

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

DRAWING DIRECTORY

CUSTOMER PRINT SET INDEX

THIS IS PRINT SET

SEQUENCE	
	DRAWING DIRECTORY
	TAPE DRIVE ASSY
	CONN PANEL ASSY
	POWER PANEL ASSY
	POWER PANEL ASSY (PL)
	MASTER LIST (TU1Ø)
	DRAWING INDEX
	TAPE TRANSPORT ASSY
	TAPE TRANSPORT ASSY (PL)
	Wire List (TU1ØA)
B-DD-TU1ØA-Ø	
D-UA-TU1ØA-Ø-Ø	
D-AD-7008795-Ø-0	
D-AD-7008887-0-0	
A-PL-7008887-0-0	
A-ML-TU1Ø-Ø-Ø	
D-DI-TU1Ø-Ø-Ø	
D-UA-TU1Ø-Ø-Ø	
C-PL-TU1Ø-Ø-Ø	
K-WL-TU1ØA-Ø-Ø	

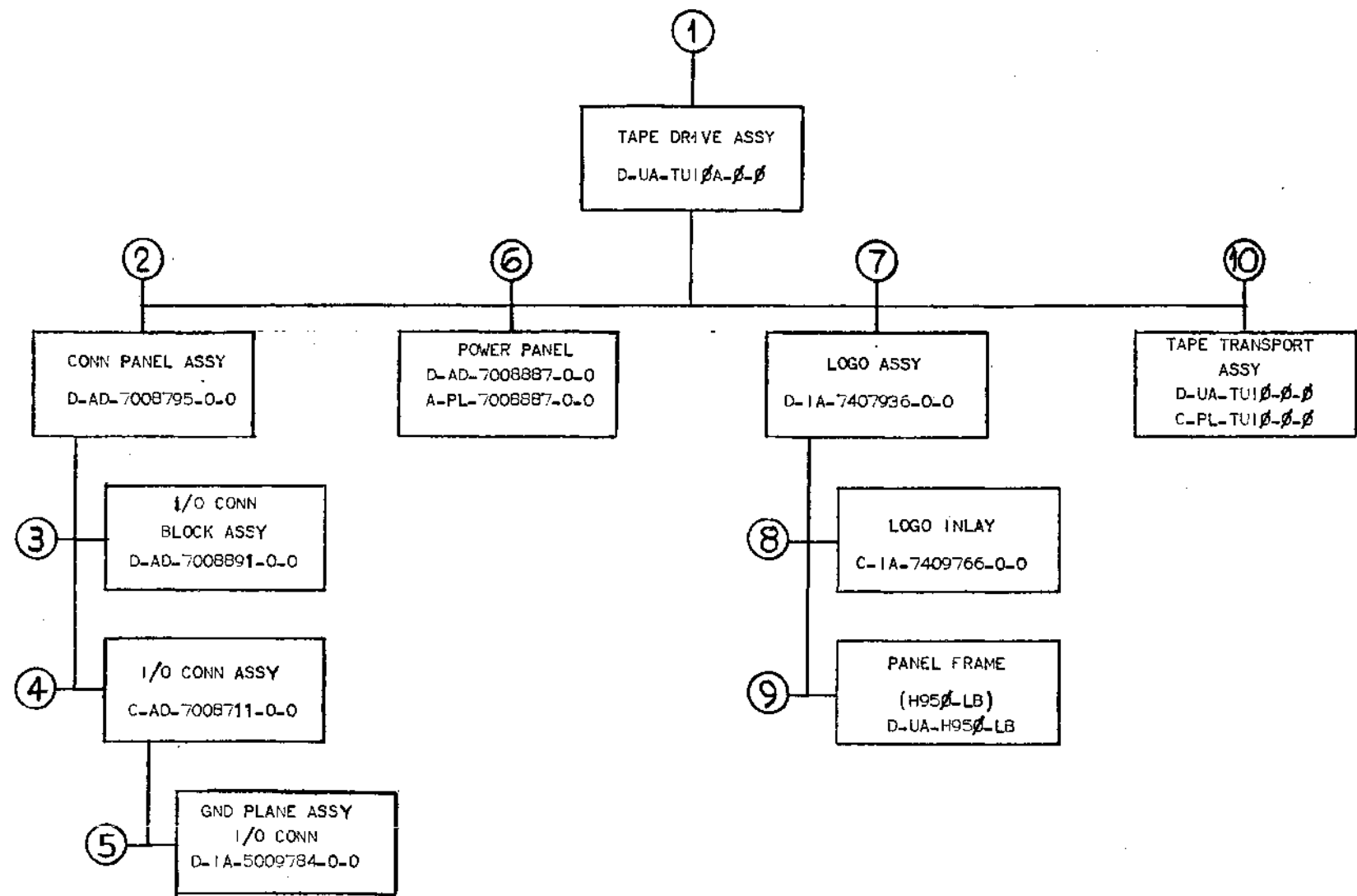
MFG SET

TAPE DRIVE ASSY	D-UA-TU1ØA-Ø-Ø
CONN PANEL ASSY	D-AD-7008795-0-0
POWER PANEL ASSY	D-AD-7008887-0-0
POWER PANEL ASSY (PL)	A-PL-7008887-0-0
LOGO ASSY	D-1A-7407936-0-0
MASTER LIST	A-ML-TU1Ø-Ø-Ø
DRAWING INDEX	D-DI-TU1Ø-Ø-Ø
TAPE TRANSPORT ASSY	D-UA-TU1Ø-Ø-Ø
TAPE TRANSPORT ASSY (PL)	C-PL-TU1Ø-Ø-Ø
OFF-LINE CHECKOUT PROCEDURE	A-SP-TU1ØA-Ø-1
ON-LINE CHECKOUT PROCEDURE	A-SP-TU1ØA-Ø-2
ACCEPTANCE TEST PROCEDURE	A-SP-TU1ØA-Ø-3
ACCESSORY LIST	A-SP-TU1ØA-Ø-4

VARIATION	TITLE	UNIT VARIATIONS				PRINT SET TYPE
		TU1ØA-Ø				
TU1ØA-EE	TAPE DRIVE ASSEMBLY 9 CHAN 6Ø HZ	X				
TU1ØA-EJ	TAPE DRIVE ASSEMBLY 9 CHAN 5Ø HZ	X				
TU1ØA-FE	TAPE DRIVE ASSEMBLY 7 CHAN 6Ø HZ	X				
TU1ØA-FJ	TAPE DRIVE ASSEMBLY 7 CHAN 5Ø HZ	X				

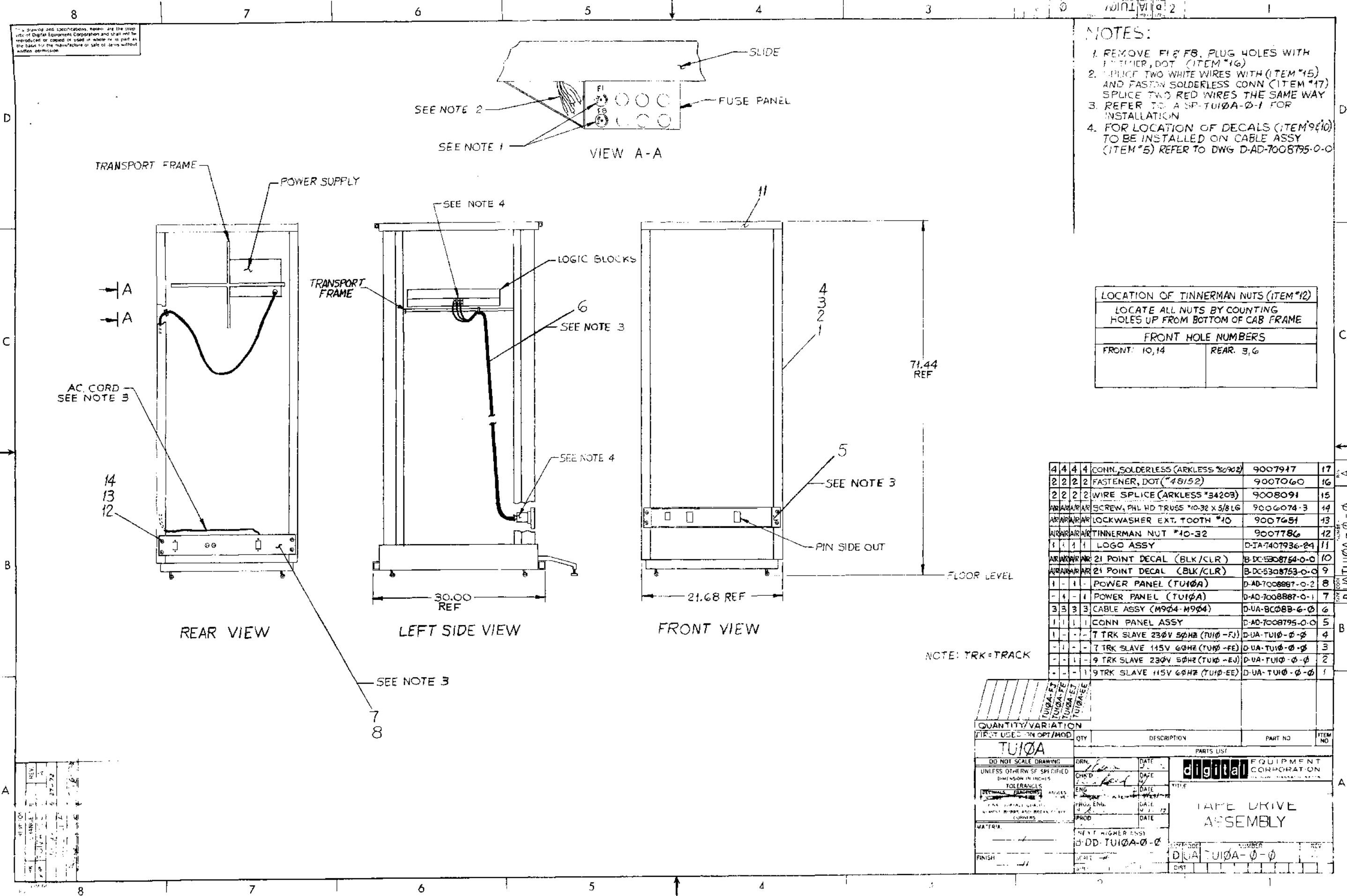
REVISION	DATE	CHG. NO.	REV
		6-1-72	TU1ØA-3	A
	8-72	TU1ØA-1	B

USED ON OPTION/MODEL	DRN. V. SOUZA	DATE 4/26/72	TITLE
TU1ØA	CHK'D. PBR	DATE 4/28/72	TAPE DRIVE ASSY
	PROJ ENG.	DATE 4-28-72	
	PRØD.	DATE	
	FIELD SERV.	DATE	
SHEET 1 OF 4	DIST	SIZE B DD	CODE TU1ØA-Ø
		NUMBER	REV B



TITLE	SHEET 2 OF 4	SIZE CODE	NUMBER	REV
TAPE DRIVE ASSEMBLY		B DD	TUIA-β	F

CUSTOMER PRINT SET					MECHANICAL					CUSTOMER PRINT SET													
TU10A-0					MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO.					MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO.	
					X	7.	D-1A-7407936-0-0			LOGO ASSEMBLY (TU10A)													
						8.	C-1A-7409766-0-0			LOGO INLAY (TU10A)													
							C-SS-7408766-0-1			SILK SCREEN													
							C-SS-7409766-0-2			SILK SCREEN													
							C-SS-7409766-0-3			SILK SCREEN													
						9.	D-UA-H950-LB			PANEL FRAME H950-LB	H950												
X						10.	D-UA-TU10-0-0		1	TAPE TRANSPORT ASSY	TU10-0												
X							C-PL-TU10-0-0			TAPE TRANSPORT ASSY (PL)													



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- NOTES:**
1. REMOVE FIBER, PLUG HOLES WITH FASTENER, DOT (ITEM #16)
 2. SPLICE TWO WHITE WIRES WITH (ITEM #15) AND FASTEN SOLDERLESS CONN (ITEM #17) SPLICE TWO RED WIRES THE SAME WAY
 3. REFER TO A SP-TU10A-0-1 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 30902)	9007917	17
2 2 2	FASTENER, DOT (#8/152)	9007060	16
2 2 2	WIRE SPLICE (ARKLESS #34203)	9008091	15
AR	SCREW, PHL HD TRUSS #10-32 X 5/8 LG	9006074-3	14
AR	LOCKWASHER EXT. TOOTH #10	9007651	13
AR	TINNEMAN NUT #10-32	9007786	12
1	LOGO ASSY	D-IA-7407936-24	11
AR	21 POINT DECAL (BLK/CLR)	B-DC-5308753-0-0	10
AR	21 POINT DECAL (BLK/CLR)	B-DC-5308753-0-0	9
1	POWER PANEL (TU10A)	D-AD-7008887-0-2	8
4	POWER PANEL (TU10A)	D-AD-7008887-0-1	7
3 3 3	CABLE ASSY (M904-M904)	D-UA-8C088B-6-0	6
1	CONN PANEL ASSY	D-AD-7008795-0-0	5
1	7 TRK SLAVE 230V 50HZ (TU10-FJ)	D-UA-TU10-0-0	4
1	7 TRK SLAVE 115V 60HZ (TU10-FE)	D-UA-TU10-0-0	3
1	9 TRK SLAVE 230V 50HZ (TU10-EJ)	D-UA-TU10-0-0	2
1	9 TRK SLAVE 115V 60HZ (TU10-EE)	D-UA-TU10-0-0	1

