																			
DATE 12-17-70		DATE 12-21-70		1																			
ENG <i>J. Bardon</i>		PROD <i>B E Cross</i>		ISSUED SECT.																			
DATE 1/9/71		DATE 4-9-71		1																			
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION																					
1	D-IA-7407942-0-0	CONTROL BOX				1																	
2	C-IA-7407945-0-0	CONTROL PANEL				1																	
3	C-IA-7408000-0-0	PANEL, CLIP				1																	
4	1205317-13	BUTTON ROCKER SWITCH				3																	
5	1209711-1	BUTTON ROCKER SWITCH				2																	
6	1210078	SWITCH, DIGITRAN #8-D-97				1																	
7	9006009-2	SCR PHL HD FLAT #4-40 X 1/4 SST				1																	
8	1209169	LAMP, OSLINE #2335 "0"				12																	
9	D-IA-7007057-0-0	CABLE CONTROL BOX				1																	
10	9006010-4	SCR SLOTTED BND HD #4-40 X 5/16 SST				4																	
11	9006632	LOCK WASH #4 INT TOOTH				20																	
12	B-MD-7407941-0-0	PANEL, SUB PLATE				1																	
13	A-MD-7407938-0-0	BRACKET, DIGISWITCH				2																	
14	D-MD-7407937-0-0	EGG CRATE				1																	
15	1205941	SWITCH, ROCKER #RS-50-FB-PC				3																	
16	1209614	SWITCH, ROCKER				2																	
17	9007835	O RING BUNA-N #006 1/8 I.D. X 1/4 O.D.				2																	
18	9007031	TIE WRAP #SST1-M PANDUIT				A/R																	
19	9008327	SCR SELF TAPPING #4-40 X 1/4 SST				14																	
20	9006013-1	SCR PHL HD, PAN #4-40 1/2 SST				2																	
21	9006556	NUT HEX SST #4-40 X 1/4 X 1/16				2																	
22	9008449	SCR PHL HD FLAT #2-56 X 1/4 SST				4																	
TITLE CONTROL BOX ASSEMBLY				ASSY NO. D-AD-7006757-0-0		SIZE CODE A PL		NUMBER 7006757-0-C				REV. A		ECO NO. TUIØ 00068									
				SHEET 1 OF 2		DIST. G																	

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS				QUANTITY / VARIATION																			
PARTS LIST																							
MADE BY P.J. LEBLANC		CHECKED J. FLEMING		SECTION																			
DATE 12-17-70		DATE 12-21-70		1																			
ENG <i>J. Bardon</i>		PROD <i>B E Cross</i>		ISSUED SECT.																			
DATE 1/9/71		DATE 4-9-71		1																			
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION																					
23	9107350-77	WIRE #22 AWG STRD TEF INS VIO				A/R																	
24	9107560-01	WIRE, BUS #22 AWG				A/R																	
25	9107256-66	TUBING, TEFLON #22 AWG BLUE				A/R																	
26	9107350-00	WIRE #22 AWG STRD TEF INS BLK				A/R																	
27	9107350-66	WIRE #22 AWG STRD TEF INS BLUE				A/R																	
28	9008079	WASHER FIBER #6				2																	
29	9003842	PIN 1/16 X 5/16 LG				2																	
TITLE CONTROL BOX ASSEMBLY				ASSY NO. D-AD-7006757-0-0		SIZE CODE A PL		NUMBER 7006757-0-0				REV. A		ECO NO.									
				SHEET 2 OF 2		DIST. G																	

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REV. A
 NUMBER 7006743-0-0
 SIZE CODE D AD

NOTES
 1. ITEM # 11 (STICKEY FOAM) USED ON UNDERSIDE OF ITEM # 9 (WINDOW CLAMP) TO ADHERE TO ITEM # 2 (WINDOW) TO PREVENT RATTLE OF PLEXIGLASS.



REV.	CHG.	NO.	DATE	BY	CHK.
A		1	10/17/71	RABONI	

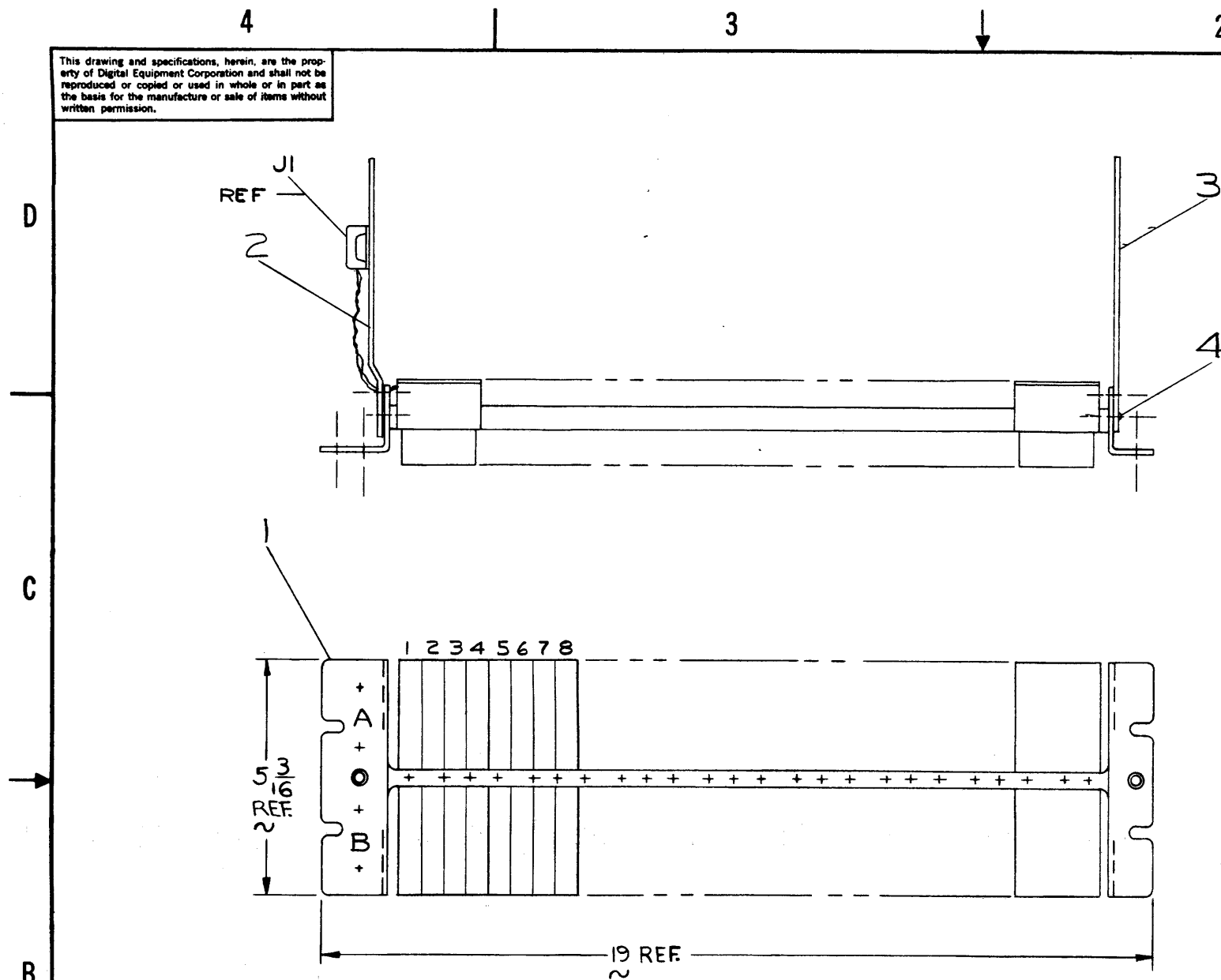
QTY.	DESCRIPTION	PART NO.	ITEM NO.

FIRST USED ON OPTION/ MODEL TU10	DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSION X IN.	DRN <i>R. Richard</i> DATE <i>5-2-70</i> ENG <i>J. Barbone</i> DATE <i>11/17/71</i> PROJ. ENG. <i>J. Barbone</i> DATE <i>1/27/71</i> PROD. <i>J. Barbone</i> DATE <i>1-19-71</i>	EQUIPMENT CORPORATION TITLE UNIT DOOR ASSY
TOLEANCES DECIMALS .XXX = ± .005 .XX = ± .02 .X = ± .1	TOLERANCES ANGLES = 0°30' FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	MATERIAL FINISH	NEXT HIGHER ASSY D-AD-7006756-0-0 SCALE 1/2 SHEET 1 OF 1

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS PARTS LIST					QUANTITY / VARIATION																
MADE BY D.K. CRABBE		CHECKED <i>K. Russ</i>		SECTION																	
DATE 2/23/70		DATE 5/26/70		1																	
ENG <i>J. Baudone</i>		PROD <i>BEG</i>		ISSUED SECT.																	
DATE 1-27-71		DATE 1/29/71		1																	
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION																			
1	D-IA-7408003-0-0	DOOR, UNIT										1									
2	B-MD-7407964-0-0	WINDOW, DOOR										1									
3	B-IA-7407974-0-0	PLATE, LATCH										1									
4	B-MD-7407972-0-0	LATCH, DOOR										1									
5	9008895	SPRING #LE-020A-00 LEE										1									
6	A-MD-7407970-0-0	BUTTON, DOOR										1									
7	A-MD-7407940-0-0	BLOCK, DOOR STOP										1									
8	A-MD-7407976-0-0	STOP, DOOR										1									
9	A-MD-7407977-0-0	CLAMP, WINDOW										2									
10	9008230	SCR PHL HD SELF TAPPING #6-32 X 1/4 (PASS)										12									
11	9008273-0	TAPE FOAM ADHESIVE BACKED 1/8 X 1/4										A/R									
12	A-MD-7407975-0-0	CLAMP, SHORT										2									
13	9008209	BUMPER RUBBER #X650 ATL INDIA										A/R									
14	9008444	SCR BUTTON HD #8-32 X 3/8 LG. NYLOK										1									
15	9008232	WASHER #2713-25063-T156										1									
16	B-MD-7407971-0-0	SUPPORT, DOOR										1									
17	9006708	WASHER FLAT .031 THK NYLON .375 X.187 I.D.										1									
18	9006001-1	SCR PHL PAN HD #2-56 X 1/4 LG										2									
19	9006631	WASHER INT. TOOTH #2										3									
20	9008253	EYELET #G56-6 STIMPSON										1									
21	9006041-2	SCR PHL FLAT HD #8-32 X 3/4 LG										1									
22	9006021-1	SCR PHL HD PAN #6-32 X 5/16 LG										2									
TITLE		ASSY NO.		SIZE CODE		NUMBER				REV.		ECO NO.									
UNIT DOOR ASSY		D-AD-7006743-0-0		A PL		7006743-0-0				A		TU10-00035									
		SHEET 1 OF 2		DIST.																	

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS PARTS LIST					QUANTITY / VARIATION																
MADE BY D.K. CRABBE		CHECKED <i>K. Russ</i>		SECTION																	
DATE 3/23/70		DATE 5/26/70		1																	
ENG <i>J. Baudone</i>		PROD <i>BEG</i>		ISSUED SECT.																	
DATE 1-27-71		DATE 1/29/71		1																	
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION																			
23	9007649	WASHER EXT TOOTH #6										2									
24	9006006-1	SCR PHL HD PAN #2-56 X 3/4 LG										1									
25	9006555	NUT HEX #2-56										1									
26	B-MD-7408879-0-0	FOAM, DOOR										1									
27	9008032-1	SCR PHL HD PAN #4-40 X 3/16 LG										8									
28	9006655	WASHER FLAT #4 SST										8									
29	9008053	NUT 2-56 ESNA										1									
TITLE		ASSY NO.		SIZE CODE		NUMBER				REV.		ECO NO.									
UNIT DOOR ASSY		D-AD-7006743-0-0		A PL		7006743-0-0				A											
		SHEET 2 OF 2		DIST.																	

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ITEM NO.	DESCRIPTION	FROM CONNECTION	TO CONNECTION
13	ELAPSED TIME ASSY	A25 R2	A25 T1
8	1UF 250VDC	A05A2	A07C2
8		A04B2	A06C2
8		A16B2	A18C2
8		A17A2	A19C2
8		A24B2	A26C2
8		A25A2	A27C2
8		A32B2	A30C2
8		A31A2	A29C2
8		B24B2	B22C2
8		B23A2	B21C2
8		B14B2	B12C2
8		B13A2	B11C2
8		B02A2	B04C2
8	1UF 250VDC	B29B2	B27C2
9	7407751	A15A2	A15C1
10	7408234	A15C1	A14C2
11	47Ω	A15P2	A18T2
11	47Ω	A15M2	A18S2
12	.001μf.	A15P2	A15T1
12	.001μf.	A15M2	A16T1

ITEM NO	DESCRIPTION	FROM	TO	
AWG	COLOR	CONNECTION	CONNECTION	
5	22	RED	J1- +5	A01-A2
6	22	BLU	J1- -15	A01-B2
7	22	BLK	J1- GND	A05-C2
5	22	RED	J1- +5	B01-A2
6	22	BLU	J1- -15	B01-B2
7	22	BLK	J1- GND	B01-C2

NOTES: * ADD THESE COMPONENTS ON TUIØ MASTERS ONLY ACCORDING TO A-SP-TUIØ-Ø-2Ø
 ** ITEM 13 COMES WITH ADHESIVE BACKING AND SHOULD BE PLACED ON THE CRUCIFORM, BELOW THE LOGIC ASSY.

REV.	CHG. NO.	DATE	BY
A	TUIØ-00029	3-23-71	J. BARDONE
B	TUIØ-00000	4-9-71	J. BARDONE
C	TUIØ-00052	9-11-71	J. BARDONE

TOLERANCE DECIMALS
 XXX = ±.005
 XX = ±.02
 X = ±.1

FIRST USED ON OPTION/MODEL TUIØ	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES DECIMALS FRACTIONS ANGLES ±.005 ±.004 ±0°30'	DRN M. McCarty	DATE 12/28/70	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	CHK'D R. Cook	DATE 12-30-70	TITLE LOGIC ASSY (TUIØ)	
MATERIAL SEE PARTS LIST	ENG. J. Bardone	DATE 1-19-71	REV. C	
FINISH //	PROJ. ENG. J. Bardone	DATE 1-19-71	SIZE CODE C AD 7006754-0-0	
	PROD. G. Elross	DATE 1-19-71	NUMBER 7006754-0-0	
	NEXT HIGHER ASSY D-AD-7006756-0-0		DIST. G	
	SCALE NONE		SHEET 1 OF 1	

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS PARTS LIST				QUANTITY / VARIATION													
MADE BY W.F. MCCARTHY		CHECKED R. COOK		SECTION													
DATE 12-28-70		DATE 12-30-70		1													
ENG <i>F. Bardone</i>		PROD <i>BE 6000</i>		ISSUED SECT.													
DATE 1-19-71		DATE 1-19-71		1													
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION															
1	D-AD-7006755-0-0	WIRED ASSY (TU10)		1													
2	C-IA-5404490-0-0	LEFT END PANEL ASSY H911		1													
3	C-MD-5302486-0-0	RIGHT END PANEL		1													
4	9006509	POP RIVET AD43 BS USMC		8													
5	9107350-22	WIRE #22AWG STRD,TEF. INS. RED		A/R													
6	9107350-66	WIRE #22AWG STRD,TEF. INS. BLU		A/R													
7	9107350-00	WIRE #22AWG STRD,TEF. INS. BLK		A/R													
8	74-08934	1 uf 250 VDC CAP, 30 AWG TERMINATOR		14													
9	74-07751	1.5K, 1/4W, 5%, 30 AWG TERMINATOR		1													
10	74-08234	.01uf 30 AWG TERMINATOR		1													
11	74-09262	47 OHM 1/2W 5% 30 AWG TERMINATOR		2													
12	74-08598	.001 uf 30 AWG TERMINATOR		2													
13	12-10721	ELAPSED TIME INDICATOR ASSY.		1													
TITLE LOGIC ASSY (TU10)			ASSY NO. C-AD-7006754-0-0		SIZE CODE A PL		NUMBER 7006754-0-0		REV. C		ECO. NO. TU10-00052						
			SHEET 1 OF 1		DIST. <i>G</i>												

DEC FORM NO.16-1031
DRA 110

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DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS						
ENGINEERING SPECIFICATION				DATE 3/23/71		
TITLE TU10 Acceptance Criteria, Seven and Nine Track Slave						
REVISIONS						
REV	DESCRIPTION	CHG NO	ORIG	DATE	APPD BY	DATE
A	CHANGE PER ECO	TU10-00052	M. MORGAN-STERN	10-18-71	<i>M. Morgan</i>	10/19/71
B	CHANGE PER ECO	TU10-00078	H. DRAB	11-16-73	<i>H. Drab</i>	11/21/73

Scope: To define the criteria necessary to accept for shipment the TU10 Tape Transports.

Test Software:

D9AA	MainDEC-08-D9AA-D
D9BA	MainDEC-08-D9BA-D
D9CA	MainDEC-08-D9CA-D
D9XA	MainDEC-08-D9XA-D

1 new reel magnetic Tape

Test Hardware:

Computer DEC P.D.P.-8 w/TC58 and 3-cycle Data break facility.
Magnetic tape cleaning kit

Procedure:

Note: The following times are for 1 transport, for 2 transports times double, for 3 times triple, etc.

- Complete the standard option checklist form for prints, cables etc. See note 5.
- Run the following mainDECs for 10 minutes without error.
 - Note #1 - gives TU10 7 track timing
 - Note #2 - gives TU10 9 track timing
 - a) Instruction test - D9XA
 - b) Drive Function timer - D9BA
- Run D9AA data reliability test, one pass per test sequence
 - a) Test 4, Pattern 6, Density 800 B.P.I., Odd Parity
 - b) Test 5, Pattern 7, Density 800 B.P.I., Odd Parity
 - c) Repeat 3-B
 - d) See Note 3

ENG <i>J. Bardone</i>	APPD <i>Fred Coll</i>	SIZE A	CODE SP	NUMBER TU10-0-19	REV B
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ENGINEERING SPECIFICATION		CONTINUATION SHEET																																																																								
TITLE TU10 Acceptance Criteria, Seven and Nine Track Slave																																																																										
<p>4. Run D9CA random exercise for 2 hrs.</p> <p>a) See Note #3</p> <p>A unit is accepted for shipment to a customer when the above has been completed.</p> <p>Shipping Software:</p> <table style="width: 100%;"> <tr> <td>Manual</td> <td>TU10 Instruction Manual</td> </tr> <tr> <td>Manual</td> <td>A-ML-TU10- See #</td> </tr> <tr> <td>Prints</td> <td></td> </tr> <tr> <td>Programs</td> <td></td> </tr> <tr> <td>D9AA</td> <td>Maindec-08-D9AA-D</td> </tr> <tr> <td>D9BA</td> <td>Maindec-08-D9BA-D</td> </tr> <tr> <td>D9CA</td> <td>Maindec-08-D9CA-D</td> </tr> <tr> <td>D9XA</td> <td>Maindec-08-D9XA-D</td> </tr> </table> <p>One new reel magnetic tape. (Used for acceptance).</p> <p>Shipping Hardware:</p> <ol style="list-style-type: none"> I/O cables 15 feet unless otherwise specified number of cables according to system configurations. 1 cleaning kit. <p>Note #1: TU10 7 track PDP-8 delay tolerances in milliseconds.</p> <table style="width: 100%;"> <tr> <th colspan="4" style="text-align: center;">Drive X</th> </tr> <tr> <td style="width: 15%;">182.9</td> <td style="width: 50%;">Write Load Point Delay</td> <td style="width: 15%;"></td> <td style="width: 10%; text-align: right;">+10</td> </tr> <tr> <td>.9</td> <td>Write Shutdown</td> <td></td> <td style="text-align: right;">-.5, +1.5</td> </tr> <tr> <td>12.5</td> <td>Write Start</td> <td></td> <td style="text-align: right;">-.5, +1.5</td> </tr> <tr> <td>12.0</td> <td>Settle Down</td> <td></td> <td style="text-align: right;">+4</td> </tr> <tr> <td>010.5</td> <td>Write to erase head</td> <td></td> <td style="text-align: right;">+3</td> </tr> <tr> <td>13.5</td> <td>Write Nonstop gap</td> <td></td> <td style="text-align: right;">+1</td> </tr> <tr> <td>05.20</td> <td>BKSP Shutdown</td> <td></td> <td style="text-align: right;">+0.5</td> </tr> <tr> <td>.9</td> <td>Read Shutdown</td> <td></td> <td style="text-align: right;">+0.5</td> </tr> </table> <p style="text-align: center;">Drive X Gap Consistency</p> <table style="width: 100%;"> <tr> <td style="width: 15%;">20.8</td> <td style="width: 50%;">Gap 1</td> <td style="width: 15%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>19.8</td> <td>Gap 2</td> <td></td> <td></td> </tr> <tr> <td>19.8</td> <td>Gap 3</td> <td></td> <td></td> </tr> <tr> <td>27.8</td> <td>Gap 4</td> <td></td> <td></td> </tr> <tr> <td>35.0</td> <td>Gap 5</td> <td></td> <td></td> </tr> </table> <div style="text-align: center; margin-top: 10px;"> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">ACCUMULATIVELY</p> </div>			Manual	TU10 Instruction Manual	Manual	A-ML-TU10- See #	Prints		Programs		D9AA	Maindec-08-D9AA-D	D9BA	Maindec-08-D9BA-D	D9CA	Maindec-08-D9CA-D	D9XA	Maindec-08-D9XA-D	Drive X				182.9	Write Load Point Delay		+10	.9	Write Shutdown		-.5, +1.5	12.5	Write Start		-.5, +1.5	12.0	Settle Down		+4	010.5	Write to erase head		+3	13.5	Write Nonstop gap		+1	05.20	BKSP Shutdown		+0.5	.9	Read Shutdown		+0.5	20.8	Gap 1			19.8	Gap 2			19.8	Gap 3			27.8	Gap 4			35.0	Gap 5		
Manual	TU10 Instruction Manual																																																																									
Manual	A-ML-TU10- See #																																																																									
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Drive X																																																																										
182.9	Write Load Point Delay		+10																																																																							
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12.0	Settle Down		+4																																																																							
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13.5	Write Nonstop gap		+1																																																																							
05.20	BKSP Shutdown		+0.5																																																																							
.9	Read Shutdown		+0.5																																																																							
20.8	Gap 1																																																																									
19.8	Gap 2																																																																									
19.8	Gap 3																																																																									
27.8	Gap 4																																																																									
35.0	Gap 5																																																																									

SIZE A	CODE SP	NUMBER TU10-0-19	REV B
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ENGINEERING SPECIFICATION

CONTINUATION SHEET

TITLE TU10 Acceptance Criteria, Seven and Nine Track Slave

Drive X Gap Consistency

42.3 Gap 6 + 1
 48.9 Gap 7 -
 56.3 Gap 8

Gaps 8 > 7 > 6 > 5 > 4 > 1 >

Gap 2 = GAP 3 +1.1
 -0.2

Drive X

12.5 Write start -.5, +1.5
 096.4 Write X IRG ±5.0
 087. Read from BOT delays ±5.0
 00.89 Last charctr. to MTF + 0.2
 105.8 Write EOF ±5.0
 106.2 EOR to EOF sp time status=4101 ±5.0
 .9 Space shutdown ± 0.5

Drive X functions at 556 bpi

182.9 Write start ± 10
 022.1 1" data time + 1
 .9 Write shutdown -0.5, +1.5
 05.20 BKSP shutdown + 0.5
 00.90 Last charctr. to MTF ± 0.2
 .9 Read shutdown + 0.5

Drive X functions at 200 bpi

12.5 Write load point delay -.5, +1.5
 022.1 1" Data time + 1
 .9 Write shutdown - .5, +1.5
 5.20 BKSP shutdown ± 0.5
 1.05 Last charctr. to MTF ± 0.2
 .9 Read shutdown ± 0.5

Drive X

2.33 Forward acceleration < 3.5
 75. Forward deceleration N.A. to TU10
 1.33 Forward deceleration < 3.0
 (calculated)
 .83 BKW deceleration N.A. to TU10
 40.90 BKW deceleration (calculated) N.A. to TU10

SIZE	CODE	NUMBER	REV
A	SP	TU10-0-19	B

ENGINEERING SPECIFICATION

CONTINUATION SHEET

TITLE TU10 Acceptance Criteria, Seven and Nine Track Slave

End of Timing

Note No.2: TU10, nine track
 PDP8 delay tolerances in milliseconds

Drive X

180.0 Write load point delay + 10
 0.9 Write shutdown -5, +1.5
 9.0 Write start ± 1.0
 12.0 Settle down + 4
 10.0 Write to erase head + 5, -2.5
 10.0 Write non-stop gap -1.0, +2.0
 0.9 BKSP shutdown .8 to 1.0
 0.9 Read shutdown .8 to 1.0

Drive X gap consistency

14.0 Gap 1 Normal range 10.0 to 16.0
 13.3 Gap 2 Less than gap 1
 13.2 Gap 3 Approx. equal to gap 2
 18.0 Gap 4
 21.9 Gap 5
 26.2 Gap 6
 30.0 Gap 7
 34.3 Gap 8

Gaps 8 > 7 > 6 > 5 > 4 > 1 , Gap 1 - Gap 2 < 1.7
 Gap 2 = Gap 3 +1.1
 -.2

Drive X

9.0 Write start + 0.5
 95. Write X IRG ±5
 . Read from BOT delays ±5
 .9 Last char. input to MTF + 0.2
 100 Write EOF times ±5
 100 EOR to EOF SP time status=4101 ±5
 .9 Space shutdown + 0.5
 2.8 Forward acceleration 3.5 max.
 78. Forward deceleration N.A. TU10
 2.0 Forward deceleration
 (calculated) 3. max.
 .85 BKW deceleration N.A.
 41.0 BKW deceleration (calculated) N.A.