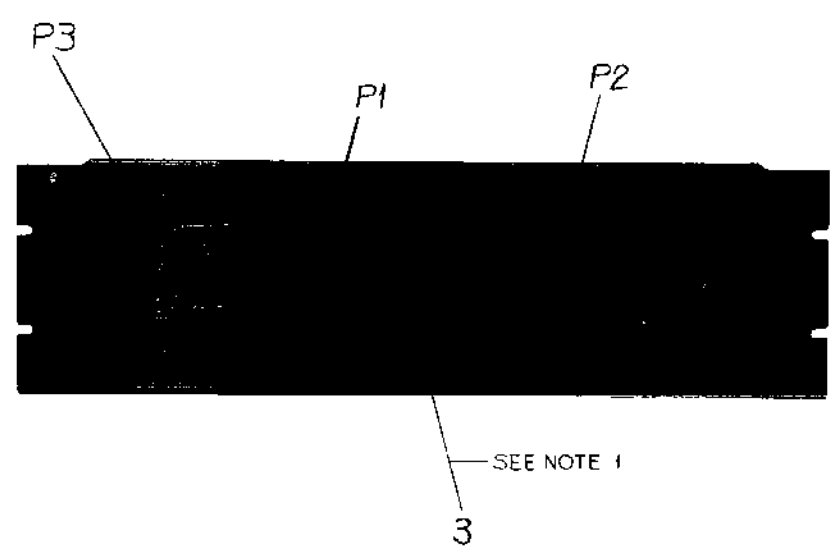
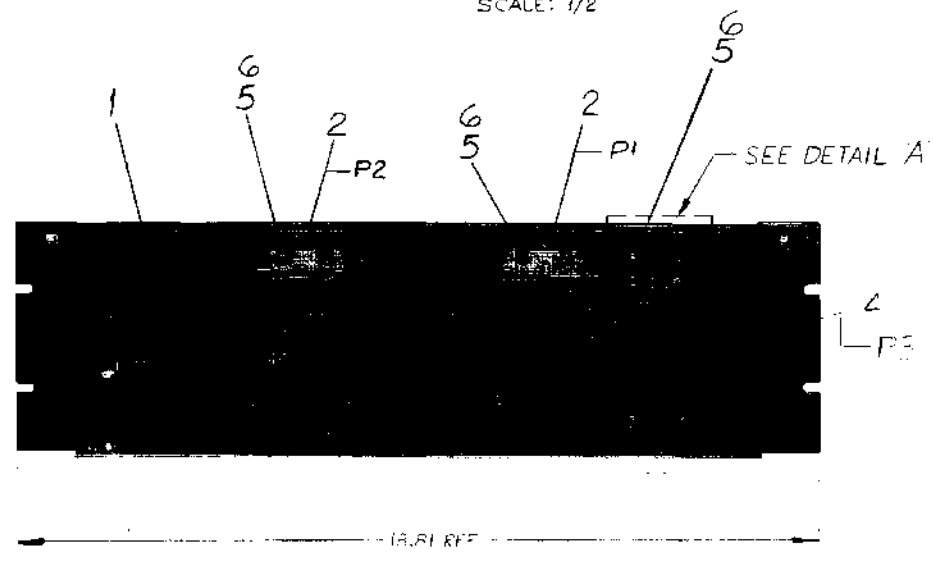
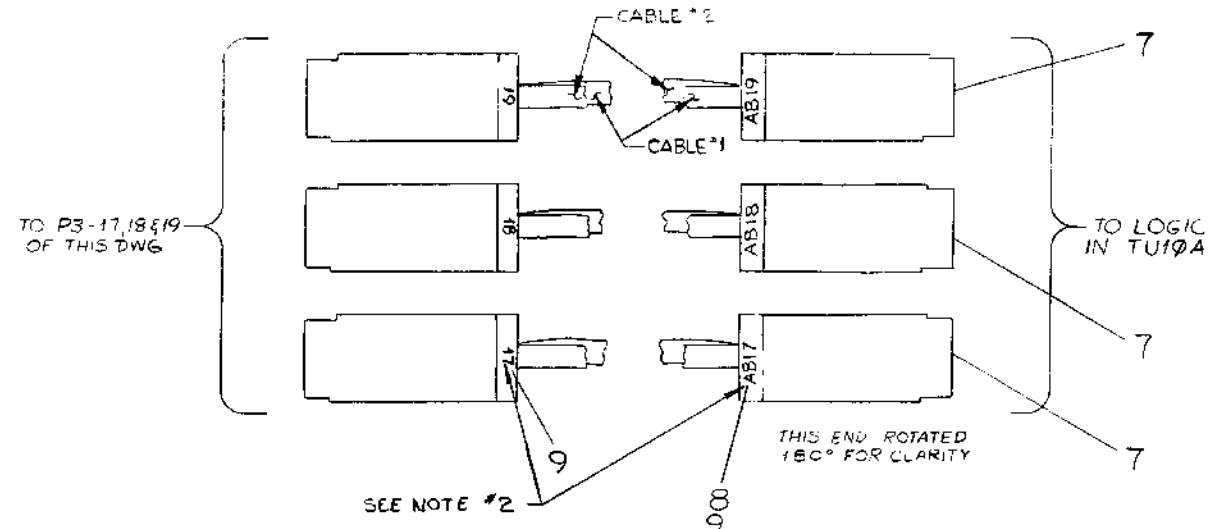
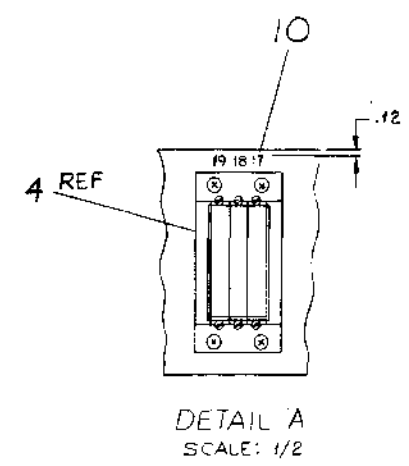
NOTE: TRK=TRACK

QUANTITY VARIATION		PARTS LIST																									
QUANTITY	DESCRIPTION	PART NO	ITEM NO																								
<table border="1"> <tr> <td>DO NOT SCALE DRAWING</td> <td>DRN</td> <td>DATE</td> <td></td> </tr> <tr> <td>UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES</td> <td>CHK'D</td> <td>DATE</td> <td></td> </tr> <tr> <td>TOLERANCES</td> <td>END</td> <td>DATE</td> <td></td> </tr> <tr> <td>DECIMALS FRACTIONS ANGLES</td> <td>PROD. ENG.</td> <td>DATE</td> <td></td> </tr> <tr> <td>PIN POINTS</td> <td>PROD. ENGR.</td> <td>DATE</td> <td></td> </tr> <tr> <td>ALWAYS SHOW DIMENSIONS ON CURVES</td> <td>PROD.</td> <td>DATE</td> <td></td> </tr> </table>				DO NOT SCALE DRAWING	DRN	DATE		UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	CHK'D	DATE		TOLERANCES	END	DATE		DECIMALS FRACTIONS ANGLES	PROD. ENG.	DATE		PIN POINTS	PROD. ENGR.	DATE		ALWAYS SHOW DIMENSIONS ON CURVES	PROD.	DATE	
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UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	CHK'D	DATE																									
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DECIMALS FRACTIONS ANGLES	PROD. ENG.	DATE																									
PIN POINTS	PROD. ENGR.	DATE																									
ALWAYS SHOW DIMENSIONS ON CURVES	PROD.	DATE																									
<p>digital EQUIPMENT CORPORATION</p> <p>TAPE DRIVE ASSEMBLY</p> <p>D-AD-TU10A-0-0</p>		<p>REV</p> <p>DUA-TU10A-0-0</p>																									

REV	DATE	DESCRIPTION
1	12-17-72	ISSUE FOR PRODUCTION

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- NOTES:**
- CONN P1 P2 & P3 ARE TO BE WIREWRAPPED ACCORDING TO TUIQA QKAT NUMERICAL CONTROL WIRE WRAP PROGRAM
 - M904 BOARDS ARE TO BE LABELED AS SHOWN (17, 18, 19 AB17, AB18 & AB19) USING ITEMS B & C, AT INSTALLATION. ALSO LABEL PANEL WHERE SHOWN IN DETAIL "A".
 - ASSEMBLE CONNECTORS P1 & P2 TO PANEL WITH ALIGNMENT FEATURE #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-8C086-6-0	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-TA-7409568-0-0	1	

FIRST USED ON OPTION/MODEL		DATE		PARTS LIST	
TUIQA		3-31-72		TITLE	
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DATE		CONTRACT NUMBER	
DECIMALS ANGLES		4-6-72		D AD 7008795-0-0	
XXX - .006	±0° 30'	DATE		REV.	
XX - .02		4-7-72		A	
X - .1		DATE		SCALE	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		4-6-72		1 OF 2	
MATERIAL		DATE		DIST	
NEXT HIGHER ASSY		4-11-72			
FINISH					

REF: US-DNS
CHG: CHANGE NO.
REV: REV
TUIQA-0001
REDRAWN & REVISED

REV A
D AD 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 8/2 (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
8/4 (1)	E1	T SET TAPE FUNCTION	17V2	7CH	P2
4/5 (1)	H1	RD 8/2 (1)	18B1	556 CLK	S2
2/6 (1)	J1	4/3 (1)	D1	8ØØ CLK	T2
1/7 (1)	L1	8/4 (1)	E1	READ SKEW OVER	18V2
PARITY	M1	4/5 (1)	H1	2ØØ DEN	19D2
8/1 (1)	P1	2/6 (1)	J1	556 DEN	E2
WD 8/8 (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	8/1 (1)	P1	TUR (B)	M2
SEL 1 (B)	H2	RD 8/8 (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

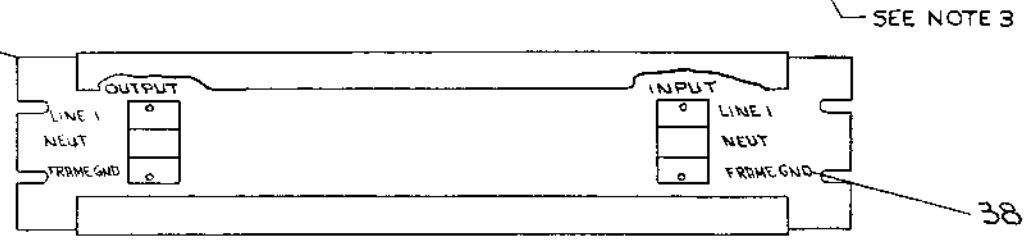
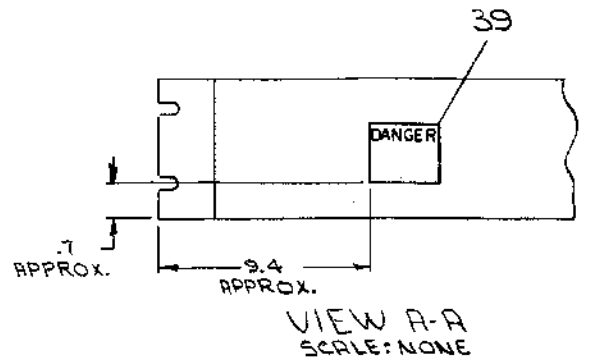
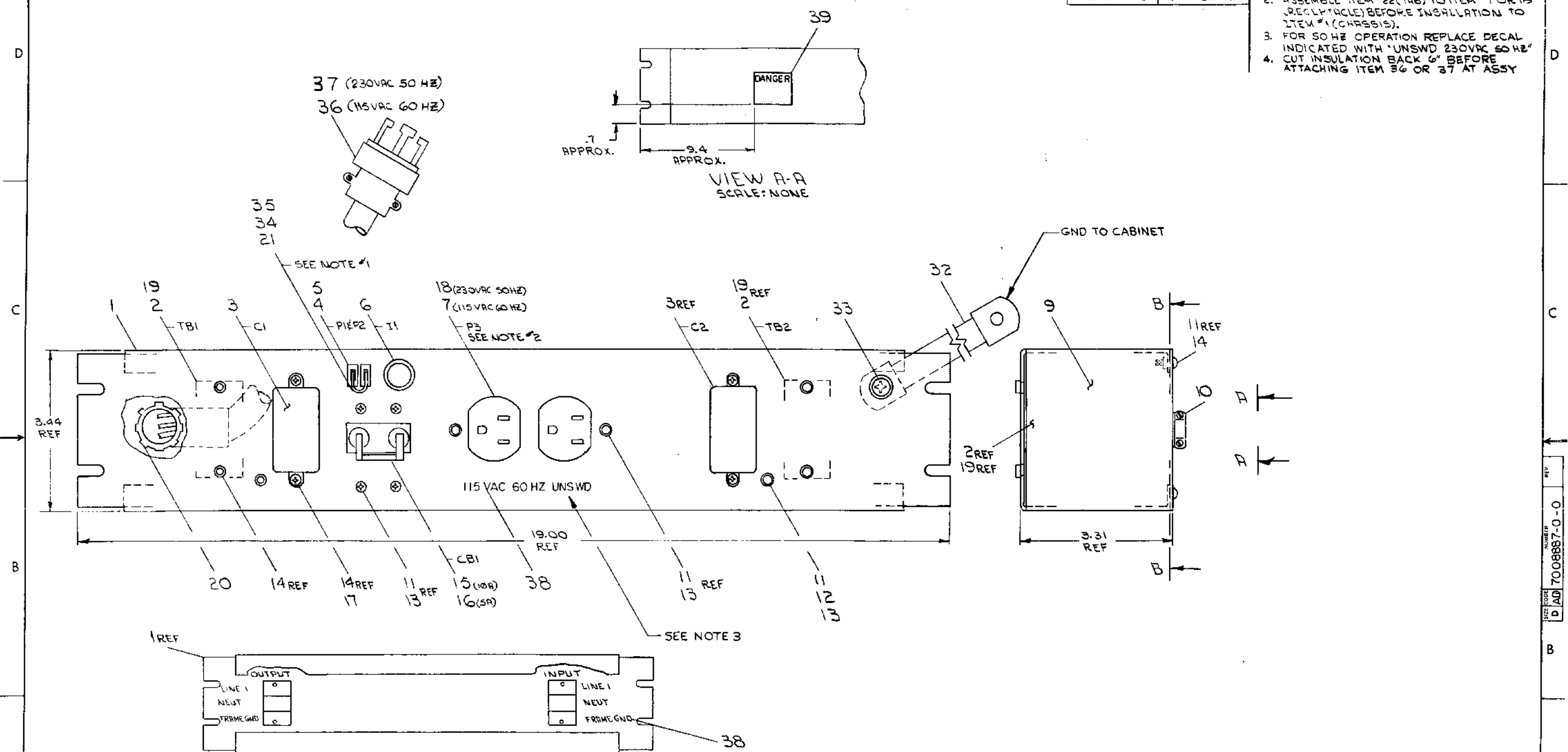
REV.	
CHK	