SIZE	CODE	NUMBER	REV
A	SP	TU10-0-19	B

TITLE TU10 Acceptance Criteria, Seven and Nine Track Slave

Note No. 3:

- (a) Tape must be of known condition and unit must be clean.
- (b) Permanent write error is a function of tape condition.
- (c) Maximum temporary write error = +7 TOTAL
- (d) Maximum temporary read error = 20% of line C.
- (e) Permanent read error = 0, see (a) of Note No.3.
- (f) No logic, data (without parity or error flag), or control errors are allowed.

Note No. 4: PDP11 Systems

Due to program differences, the shutdown times (write shutdown, space shutdown, read shutdown) printed out on PDP11 systems will be 0.9 msec longer than published here. The actual drive performance is the same.

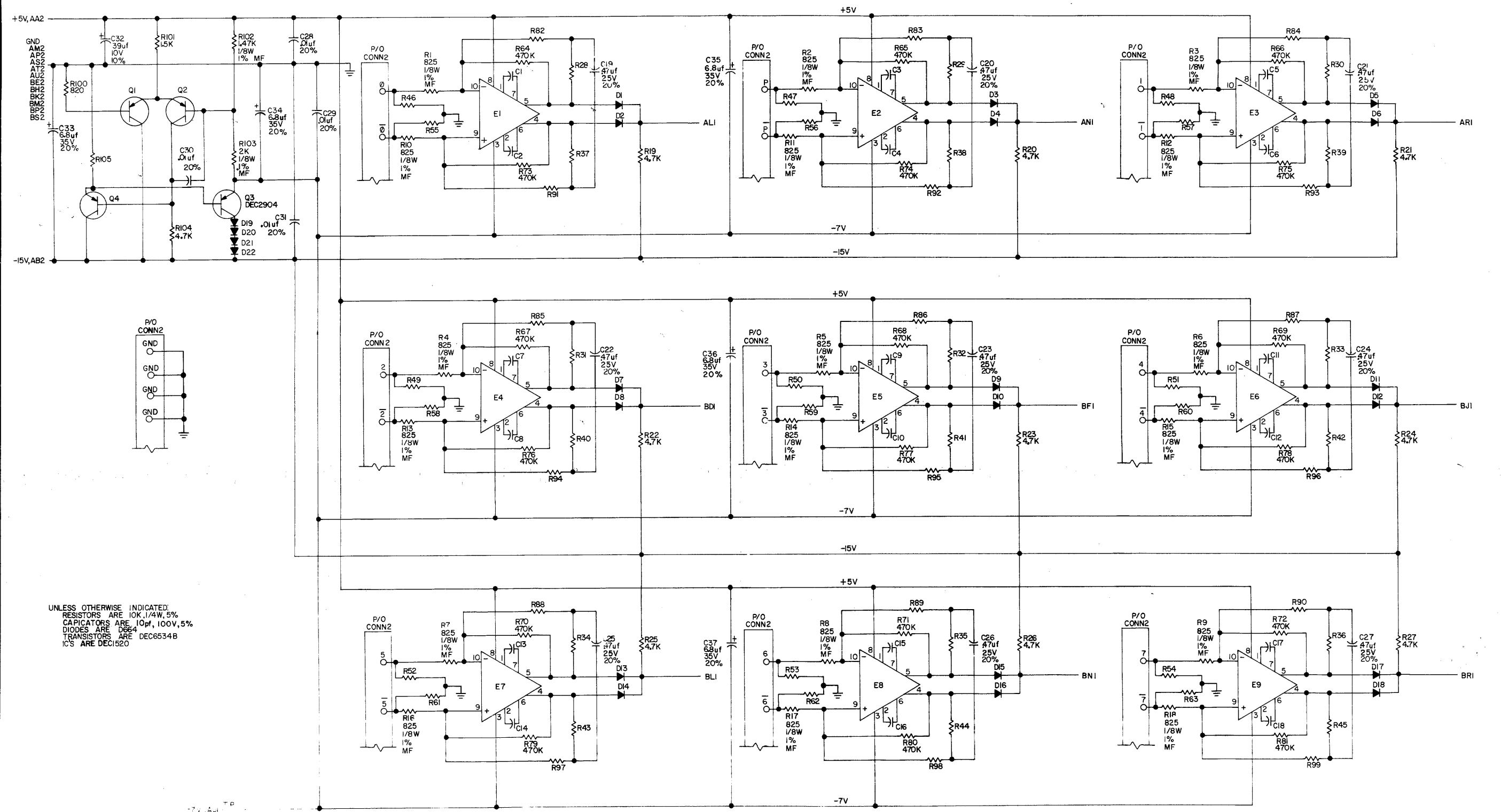
Note No. 5: Unit Cleanliness

Before final acceptance test is run, clean both TU10 reel motor brakes. Follow the procedure for cleaning and adjusting the brakes outlined in the TU10 Maintenance Manual, DEC-TU10S-D.

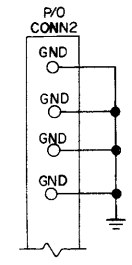
SIZE	CODE	NUMBER	REV
A	SP	TU10-0-19	B

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			LEGEND		QUANTITY VARIATION										
ACCESSORY LIST			D DOCUMENT DN DOCUMENT CHANGE NOTICE PA PAPER TAPE ASCII PB PAPER TAPE BINARY PM PAPER TAPE READ-IN-MODE		MASTER DRIVE	SLAVE DRIVE	TM11 (ALL SLAVES)	TC58 or 59 (FIRST SLAVE)	TC58 or 59 (all except first slave)	KIT CHECK	BY	DATE	INSTALLATION CHECK	BY	DATE
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	SECTION	ISSUED SECT.											
MADE BY J. Ingledue			CHECKED <i>J. Ingledue</i>												
DATE 5/31/72			DATE 6-6-72												
ENG DATE			PROD 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	0									
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			1										
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'						0	2	0					
Note: For free standing cabinets, use the following:															
	BC08N-10	I/O Cable (round coax) 10'						0	2	0					
	BC08P-10	I/O Cable (round coax) 10'						3	1	3					
TITLE DEC MAGTAPE TRANSPORT			ASSY. NO.		SIZE CODE A AL		NUMBER TU10-0-21			REV. B		ECO NO TU10-00074			
SHEET			OF		DIST.										

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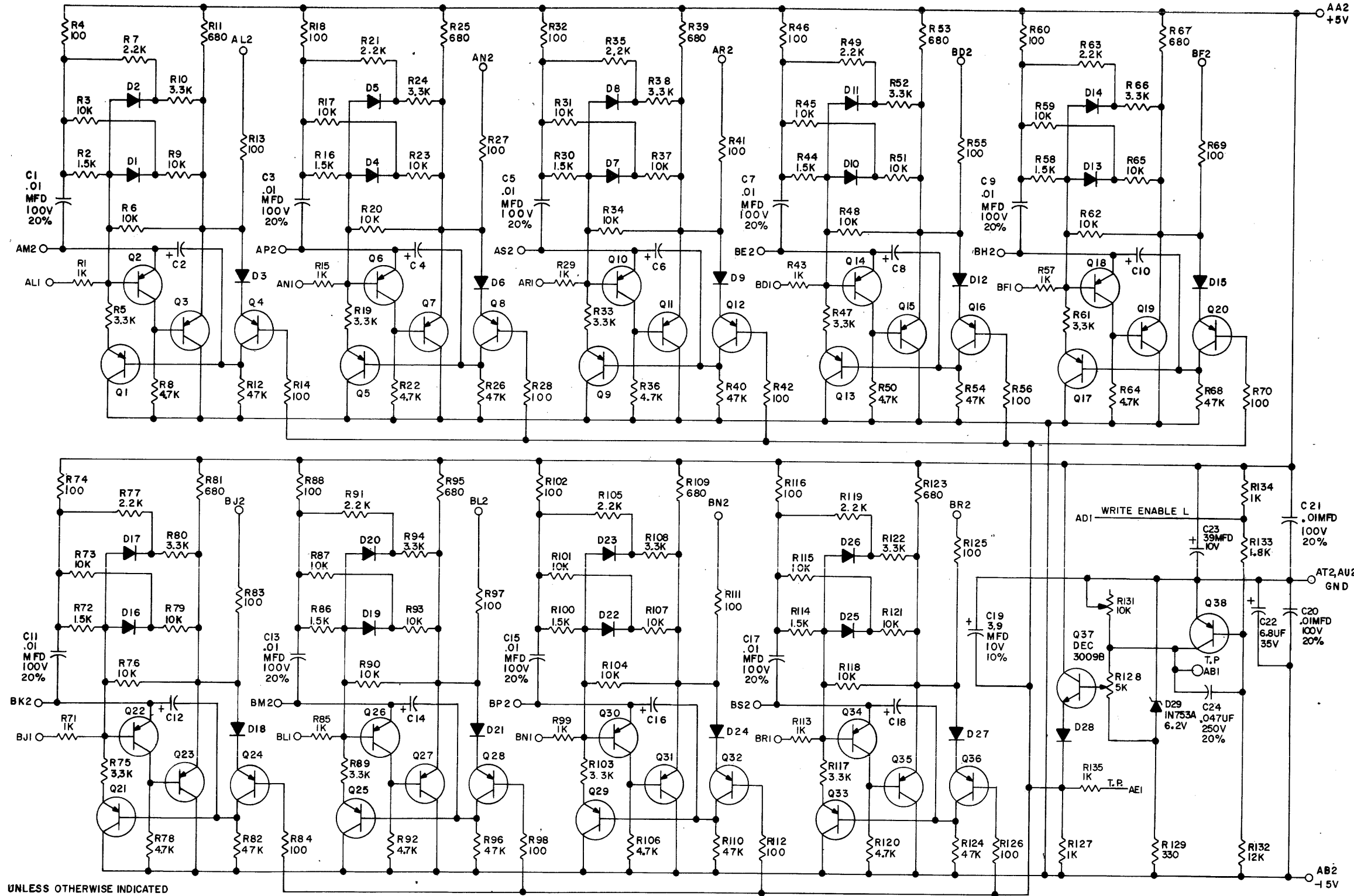


UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 10K, 1/4W, 5%
 CAPACITORS ARE 10pF, 100V, 5%
 DIODES ARE D664
 TRANSISTORS ARE DEC6534B
 IC'S ARE DEC1520



REVISIONS CHG. LOW NO. KEY	DATE	12-10-67	TRANSISTOR & DIODE CONVERSION CHART		digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE READ AMPLIFIER		
	DATE	DEC 1967	DEC	EIA		G050		
	DATE	DEC 28 1967	DEC	EIA		SIZE D	CODE CS	NUMBER G050-D-1
	DATE	DEC 28 1967	DEC	EIA		REV. C		
ENG.	DATE	DEC 28 1967	DEC 28 1967	DEC 28 1967	PRINTED CIRCUIT REV.	D		

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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: *Blum* DATE: 12-15-68
 CHK'D: *Blum* DATE: 2-1-71
 ENG: *R. Thompson* DATE: 3-11-71
 PROD. DATE:

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D664	IN3606	IN753A	SAME
D662	IN645		
IN745A	SAME		
DEC6534B	MPS 6534		
DEC3009B	2N3009		

digital EQUIPMENT CORPORATION
 MAYNARD, MASSACHUSETTS

TITLE: TU10 COMPRESSOR G060

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

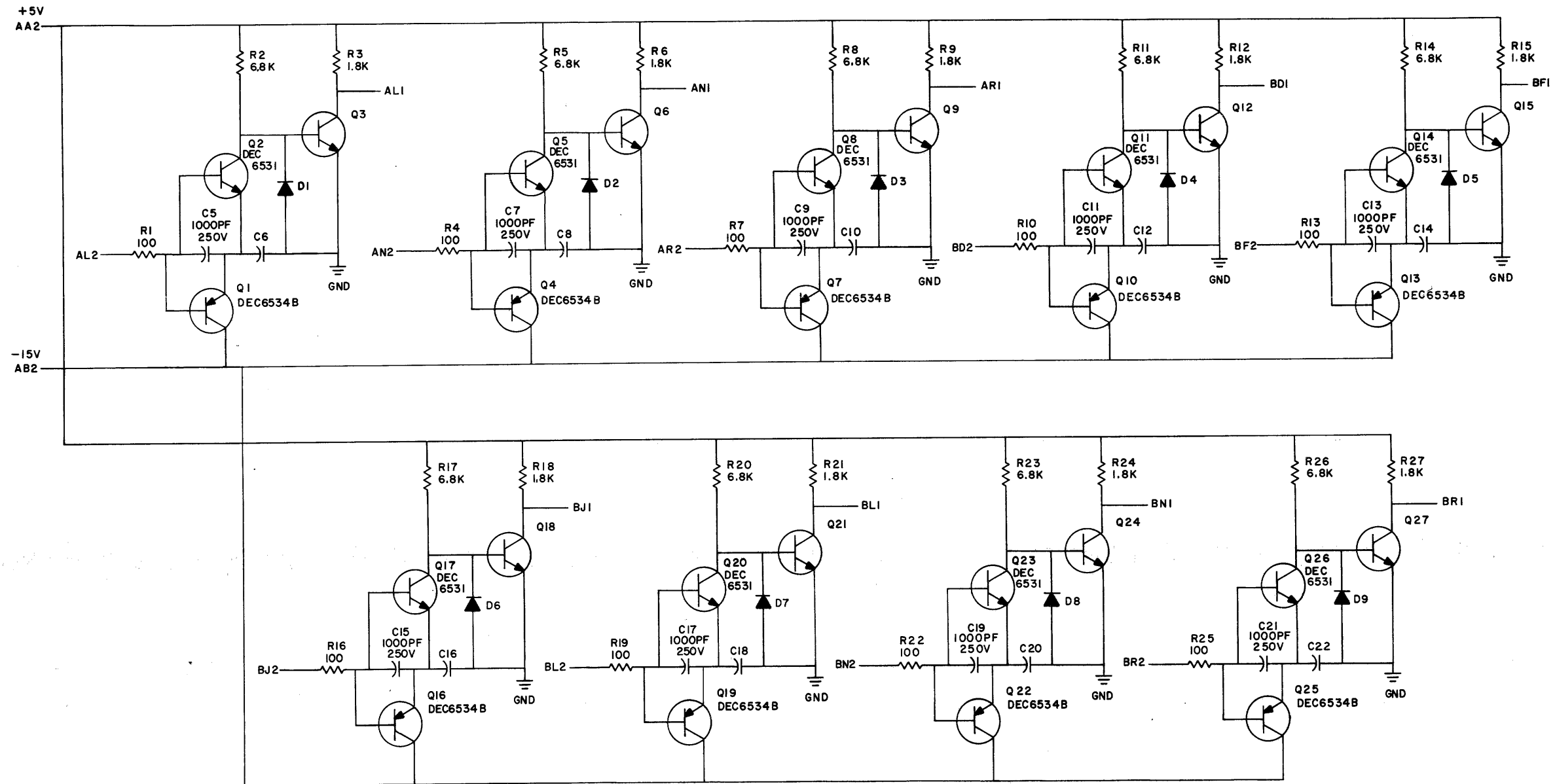
PRINTED CIRCUIT REV. **D**

DEC FORM NO. DRC 102

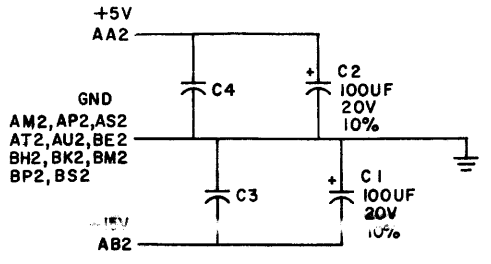
REV. C
 NUMBER G060-0-1
 SIZE CODE C CS

Pin. 324434435
 R15 22

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UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 1/4W, 5%
 CAPACITORS ARE .01UF, 100V, 20%
 TRANSISTORS ARE DEC 3009B
 DIODES ARE D664



REV.	NO.	DATE
1	00001	
2	00002	

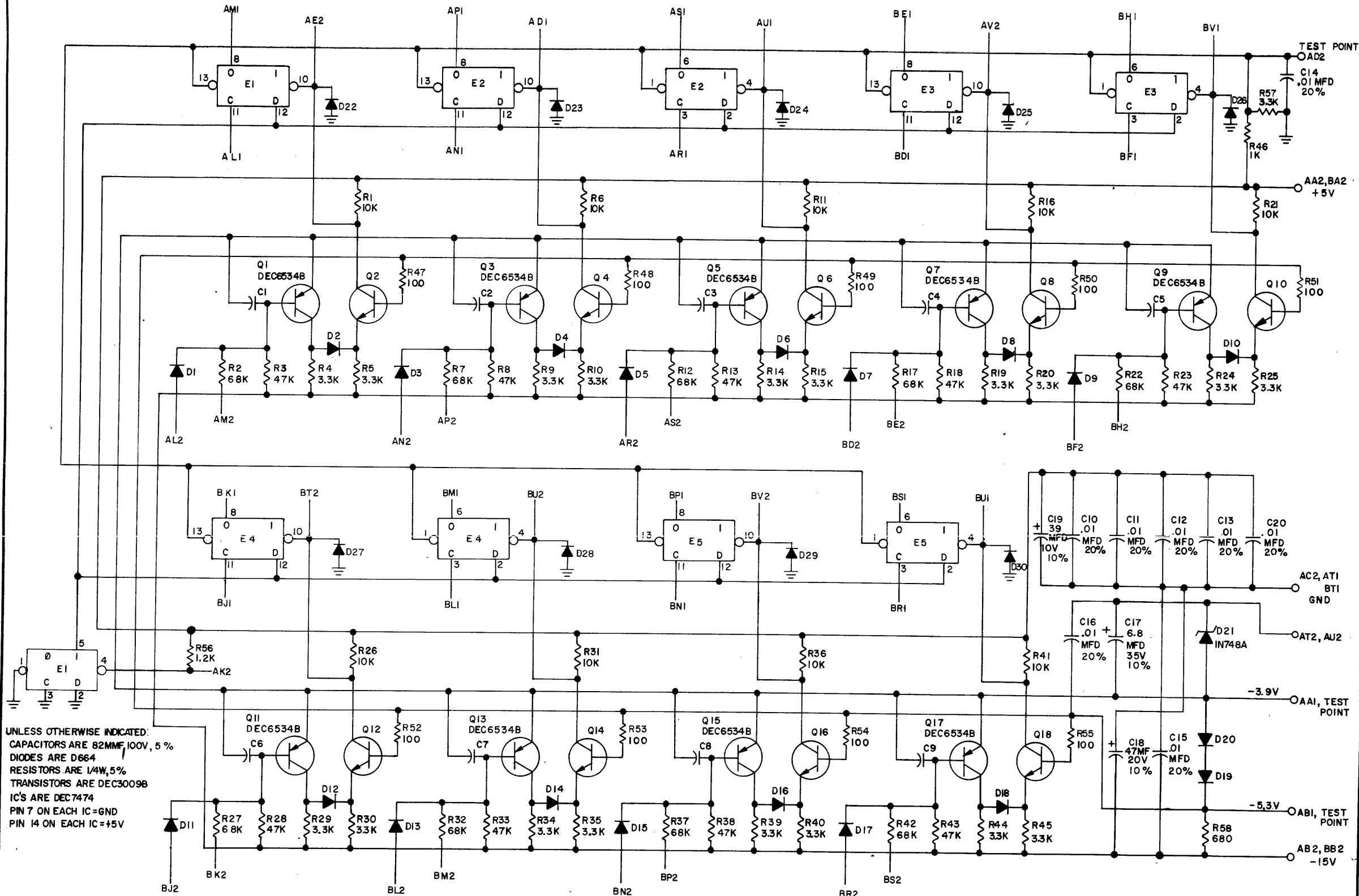
DRN	A. Cooper	DATE	11/6/70
CHK'D	M. Miller	DATE	11/11/70
ENG.	M. Morgan	DATE	
PROD.		DATE	

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	C		
PRINTED CIRCUIT REV.			D		

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

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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

REV.	CHG.	NO.	REV.	BY	DATE
00001	B				
00002	C				

DRN.	DATE	35EP69
CHK'D	DATE	3 SEP 70
ENG.	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. 0			

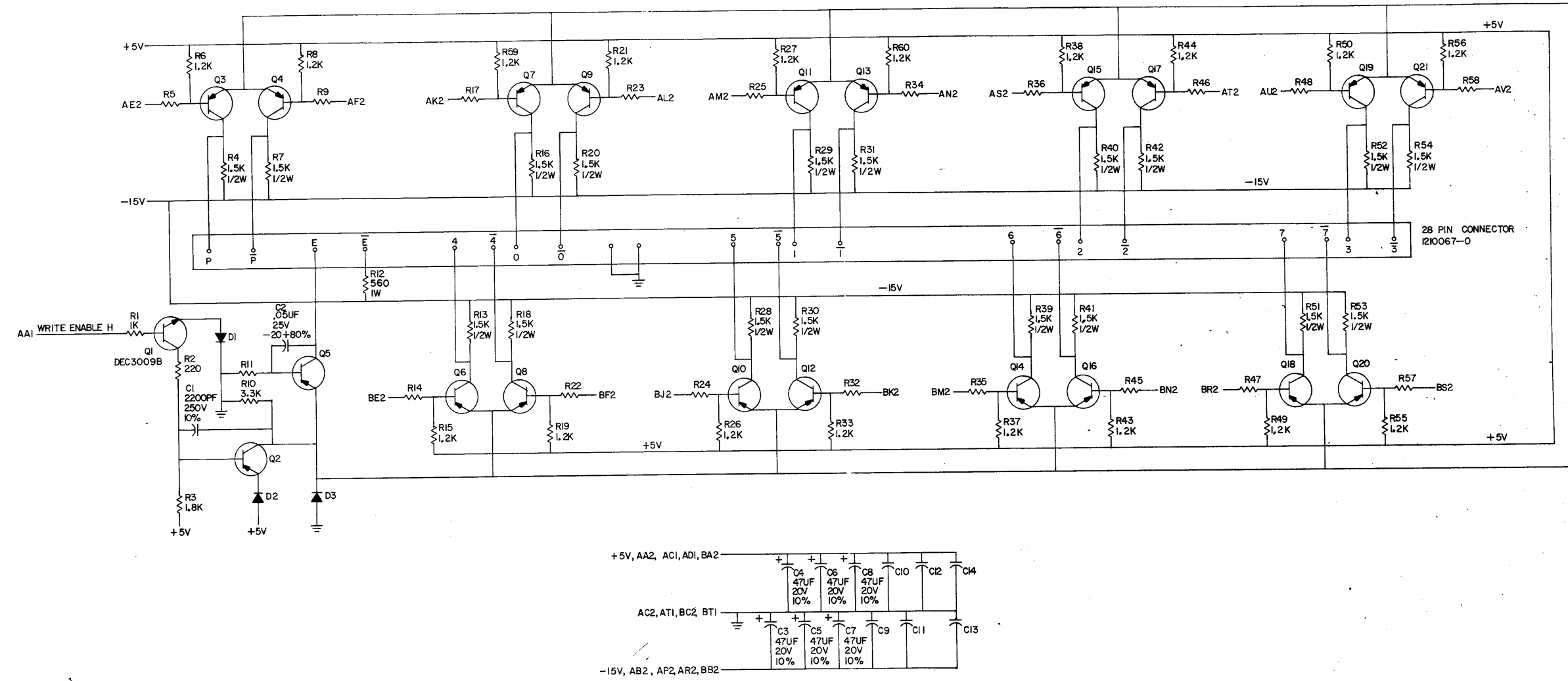
DEC FORM NO. DRC 102

DIST. 324,434,435

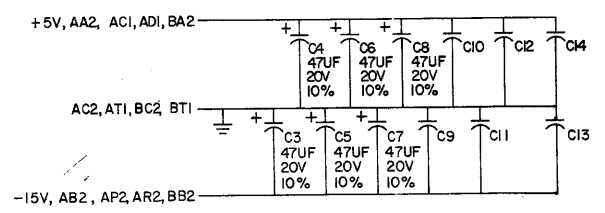
4 PINK

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

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

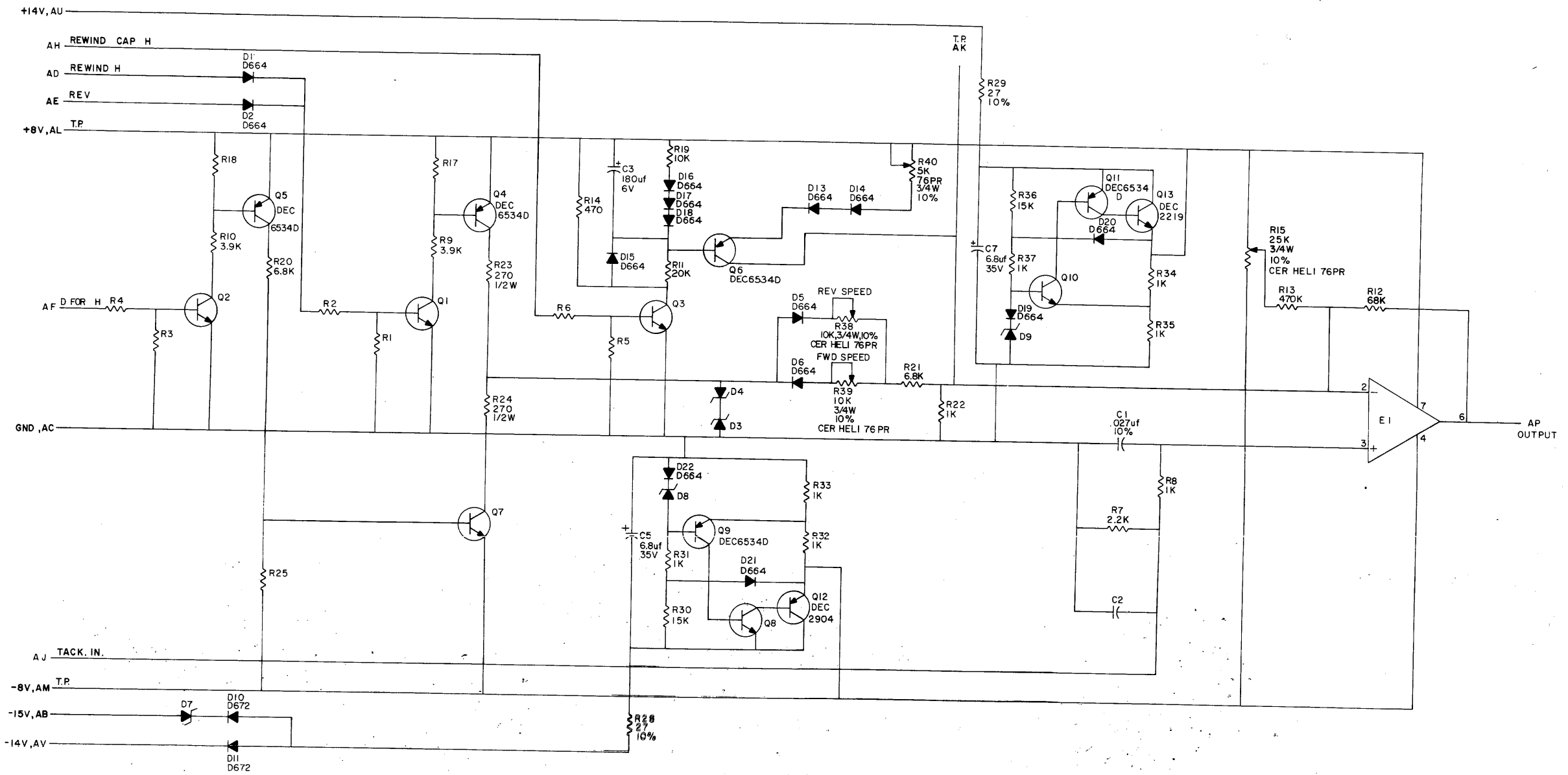


REV D
 NUMBER G350-0-1
 SIZE CODE D CS

REVISIONS CHG NO. REV. DATE 1/2 01001 D	DESIGNED BY: <i>W. Moore</i> DATE: 1/2/70 CHECKED BY: <i>W. Moore</i> DATE: 1/2/70 ENG: <i>W. Moore</i> DATE: 1/2/70 PROC: DATE:	TRANSISTOR & DIODE CONVERSION CHART DEC 664 IN3606 2N2904 SAME DEC 3009B 2N3009B			TITLE: HEAD DRIVER G350 NUMBER: G350-0-1 REV: D
	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			SIZE: D CS NUMBER: G350-0-1 REV: D	
	PRINTED CIRCUIT REV.			SIZE: D CS NUMBER: G350-0-1 REV: D	
	PRINTED CIRCUIT REV.			SIZE: D CS NUMBER: G350-0-1 REV: D	

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H
D CS 6932-0-1
3000



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W, 5%
CAPACITORS ARE .01uf, 100V, 20%
DIODES ARE IN750A
TRANSISTORS ARE DEC6531
E1 IS DEC307

REV H
NUMBER
D CS 6932A-0-1

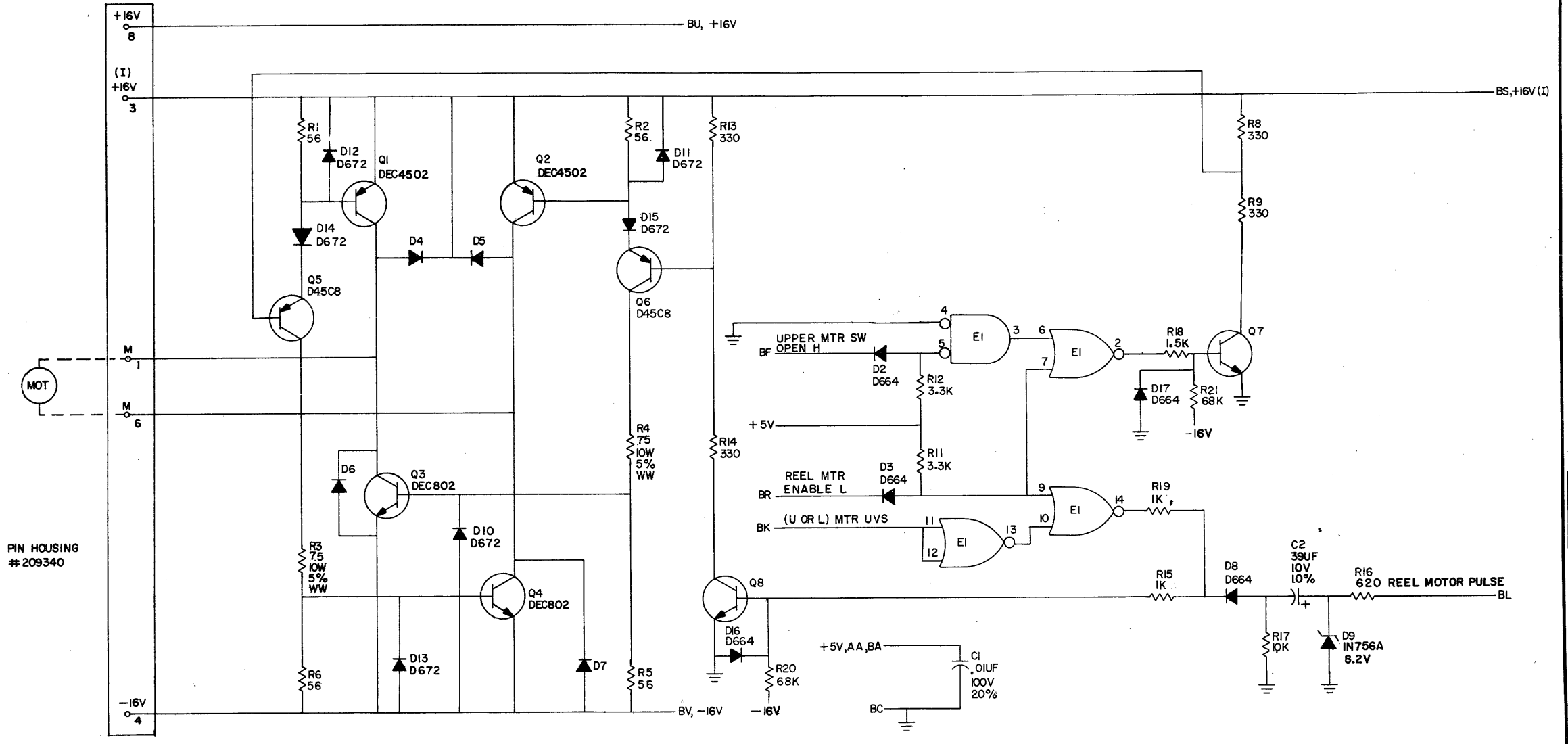
REV	DATE	BY	CHKD
1	8-20-70	S. COOPER	
2			
3			
4			
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7			
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10			

DATE	BY	CHKD
8-20-70	S. COOPER	

DATE	BY	CHKD
8-20-70	S. COOPER	

DATE	BY	CHKD
8-20-70	S. COOPER	

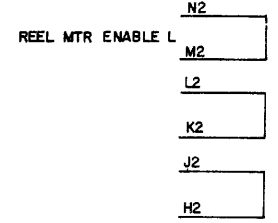
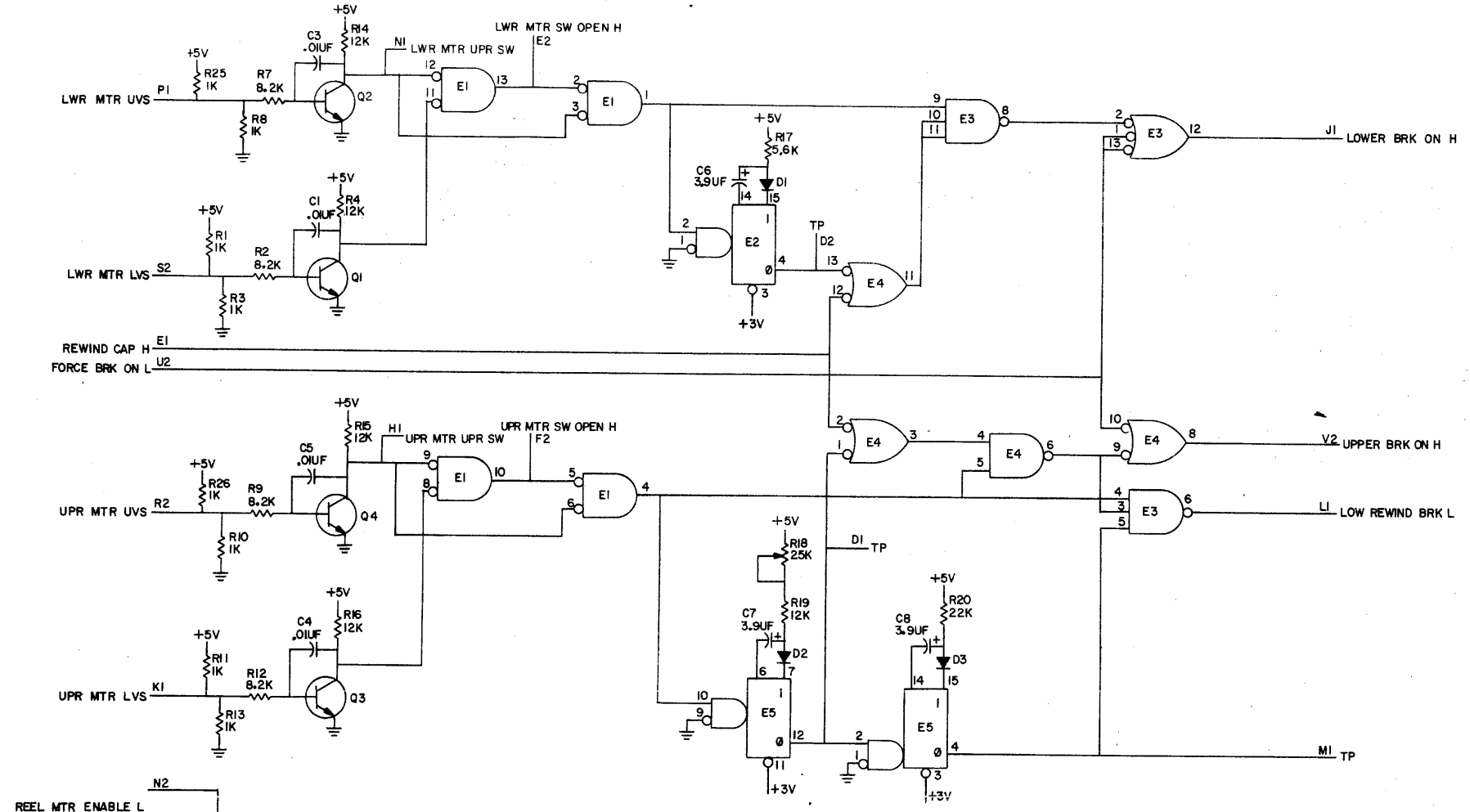
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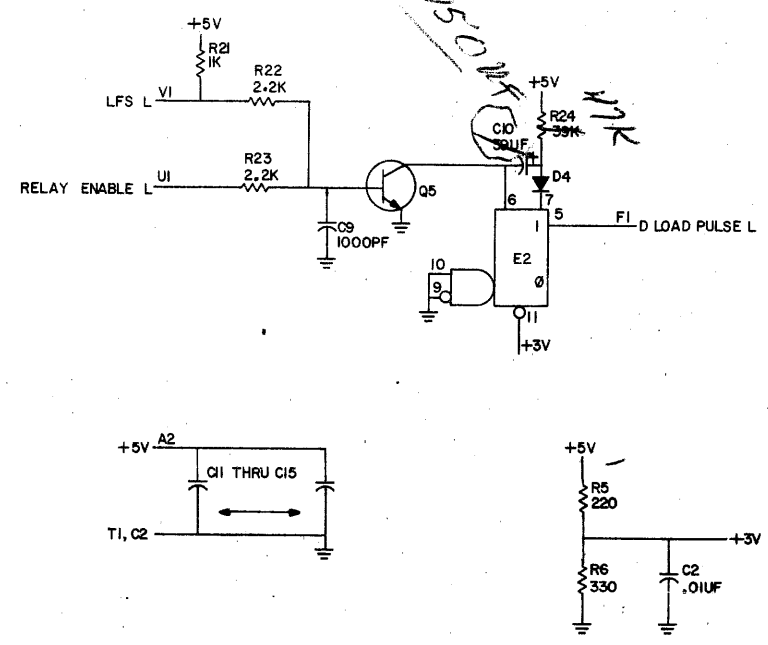
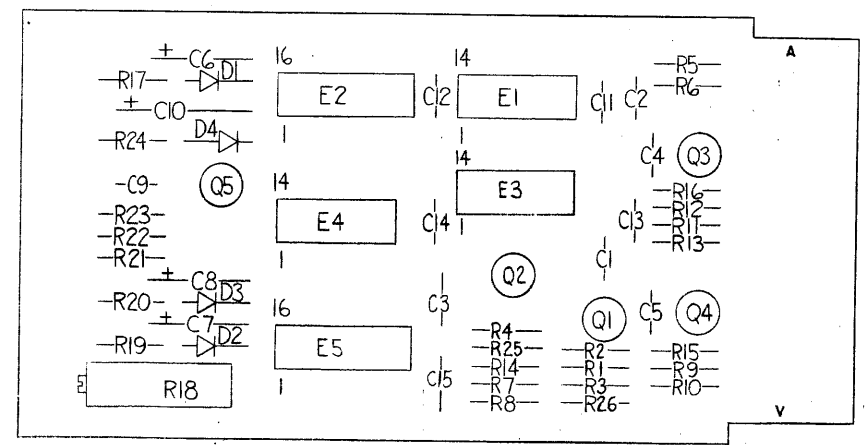
UNLESS OTHERWISE INDICATED:
 RESISTORS = 1K, 1/4W, 5%
 DIODES = GE A15B
 TRANSISTORS = DEC6531
 E1 = DEC380
 PIN 1 = GND
 PIN 8 = +5V ON E1

<table border="1"> <tr> <th>REV.</th> <th>CHK</th> <th>CHG</th> <th>INC.</th> <th>REV.</th> <th>DATE</th> </tr> <tr> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>										REV.	CHK	CHG	INC.	REV.	DATE	1						2						3						4						5						6						7						8						<table border="1"> <tr> <th>DRN.</th> <th>DATE</th> <th colspan="2">TRANSISTOR & DIODE CONVERSION CHART</th> </tr> <tr> <td>Nancy Moore</td> <td>11/15/70</td> <td>DEC</td> <td>EIA</td> </tr> <tr> <td>CHK'D</td> <td>DATE</td> <td>DEC</td> <td>EIA</td> </tr> <tr> <td>M. Walker</td> <td>11/15/70</td> <td>D664</td> <td>IN3606</td> </tr> <tr> <td>ENG.</td> <td>DATE</td> <td>IN756A</td> <td>SAME</td> </tr> <tr> <td>John P. H.</td> <td>11/12/70</td> <td>A15B</td> <td>DEC3790</td> </tr> <tr> <td>PROD.</td> <td>DATE</td> <td>DEC6531</td> <td>DEC3715</td> </tr> <tr> <td></td> <td></td> <td>DEC4502</td> <td>2N3715</td> </tr> <tr> <td></td> <td></td> <td>DEC802</td> <td>DEC4502</td> </tr> <tr> <td></td> <td></td> <td></td> <td>D672</td> </tr> <tr> <td></td> <td></td> <td></td> <td>IN3653</td> </tr> </table>				DRN.	DATE	TRANSISTOR & DIODE CONVERSION CHART		Nancy Moore	11/15/70	DEC	EIA	CHK'D	DATE	DEC	EIA	M. Walker	11/15/70	D664	IN3606	ENG.	DATE	IN756A	SAME	John P. H.	11/12/70	A15B	DEC3790	PROD.	DATE	DEC6531	DEC3715			DEC4502	2N3715			DEC802	DEC4502				D672				IN3653	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		TITLE REEL MOTOR AMPLIFIER G933 SIZE CODE C CS NUMBER G933-0-1 PRINTED CIRCUIT REV. E		REV. K NUMBER G933-0-1 SIZE CODE C CS
REV.	CHK	CHG	INC.	REV.	DATE																																																																																																															
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PIN 7 = GND ON E1, E3, E4
PIN 14 = +5V
PIN 8 = GND ON E2, E5
PIN 16 = +5V



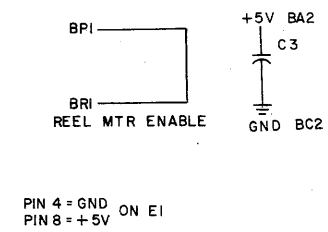
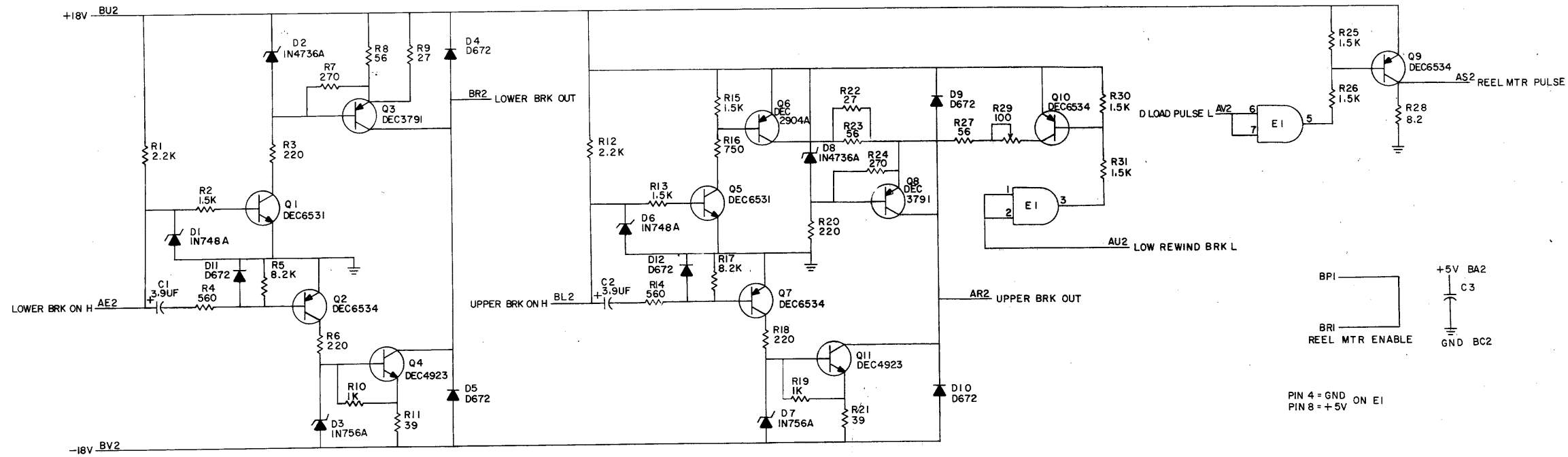
QTY.	REF DESIGN	DESCRIPTION	MANUFACTURER	REV
1		HANDLE, FLIP CHIP - GREEN	9006337-01	01
2		EYELET #04x-7	9906732	01
1	R17	RES. 5.6K 1/4W 5%	1301874	01
A/R		GRIPLET	1218244-0	01
2	R2, 5	T.C. DEC 74123	1910476	01
1	E1	I.C. DEC 7402	1909004	01
1	E3	I.C. DEC 7410	1905576	01
1	E4	I.C. DEC 7400	1905575	01
4	Q1, 2, 3, 4	TRANSISTOR DEC 6531	1509338	01
1	Q5	TRANSISTOR DEC 3009B	1503100	01
1	R18	RES. 25K POT HELI TRIM 76PR 3/4W 10%	1309143-12	01
4	R2, 7, 9, 12	RES. 8.2K 1/4W 5%	1303179	01
1	R24	RES. 39K 1/4W 5%	1302514	01
1	R20	RES. 22K 1/4W 5%	1301808	01
5	R4, 14, 15, 16, 19	RES. 12K 1/4W 5%	1300488	01
2	R22, 23	RES. 2.2K 1/4W 5%	1300417	01
9	R1, 3, 6, 10, 11, 13, 21, 25, 26	RES. 1K 1/4W 5%	1300365	01
1	R6	RES. 33K 1/4W 5%	1300295	01
1	R5	RES. 220 1/4W 5%	1300271	01
4	D1 - D4	DIODE D664	1100114	01
10	C1 - C5, C11 - C15	CAF. .01UF 100V 20% DISC	1001610	01
1	C9	CAF. .49UF 10V 10% TAN	1000076	01
3	C2, 7, 8	CAF. 3.0UF 10V 10% TAN	1000064	01
1	C8	CAF. 10UF 100V 5% MICA	1000042	01
1		ETCHED SILVER BOARD	5000548	01
		PCB FAB. HISTORY	99340-0-6	01
		ASSY/DRILLING HOLE LAYOUT	99340-0-5	01
		X-Y COORDINATE HOLE LOCAT	99340-0-4	01
		DESCRIPTION	99340-0-3	01
		PARTS LIST	99340-0-1	01