FIRST USED ON OPTION/MODEL TUIØA	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES	DRM <i>[Signature]</i>	DATE 2-31-72	digital EQUIPMENT CORPORATION NATAND MASSACHUSETTS	
DECIMALS .XXX - .005 ANGLES 10' 30'	CHK'D. <i>[Signature]</i>	DATE 4-6-72	TITLE CONN PANEL ASSY	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓	ENG. <i>[Signature]</i>	DATE 4-28-72	SIZE CODE DAD7008795-0-0	
MATERIAL	PROD.	DATE	NUMBER 7008795-0-0	
FINISH	NEXT HIGHER ASSY		REV A	
	SCALE	SHEET 2 OF 2	DIST	

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 (RECTANGLE) 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

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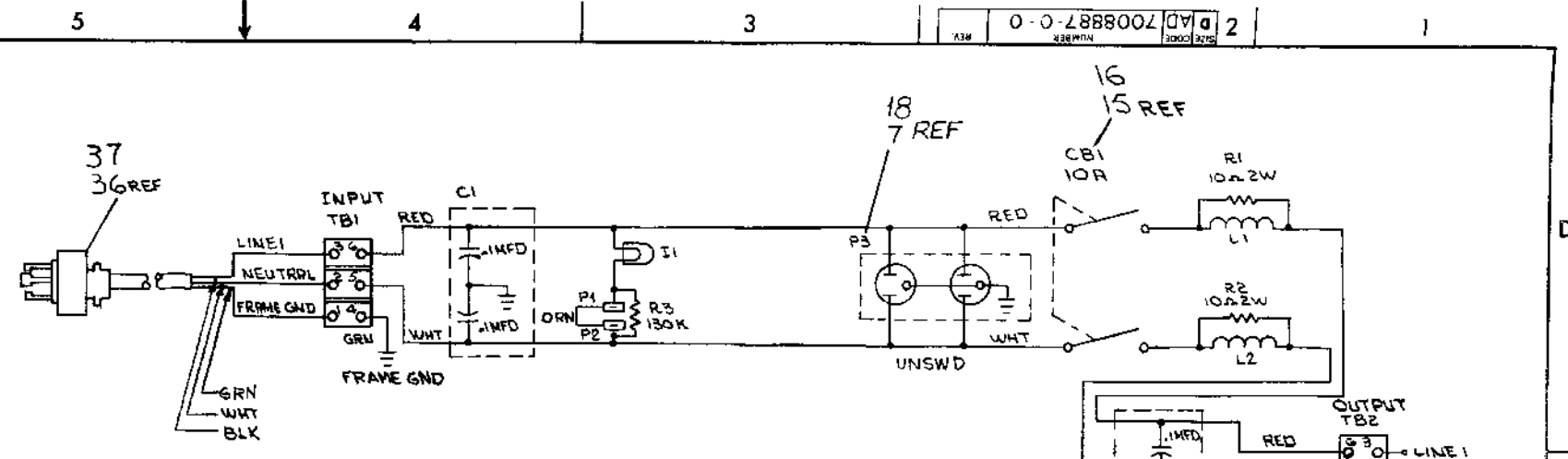
REV	CHANGE NO.	REVISIONS

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

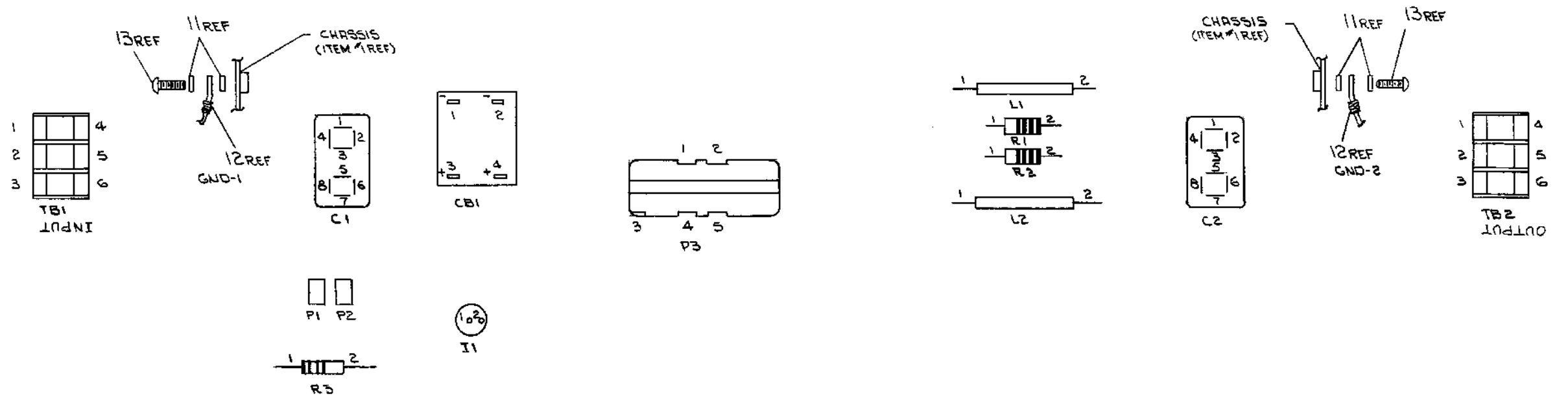
REV 001
D AD 7008887-0-0

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WIRE TABLE						
ITEM NO.	AWG	COLOR	FROM CONNECTION	TO CONNECTION	WTH	REMARKS
26	14	GRN	TB1-4	P3-3	2,22	SEE NOTE #2
26	14	GRN	TB1-4	GND-1	1,12	
24	14	WHT	TB1-5	C1-5	21	
25	14	RED	TB1-6	C1-4	21	
6	-	RED	C1-2	I1-2	-	
25	14	RED	CB1-4	P3-2	21	
24	14	WHT	C1-6	P1	50LD	
30	-	BLK	R3-1	P2	50LD	
6	-	BLK	I1-1	-	-	
24	14	WHT	CB1-1	L1-1	23,	
				R1-1	28	
25	14	RED	CB1-2	L2-1	23,	
				R2-1	28	
26	14	GRN	P3-3	TB2-1	21	SEE NOTE #2
24	14	WHT	P3-5	CB1-3	21	
29	-	BLK	R2-2	C2-8	P3	
31,24	-	WHT	L2-2	21	-	
31,25	14	RED	L1-2	23	23	
28	-	BLK	R1-2	21	-	
25	14	RED	C1-1	P3-1	21	
24	14	WHT	C1-8	P3-4	21	
25	14	RED	C2-2	TB2-3	21	
24	14	WHT	C2-8	TB2-2	21	
26	14	GRN	TB2-1	GND-2	1,12	
36	-	GRN	-	TB1-1	-	
		WHT	-	TB1-2	-	SEE NOTE #4
		BLK	-	TB1-3	-	
34	18	ORN	P1	P2	21,35	SEE NOTE #1



CIRCUIT DIAGRAM
 FOR 115V 60 HZ
 FOR 230V 50 HZ REMOVE ORN JUMPER & REPLACE ITEM 36 WITH ITEM 37, ITEM 15 WITH ITEM 16 & ITEM 7 WITH ITEM 18



REV	DATE
1	1/19/72
2	3/19/72
3	4/12/72

FIRST USED ON OPTION/MODEL	QTY	DESCRIPTION	PART NO.	ITEM NO.
TU10A				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES TOLERANCES	ORN	DATE 1/19/72	digital EQUIPMENT CORPORATION WATUARD MASSACHUSETTS	
DECIMALS ANGLES	CRK	DATE 3/19/72	TITLE POWER PANEL (TU10A)	
XXX - .005 .XX - .02	ENG	DATE 4/12/72	SIZE CODE NUMBER	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	PROD	DATE	D-UA-TU10A-0-0 D1AD 7008887-0-0	
MATERIAL	NEXT HIGHER ASSY.	SCALE NONE	REV.	
FINISH	SHEET 2 OF 2	DIST 16		

PART NUMBER
 D1AD 7008887-0-0

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. WHF				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-FA	TU10-EB	TU10-EC	TU10-ED	TU10-EE	TU10-EL	TU10-EM	TU10-EN	TU10-EA	TU10-EB	TU10-EC	TU10-ED	TU10-EE	TU10-EL	TU10-EM	TU10-EN
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.	REV.	DATE	CHG. NO.	APP'D.	REV.	DATE	CHG. NO.	APP'D.
A	5/71	00036	J.B.	DRN.	2-17-			DRN.	2-17-		
B	5/71	00037	J.B.	CHK'D	2-18-			CHK'D	2-18-		
C	5/71	00042	J.B.	ENG	2-18-			ENG	2-18-		
D	7/71	00044	J.B.	PROG	2-18-			PROG	2-18-		
E	7/71	00045	J.B.	PROD	2-19-71			PROD	2-19-71		
F	7/71	00047	J.B.	FIRST USED ON				FIRST USED ON			
G	8/71	00049	J.B.								
H	8/71	00050	J.B.								
I	12/71	00054	J.B.								
J	2/72	00055	J.B.								
K	2/72	00056	J.B.								
L	2/72	00057	J.B.								
M	7/72	00064	J.B.								
N	7/72	00065	J.B.								
O	7/72	MISC-94	R.B.								
P	1/73	TU10-68	J.B.								
Q	3/73	TU10-72	J.H.								
R	4/73	TU10-74	J.B.								

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

TITLE
TU10 TAPE TRANSPORT

SIZE CODE NUMBER REV
A ML TU10-0 W

SHEET 1 OF 4 DIST

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	-	D-BS-TU10-0-12	A	2	MASTER BUS DRIVERS & INTERCONNECTIONS	
X	-	D-CS-M7672-0-1	#	2	COMMAND BUFFERS (TU13)	
X	-	D-CS-M891-0-1	#	2	CRC & WRITE GATING (TU14)	
X	-	D-CS-M895-0-1	#	2	READ TIMING (TU15)	
X	-	D-CS-M892-0-1	#	2	GAP TIMING & READ PARITY (TU16)	
X	-	D-CS-M7673-0-1	#	2	DATA CHECKER (TU17)	
X	-	A-PL-TU10-0-18	A	2		
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-W-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

PRINT SET					DWG. NO.	REV. LET.	NO. OF SHEETS	TITLE	OPTION NO.		
TU10-M	TU10-S										
X	X				A-PL-H730-0-0	#	4	H730 POWER SUPPLY ASSY	H730		
X	X				D-DI-H730-0-2	#		DRAWING INDEX	H730		
X	X				D-AD-7006756-0-0	#	8	TRANSPORT ASSY			
X	X				A-PL-7006756-0-0	#	8	TRANSPORT ASSY PARTS LIST			
X	X				D-AD-7006757-0-0	#	2	CONTROL BOX ASSY			
X	X				A-PL-7006757-0-0	#	2	CONTROL BOX ASSY (PL)			
X	X				D-AD-7006743-0-0	#	1	UNIT DOOR ASSY			
X	X				A-PL-7006743-0-0	#	2	UNIT DOOR ASSY (PL)			
X	X				C-AD-7006754-0-0	#	1	LOGIC ASSY			
X	X				A-PL-7006754-0-0	#	1	LOGIC ASSY (PL)			
X	X				A-SP-TU10-0-19	#	5	TU10 ACCEPTANCE CRITERIA			
X	X				A-AL-TU10-0-21	#	1	ACCESSORY LIST			
X	X				D-CS-G151-1-1	#	1	DUAL GAP HEAD READ AMP.			
X	X				D-CS-G062-1-1	#	1	MAG TAPE COMPRESSOR, 9 TRACK			
X	X				D-CS-G062-1-1	#	1	MAG TAPE PEAK DETECTOR, 9 TRACK			
X	X				D-CS-G164-1-1	#	1	MAG TAPE SLICER 9 TRACK			
X	X				D-CS-G351-1-1	#	1	MAG TAPE WRITE DRIVER			
X	X				D-CS-G937-1-1	#	1	CAPSTAN SERVO PRE AMP			
X	X				D-CS-G933-1-1	#	1	REEL MOTOR AMP.			
X	X				D-CS-G934-1-1	#	1	BRAKE LOGIC			
X	X				D-CS-G934-1-1	#	1	BRAKE ACTUATOR			
X	X				D-CS-M514-1-1	#	1	TU10 TRANSCIVER			
X	X				D-CS-M767-1-1	#	1	9 TRACK WRITE BUFFER			
X	X				D-CS-M765-1-1	#	1	9 TRACK READ BUFFER			
X	X				D-CS-M767-1-1	#	1	CLOCK & SKEW DELAY			
X	X				D-CS-M768-1-1	#	1	DELAY SELECTOR			
TITLE					TAPE TRANSPORT ASSY			SIZE	CODE	NUMBER	REV.
					SHEET 3 OF 4			A	ML	TU10-0	W

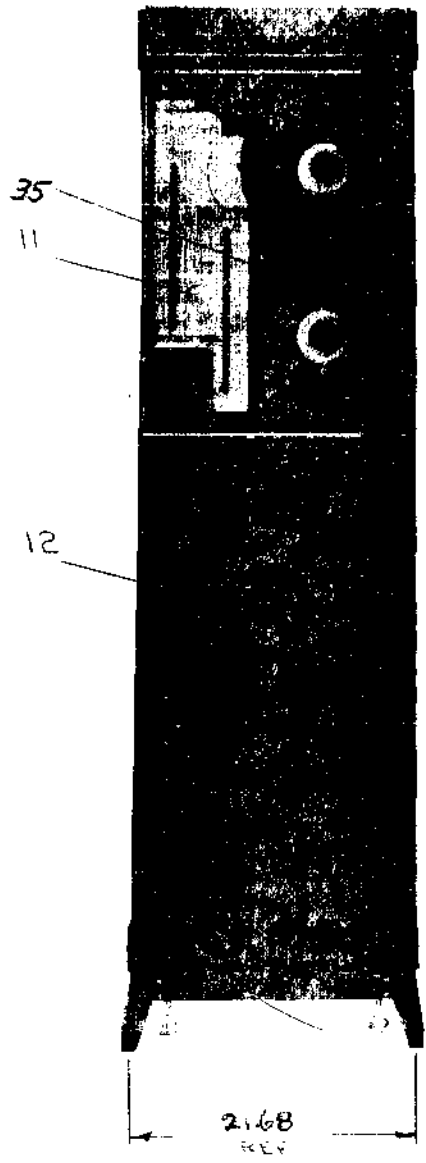
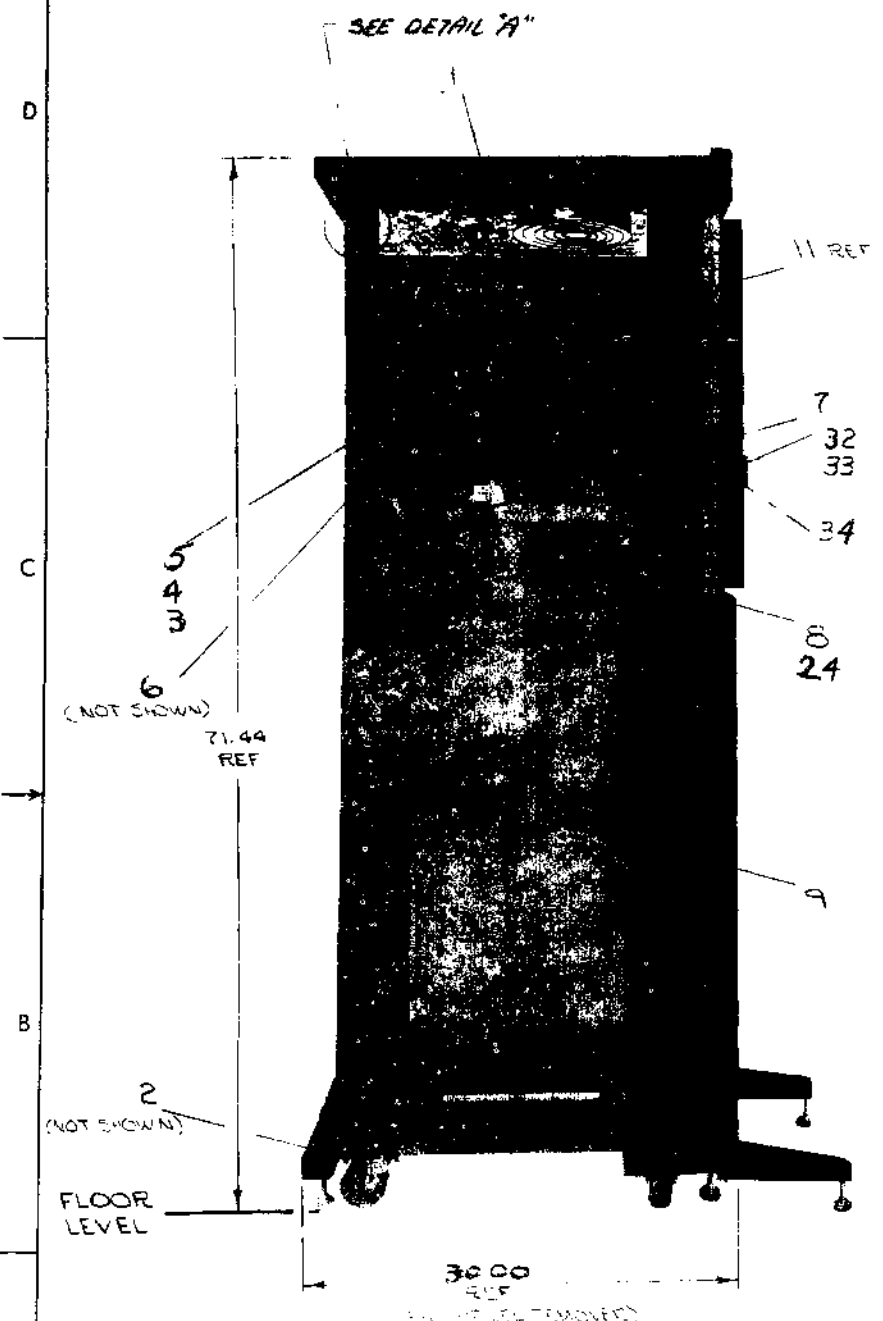
DRA 132

PRINT SET					DWG. NO.	REV. LET.	NO. OF SHEETS	TITLE	OPTION NO.		
TU10-M	TU10-S										
X	X				D-CS-M769-1-1	#	1	FUNCTION CONTROL			
X	X				D-CS-M898-1-1	#	1	MOTION CONTROL			
X	X				D-CS-M767-1-1	#	1	FORWARD B.O.T. TIMER			
X	X				D-CS-H603-1-1	#	1	CAPSTAN SERVO POWER AMPLIFIER			
X	X				D-CS-W726-1-1	#	1	SWITCH FILTER			
X	X				C-CS-5408924-0-1	#	1	POWER CONTROL	H730		
X	X				D-CS-5408928-0-1	#	1	VOLTAGE REGULATOR	H730		
X	X				B-CS-G741-1-1	#	1	NEG CLAMP LOAD			
X	-				D-CS-M640-1-1	#	1	MASTER INTERFACE BUS DRIVER			
X	-				D-CS-M767-1-1	#	1	MASTER SLAVE BUS DRIVER			
X	-				D-CS-N111-1-1	#	1	SLAVE MASTER BUS DRIVER			
X	-				D-CS-M896-1-1	#	1	CRC CHECKER			
TITLE					TAPE TRANSPORT ASSY			SIZE	CODE	NUMBER	REV.
					SHEET 4 OF 4			A	ML	TU10-2	W

DRA 132

DEC 16 (325)-1048-1-N471

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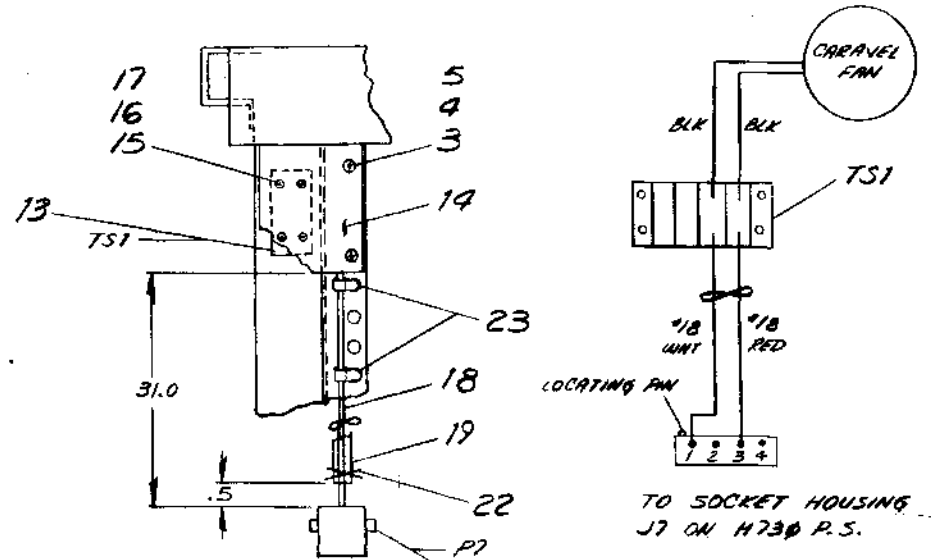


LEGEND	
NUMBER	VARIATION
TUIO-EA	9 TRK MASTER 115V 60 HZ
TUIO-EB	9 TRK MASTER 230V 60 HZ
TUIO-EC	9 TRK MASTER 115V 50 HZ
TUIO-ED	9 TRK MASTER 230V 50 HZ
TUIO-EF	9 TRK SLAVE 115V 60 HZ
TUIO-EF	9 TRK SLAVE 230V 60 HZ
TUIO-EH	9 TRK SLAVE 115V 50 HZ
TUIO-EJ	9 TRK SLAVE 230V 50 HZ
TUIO-FA	7 TRK MASTER 115V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

NOTE: TRK=TRACK

NOTES
 1. TYPE OF LOGO (ITEM 10) IS TO BE DETERMINED BY SYSTEM REQUIRING TUIO UNIT.
 2. FOR PARTS LIST REFER TO C-PL TUIO-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:



DETAIL 'A'
REAR SUPPORT FRAMESIDE

REV	DESCRIPTION	DATE
1
2
3
4
5
6
7
8

QTY.	DESCRIPTION	PART NO.	ITEM NO.

PARTS LIST			
FIRST USED ON OPTION / MODEL TUIO	DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES ANGLES FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	DATE 31 Dec 70 DATE 2/18/71 DATE 2/18/71 DATE 2-23-71	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS
TITLE TAPE TRANSPORT TUIO			REV.
SCALE NONE	SHEET 1	OF 1	NUMBER DUA TUIO-0-0

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ITEM NO.	PART NO.	DESCRIPTION	DIMENSIONS															
			PA-6	PD-7	PC-8	PD-9	PE-10	PF-11	PG-12	PH-13	PI-14	PJ-15	PK-16	PL-17	PM-18	PN-19	PO-20	
1	C-PL-700651-2A-D	BASIC CAB. ASSEMBLY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
2	D-UA-H950-BA-C	FULL LENGTH DOOR H950-BA	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		
4	9007657	LOCK WASHER #10 EXT. TOOTH	18	18	18	18	18	18	18	18	18	18	18	18	18	18		
5	9007256	TINNERMAN NUT #10-32	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		
7	D-IA-7408593-0-0	MODULE HOLD DOWN BAR	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
8	D-MU-FU16-1-18	MODULE UTILIZATION	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
9	D-PA-H952-AA-A	EYE PANELS, H952-AA	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
10	D-IA-7407349-0-0	PANEL, LOGO ***	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
11	D-AD-7006756-1-0	TRANSPORT ASSY 1 TRACK 115V 60 HZ	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
12	D-AD-7006756-2-0	TRANSPORT ASSY 2 TRACK 230V 60 HZ	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
13	D-AD-7006756-3-0	TRANSPORT ASSY 3 TRACK 115V 50 HZ	-	-	1	-	-	-	-	-	-	-	-	-	-	-		
14	D-AD-7006756-4-0	TRANSPORT ASSY 4 TRACK 230V 50 HZ	-	-	-	1	-	-	-	-	-	-	-	-	-	-		
15	D-AD-7006756-5-0	TRANSPORT ASSY 5 TRACK 115V 60 HZ	-	-	-	-	1	-	-	-	-	-	-	-	-	-		
16	D-AD-7006756-6-0	TRANSPORT ASSY 6 TRACK 230V 60 HZ	-	-	-	-	-	1	-	-	-	-	-	-	-	-		
17	D-AD-7006756-7-0	TRANSPORT ASSY 7 TRACK 115V 50 HZ	-	-	-	-	-	-	1	-	-	-	-	-	-	-		
18	D-AD-7006756-8-0	TRANSPORT ASSY 8 TRACK 230V 50 HZ	-	-	-	-	-	-	-	1	-	-	-	-	-	-		
19	D-AD-7006756-9-0	TRANSPORT ASSY 9 TRACK 115V 60 HZ	-	-	-	-	-	-	-	-	1	-	-	-	-	-		
20	D-AD-7006756-10-0	TRANSPORT ASSY 10 TRACK 230V 60 HZ	-	-	-	-	-	-	-	-	-	1	-	-	-	-		
21	D-AD-7006756-11-0	TRANSPORT ASSY 11 TRACK 115V 50 HZ	-	-	-	-	-	-	-	-	-	-	1	-	-	-		
22	D-AD-7006756-12-0	TRANSPORT ASSY 12 TRACK 230V 50 HZ	-	-	-	-	-	-	-	-	-	-	-	1	-	-		
23	D-UA-H950-JD-0	MIDDLE DOORS, H950-JD	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
24	9006988	TERMINAL STRIP #4-141 CINCH JONES	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
25	C-MD-7407657-0-0	PLATE, JONES STRIP	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
26	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		
27	9007649	WASHER EXT TOOTH #6	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
28	9006560	KEPS NUT #6-32	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
29	9107430-29	WIRE #18 AWG TWP RED & WHT	A/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R		
30	9107243	TUFING ASTRA SUPLEX #1 BLK	A/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R		
31	1209373	CONTACT #60620-1 AMP	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
32	1209310-03	CONN #1-480305-0 MATE-N-LOCK	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
33	9007031	TIEWRAP SST-18 PANDUIT	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
34	9007867	PUSH MOUNT #PM2425M PANDUIT	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
35	D-AD-7005501-1-0	FRANK ASSY	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
36	1209311-03	MADE MATE-N-LOCK	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
37	1209350-03	FEMALE MATE-N-LOCK	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
38	1209348-01	MALE PIN	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
39	1209379-01	SPRING PIN	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
40	9007880	PIE WAFER	A/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R		
41	9107430-09	PIE WAFER 2ND PLY	A/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R	RA/R		
42	1209351-04	CONN 4PIN MATE-N-LOCK	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
43	C-IA-7409373-0-0	SPECIAL LOGO (TU10 9CH)	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
44	C-IA-7409294-0-0	SPECIAL LOGO (TU10 7CH)	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
45	1210682	UNIVERSAL NAMEPLATE	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
46	9008294	CLIP, TINNERMAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
47	BC08A-10	MYLAR CABLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
48	BC08C-10	MYLAR CABLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
49	BC08N-10	ROUND COAX CABLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
50	BC08P-10	ROUND COAX CABLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