REV	DATE	BY	CHKD
1	10/02/71	A	
2	10/02/71	B	

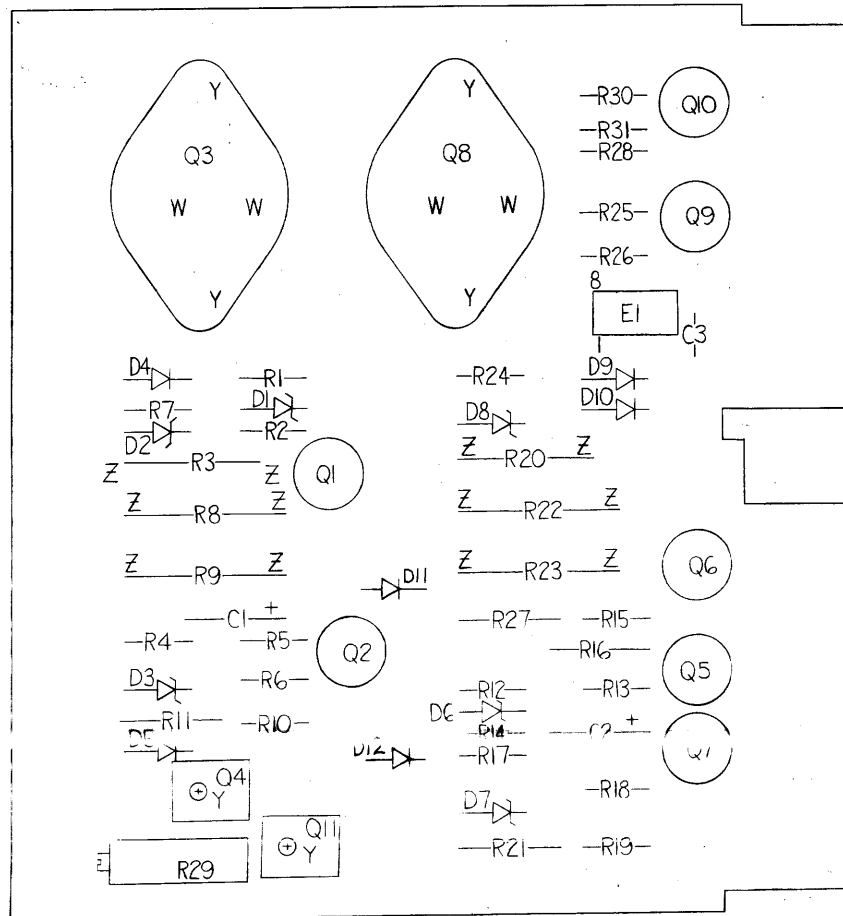
DATE	DATE	DATE	DATE
4-27-71	12-27-71	1-27-72	1-27-72

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
TITLE: BRAKE ACTUATOR
SIZE: D CS NUMBER: 99340-0-1 REV: B

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



QTY.	REF DESIGNATION	DESCRIPTION	DEC PART NO.	REV.
2	R10, R19	RES. 1K 1/4W 5%	1300365	35
2		HANDLE, FLIP CHIP - GREEN	9008337-01	34
4		EYELET	9006732	33
6		#4 KEP NUT	9006557	32
6		SCREW #4 x 5/16LG	9006010-1	31
1	E1	I.C. DEC 75451	1910406	30
2	Q4, 11	TRANSISTOR 2N4923	1809604	29
2	Q3, 8	TRANSISTOR 2N3791	1509581	28
2	Q1, 5	TRANSISTOR DEC 6531	1509338	27
4	Q2, 9, 10, 7	TRANSISTOR DEC 6534D	1503409	26
1	Q6	TRANSISTOR 2N2904A	1501913	25
1	R29	POT 100 3/4W 10% 76FR	1309143-04	24
2	R9, 22	RES. 27 2W 10%	1305624	23
3	R5, 17, 28	RES. 8.2K 1/4W 5%	1302856	22
2	R23, 8	RES. 56 2W 5%	1302836	21
2	R11, 21	RES. 39 1/4W 5%	1302336	20
2	R7, 24	RES. 270 1/4W 5%	1301972	19
2	R14, 4	RES. 560 1/4W 5%	1301890	18
2	R1, R12	RES. 2.2K 1/4W 5%	1300417	17
7	R2, 13, 15, 25, 26, 30, 31	RES. 1.5K 1/4W 5%	1300391	16
1	R16	RES. 750 1/4W 5%	1300354	15
2	R3, 20	RES. 220 1W 10%	1300277	14
2	R18, 6	RES. 220 1/4W 5%	1300271	13
1	R27	RES. 56 1/4W 10%	1300215	12
6	D4, 5, 9, 10, 11, 12	DIODE D672	1105275	11
2	D1, 6	DIODE 1N748A	1100122	10
2	D3, 7	DIODE 1N756A	1103441	9
2	D2, 8	DIODE 1N4736A	1103340	8
1	C3	CAP. .01UF 100V 20% DISC	1001610	7
1	C1, 2	CAP. 3.9UF 10V 10% S. TANT	1000064	6
1		ETCHED CIRCUIT BOARD	5009549	5
1		MODULE ASSEMBLY	B-NR-69341-0-6	4
		ADD/ORDERS SEE LIST		3
		X-Y COORDINATE HOLE LOCATION	K-CC-69341-0-4	2
		DESCRIPTION	DEC PART NO.	1

REV	DATE	BY	CHKD	DATE	BY
00001					

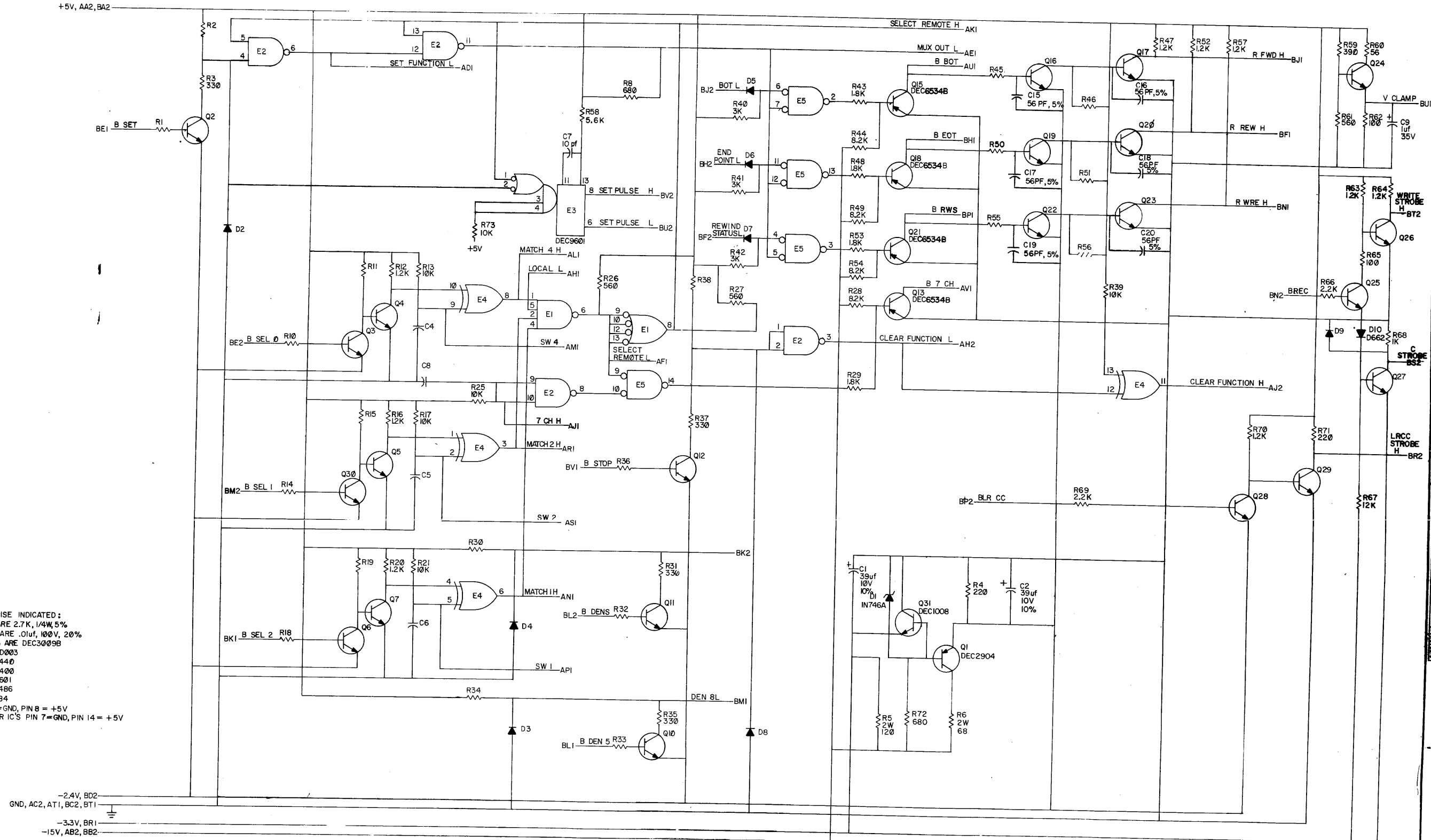
DATE	BY	CHKD	DATE	BY
12-21-71	S. Cooper			
7-24-71	J. H.			

DEC	EIA	DEC	EIA
DEC6531	1N3655	DEC6534	MPS6534
IN748A		DEC3791	
IN756A		DEC2904	
IN4736A			

digital EQUIPMENT CORPORATION
 TU-10 BRAKE ACTUATOR
 SIZE CODE D CS
 NUMBER 69341-0-1
 REV. A
 PRINTED CIRCUIT REV. B

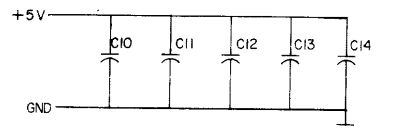
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CS D Q
M514-0-1
REV 1



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



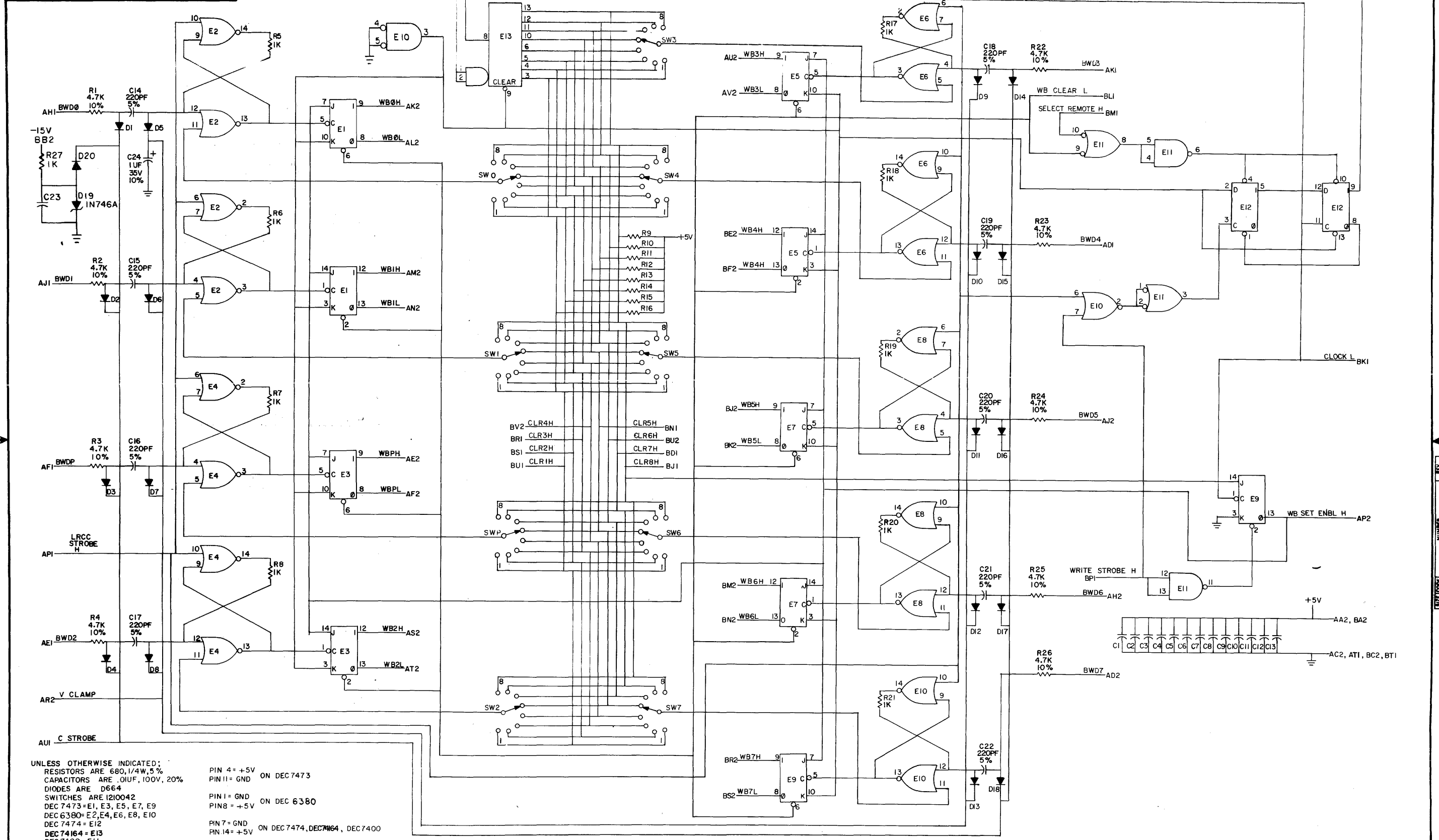
REV	NO	DATE	BY	CHK
1	00001	8/11/70	JF	
2	00002	12/22/70	JF	
3	00003		JF	
4	00004		JF	
5	00005		JF	

TRANSISTOR	NO	DATE	BY	CHK
DEC2904	2N1132			
DEC6534B	MP86534			
DEC3009B	2N3099			
0003	IN394			
IN746A	SAME			

GEN	DATE	DEC	EIA	DEC	EIA
jeanne french	8/11/70				
DATE	DEC	EIA	DEC	EIA	
DATE	DEC	EIA	DEC	EIA	
DATE	DEC	EIA	DEC	EIA	
DATE	DEC	EIA	DEC	EIA	

digital EQUIPMENT CORPORATION
 TITLE: BUS TRANSCEIVER M514
 SIZE: D CS M514-0-1
 NUMBER: 1
 REV: K
 PRINTED CIRCUIT REV: 1

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UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 680, 1/4W, 5%
 CAPACITORS ARE .01UF, 100V, 20%
 DIODES ARE D664
 SWITCHES ARE I210042
 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

REV	DATE	BY	CHKD
1	8/31/70	J. HESS	J. HESS
2	11/19/70	J. HESS	J. HESS

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D664	1N3608		

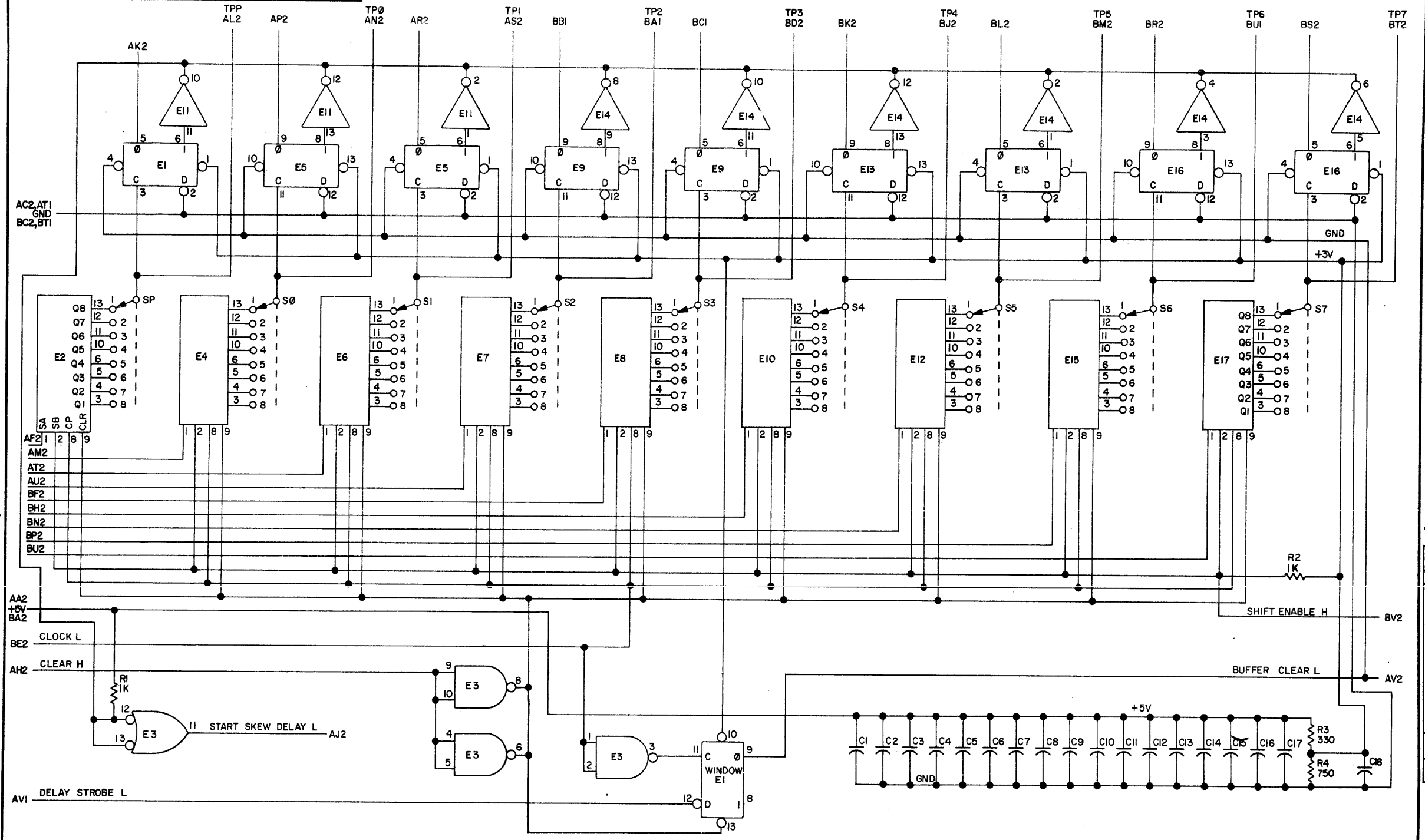
digital EQUIPMENT CORPORATION
 MAYNARD, MASSACHUSETTS

TITLE: **WRITE BUFFER M763**

SIZE: D CS NUMBER: M763-0-1 REV: E

PRINTED CIRCUIT REV: D

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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 I210042-0

REV.	CHG NO.	REV.
1	0000	A

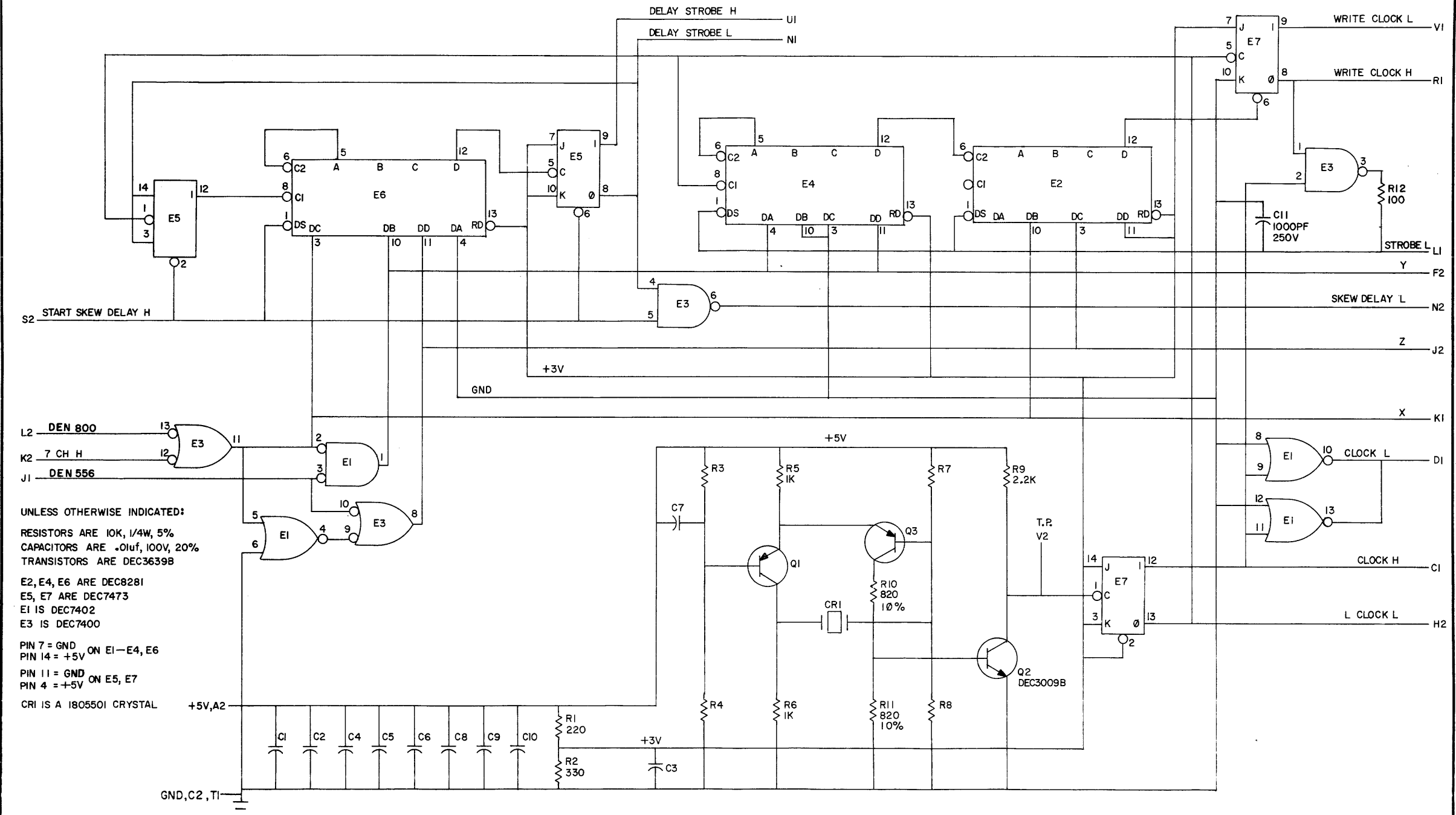
DRN <i>B. H. H.</i>	DATE 12-3-69
CHK'D <i>C. H. W.</i>	DATE 8/8/70
ENG. <i>R. M. T.</i>	DATE 1/15-70
PROD.	DATE

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA

digital
 EQUIPMENT CORPORATION
 MAYNARD, MASSACHUSETTS

TITLE READ BUFFER M765			
SIZE C	CODE CS	NUMBER M765-O-1	REV. A
PRINTED CIRCUIT REV.			A B

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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 ON E1-E4, E6
 PIN 14 = +5V ON E1-E4, E6
 PIN 11 = GND ON E5, E7
 PIN 4 = +5V ON E5, E7
 CR1 IS A 1805501 CRYSTAL

REV.	CHG. NO.	REV.
A	00001	
B	00002	
C	00003	

DRN. NANNY MOORE DATE 7/23/70
 CHK'D. R. Walden DATE 7-27-70
 ENG. A. McFarland DATE 7-25-70
 PROD. DATE

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC3009B	2N3009B		
DEC3639B	2N3639B		