REV.	CHANGE NO.	DESCRIPTION
A	1	TU10-0-0
B	1	REVISIONS
C	1	REVISIONS
D	1	REVISIONS
E	1	REVISIONS

FIRST USED ON OPTION #00FL

SEE ACCESSORY LIST FOR QUANTITIES

ONLY USED ON FREE STANDING CABINETS

TYPE OF LOGO TO BE DETERMINED BY SYSTEM USING TU10

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

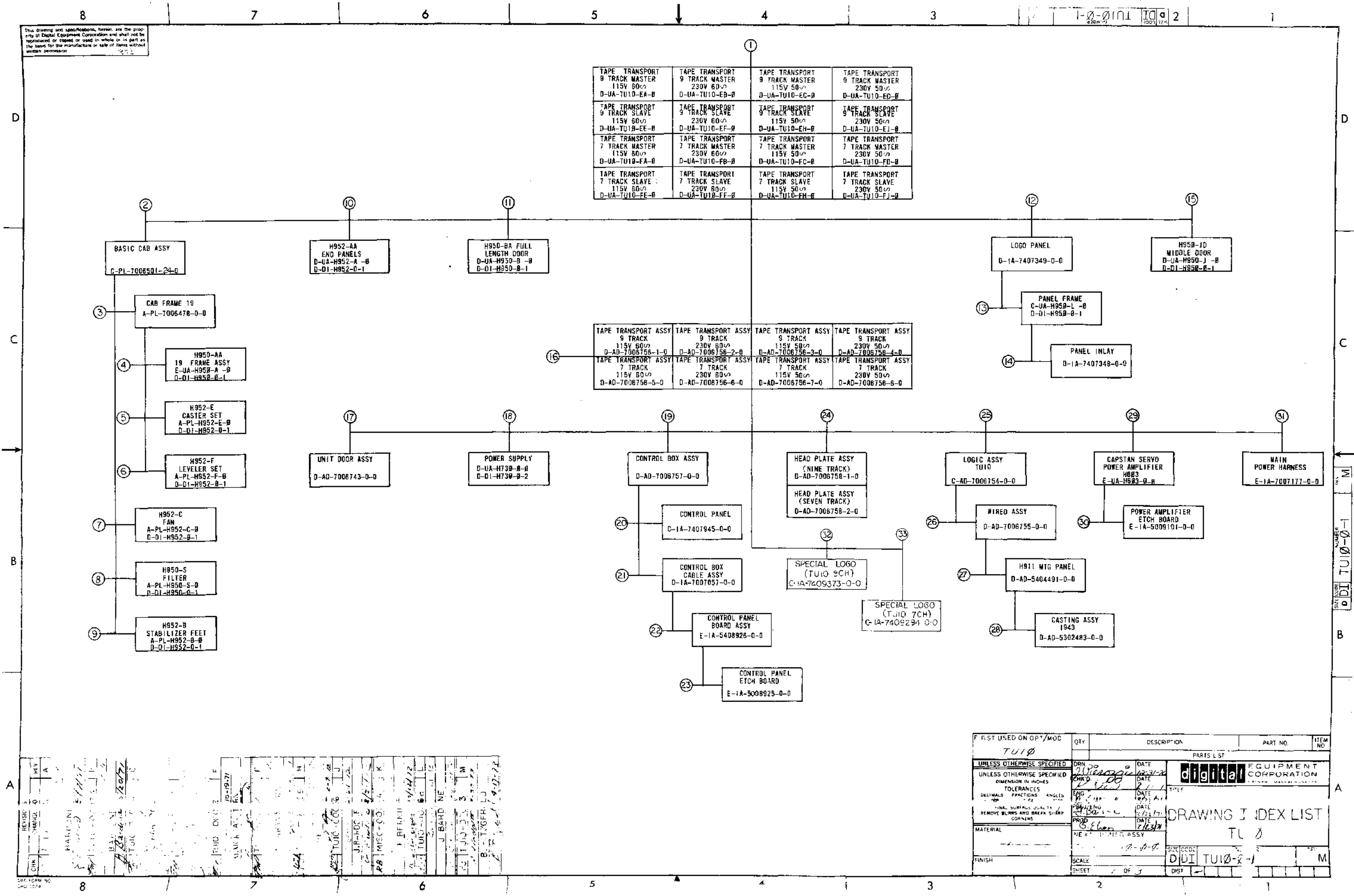
digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE: TAPE TRANSPORT TU10

SIZE CODE: C PL NUMBER: TU10-0-0 REV: E

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1-0-0101 ID 2



REV	DATE	BY	CHKD	DESCRIPTION
1	10-19-77	JK	JK	MARK AT 1
2				
3				
4				
5				
6				
7				
8				

REV	DATE	BY	CHKD	DESCRIPTION
1	10-19-77	JK	JK	MARK AT 1
2				
3				
4				
5				
6				
7				
8				

digital EQUIPMENT CORPORATION
DRAWING INDEX LIST
TU 0
D DI TU10-0-1

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MECHANICAL				DEPT USAGE				MECHANICAL				DEPT USAGE				MECHANICAL				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'S TUIO TAPE TRANSPORT ASSY'S (PL) HOLD DOWN BAR SINGLE BAR CUSHIONED CRATING UNIVERSAL NAMEPLATE	D-UA-TUIO-B-0 C-PL-TUIO-B-0 D-01-7408593-0-0 A-PS-1210682		15.	H950-JO MIDDLE DOOR H950-JO MIDDLE DOOR ASSY DWG INDEX H950	D-UA-H950-JO-B A-PL-H950-JO-Z D-01-H950-B-1		17.	DOOR BUTTON DOOR STOP LATCH PLATE SHOCK CLAMP WINDOW CLAMP WINDOW DOOR STOP BLOCK UNIT DOOR DOOR FOAM BLOCK, DOOR STOP	A-MD-7407970-0-0 A-MD-7407978-0-0 B-IA-7407974-0-0 A-MD-7407975-0-0 A-MD-7407977-0-0 B-MD-7407984-0-0 A-MD-7407940-0-0 D-MD-7408003-0-0 B-MD-7408074-0-0 B-PS-1210367-0-0		25.	LOGIC ASSY LOGIC ASSY (PL) POWER END PLATE LEFT END PANEL	C-AD-1006754-0-0 A-PL-1006754-0-0 C-IA-5404490-0-0 C-MD-53082485-0-0									
2.	BASIC CAB ASSY KICK PLATE SHIPPING SKID CUSHIONED FRAME MTS DOOR ASSY FILLER STRIP, FRONT FILLER STRIP, REAR BUSHING, PIVOT PIN, DOOR RETAINER PIN, DOOR PIN, DOOR	C-PL-7006501-0-0 C-MD-7408782-0-0 C-PS-210568-0-0 E-MD-7406705-0-0 C-IA-7406740-0-0 C-IA-7406749-0-0 B-MD-7406702-0-0 B-MD-7406703-0-0 B-MD-7406704-0-0 B-MD-7406707-0-0 B-MD-7406708-0-0		16.	TAPE TRANS ASSY 7 AND 9 TRACK TAPE TRANSPORT ASSY (PL) DOOR CATCH CLIP DOOR STOP DECK PLATE (CAST) DECK PLATE (MACH) DECK FRAME VACUUM CHANNEL COVER SENSOR BRKT LOGIC BRACKET ROLLER CLAMP	D-AD-7006756-0-0 A-PL-7006756-0-0 A-MD-7407973-0-0 B-MD-7407951-0-0 E-SC-1209871-0-0 E-IA-7407991-0-0 D-IA-7407989-0-0 C-IA-7407990-0-0 B-MD-7407954-0-0 C-MD-7407992-0-0 B-MD-7407960-0-0 C-SC-1209882-0-0 C-MD-7407957-0-0 D-MD-7407958-0-0 D-MD-7407962-0-0 D-MD-7407963-0-0 C-MD-7407967-0-0 E-SC-1209874-0-0 E-MD-7407988-0-0 C-MD-7407987-0-0 C-SC-1209875-0-0 C-MD-7407988-0-0 A-MD-7407995-0-0 A-MD-7407994-0-0 B-IA-7407966-0-0 B-MD-7408002-0-0 B-IA-7407993-0-0 D-SC-1209918-0-0 D-SC-1209919-0-0 D-MD-7407969-0-0 B-IA-7407929-0-0 B-MD-7407965-0-0 C-SC-1209872-0-0 C-MD-7407979-0-0 C-SC-1209873-0-0 C-MD-7407980-0-0 B-MD-7407982-0-0 B-MD-7407983-0-0 A-MD-7407984-0-0 B-MD-7407998-0-0 C-MD-7407997-0-0 C-SC-1209212-0-0 B-MD-7408481-0-0 A-PL-3700044-0-0 B-MD-7409176-0-0 B-MD-9605480-0-0 B-MD-9605484-0-0 B-MD-9605493-0-0 C-IA-9605481-0-0 D-AD-9305187-0-0 B-MD-9605606-0-0 C-MD-7409603-0-0 B-MD-7409602-0-0		19.	CONTROL BOX ASSY CONTROL BOX ASSY (PL) CONTROL BOX PANEL SUB PLATE DIGI SWITCH BRKT EGG CRATE PANEL CLIP EGG CRATE	D-AD-7006757-0-0 A-PL-7006757-0-0 D-IA-7407942-0-0 C-MD-7407941-0-0 A-MD-7407936-0-0 D-MD-7407937-0-0 C-IA-7408000-0-0 D-PS-1210366-0-0		27.	H911 MOUNTING PANEL ASSY H911 MOUNTING PANEL ASSY 268 PIN BLOCK H903	D-AD-5404491-0-0 A-PL-5404491-0-0 E-SC-1205348-0-0									
3.	CAB FRAME ASSY 19	A-PL-7006478-0-0						20.	CONTROL PANEL CONTROL PANEL SILK SCREEN CONTROL PANEL SILK SCREEN	C-IA-7407945-0-0 B-SS-7407945-0-1 B-SS-7407945-0-2		29.	CAPSTAN SERVO POWER AMPLIFIER POWER AMPLIFIER MTG BRKT	E-IA-H983-B-B C-MD-5509026-0-0									
4.	H950-AA FRAME ASSY H950-AA FRAME ASSY (PL) DWG INDEX H950	E-IA-H950-A-B A-PL-H950-A-B D-01-H950-B-1						21.	CONTROL BOX CABLE ASSY	D-IA-7007057-0-0		30.	POWER AMPLIFIER ETCH BD PRINTED CIRCUIT	E-IA-5009101-0-0 PC-5009101-0-0									
5.	CASTER SET H952-E DWG INDEX H952	A-PL-H952-E-B D-01-H952-B-1						22.	CONTROL PANEL BD ASSY	E-IA-5408826-0-0		31.	MAIN POWER HARNESS POWER CABLE	E-IA-1007177-0-0 D-IA-7007250-0-0									
6.	H952-F LEVELER SET DWG INDEX H952	A-PL-H952-F-B D-01-H952-B-1						23.	CONTROL PANEL ETCH BD PRINTED CIRCUIT	E-IA-5008925-0-0 PC-5008925-0-0		32.	SPECIAL LOGO (TUIO 9CH) SILK SCREEN	C-IA-7409373-0-0 A-SS-7409373-0-1									
7.	H952-C FAN DWG INDEX H952	A-PL-H952-C-B D-01-H952-B-1						24.	HEAD PLATE ASSY 7 AND 9 TRACK HEAD PLATE ASSY (PL)	D-AD-7006758-0-0 A-PL-7006758-0-0		33.	SPECIAL LOGO (TUIO 7CH) SILK SCREEN	C-IA-7409294-0-0 A-SS-7409294-0-1									
8.	H950-S FILTER DWG INDEX H950	A-PL-H950-S-B D-01-H950-B-1																					
9.	H952-B STABILIZER FEET DWG INDEX H952	A-PL-H952-B-B D-01-H952-B-1																					
10.	H952-AA END PANEL H952-AA END PANEL (PL) DWG INDEX H952	D-UA-H952-A-B A-PL-H952-A-B D-01-H952-B-1																					
11.	H950-BA FULL LENGTH DOOR H950-BA FULL LENGTH DOOR DWG INDEX H950	D-UA-H950-B-B A-PL-H950-B-B D-01-H950-B-1																					
12.	LOGO PANEL ASSY	D-IA-7407340-0-0																					
13.	H950-LA PANEL FRAME H950-LA PANEL FRAME (PL) H950 DRAWING INDEX	C-UA-H950-L-B A-PL-H950-L-B D-01-H950-B-1																					
14.	PANEL INLAY	C-IA-7407340-0-0		17.	UNIT DOOR ASSY UNIT DOOR ASSY (PL) DOOR SUPPORT DOOR LATCH	D-AD-7006743-0-0 A-PL-7006743-0-0 B-MD-7407971-0-0 B-MD-7407972-0-0																	

REVISIONS

REV.	CHG.	NO.	DESCRIPTION	DATE
1				

FIRST USED ON OPTION/MODEL

11

DATE

11/17/71

DATE

11/17/71

DATE

2/22/71

DATE

2/22/71

DATE

2/22/71

DATE

2/22/71

DIGITAL EQUIPMENT CORPORATION

MAYNARD, MASSACHUSETTS

DRAWING INDEX LIST

TUIO

SIZE CODE: **D/DI TUIO-0-1** NUMBER: **M** REV: **M**

SCALE: **1 1** SHEET: **2** OF **3** DST.

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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-TUI0-0-11 D-BS-TUI0-0-12 D-MJ-TUI0-0-18 A-PL-MJ-TUI0-0-18 A-SP-TUI0-0-19 A-SP-TUI0-0-20 A-AL-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 CONT	CLAMP ROLLER SHAFT ANGLE SHAFT, SOLENOID BRACE, COVER HINGE, 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-E																	
						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-6408926-0-0																	
						26.	WIRED ASSY WIRED ASSY (PL)	D-AD-7006755-0-0 A-PL-7006755-0-0																	

A REVISION CHANGE CHK	FIRST USED ON OPTION/MODEL	DRN PLE022	DATE 6-70	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS TITLE DRAWING INDEX LIST SHEET CODE NUMBER REV DDI TUI0-0-1 M
		CHK'D DATE 6-71		
		ENG DATE 6-71		
		PROD. ENG. DATE 6-71		
		PHOD. DATE 6-71		
		NEXT HIGHER ASSY		
		SCALE 1:1		
		SHEET 3 OF 7		

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* NOTES:

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

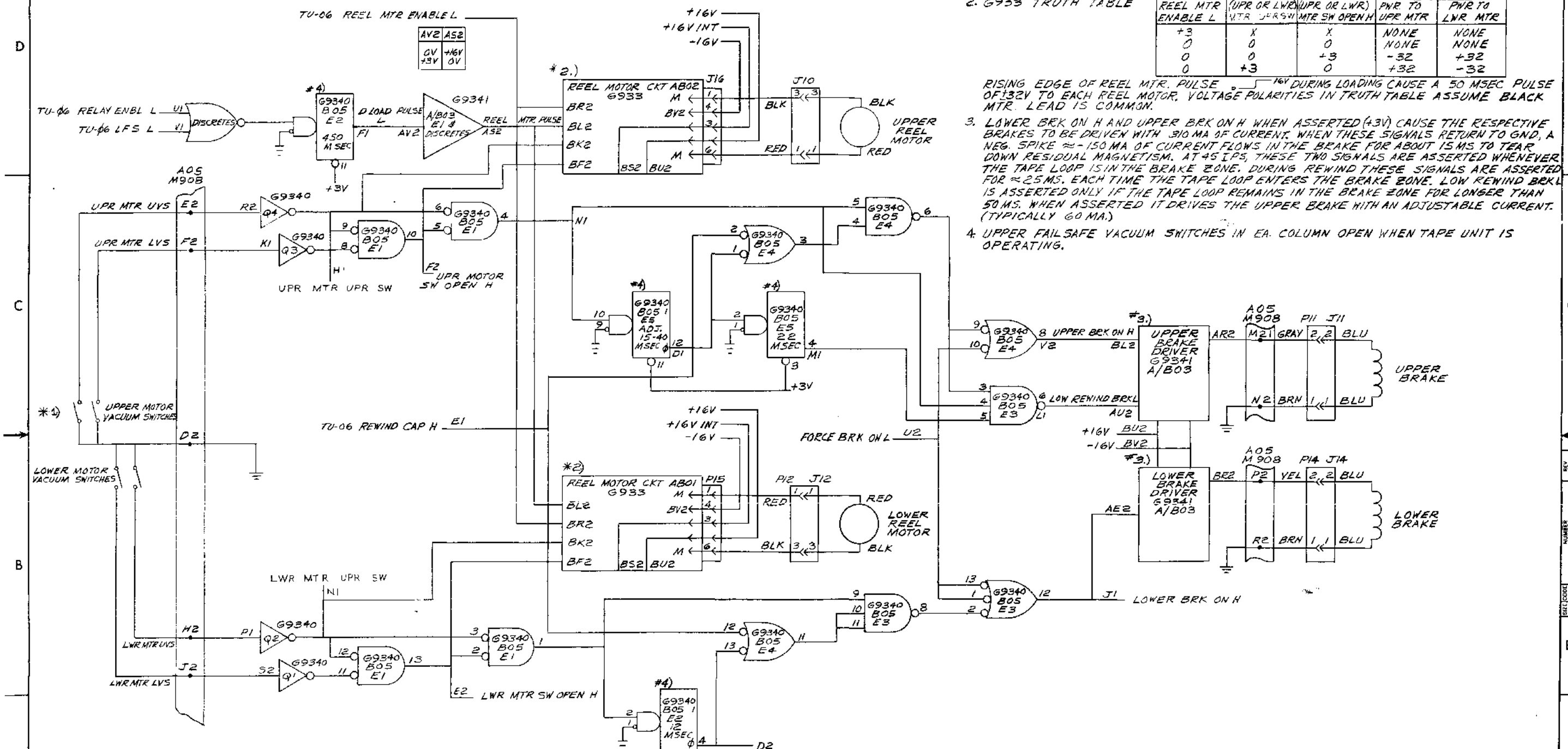
2. G933 TRUTH TABLE

REEL MTR ENABLE L	UPR OR LWR MTR UPR OR LWR	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

3. RISING EDGE OF REEL MTR. PULSE OF 16V DURING LOADING CAUSE A 50 MSEC PULSE OF 132V TO EACH REEL MOTOR. VOLTAGE POLARITIES IN TRUTH TABLE ASSUME BLACK MTR. LEAD IS COMMON.

4. 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 ≈ -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 ≈ 25 MS. EACH TIME THE TAPE LOOP ENTERS THE BRAKE ZONE. LOW REWIND BRK 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.)

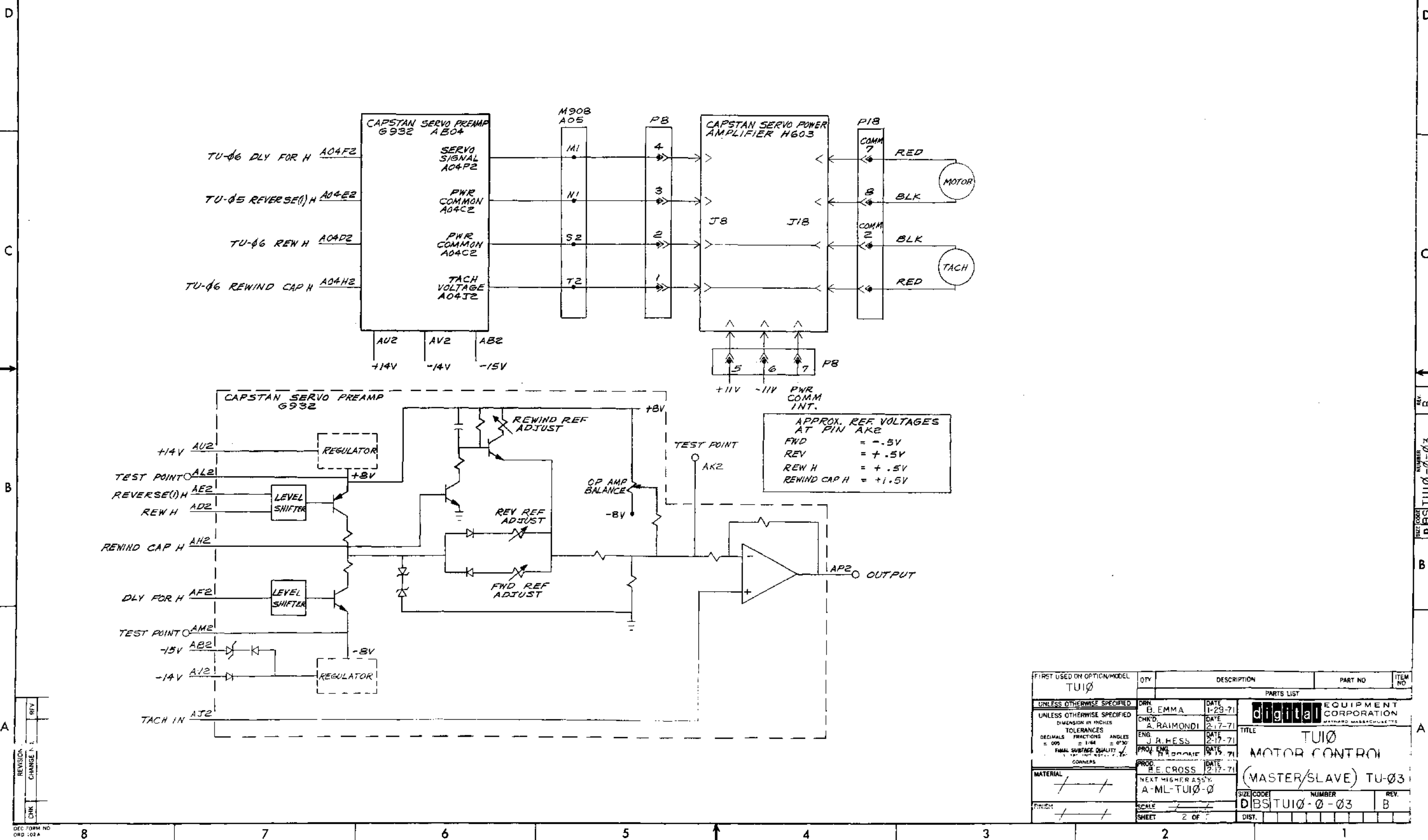
5. UPPER FAILSAFE VACUUM SWITCHES IN EA. COLUMN OPEN WHEN TAPE UNIT IS OPERATING.



REV	DATE	BY	CHKD
1	5/18/71	J. BARDONE	J. BARDONE
2	5/18/71	J. BARDONE	J. BARDONE
3	5/18/71	J. BARDONE	J. BARDONE
4	5/18/71	J. BARDONE	J. BARDONE
5	5/18/71	J. BARDONE	J. BARDONE
6	5/18/71	J. BARDONE	J. BARDONE
7	5/18/71	J. BARDONE	J. BARDONE
8	5/18/71	J. BARDONE	J. BARDONE
9	5/18/71	J. BARDONE	J. BARDONE
10	5/18/71	J. BARDONE	J. BARDONE

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
TUIØ				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	DRN. E. EMMA	DATE 1-29-71	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
TOLERANCES	CHKD. R. RAMONDI	DATE 2-17-71		
DECIMALS	ENG. J. R. HESS	DATE 2-17-71	TITLE TUIØ MOTOR CONTROL (MASTER/SLAVE) TU-Ø3	
ANGLES	PROJ. ENG. J. BARDONE	DATE 2-17-71		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	PROD. E. E. CROSS	DATE 2-17-71	MATERIAL NEXT HIGHER ASSY. A-ML-TUIØ-Ø	
FINISH	SCALE	SHEET 1 OF 2	SIZE CODE DES TUIØ-Ø-Ø3	NUMBER REV