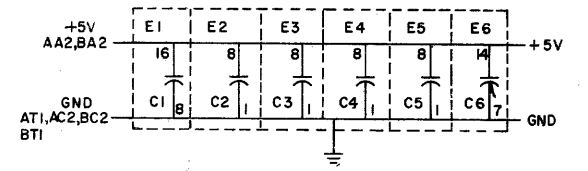
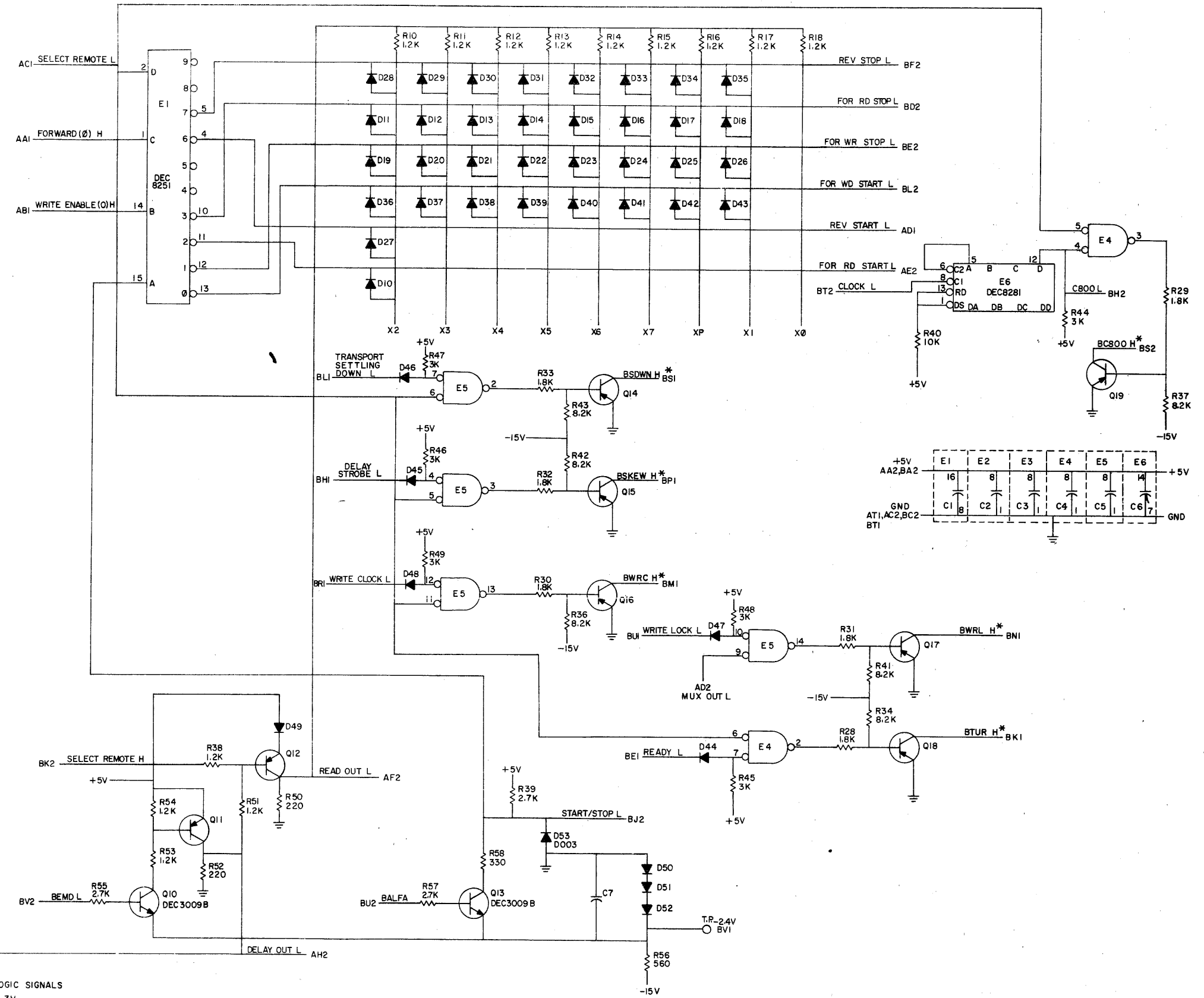
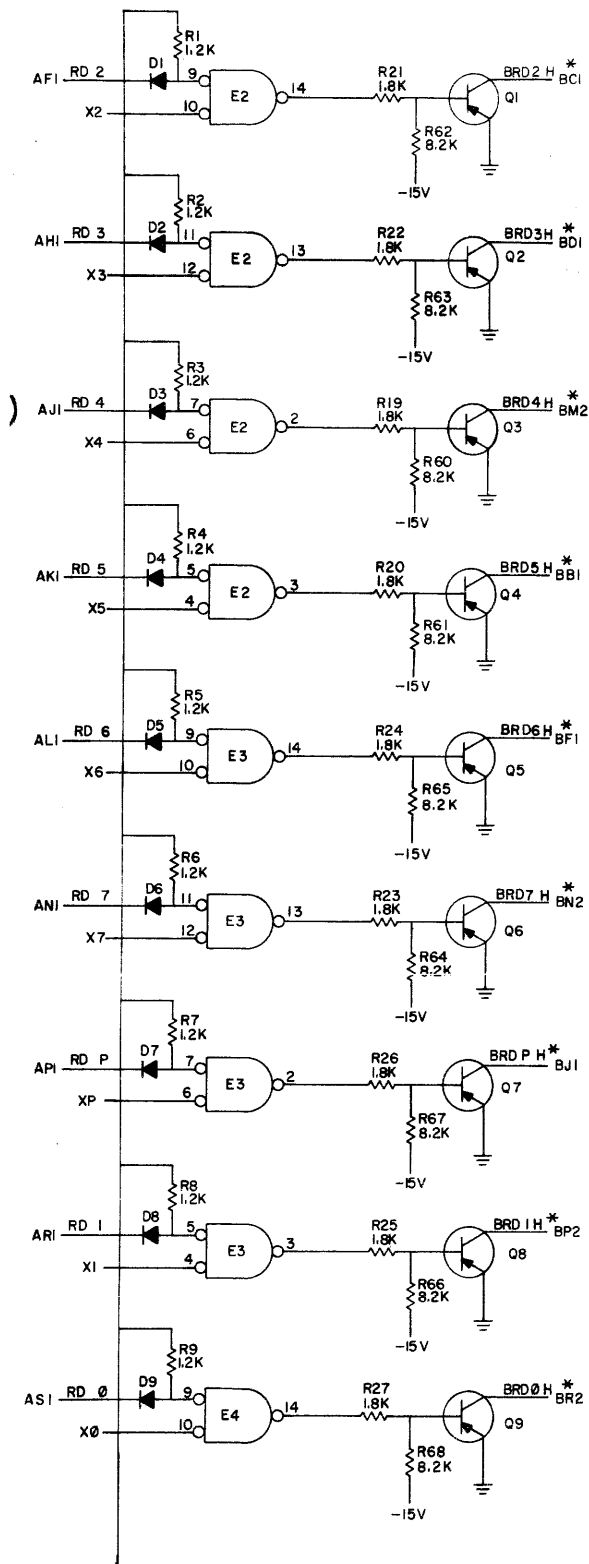
digital EQUIPMENT CORPORATION
 MAYNARD, MASSACHUSETTS

TITLE: CLOCK AND SKEW DELAY M767

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

PRINTED CIRCUIT REV. AC

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UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 1/4W, 5%
 TRANSISTORS ARE DEC6534B
 DIODES ARE D664
 CAPACITORS ARE .01UF, 100V, 20%
 IC'S ARE SP 384

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

REVISIONS

REV	DATE	DESCRIPTION
1	12/2/72	INITIAL DESIGN
2	1/11/73	REVISED FOR MANUFACTURING
3	3/15/72	REVISED FOR MANUFACTURING

TRANSISTOR & DIODE CONVERSION CHART

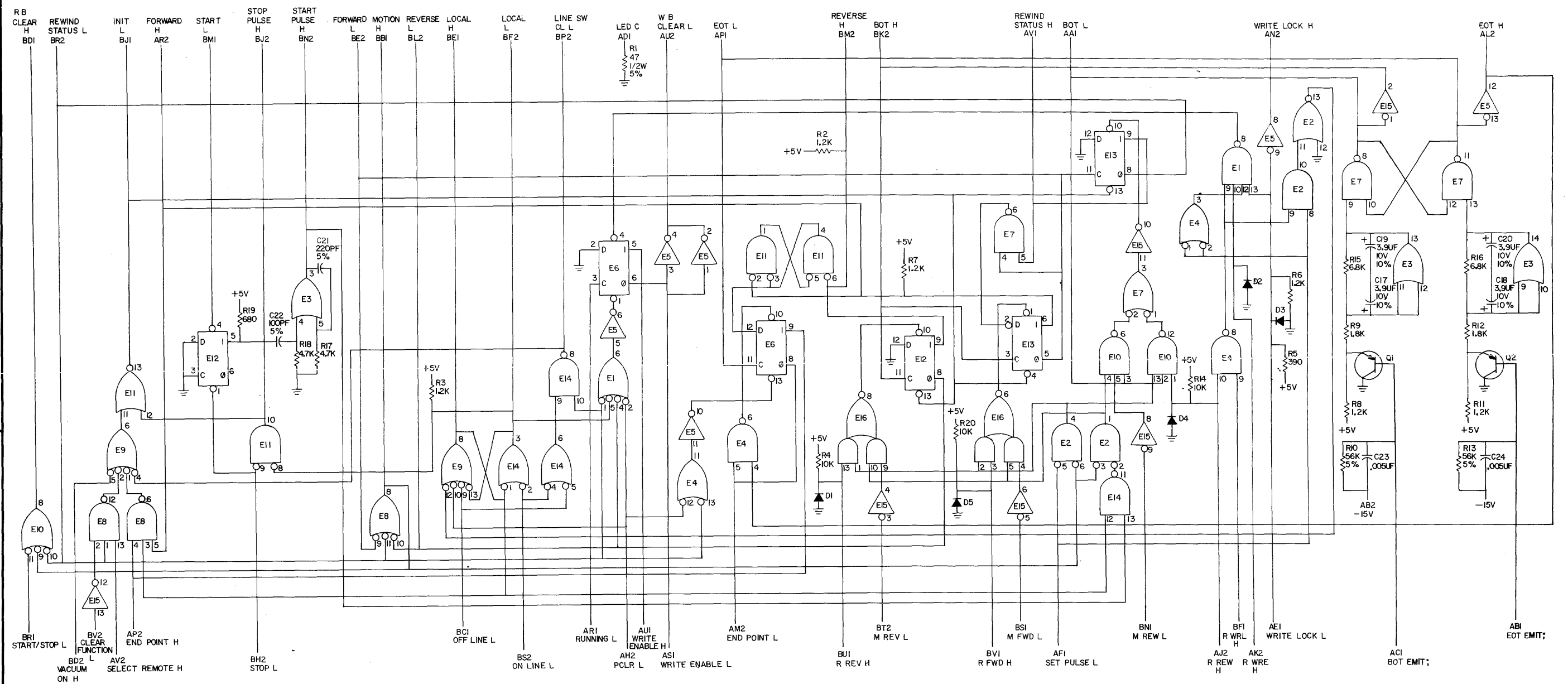
DEC	EIA	DEC	EIA
D664	1N3606	DEC339B	NONE
D605	1N994	DEC3009B	2N3009B
DEC6534B	MP3624		

TITLE: DELAY TRANSMITTER M768

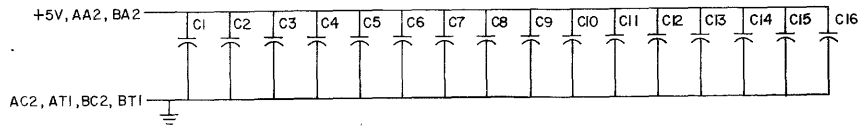
SIZE	CODE	NUMBER	REV
D	CS	M768-0-1	F

PRINTED CIRCUIT REV. E

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UNLESS OTHERWISE INDICATED:
 RESISTORS = 1/4W, 10%
 CAPACITORS = .01UF, 100V, 20%
 DIODES = D003
 TRANSISTORS = DEC3639B
 DEC 7474 = E6, E12, E13
 DEC 7400 = E4, E7, E14
 DEC 7410 = E8, E10
 DEC 7420 = E1, E9
 DEC 7450 = E16
 DEC 7402 = E2, E11
 DEC 384 = E3
 DEC 7404 = E5, E15
 PIN 7 = GND ON ALL IC'S
 PIN 14 = +5V ON ALL IC'S
 PIN 1 = GND ON E3
 PIN 8 = +5V

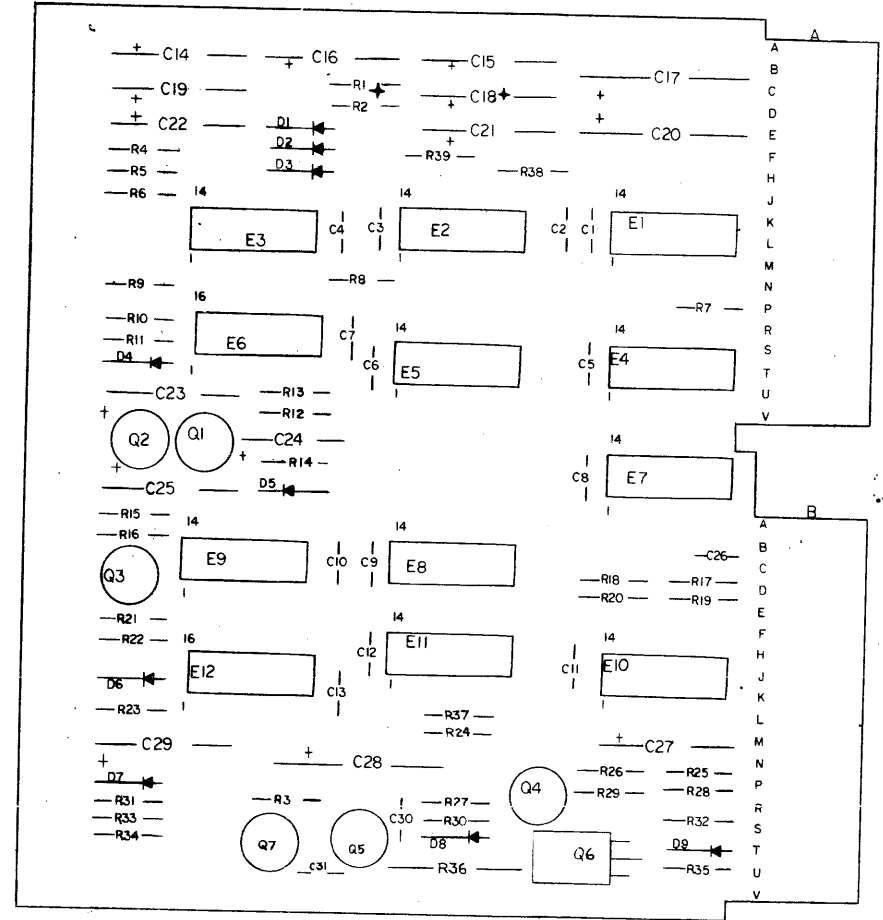


REV	DATE	BY	CHKD
1	1/14/71	W. H. M.	
2	1/15/71	W. H. M.	

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D003	IN994		
DEC3639B	NONE		
DATE	DATE	DATE	DATE
1/15/71	1/15/71		

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		TITLE FUNCTION CONTROL M769
SIZE D CS	NUMBER M769-0-1	REV. H
PRINTED CIRCUIT REV.		

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QTY.	REF DESIGNATION	DESCRIPTION	DEC PART NO.
1	R1	RES. 10K 1/4W 5%	1300254
1	R2	RES. 100K 1/4W 5%	1300254
1	R3	RES. 10K 1/4W 5%	1300254
1	R4	RES. 10K 1/4W 5%	1300254
1	R5	RES. 22K 1/4W 5%	1300254
1	R6	RES. 30K 1/4W 5%	1300254
1	R7	RES. 30K 1/4W 5%	1300254
1	R8	RES. 30K 1/4W 5%	1300254
1	R9	RES. 30K 1/4W 5%	1300254
1	R10	RES. 30K 1/4W 5%	1300254
1	R11	RES. 30K 1/4W 5%	1300254
1	R12	RES. 30K 1/4W 5%	1300254
1	R13	RES. 30K 1/4W 5%	1300254
1	R14	RES. 30K 1/4W 5%	1300254
1	R15	RES. 30K 1/4W 5%	1300254
1	R16	RES. 30K 1/4W 5%	1300254
1	R17	RES. 30K 1/4W 5%	1300254
1	R18	RES. 30K 1/4W 5%	1300254
1	R19	RES. 30K 1/4W 5%	1300254
1	R20	RES. 30K 1/4W 5%	1300254
1	R21	RES. 30K 1/4W 5%	1300254
1	R22	RES. 30K 1/4W 5%	1300254
1	R23	RES. 30K 1/4W 5%	1300254
1	R24	RES. 30K 1/4W 5%	1300254
1	R25	RES. 30K 1/4W 5%	1300254
1	R26	RES. 30K 1/4W 5%	1300254
1	R27	RES. 30K 1/4W 5%	1300254
1	R28	RES. 30K 1/4W 5%	1300254
1	R29	RES. 30K 1/4W 5%	1300254
1	R30	RES. 30K 1/4W 5%	1300254
1	R31	RES. 30K 1/4W 5%	1300254
1	R32	RES. 30K 1/4W 5%	1300254
1	R33	RES. 30K 1/4W 5%	1300254
1	R34	RES. 30K 1/4W 5%	1300254
1	R35	RES. 30K 1/4W 5%	1300254
1	R36	RES. 30K 1/4W 5%	1300254
1	C1	CAP. 100UF 20V 10% TANT	1004815
1	C2	CAP. 47UF 20V 10% TANT	1004814
1	C3	CAP. .05UF 25V -20% 480K DISC	1001774
15	C4 thru C31	CAP. .01UF 100V 20% DISC	1001610
1	C32	CAP. 39UF 10V 10% TANT	1000076
1	C33	CAP. 3.9UF 10V 10% TANT	1000064
1	Q1	TRANSISTOR DEC 6808	1300128
1	Q2	TRANSISTOR DEC 6808	1300128
1	Q3	TRANSISTOR DEC 6808	1300128
1	Q4	TRANSISTOR DEC 6808	1300128
1	Q5	TRANSISTOR DEC 6808	1300128
1	Q6	TRANSISTOR DEC 6808	1300128
1	D1 thru D8	DIODE D664	1100114
1	D9	DIODE 1N4001	1102942
1	E1	ETCHED CIRCUIT BOARD	500 9129
1	E2	MODULE ECO HISTORY	B-M890-0-6
1	E3	ASSY/DRILLING HOLE LAYOUT	D-AH-890-0-5
1	E4	X-Y COORDINATE HOLE LOCATION	X-CO-890-0-4
1	E5	DESCRIPTION	DEC PART NO.
1	E6	PARTS LIST	

REV	CHG	NO	REV
1	00003	H	
2	00004	J	

DRN
POWER DOCKETTE
DATE 5/13/71
CHWD
DATE 5/13/71
DATE 5/13/71
DATE 5/13/71

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA

SHEET 1 OF 2

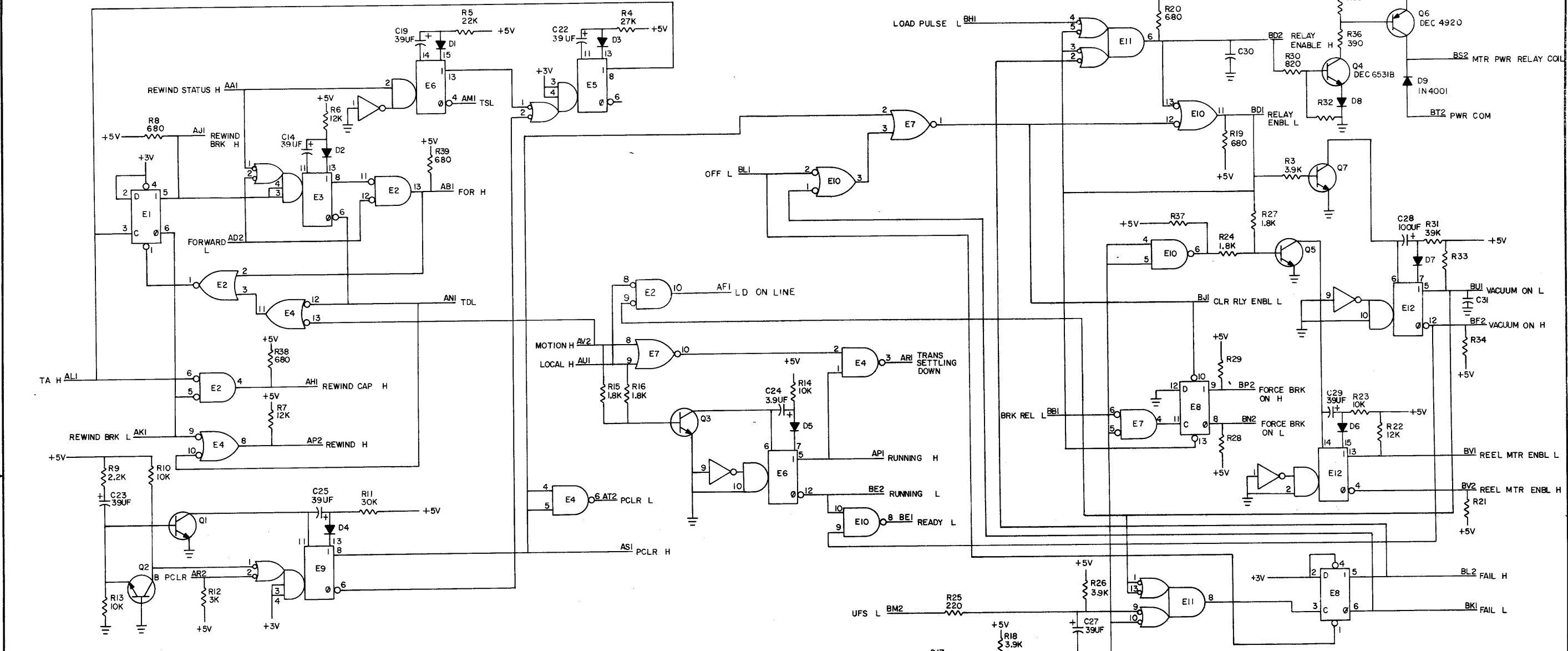
digital MOTION CONTROL

EQUIPMENT CORPORATION

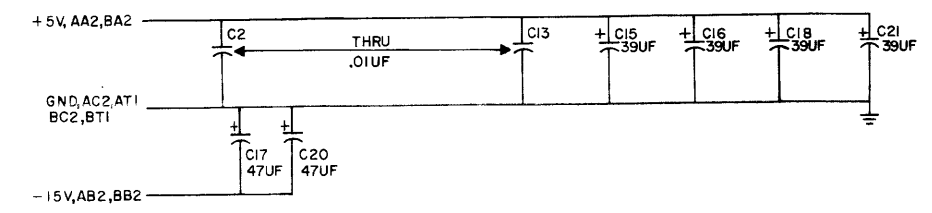
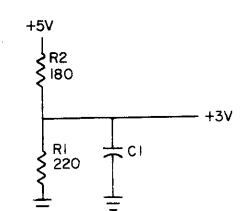
SIZE CODE NUMBER
D CS M890-0-1 REV J

PRINTED CIRCUIT REV

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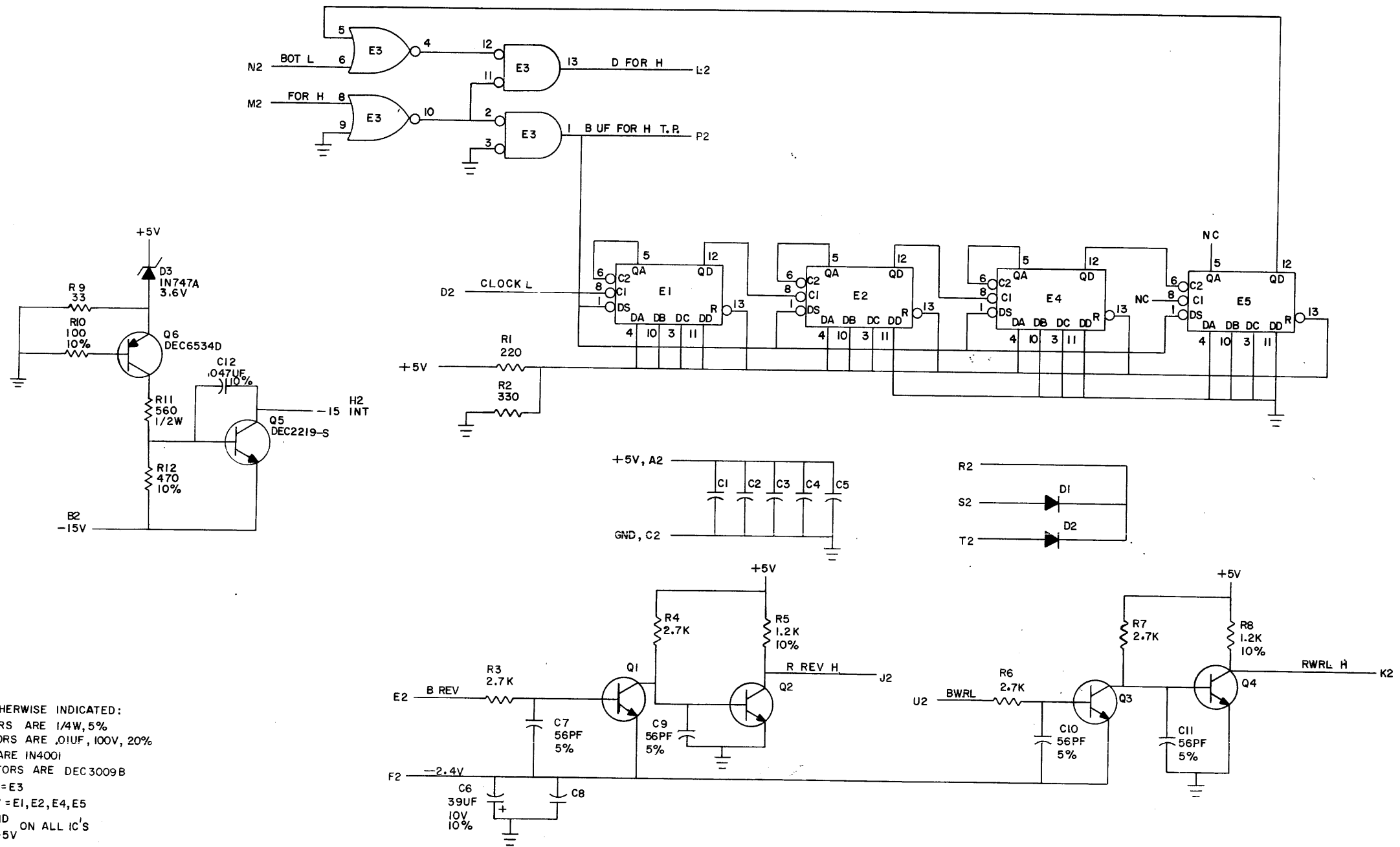
- UNLESS OTHERWISE INDICATED:
- CAPACITORS ARE .01UF
 - DIODES ARE D664
 - RESISTORS ARE 1.2K
 - TRANSISTORS ARE DEC 3009B
 - DEC 7400 = E4, E10 PIN 7 = GND, PIN 14 = +5V
 - DEC 7402 = E2, E7 " " " "
 - DEC 7450 = E11 " " " "
 - DEC 7474 = E1, E8 " " " "
 - DEC 9601 = E3, E5, E9 " " " "
 - DEC 74123 = E6, E12 PIN 8 = GND, PIN 16 = +5V