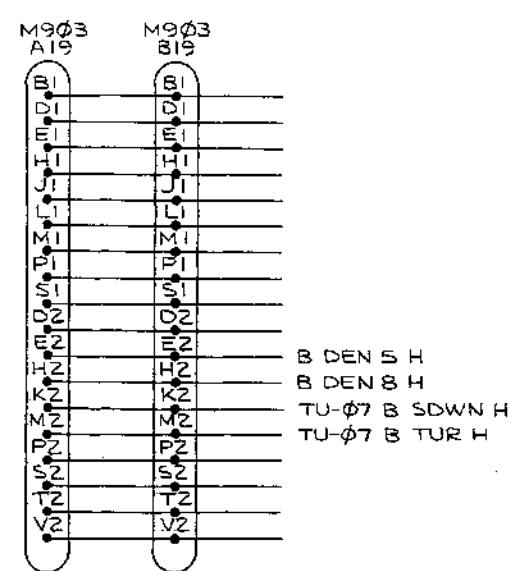
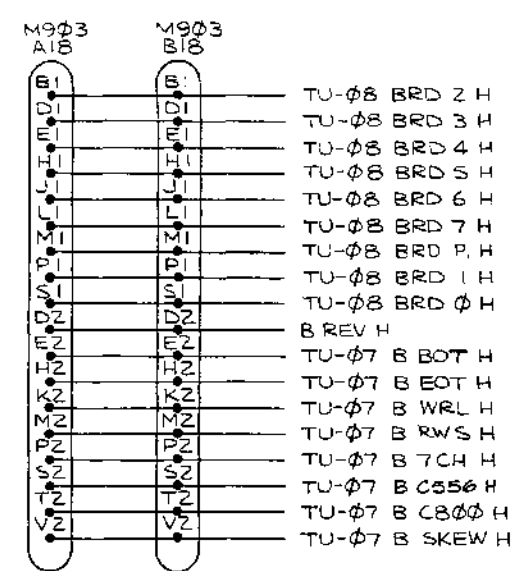
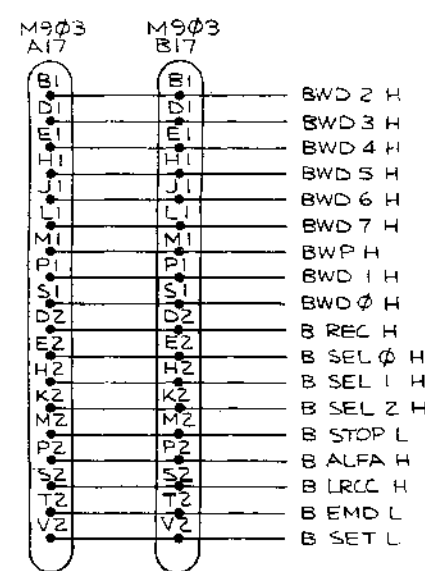
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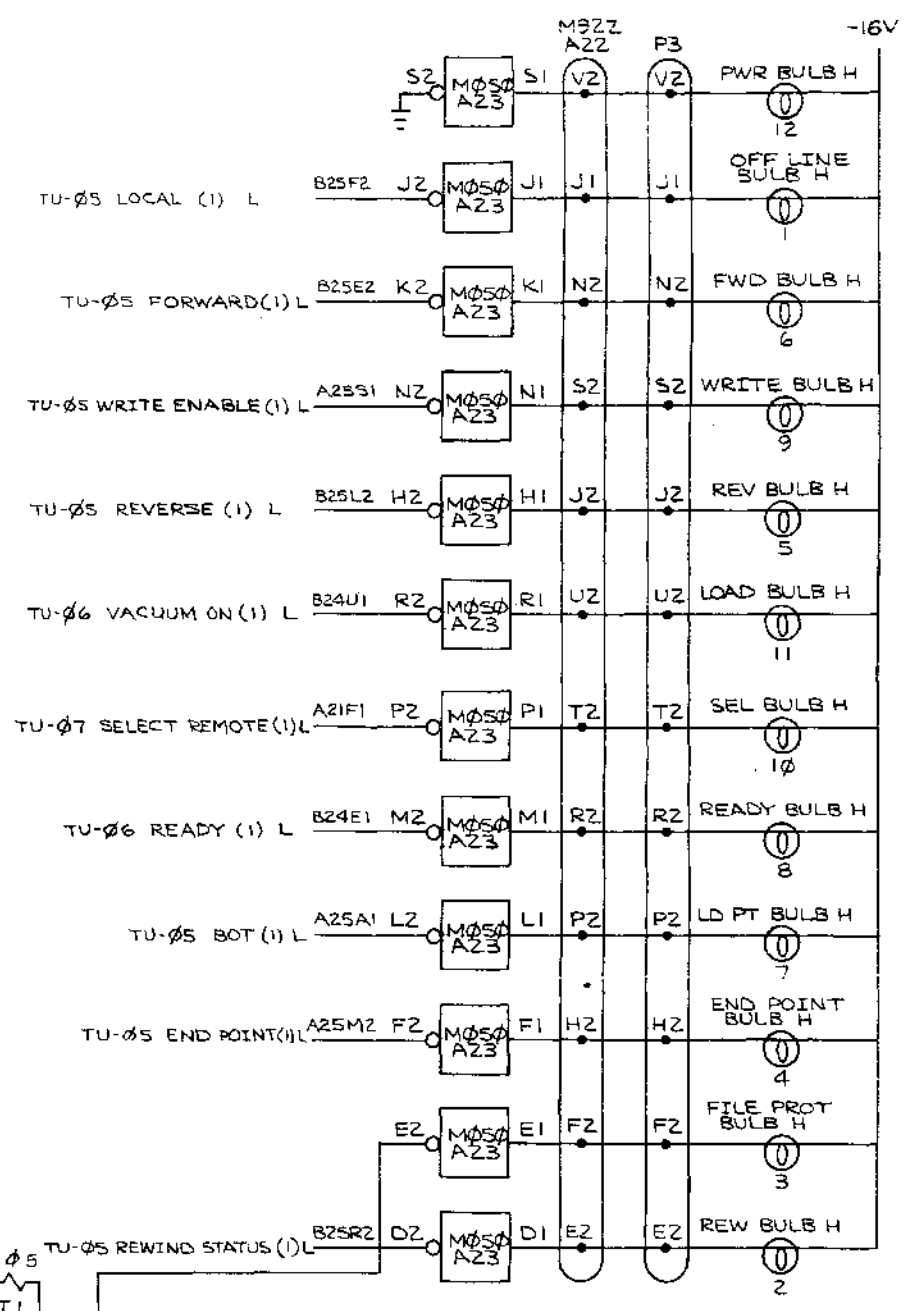
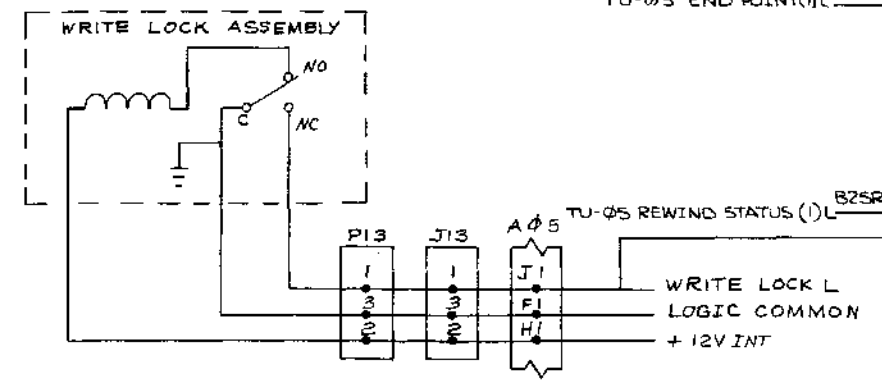
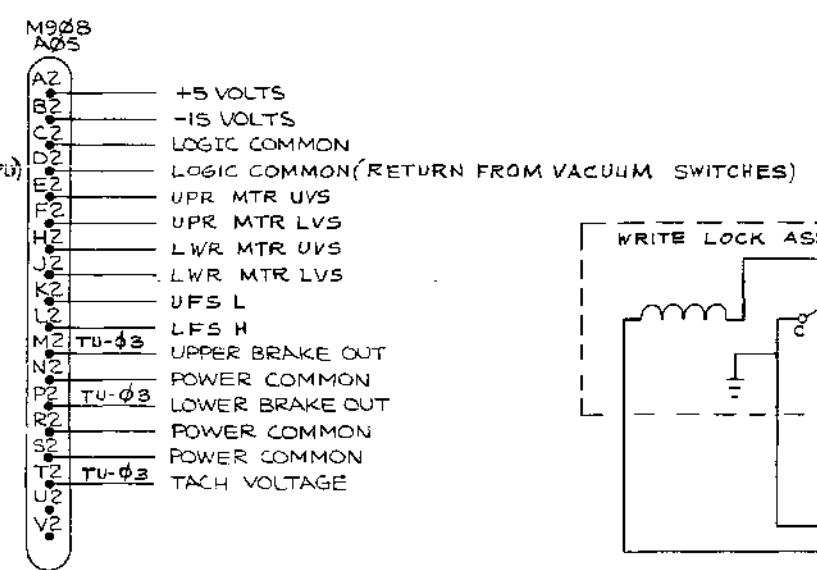
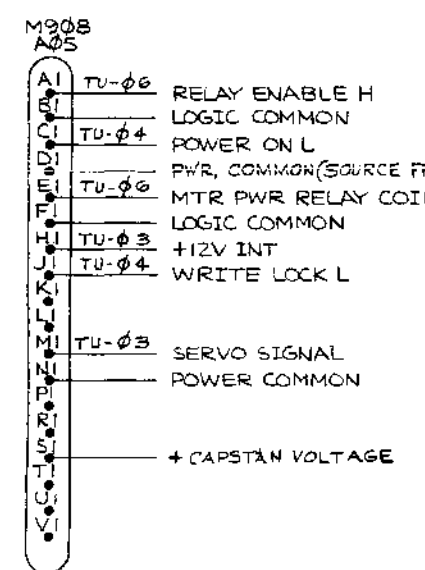
REV	
CHG	
CHK	

FIRST USED ON OPTION/MODEL	QTY	DESCRIPTION	PART NO	ITEM NO
TU10				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED	DRN	DATE	digital EQUIPMENT CORPORATION	
DIMENSION IN INCHES	B. EMMA	1-29-71	MAYNARD, MASSACHUSETTS	
TOLERANCES	CHK'D	DATE	TITLE	
DECIMALS FRACTIONS ANGLES	A. RAIMONDI	2-17-71	TU10	
DECIMALS = .009 FRACTIONS = 1/64 ANGLES = 0°30'	ENG	DATE	MOTOR CONTROL	
FINISH SURFACE QUALITY	J. R. HESS	2-17-71	(MASTER/SLAVE) TU-03	
CORNERS	PROJ. ENG.	DATE	SIZE CODE	
	R. E. CROSS	2-17-71	DBS TU10-0-03	
MATERIAL	PROD.	DATE	NUMBER	
	RE CROSS	2-17-71	A-ML-TU10-0	
FINISH	SCALE		REV.	
	2 OF 7		B	
	SHEET		DIST.	

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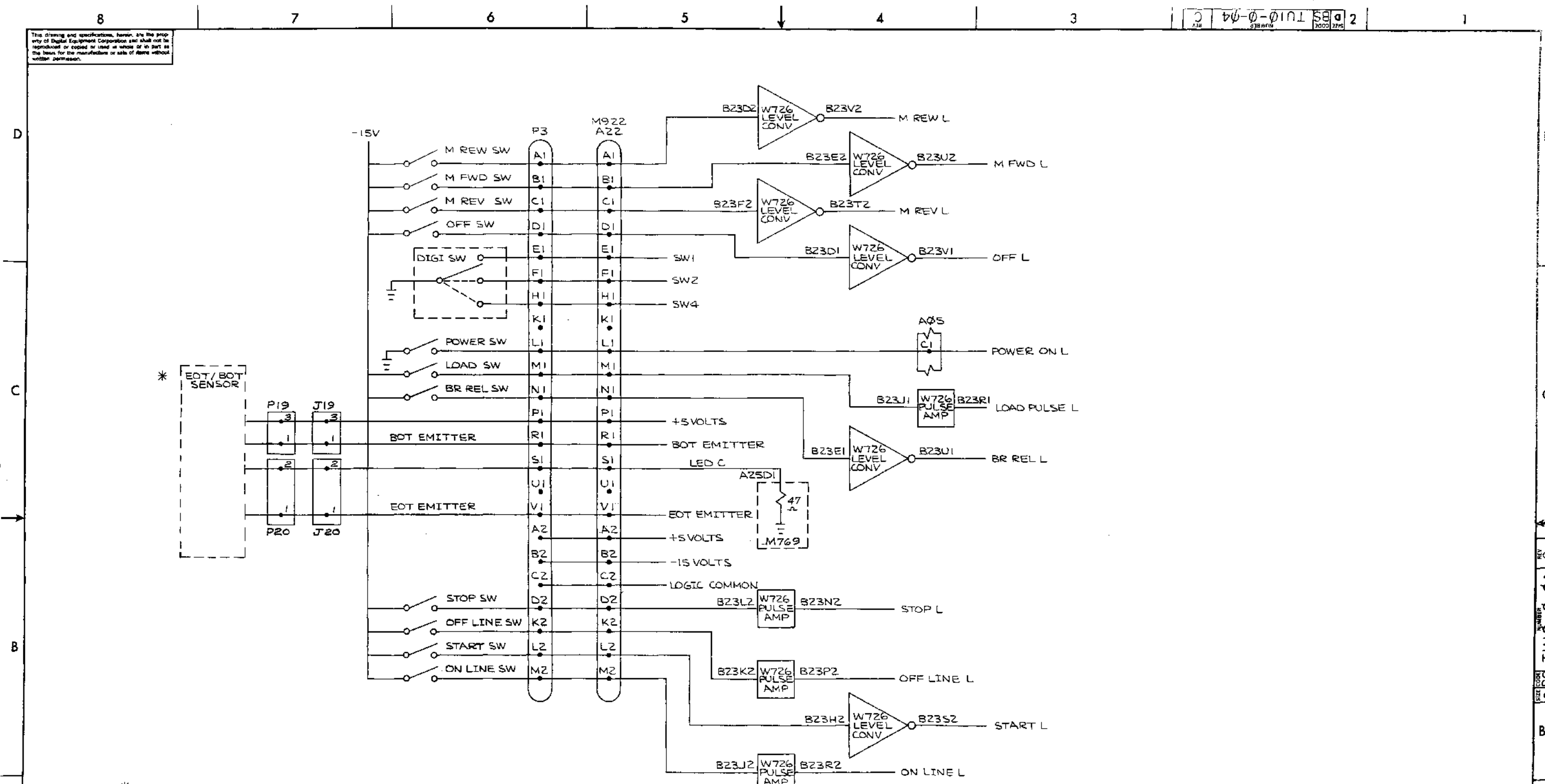
NOTE: UNREFERENCED SIGNALS ON SLOTS 17, 18 & 19, COME FROM BUSS IN TU-10 SLAVES AND FROM MASTER (SEE TU-2) IN TU-10 MASTERS.



REV.	CHANGE NO.	DATE	BY	CHK'D.
A	TU10-00036	5/19/71	BARDONE	5/21/71
B	TU10-00042	5/21/71	BARDONE	6/12/71
C	TU10-00050	9/20/71	HES	9/21/71

FIRST USED ON OPTION/MODE	QTY.	DESCRIPTION	PART NO.	ITEM NO.
TU10				
UNLESS OTHERWISE SPECIFIED DRN DATE 1-26-71				
UNLESS OTHERWISE SPECIFIED CHK'D. DATE 5-17-71				
DIMENSION IN INCHES				
TOLERANCES				
DECIMALS FRACTIONS ANGLES				
= .005 ± 1/64 = 1/30				
FINAL SURFACE QUALITY 7				
REMOVE BURRS AND BREAK SHARP CORNERS				
MATERIAL NEXT HIGHER ASSY				
A-ML-TU10-0				
FINISH				
SCALE NONE				
SHEET 1 OF 2				
PARTS LIST				
digital EQUIPMENT CORPORATION				
TITLE TU10 CONNECTORS/INDICATORS				
(MASTER/SLAVE) TU-04				
SIZE/CODE NUMBER REV				
DIBS TU10-0-04 C				

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NOTE *

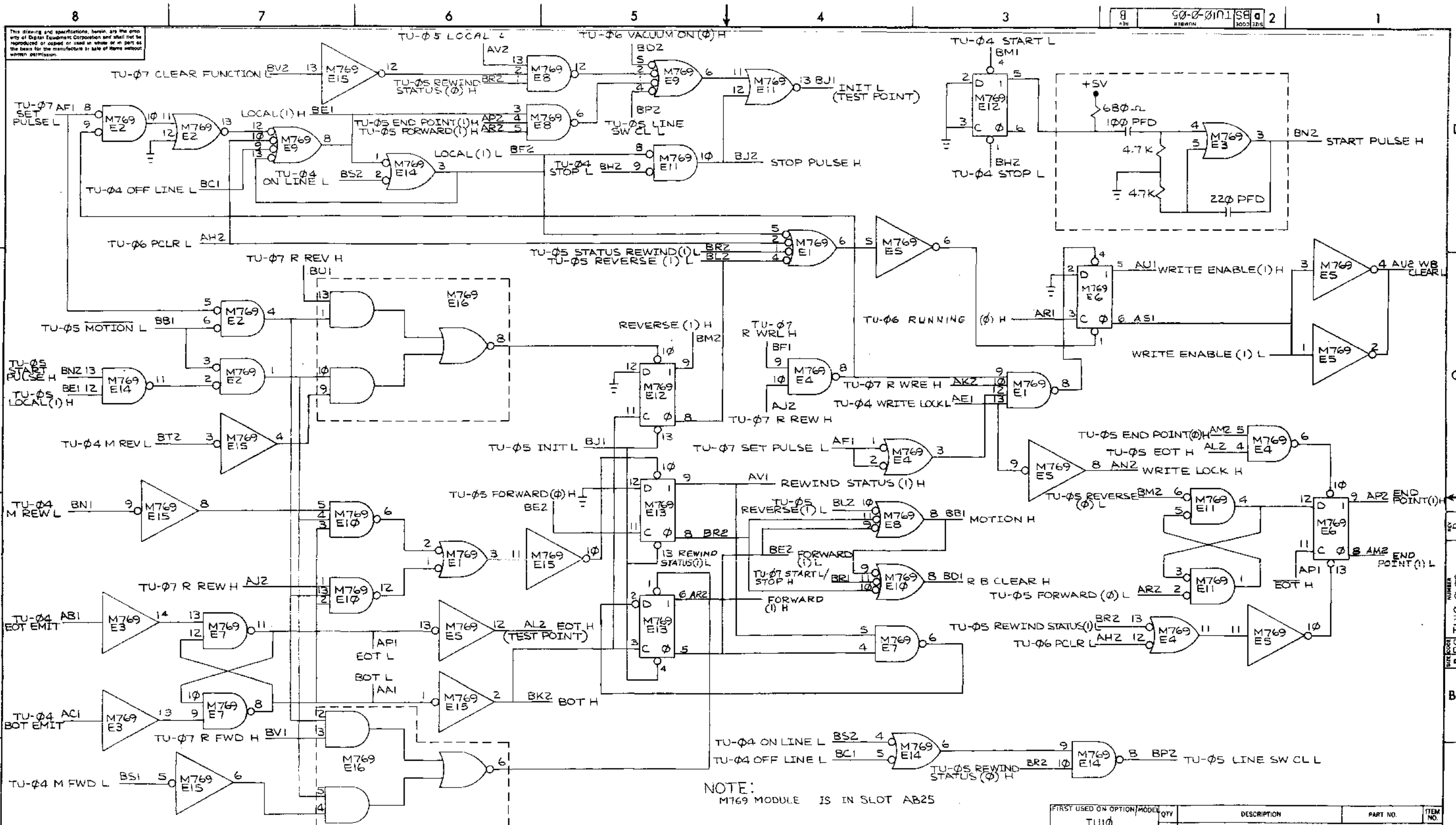
1. BOT E GOES HIGH (+3V) WHEN BEGINNING OF TAPE MARKER IS SENSED.
2. EOT E GOES HIGH (+3V) WHEN END OF TAPE MARKER IS SENSED.
3. LIGHT EMITTING DIODE IS IN THE INFRARED RANGE AND IS NOT VISIBLE.