REV J
NUMBER M890-0-1
PAGE 2

Handwritten initials

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UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 1/4W, 5%
 CAPACITORS ARE .01UF, 100V, 20%
 DIODES ARE IN4001
 TRANSISTORS ARE DEC3009B
 DEC7402 = E3
 DEC74197 = E1, E2, E4, E5
 PIN 7=GND ON ALL IC'S
 PIN 14 = +5V

REVISONS	CHK	CHG	NO	REV
			00001	B
			00002	C

DEC FORM NC
 DRC 102

DRN.	DATE
George W. Smith	1-12-71
CHK'D	DATE
R. W. W. W.	1-12-71
ENG.	DATE
	1-13-71
PROD.	DATE

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
IN4001	SAME	IN747A 3.6V	SAME
DEC2219	2N2219		
DEC6534D	MPS6534		



TITLE
 FORWARD B.O.T. TIMER M7670

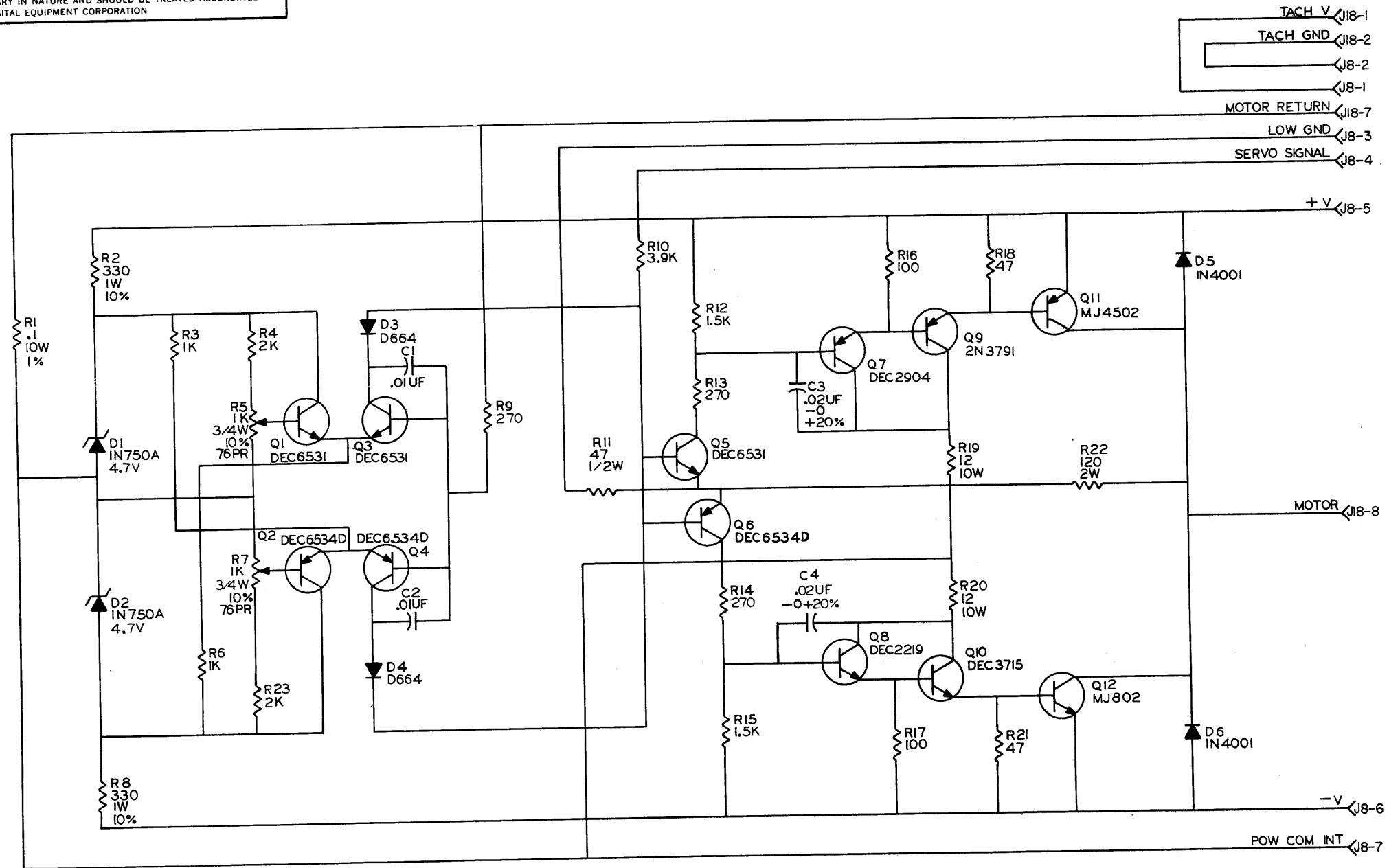
SIZE	CODE	NUMBER	REV.
C	CS	M7670-0-1	C

PRINTED CIRCUIT REV C

REV. C
 NUMBER M7670-0-1
 SIZE CODE C CS

DIS1, 324, 434, 435² 4 PINK

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UNLESS OTHERWISE INDICATED:
 CAPACITORS ARE 100V, 20%
 RESISTORS ARE 1/4W, 5%
 J13 AND J14 = MATE AND LOCK CONNECTORS I209340

REV	CHG	NO	REV
I			
J			

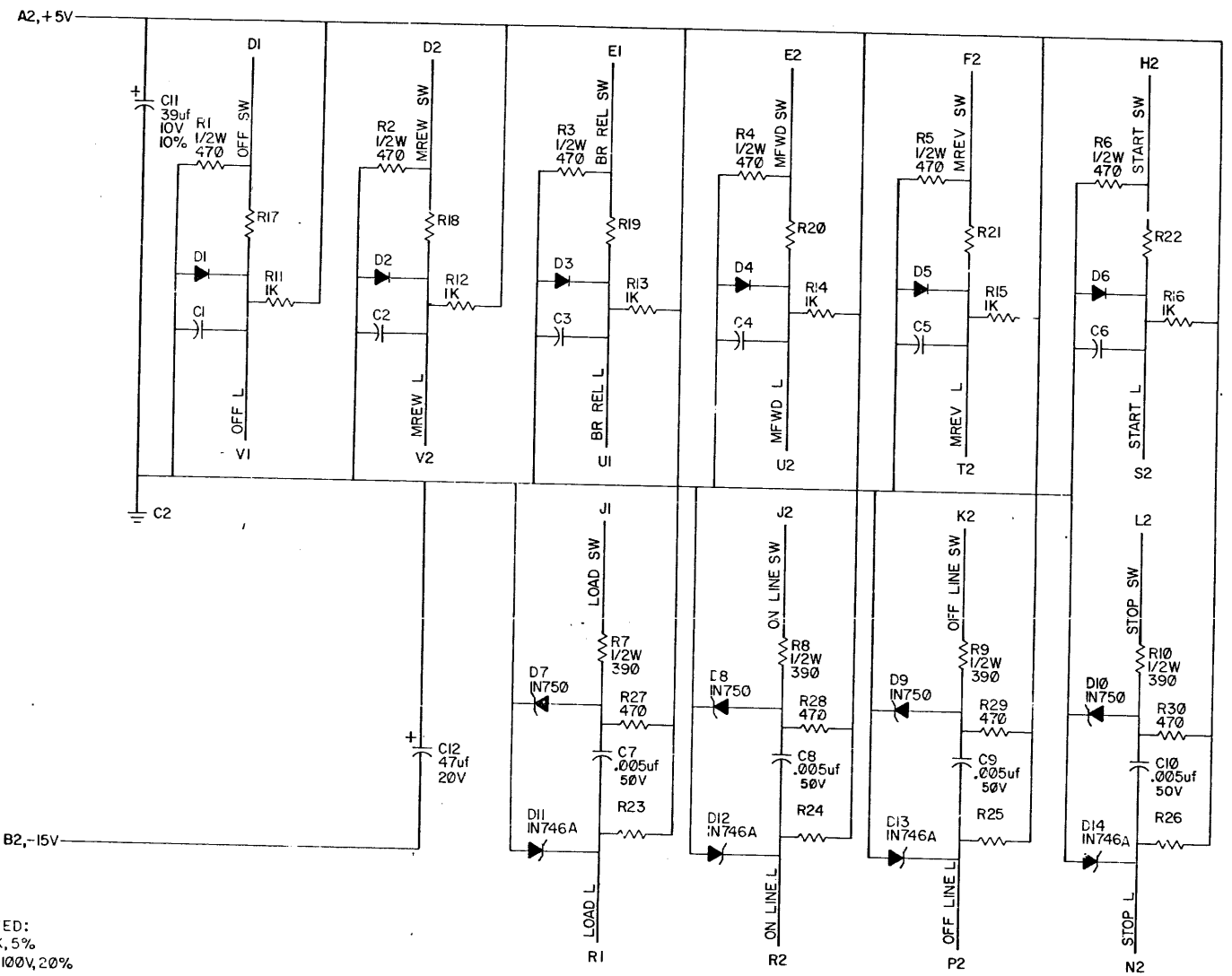
DRN	DATE
<i>W. J. D. Smith</i>	9/26/71
CHK'D	DATE
<i>Nancy M. M.</i>	9-29-71
ENG	DATE
<i>W. J. D. Smith</i>	7/6/71
PROD	DATE

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC 3715	2N 3715
MJ 4502		DEC 2219	2N 2219
MJ 802		DEC 2904	2N 1132
2N 3791		1N 4001	SAME
DEC 6531	MPS 6531	1N 750A	SAME
DEC 6534D	MPS 6534	D664	1N 3606

digital
 EQUIPMENT CORPORATION
 MAYNARD, MASSACHUSETTS

TITLE		NUMBER		REV
CAPSTAN POWER AMP		H 603-0-1		J
SIZE	CODE	CS		
C				
PRINTED CIRCUIT REV.				
H				

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UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 1/4W, 1.2K, 5%
 CAPACITORS ARE .01µf, 100V, 20%
 DIODES ARE 1003
 DIODES WHICH ARE IN750 ARE 4.7V
 DIODES WHICH ARE IN746 ARE 3.3V

REVISIONS	CHK	CHG	NO	IRLV

ORN	jeanne french	DATE	1/28/70
CHK'D		DATE	
BY		DATE	
PROD		DATE	

TRANSISTOR & DIODE CONVERSION CHART			
DES	EDA	DEC	EIA
IN750	IN994		
IN746	IN746		

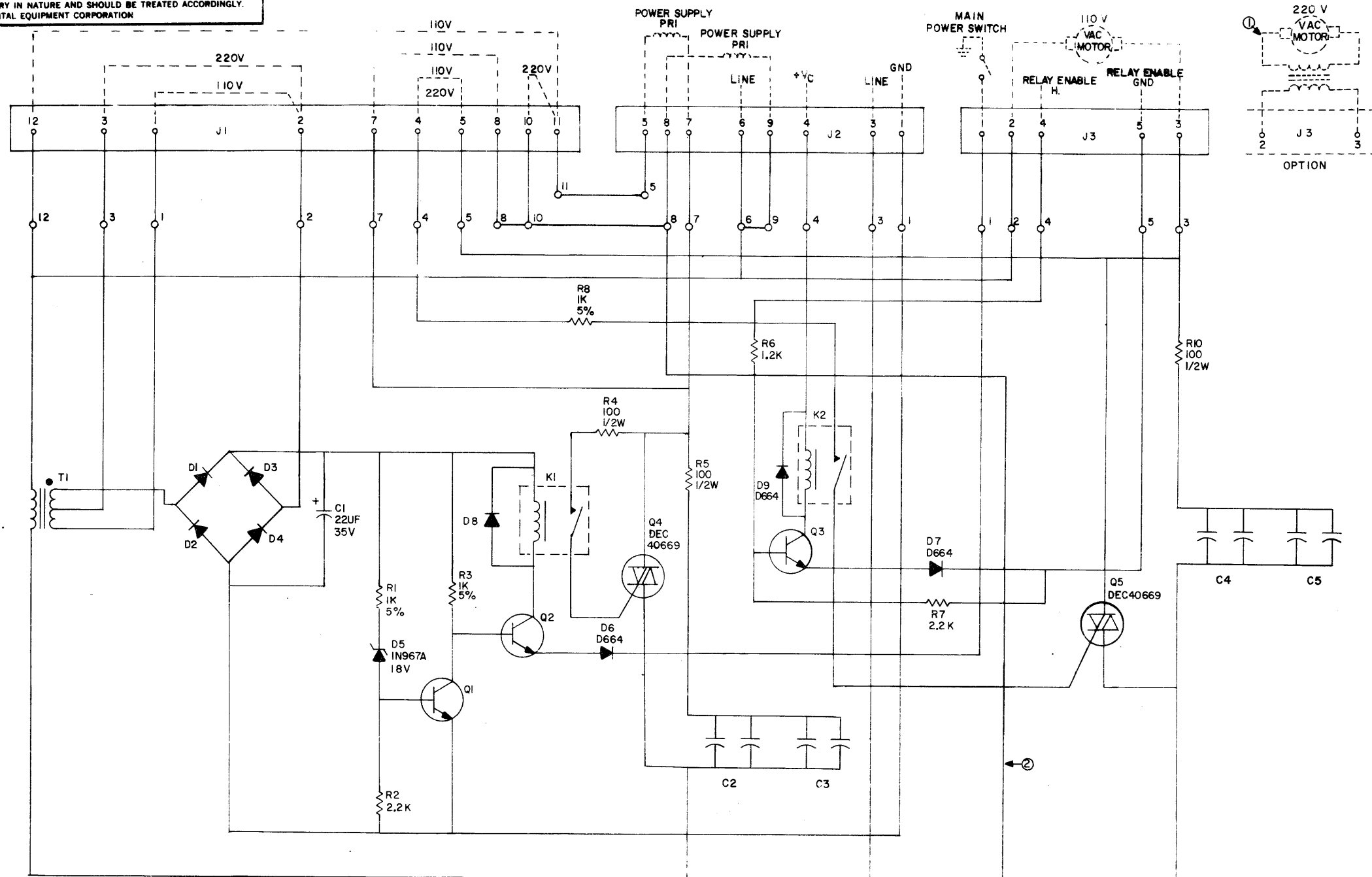


SWITCH FILTER
W726

EQUIPMENT CORPORATION	NO. CS	NUMBER	W726-0-1	REV	A
-----------------------	--------	--------	----------	-----	---

SIZE CODE C CS NUMBER W726-0-1 REV. A

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UNLESS OTHERWISE INDICATED:
 CAPACITORS ARE .02UF, DUAL, 1000V, 20%
 RESISTORS ARE 1/4W, 10%
 DIODES ARE D670
 TRANSISTORS ARE MPS6531
 K1, K2 ARE A COTO-COIL 40034 RELAY
 T1 IS A TRA 1236 220V PRI-24V C.T. SEC
 J1 IS A 15 PIN MATENLOCK SOCKET HOUSING 1209350-15
 J2 IS A 12 PIN MATENLOCK SOCKET HOUSING 1209350-12
 J3 IS A 6 PIN MATENLOCK SOCKET HOUSING 1209350-6
 --- INDICATES EXTERNAL CONNECTIONS

- NOTES:
- ① OPTION GOOD FOR 230V AND H730 TRANS, T9147-B ONLY.
 - ② DELETE WIRE WHEN USING H730 WITH T9147-B TRANS.
 - ③ ADD WIRE WHEN USED WITH T9147-B TRANS.

REV	DATE	BY	CHKD
1	10/15/70	W. Moore	
2	11/11/70	M. Morgan	
3	12/11/70	M. Morgan	

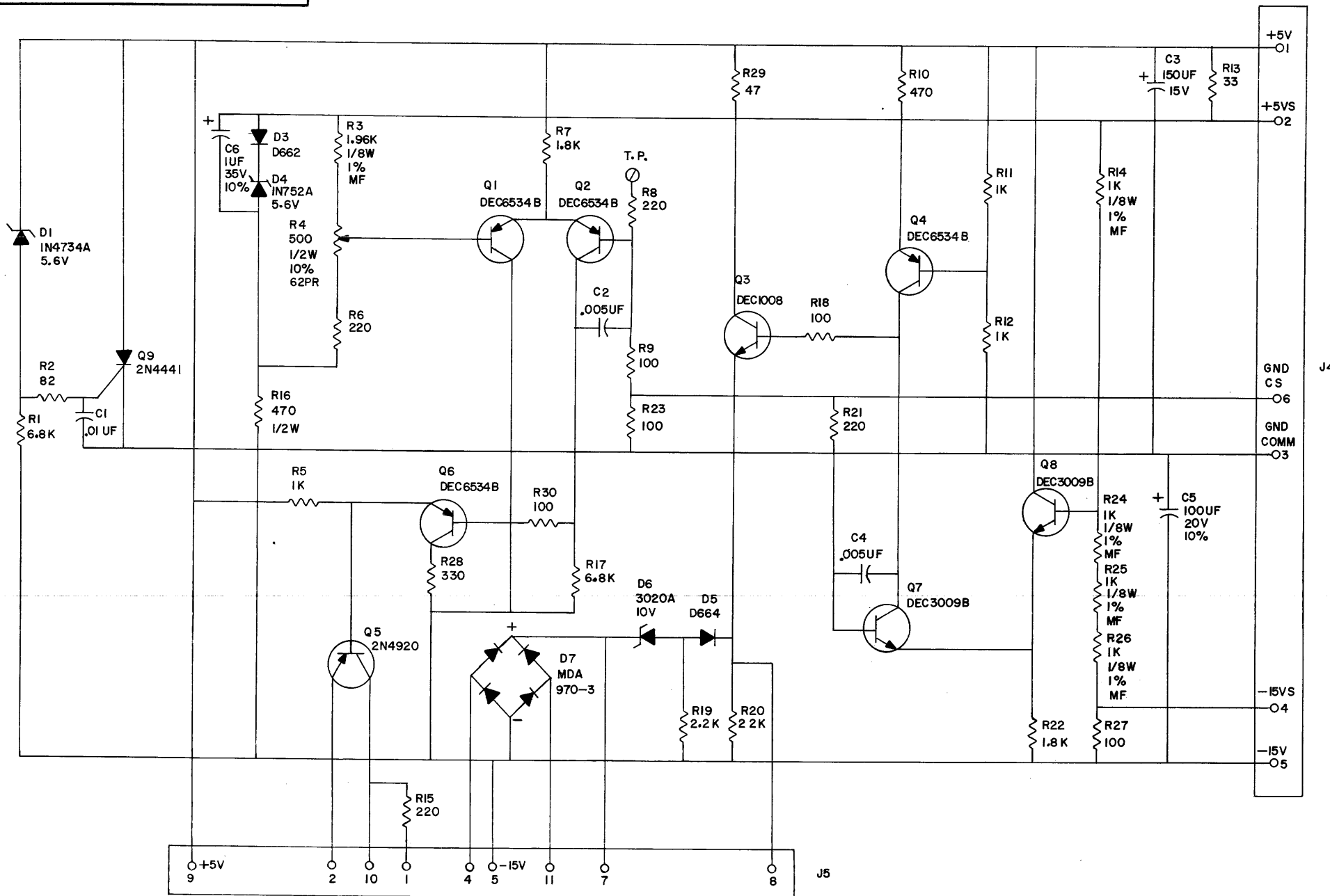
DRN	DATE	TRANSISTOR & DIODE CONVERSION CHART
W. Moore	10/15/70	DEC EIA DEC EIA
CHKD	DATE	D670 IN967
ENG	DATE	D670 IN967
PROD	DATE	

DEC	EIA	DEC	EIA
D670	IN967	MPS6531	MPS6531

TITLE TU 10 POWER CONTROL			
5408924			
SIZE	CODE	NUMBER	REV
C	CS	5408924-0-1	J
PRINTED CIRCUIT REV. D			

DATE FORN C CS 5408924-0-1 J

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UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 1/4W, 5%
 CAPACITORS ARE 100V, 20%
 J1 = 6 PIN MATE-N-LOCK CONNECTOR, 1209350-06
 J2 = 12 PIN MATE-N-LOCK CONNECTOR, 1209350-06
 ⊕ = SPLIT LUG

REV	CHG	NO.	REV
D	00001		
E	00002		
F	00003		

DRN
 N.C. MOORE
 DATE
 1-18-71
 CHG'D
 DATE
 2/19/71
 ENG.
 DATE
 2/17/71
 PROD
 DATE

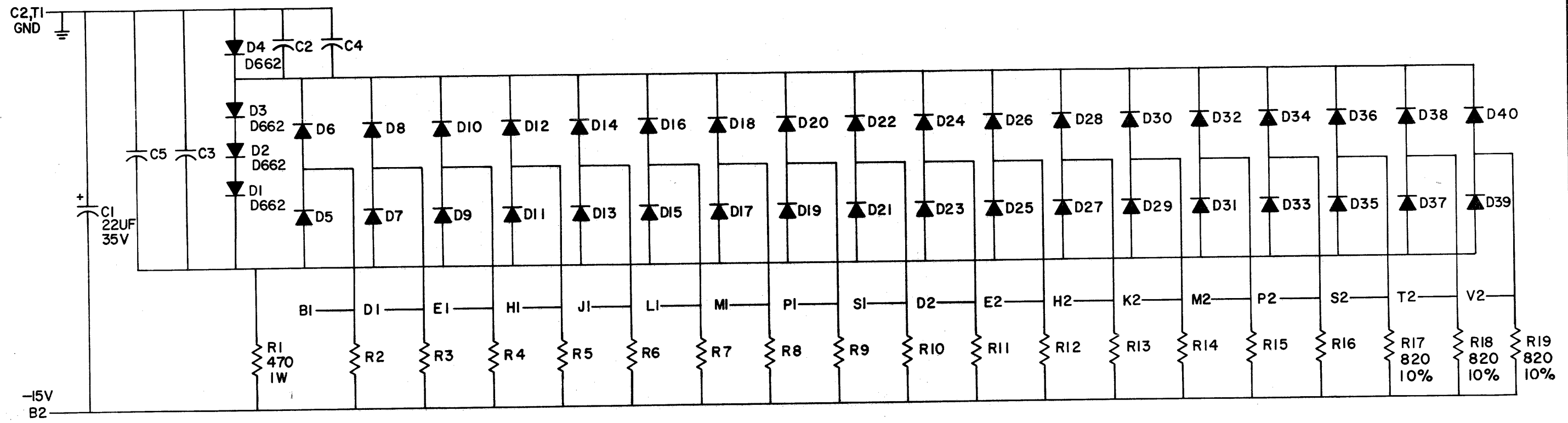
TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 1008	NONE	DEC3009B	2N3009
DEC6534B	MPS6534	IN4734A	SAME
D662	IN646	IN752A	SAME
D664	IN3606	2N4920	
3020A			

digital
 EQUIPMENT CORPORATION
 MAYNARD, MASSACHUSETTS

TITLE
 VOLTAGE REGULATOR
 5408928
 NUMBER
 5408928-0-1
 SIZE CODE
 C CS
 REV
 F

REV. F
 NUMBER 5408928
 SIZE CODE C CS

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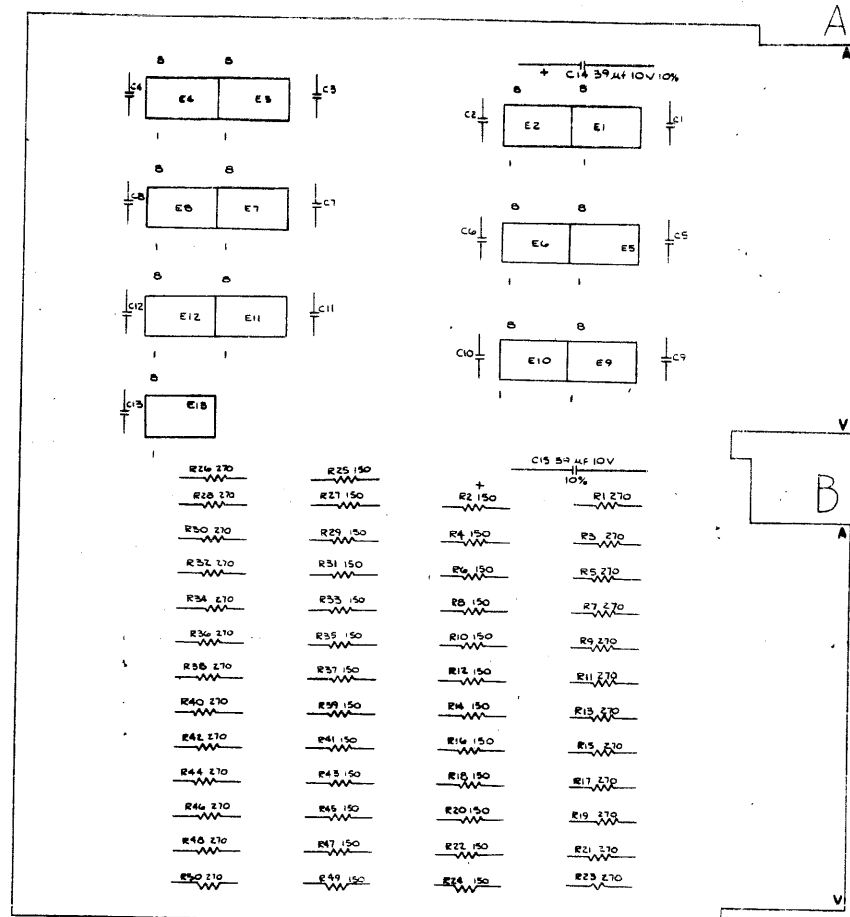
UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 3K, 1/2W, 5%
 CAPACITORS ARE .01UF, 100V, 20%
 DIODES ARE D664

G741-YA	820 1/2W 10%	3K 1/2W 10%
VARIATION	R11	R17, R18

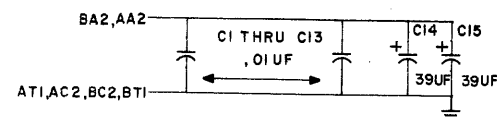
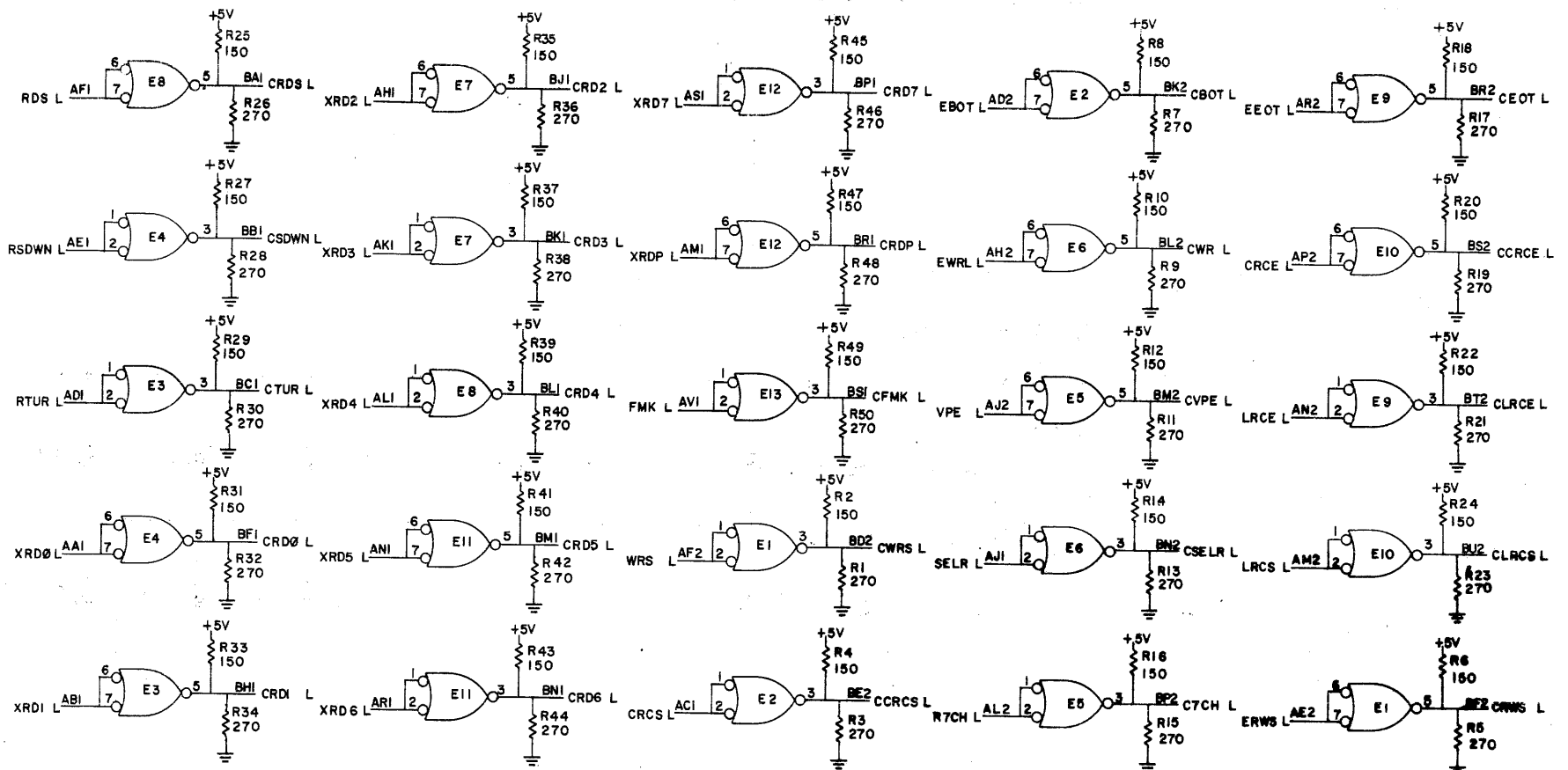
REVISIONS CHK CHG NO REV 1/24 00001 B	DRN <i>S. Cooper</i>	DATE 11/14/70	TRANSISTOR & DIODE CONVERSION CHART				digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE 19IO NEGATIVE RUS TERMINATOR G741			
	CHK'D <i>R. Walker</i>	DATE 11/25/70	DEC	EIA	DEC	EIA		SIZE	CODE	NUMBER	REV.
	ENG. <i>On Morgan</i>	DATE 12/8/70	D664	IN3606				B	CS	G741-0-1	B
	PROD.	DATE	D662	IN645				PRINTED CIRCUIT REV. C			

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9 1-0-0199W 53 0
REV. 1000 1/78



PIN 8 = +5V ON ALL IC'S
PIN 4 = GND



REV	DESCRIPTION	DATE	BY	CHKD	DATE	BY	CHKD	DATE	BY
13	E1 - E13								
4	EYELET #GSM-7								
2	HANDLE, FLIP CRIP - MAGENTA								
25	R1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23								
23	R2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24								
13	C1 - C3								
2	C4, 15								
1	ETCHED CIRCUIT BOARD								
	MODULE ECO HISTORY								
	ASSEMBLY HOLE LAYOUT								
	X-Y COORDINATE HOLE LOCATION								
QTY	REP DESIGNATION								
	DESCRIPTION								
	PARTS LIST								

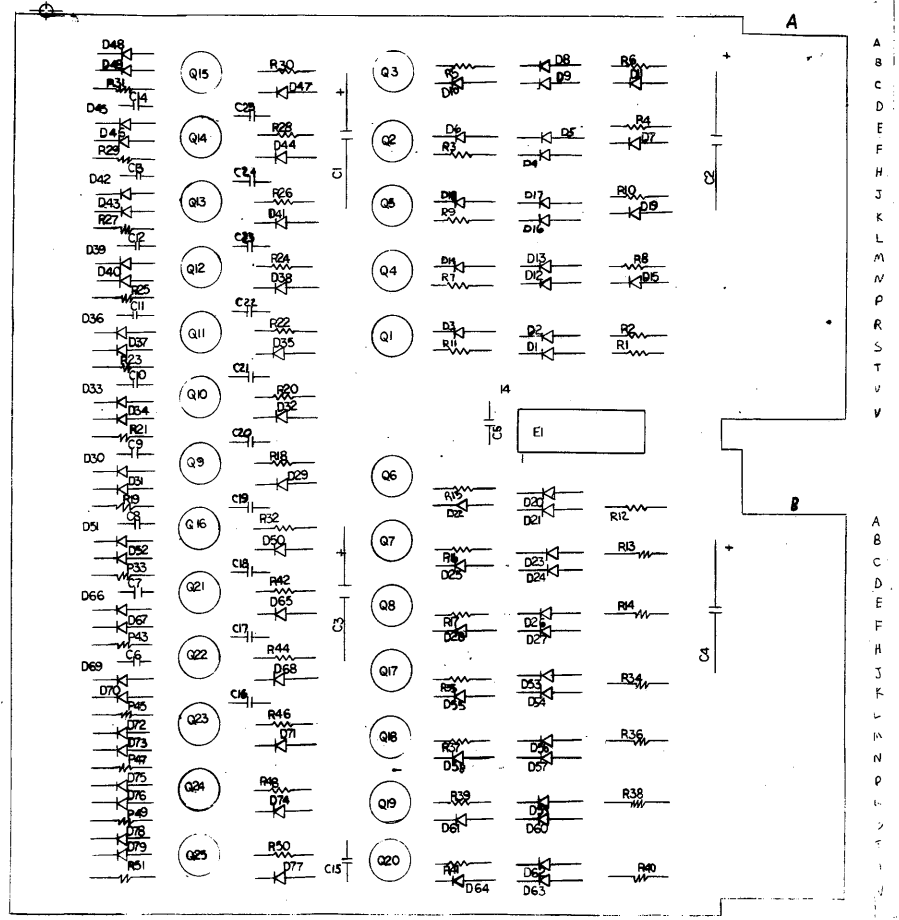
REV	DESCRIPTION	DATE	BY	CHKD	DATE	BY	CHKD	DATE	BY
1	ETCHED CIRCUIT BOARD								
2	MODULE ECO HISTORY								
3	ASSEMBLY HOLE LAYOUT								
4	X-Y COORDINATE HOLE LOCATION								
5	DESCRIPTION								

DEC FORM NO. 000 1/68

REV. 1000 1/78

DIST. 224, 434, 485

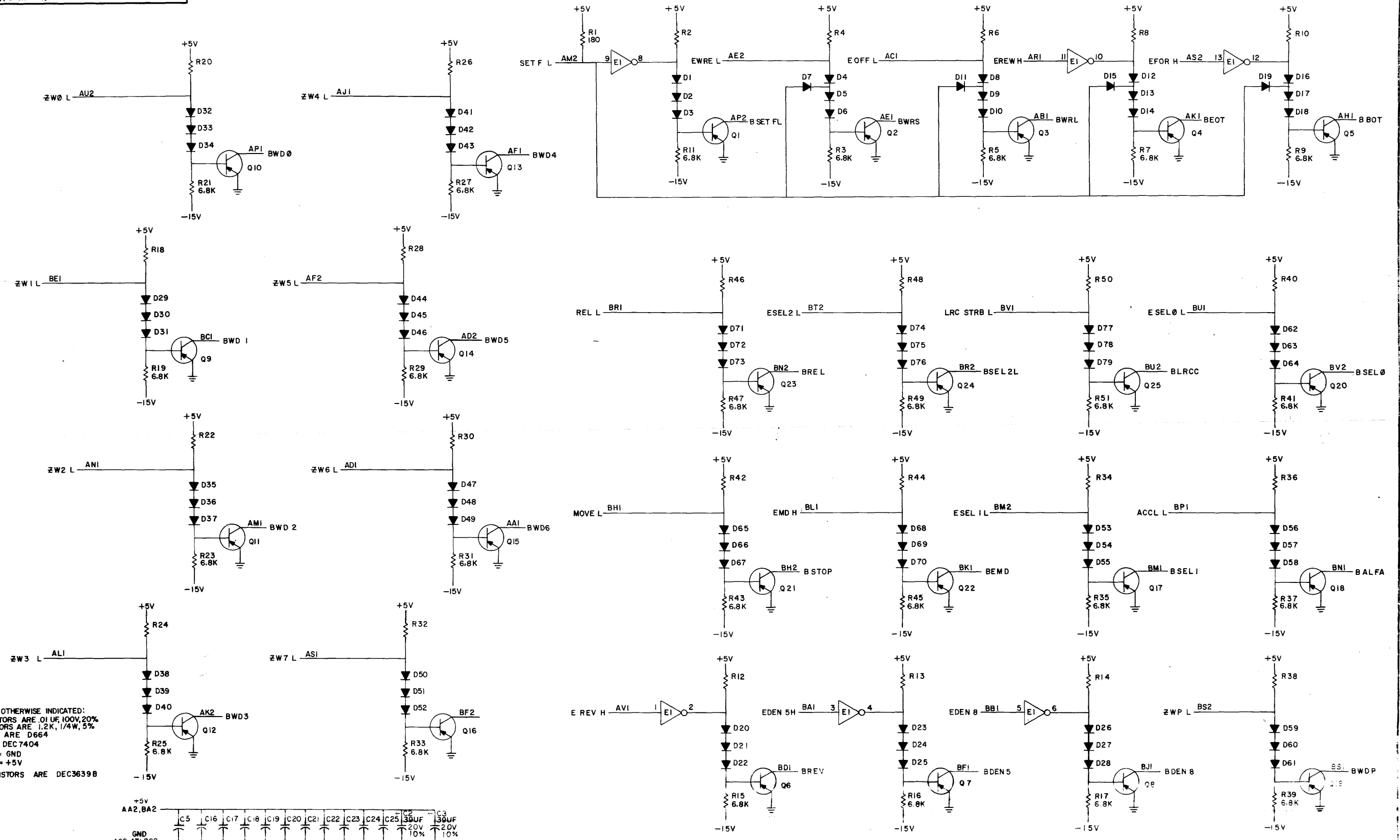
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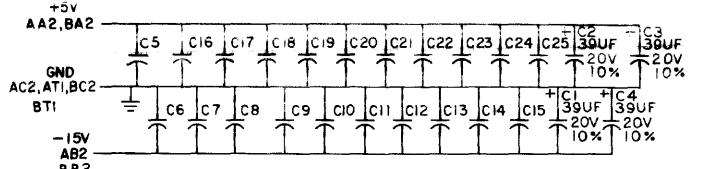
QTY	REF DESIGNATION	DESCRIPTION	DEC PART NO.	QTY
2		HANDLE, FLIP CHIP - MAGENTA	9008337-06	17
4		EYELET #GS4-7	9006732	16
		GRIPLET	1210244-0	15
1	E1	I.C. DEC 7404	1909686	14
25	Q1 - Q25	TRANSISTOR DEC 3639B	1902762	13
		RES. 6.8K 1/4W 5%	1301423	12
		RES. 180 1/4W 5%	1301322	11
25	R2,4,6,8,10,12,14,18,20,22,24,26,28,30,32,34,36,38,40	RES. 1.2K 1/4W 5%	1301320	10
79	D1 - D79	DIODE D664	1100114	9
21	C5 - C25	CAP. .01UF 100V 20% UISC	1001610	8
4	C1 - C4	CAP. 39UF 20V 10% S. TANT	1005335	7
1		ETCHED CIRCUIT BOARD	5009568	6
		MODULE ECO HISTORY	B-M7671-0-6	5
		ASSY/DRILLING HOLE LAYOUT	D-M7671-0-5	4
		X-Y COORDINATE REF. LOCATION	K-C7671-0-4	3
		PARTS LIST		

REVISIONS CHG (ING) NO. REV.	DATE 12/21/71 BY J. Cofer	TRANSISTOR & DIODE CONVERSION CHART				digital EQUIPMENT CORPORATION MAYFORD, MASSACHUSETTS	TITLE MASTER/SLAVE BUS DRIVER	
	DATE 12/21/71 BY J. Cofer	DEC EIA DEC EIA			SIZE D CS		NUMBER M7671-0-1	REV. A
	DATE 12/21/71 BY J. Cofer						PRINTED CIRCUIT REV.	
	DATE 12/21/71 BY J. Cofer							

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UNLESS OTHERWISE INDICATED:
CAPACITORS ARE 01 UF 100V, 20%
RESISTORS ARE 1/2K, 1/4W, 5%
DIODES ARE D664
IC IS DEC7404
PIN 7 = GND
PIN 14 = +5V
TRANSISTORS ARE DEC3639B



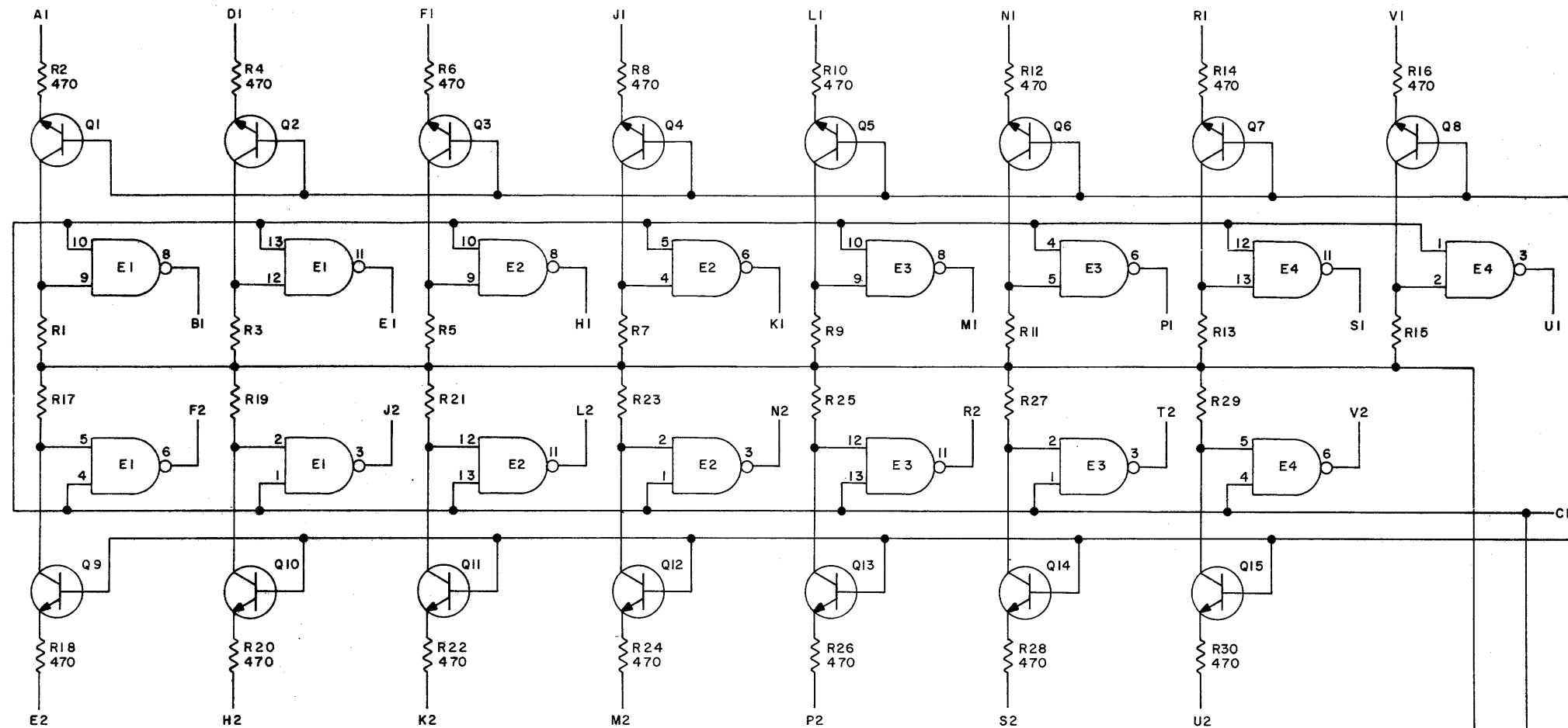
REV	DATE	BY	CHK	NO	REV

TRANSISTOR & DIODE CONVERSION CHART			
MANUFACTURER	TYPE	DIGITAL EQUIPMENT CORPORATION	TYPE
DEC	D664	IN3606	DEC3639B
EIA			NON E

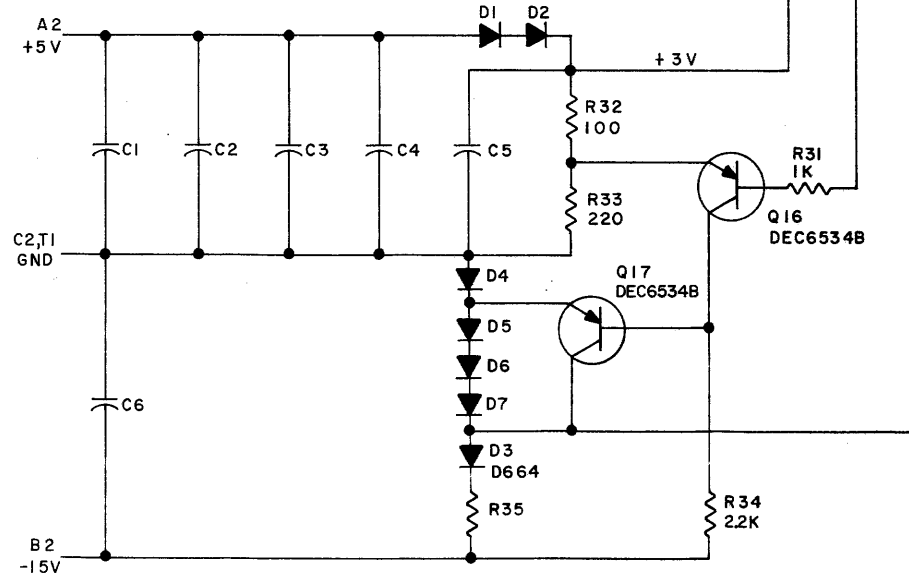
TITLE		MASTER/SLAVE BUS DRIVER	
SIZE	CODE	NUMBER	REV
D	CS	M7671-0-1	A
PRINTED CIRCUIT REV			

REV. A
NUMBER 0-1
CS M7671-0-1

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UNLESS OTHERWISE INDICATED:
 PIN 7 ON EACH IC = GND
 PIN 14 ON EACH IC = +5V
 IC'S ARE DEC 7400N
 CAPACITORS ARE .01MFD
 DIODES ARE D662
 RESISTORS ARE 1/4W 5%
 RESISTORS ARE 4.7K
 TRANSISTORS ARE DEC3009B



REV	CHK	NO	REV
1	1	00001	B

DRN	DATE
<i>W. J. ...</i>	5-27-69
CHK'D	DATE
<i>M. ...</i>	3/27/69
ENG.	DATE
<i>D. ...</i>	7-17-67
PROD.	DATE

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D662	1N645		
D664	1N3606		
DEC3009B	2N3009		
DEC6534B	MPS6534		

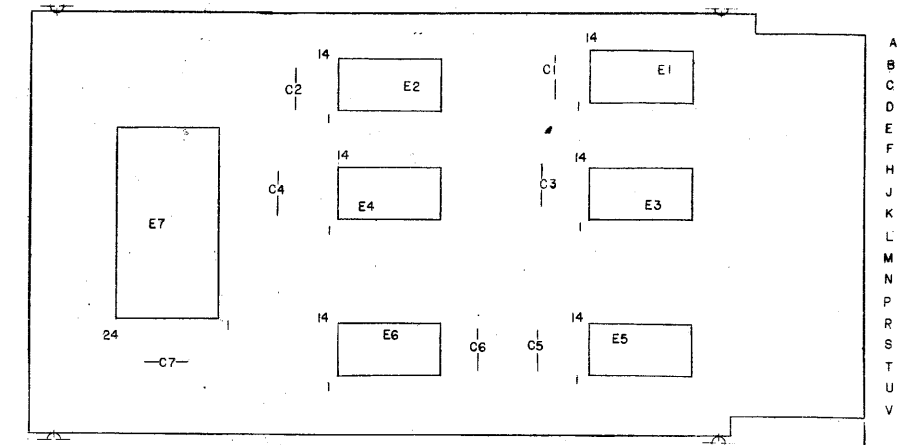
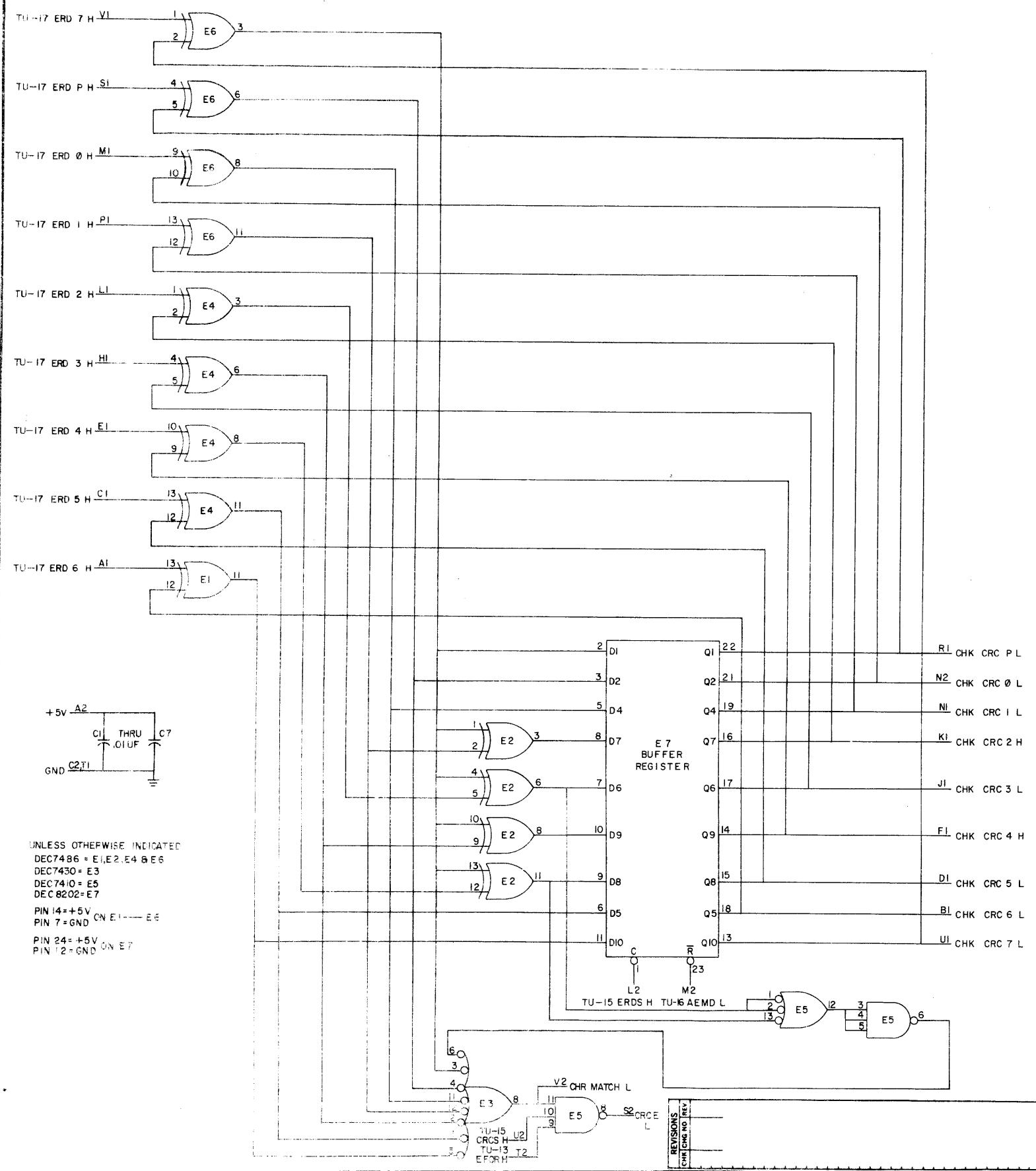
digital EQUIPMENT CORPORATION
 MAYNARD, MASSACHUSETTS

TITLE: BUS DATA INTERFACE
 M100

SIZE: C CS NUMBER: M100-0-1
 PRINTED CIRCUIT REV: A

REV. B
 NUMBER M100-0-1
 SIZE CODE C CS

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UNLESS OTHERWISE INDICATED
 DEC7486 = E1, E2, E4 & E6
 DEC7430 = E3
 DEC7410 = E5
 DEC8202 = E7
 PIN 14 = +5V
 PIN 7 = GND ON E1 - E6
 PIN 24 = +5V ON E7
 PIN 12 = GND

QTY.	REF. DESIGNATION	DESCRIPTION	DEC PART NO.	QTY.
1		HANDLE, FLIP CHIP - MAGENTA	9008117-06	11
2		EYELET	9006732	10
1	E7	I.C. DEC 8202	1910275	9
4	E1, 2, 4, 6	I.C. DEC 7486	1910011	8
1	E3	I.C. DEC 7430	1905578	7
1	E5	I.C. DEC 7410	1905576	6
7	C1 - C7	CAP. .01UF 100V 20% DISC	1001610	5
1		ETCHED CIRCUIT BOARD	5009696	4
		MODULE ECO HISTORY	B-MH-M896-0-6	3
		ASSY/DRILLING HOLE LAYOUT	D-AH-M896-0-5	2
		X-Y COORDINATE HOLE LOCATION	K-CO-M896-0-4	1
		PARTS LIST		

ORN S. COOPER DATE 8-27-71 CHK'D VANCE M. LEE DATE 10-25-71 ENG J. HESTER DATE 11-11-71 PROD DATE	TRANSISTOR & DIODE CONVERSION CHART DEC EIA DEC EIA	TITLE digital CRC CHECKER EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS SIZE D CODE CS NUMBER M896-0-1 REV A PRINTED CIRCUIT REV B
--	---	--

REV A
 NUMBER M896-0-1
 SIZE CODE D CS

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REV. NUMBER SIZE CODE NUMBER
 2 K WL TUIØA-Ø-5

4

3

1

B

B

A

A

FIRST USED ON OPTION MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
TUIØA				
PARTS LIST				
DRN. <i>W.E. Long</i>	DATE 5-3-72	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS TITLE WIRE LIST (TUIØA)		
CHK'D. <i>W. K. Long</i>	DATE 5/3/72			
ENG. <i>James Ruppert</i>	DATE 5-3-72			
PROJ. ENG. <i>J. Sullivan</i>	DATE 5-3-72			
PROD. <i>K. M. Dow</i>	DATE 5-3-72			
NEXT HIGHER ASSEMBLY				
D-AD-7008795-0-0		SIZE CODE	NUMBER	REV.
SCALE 1/1		K WL	TUIØA-Ø-5	
SHEET 1 OF 1		DIST.		

TU12A QKLAT.P0
RUN NAME

A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	MODULE OPT	TYPE FLAG	E	C	LOADING HIGH	LOW	AC EXTRA	LENGTH	EXCEPTIONS	RUN NUMBER
GND A24P1	G	A24P1		G	OKLT S	QKLAT	G	I							82
GND A24R2	G	A24R2		G	OKLT S	QKLAT	G	I							83
GND A24S1	G	A24S1		G	OKLT S	QKLAT	G	I							84
GND A24T2	G	A24T2		G	OKLT S	QKLAT	G	I							85
GND A24U1	G	A24U1		G	OKLT S	QKLAT	G	I							86
GND A24V2	G	A24V2		G	OKLT S	QKLAT	G	I							87
GND A24W1	G	A24W1		G	OKLT S	QKLAT	G	I							88
GND A24X2	G	A24X2		G	OKLT S	QKLAT	G	I							89
GND A24Y1	G	A24Y1		G	OKLT S	QKLAT	G	I							90
GND A24Z2	G	A24Z2		G	OKLT S	QKLAT	G	I							91
GND A25K2	G	A25K2		G	OKLT S	QKLAT	G	I							92
GND A25M2	G	A25M2		G	OKLT S	QKLAT	G	I							93
GND A25P2	G	A25P2		G	OKLT S	QKLAT	G	I							94
GND A25S2	G	A25S2		G	OKLT S	QKLAT	G	I							95
GND A25U2	G	A25U2		G	OKLT S	QKLAT	G	I							96
GND A25W2	G	A25W2		G	OKLT S	QKLAT	G	I							97
GND A25Y2	G	A25Y2		G	OKLT S	QKLAT	G	I							98
GND A26L1	G	A26L1		G	OKLT S	QKLAT	G	I							99
GND A26R1	G	A26R1		G	OKLT S	QKLAT	G	I							100
GND A26V1	G	A26V1		G	OKLT S	QKLAT	G	I							101
GND A26Z1	G	A26Z1		G	OKLT S	QKLAT	G	I							102
GND B07C2	G	B07C1	1-01	G	OKLT S	M984		I					0-1/8		103
GND B07C2	G	B07C2	1-02	G	OKLT S	M984	G						0-1/8		103
GND B07C2	G		1						0	0	0	0	0-1/8		103
GND B08C2	G	B08B1	1-01	G	OKLT S	M984		I					0-1/8		104
GND B08C2	G	B08C2	1-02	G	OKLT S	M984	G						0-1/8		104
GND B08C2	G		1						0	0	0	0	0-1/8		104
GND B09C2	G	B09B1	1-01	G	OKLT S	M984		I					0-1/8		105
GND B09C2	G	B09C2	1-02	G	OKLT S	M984	G						0-1/8		105
GND B09C2	G		1						0	0	0	0	0-1/8		105
GND B12B1	G	B12B1		G	OKLT S	QKLAT	G	I							106

TU12A QKLAT.P0
RUN NAME

A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	MODULE OPT	TYPE FLAG	E	C	LOADING HIGH	LOW	AC EXTRA	LENGTH	EXCEPTIONS	RUN NUMBER
GND B13A1	G	B13A1		G	OKLT S	QKLAT	G	I							107
GND B13B2	G	B13B2		G	OKLT S	QKLAT	G	I							108
GND B14A2	G	B14A2		G	OKLT S	QKLAT	G	I							109
GND B23B1	G	B23B1		G	OKLT S	QKLAT	G	I							110
GND B24A1	G	B24A1		G	OKLT S	QKLAT	G	I							111
GND B24B2	G	B24B2		G	OKLT S	QKLAT	G	I							112
GND B25A2	G	B25A2		G	OKLT S	QKLAT	G	I							113
SPARE 1		A25V1	1-01	H	OKLT S	QKLAT		2	I				6-2/8		114
SPARE 1		A14V1	1-02	H	OKLT S	QKLAT		2	2				3-6/8		114
SPARE 1		B09A2	1-03	C	OKLT S	M984	G								114
SPARE 1			1							0	0	0	0	10-0/8	114
SPARE 2		A25V2	1-01	H	OKLT S	QKLAT		2	I				6-2/8		115
SPARE 2		A14V2	1-02	H	OKLT S	QKLAT		2	2				4		115
SPARE 2		B09B2	1-03	C	OKLT S	M984	G								115
SPARE 2			1							0	0	0	0	10-2/8	115
SPARE 3		A26U1	1-01	H	OKLT S	QKLAT		2	I				6-2/8		116
SPARE 3		A14U1	1-02	H	OKLT S	QKLAT		2	2				4-4/8		116
SPARE 3		B09D2	1-03	C	OKLT S	M984	G								116
SPARE 3			1							0	0	0	0	10-6/8	116
RECORD DATA	H	A23P1	1-01	H	OKLT S	QKLAT		2	I				6-2/8		117
RECORD DATA	H	A12P1	1-02	H	OKLT S	QKLAT		2	2				3		117
RECORD DATA	H	A27N2	1-03	C	OKLT S	M984	G								117
RECORD DATA	H		1							0	0	0	0	9-2/8	117
RECORD DATA	H	A26P1	1-01	H	OKLT S	QKLAT		2	I				6-2/8		118
RECORD DATA	H	A15P1	1-02	H	OKLT S	QKLAT		2	2				6		118
RECORD DATA	H	B07D2	1-03	C	OKLT S	M984	G								118
RECORD DATA	H		1							0	0	0	0	12-2/8	118
RECORD DATA	H	A23Q1	1-01	H	OKLT S	QKLAT		2	I				6-2/8		119
RECORD DATA	H	A12Q1	1-02	H	OKLT S	QKLAT		2	2				2-3/8		119
RECORD DATA	H	A09Q2	1-03	C	OKLT S	M984	G								119
RECORD DATA	H		1							0	0	0	0	8-5/8	119
RECORD DATA	H	A23U2	1-01	H	OKLT S	QKLAT		2	I				6-2/8		120
RECORD DATA	H	A12U2	1-02	H	OKLT S	QKLAT		2	2				2-6/8		120
RECORD DATA	H	A09U2	1-03	C	OKLT S	M984	G								120
RECORD DATA	H		1							0	0	0	0	9-8/8	120
RECORD DATA	H	A25M1	1-01	H	OKLT S	QKLAT		2	I				6-2/8		121
RECORD DATA	H	A14M1	1-02	H	OKLT S	QKLAT		2	2				4-6/8		121
RECORD DATA	H	A08Y2	1-03	C	OKLT S	M984	G								121
RECORD DATA	H		1							0	0	0	0	11-0/8	121

TUI0A QKLAT.P0
RUN NAME

WRP288.V24D(6)-1 04-APR-72 8-MAY-72 15101 PAGE 6

A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	MODULE OPT	TYPE FLAG	E	C	LOADING HIGH	LOW	AC	EXTRA	LENGTH EXCEPTIONS	RUN NUMBER
1H	A23V2		1-01	H	QKLT	S	QKLAT	2	1					6-2/8	122
1H	A12V2		1-02	H	QKLT	S	QKLAT	2	2					2-6/8	122
1H	A09S2		1-03	C	QKLT	S	M904	C						9-0/8	122
1										0	0	0	0		122
L	A25R2		1-01	H	QKLT	S	QKLAT	2	1					6-2/8	123
L	A14R2		1-02	H	QKLT	S	QKLAT	2	2					5-4/8	123
L	B07B2		1-03	C	QKLT	S	M904	C						11-6/8	123
1										0	0	0	0		123
H	A23M2		1-01	H	QKLT	S	QKLAT	2	1					6-2/8	124
H	A12M2		1-02	H	QKLT	S	QKLAT	2	2					3	124
H	A08P2		1-03	C	QKLT	S	M904	C						9-2/8	124
1										0	0	0	0		124
H	A24P2		1-01	H	QKLT	S	QKLAT	2	1					6-2/8	125
H	A13P2		1-02	H	QKLT	S	QKLAT	2	2					4-4/8	125
H	A07W2		1-03	C	QKLT	S	M904	C						10-6/8	125
1										0	0	0	0		125
1H	A26S1		1-01	H	QKLT	S	QKLAT	2	1					6-2/8	126
1H	A15S1		1-02	H	QKLT	S	QKLAT	2	2					5-2/8	126
1H	B08A1		1-03	C	QKLT	S	M904	C						11-4/8	126
1										0	0	0	0		126
1H	A25T2		1-01	H	QKLT	S	QKLAT	2	1					6-2/8	127
1H	A14T2		1-02	H	QKLT	S	QKLAT	2	2					4-6/8	127
1H	A08Y1		1-03	C	QKLT	S	M904	C						11-0/8	127
1										0	0	0	0		127
1H	A25S1		1-01	H	QKLT	S	QKLAT	2	1					6-2/8	128
1H	A14S1		1-02	H	QKLT	S	QKLAT	2	2					4	128
1H	A08V1		1-03	C	QKLT	S	M904	C						10-2/8	128
1										0	0	0	0		128
1H	A24S2		1-01	H	QKLT	S	QKLAT	2	1					6-2/8	129
1H	A13S2		1-02	H	QKLT	S	QKLAT	2	2					3-4/8	129
1H	A08T1		1-03	C	QKLT	S	M904	C						9-6/8	129
1										0	0	0	0		129
1H	A24T1		1-01	H	QKLT	S	QKLAT	2	1					6-2/8	130
1H	A13T1		1-02	H	QKLT	S	QKLAT	2	2					3-4/8	130
1H	A08S1		1-03	C	QKLT	S	M904	C						9-6/8	130
1										0	0	0	0		130
1H	A23T2		1-01	H	QKLT	S	QKLAT	2	1					6-2/8	131
1H	A12T2		1-02	H	QKLT	S	QKLAT	2	2					3-4/8	131
1H	A08P1		1-03	C	QKLT	S	M904	C						9-6/8	131
1										0	0	0	0		131
1H	A23S2		1-01	H	QKLT	S	QKLAT	2	1					6-2/8	132
1H	A12S2		1-02	H	QKLT	S	QKLAT	2	2					3-2/8	132
1H	A08N1		1-03	C	QKLT	S	M904	C						9-4/8	132
1										0	0	0	0		132

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RUN NAME

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A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	MODULE OPT	TYPE FLAG	E	C	LOADING HIGH	LOW	AC	EXTRA	LENGTH EXCEPTIONS	RUN NUMBER
1H	A23S1		1-01	H	QKLT	S	QKLAT	2	1					6-2/8	133
1H	A12S1		1-02	H	QKLT	S	QKLAT	2	2					3-2/8	133
1H	A08L1		1-03	C	QKLT	S	M904	C						9-4/8	133
1										0	0	0	0		133
1H	A25T1		1-01	H	QKLT	S	QKLAT	2	1					6-2/8	134
1H	A14T1		1-02	H	QKLT	S	QKLAT	2	2					4-2/8	134
1H	A08W1		1-03	C	QKLT	S	M904	C						10-4/8	134
1										0	0	0	0		134
H	A26M1		1-01	H	QKLT	S	QKLAT	2	1					6-2/8	135
H	A15M1		1-02	H	QKLT	S	QKLAT	2	2					5-6/8	135
H	R08D2		1-03	C	QKLT	S	M904	C						12-0/8	135
1										0	0	0	0		135
H	A23N2		1-01	H	QKLT	S	QKLAT	2	1					6-2/8	136
H	A12N2		1-02	H	QKLT	S	QKLAT	2	2					3-2/8	136
H	A08S2		1-03	C	QKLT	S	M904	C						9-4/8	136
1										0	0	0	0		136
H	A23P2		1-01	H	QKLT	S	QKLAT	2	1					6-2/8	137
H	A12P2		1-02	H	QKLT	S	QKLAT	2	2					3-2/8	137
H	A07P2		1-03	C	QKLT	S	M904	C						9-4/8	137
1										0	0	0	0		137
H	A23R2		1-01	H	QKLT	S	QKLAT	2	1					6-2/8	138
H	A12R2		1-02	H	QKLT	S	QKLAT	2	2					3-4/8	138
H	A07S2		1-03	C	QKLT	S	M904	C						9-6/8	138
1										0	0	0	0		138
H	A24R1		1-01	H	QKLT	S	QKLAT	2	1					6-2/8	139
H	A13R1		1-02	H	QKLT	S	QKLAT	2	2					4	139
H	A07U2		1-03	C	QKLT	S	M904	C						10-2/8	139
1										0	0	0	0		139
H	A24V1		1-01	H	QKLT	S	QKLAT	2	1					6-2/8	140
H	A13V1		1-02	H	QKLT	S	QKLAT	2	2					2-6/8	140
H	A09U2		1-03	C	QKLT	S	M904	C						9-0/8	140
1										0	0	0	0		140
H	A23M1		1-01	H	QKLT	S	QKLAT	2	1					6-2/8	141
H	A12M1		1-02	H	QKLT	S	QKLAT	2	2					2-4/8	141
H	A08N2		1-03	C	QKLT	S	M904	C						8-6/8	141
1										0	0	0	0		141
H	A25P1		1-01	H	QKLT	S	QKLAT	2	1					6-2/8	142
H	A14P1		1-02	H	QKLT	S	QKLAT	2	2					5	142
H	A07Y2		1-03	C	QKLT	S	M904	C						11-2/8	142
1										0	0	0	0		142
L	A25U1		1-01	H	QKLT	S	QKLAT	2	1					6-2/8	143
L	A14U1		1-02	H	QKLT	S	QKLAT	2	2					3-4/8	143
L	A09Y2		1-03	C	QKLT	S	M904	C						9-6/8	143
1										0	0	0	0		143

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RUN NAME

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A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW OPT	MODULE FLAG	TYPE	E	C	LOADING HIGH	LOW		AC EXTRA	LENGTH EXCEPTIONS	
TB TUR (B)	H	A24U2	1-01	H	QKLT S	QKLAT	2	1					6-2/8	144	
TB TUR (B)	H	A13U2	1-02	H	QKLT S	QKLAT	2	2					3	144	
TB TUR (B)	H	A09W2	1-03	C	QKLT S	M904 C								144	
TB TUR (B)	H		1							0	0	0	0	9-2/8	144
TB UNLOAD/WRL	H	A24N1	1-01	H	QKLT S	QKLAT	2	1					6-2/8	145	
TB UNLOAD/WRL	H	A13N1	1-02	H	QKLT S	QKLAT	2	2					3-6/8	145	
TB UNLOAD/WRL	H	A08U2	1-03	C	QKLT S	M904 C								145	
TB UNLOAD/WRL	H		1							0	0	0	0	10-8/8	145
TB WRITE LPCC (B)	H	A25R1	1-01	H	QKLT S	QKLAT	2	1					6-2/8	146	
TB WRITE LPCC (B)	H	A14R1	1-02	H	QKLT S	QKLAT	2	2					5-2/8	146	
TB WRITE LPCC (B)	H	B07A2	1-03	C	QKLT S	M904 C								146	
TB WRITE LPCC (B)	H		1							0	0	0	0	11-4/8	146
TB WRITING/RWS	H	A24M2	1-01	H	QKLT S	QKLAT	2	1					6-2/8	147	
TB WRITING/RWS	H	A13M2	1-02	H	QKLT S	QKLAT	2	2					4-2/8	147	
TB WRITING/RWS	H	A08W2	1-03	C	QKLT S	M904 C								147	
TB WRITING/RWS	H		1							0	0	0	0	10-4/8	147
WD 0/0	1H	A26K1	1-01	H	QKLT S	QKLAT	2	1					6-2/8	148	
WD 0/0	1H	A13K1	1-02	H	QKLT S	QKLAT	2	2					6-4/8	148	
WD 0/0	1H	B07A1	1-03	C	QKLT S	M904 C								148	
WD 0/0	1H		1							0	0	0	0	12-6/8	148
WD 0/1	1H	A25L2	1-01	H	QKLT S	QKLAT	2	1					6-2/8	149	
WD 0/1	1H	A14L2	1-02	H	QKLT S	QKLAT	2	2					6	149	
WD 0/1	1H	A07Y1	1-03	C	QKLT S	M904 C								149	
WD 0/1	1H		1							0	0	0	0	12-2/8	149
WD 1/7	1H	A25K1	1-01	H	QKLT S	QKLAT	2	1					6-2/8	150	
WD 1/7	1H	A14K1	1-02	H	QKLT S	QKLAT	2	2					5-2/8	150	
WD 1/7	1H	A07V1	1-03	C	QKLT S	M904 C								150	
WD 1/7	1H		1							0	0	0	0	11-4/8	150
WD 2/6	1H	A24K2	1-01	H	QKLT S	QKLAT	2	1					6-2/8	151	
WD 2/6	1H	A13K2	1-02	H	QKLT S	QKLAT	2	2					4-6/8	151	
WD 2/6	1H	A07T1	1-03	C	QKLT S	M904 C								151	
WD 2/6	1H		1							0	0	0	0	11-0/8	151
WD 4/5	1H	A24L1	1-01	H	QKLT S	QKLAT	2	1					6-2/8	152	
WD 4/5	1H	A13L1	1-02	H	QKLT S	QKLAT	2	2					4-4/8	152	
WD 4/5	1H	A07S1	1-03	C	QKLT S	M904 C								152	
WD 4/5	1H		1							0	0	0	0	10-6/8	152
WD 8/4	1H	A23L2	1-01	H	QKLT S	QKLAT	2	1					6-2/8	153	
WD 8/4	1H	A12L2	1-02	H	QKLT S	QKLAT	2	2					4	153	
WD 8/4	1H	A07P1	1-03	C	QKLT S	M904 C								153	
WD 8/4	1H		1							0	0	0	0	10-2/8	153
WD A/3	1H	A23K2	1-01	H	QKLT S	QKLAT	2	1					6-2/8	154	
WD A/3	1H	A12K2	1-02	H	QKLT S	QKLAT	2	2					3-6/8	154	
WD A/3	1H	A07N1	1-03	C	QKLT S	M904 C								154	
WD A/3	1H		1							0	0	0	0	10-0/8	154

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RUN NAME

WRP288.V24D(6)-1 04-APR-72				8-MAY-72				15101		PAGE 9		RUN NUMBER			
A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW OPT	MODULE FLAG	TYPE	E	C	LOADING HIGH	LOW		AC EXTRA	LENGTH EXCEPTIONS	
WD B/2	1H	A23K1	1-01	H	QKLT S	QKLAT	2	1					6-2/8	155	
WD B/2	1H	A12K1	1-02	H	QKLT S	QKLAT	2	2					3-2/8	155	
WD B/2	1H	A07L1	1-03	C	QKLT S	M904 C								155	
WD B/2	1H		1							0	0	0	0	9-4/8	155
WD PARITY	1H	A25L1	1-01	H	QKLT S	QKLAT	2	1					6-2/8	156	
WD PARITY	1H	A14L1	1-02	H	QKLT S	QKLAT	2	2					5-4/8	156	
WD PARITY	1H	A07W1	1-03	C	QKLT S	M904 C								156	
WD PARITY	1H		1							0	0	0	0	11-6/8	156