REV	
CHANGE	
CHK	

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
TUIØ				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED	DRN	DATE	digital EQUIPMENT CORPORATION MAYFIELD, MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED	CHK'D	DATE	TITLE	
TOLERANCES	ENG	DATE	CONNECTORS/INDICATORS	
DECIMALS FRACTIONS ANGLES	PROJ. ENG.	DATE	(MASTER/SLAVE) TU-Ø4	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	DATE	DATE	NEXT HIGHER ASSY	
MATERIAL	DATE	DATE	A-ML-TUIØ-Ø	
FINISH	SCALE	SHEET	DISTRIBUTION	
	NONE	2 OF 2	DIST.	

NUMBER
 DBS TUIØ-Ø-Ø4 C
 SIZE CODE
 REV. C

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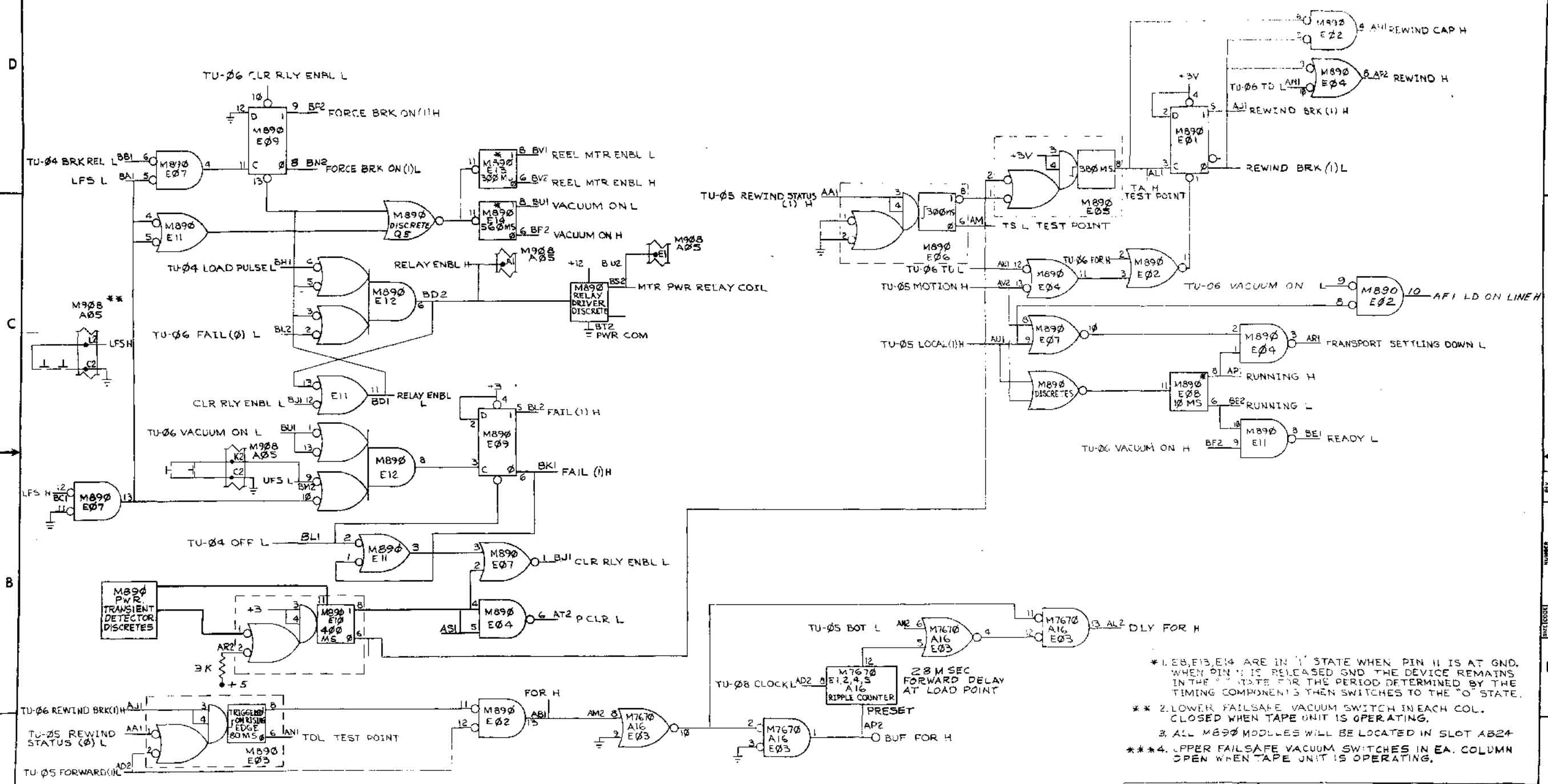


NOTE:
M769 MODULE IS IN SLOT AB25

FIRST USED ON OPTION/MODEL	QTY	DESCRIPTION	PART NO.	ITEM NO.																																	
TUI0																																					
UNLESS OTHERWISE SPECIFIED																																					
DIMENSION IN INCHES																																					
TOLERANCES																																					
DECIMALS FRACTIONS ANGLES																																					
± .005 ± .001 ± 0°30'																																					
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS																																					
PARTS LIST																																					
<table border="1"> <tr> <td>DRN: A. Romodi</td> <td>DATE: 1-6-71</td> <td rowspan="6"> digital EQUIPMENT CORPORATION <small>WALTHAM, MASSACHUSETTS</small> </td> </tr> <tr> <td>CHKD: <i>[Signature]</i></td> <td>DATE: 2-17-71</td> </tr> <tr> <td>ENG: <i>[Signature]</i></td> <td>DATE: 2-17-71</td> </tr> <tr> <td>PROJ. ENG: <i>[Signature]</i></td> <td>DATE: 2-17-71</td> </tr> <tr> <td>PROD: B. E. Goss</td> <td>DATE: 2-17-71</td> </tr> <tr> <td>NEXT HIGHER ASSY</td> <td></td> </tr> <tr> <td colspan="2">TITLE</td> <td rowspan="2"> TUI0 COMMAND LOGIC (MASTER/SLAVE) TU-05 </td> </tr> <tr> <td colspan="2"> A-ML-TUI0-0 SCALE NONE SHEET OF </td> </tr> <tr> <td colspan="2">SIZE CODE</td> <td>NUMBER</td> <td>REV.</td> <td></td> </tr> <tr> <td colspan="2">D8S TUI0-0-05</td> <td>B</td> <td></td> <td></td> </tr> <tr> <td colspan="2">DIST.</td> <td></td> <td></td> <td></td> </tr> </table>					DRN: A. Romodi	DATE: 1-6-71	digital EQUIPMENT CORPORATION <small>WALTHAM, MASSACHUSETTS</small>	CHKD: <i>[Signature]</i>	DATE: 2-17-71	ENG: <i>[Signature]</i>	DATE: 2-17-71	PROJ. ENG: <i>[Signature]</i>	DATE: 2-17-71	PROD: B. E. Goss	DATE: 2-17-71	NEXT HIGHER ASSY		TITLE		TUI0 COMMAND LOGIC (MASTER/SLAVE) TU-05	A-ML-TUI0-0 SCALE NONE SHEET OF		SIZE CODE		NUMBER	REV.		D8S TUI0-0-05		B			DIST.				
DRN: A. Romodi	DATE: 1-6-71	digital EQUIPMENT CORPORATION <small>WALTHAM, MASSACHUSETTS</small>																																			
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NEXT HIGHER ASSY																																					
TITLE		TUI0 COMMAND LOGIC (MASTER/SLAVE) TU-05																																			
A-ML-TUI0-0 SCALE NONE SHEET OF																																					
SIZE CODE		NUMBER	REV.																																		
D8S TUI0-0-05		B																																			
DIST.																																					

REVISIONS	CHK	CHANGE NO.	REV.
1		00036	A
2		00050	B

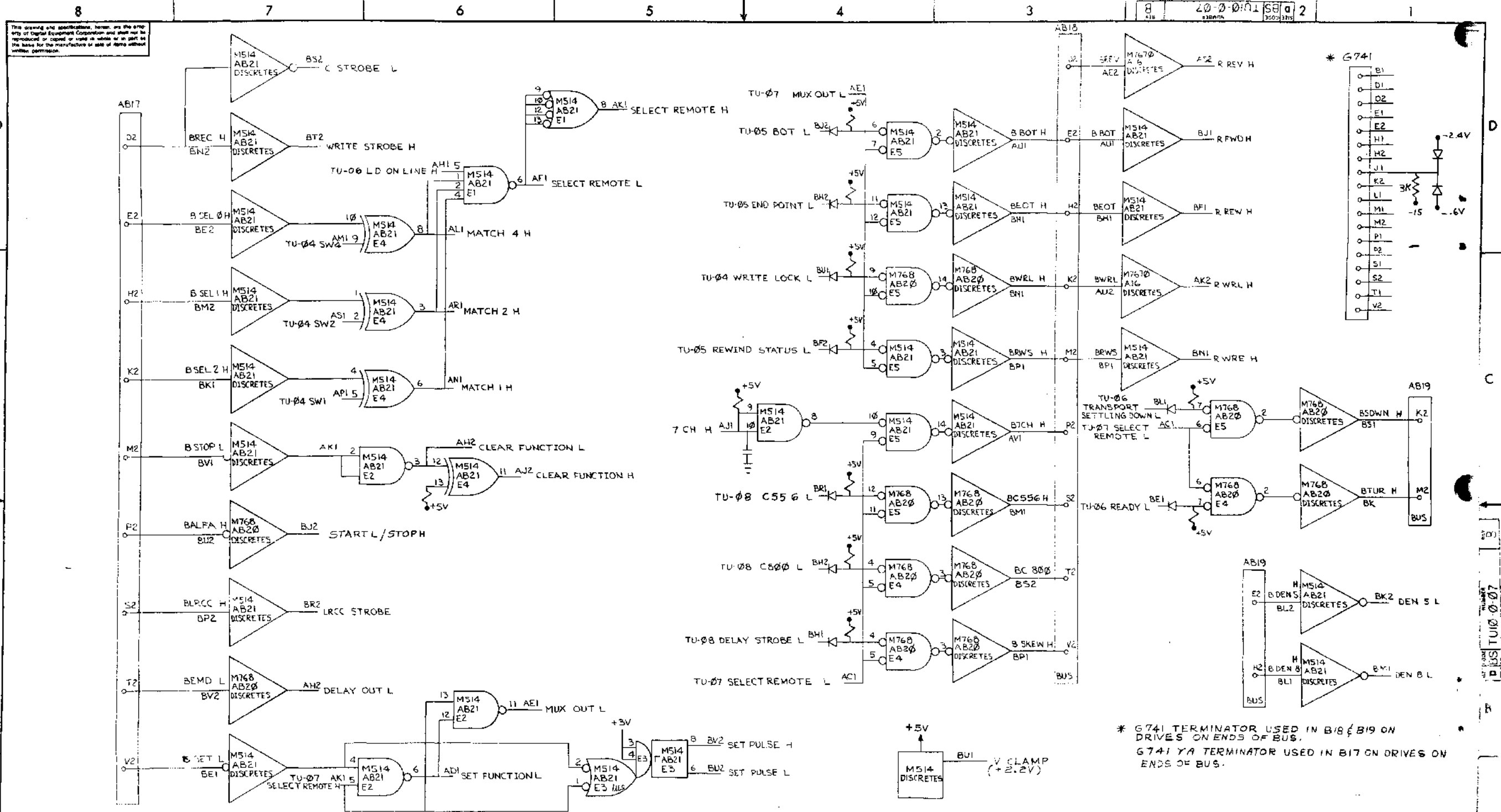
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- * 1. E8, E13, E14 ARE IN '1' STATE WHEN PIN 11 IS AT GND. WHEN PIN 11 IS RELEASED GND THE DEVICE REMAINS IN THE '1' STATE FOR THE PERIOD DETERMINED BY THE TIMING COMPONENTS THEN SWITCHES TO THE '0' STATE.
- ** 2. LOWER FAILSAFE VACUUM SWITCH IN EACH COL. CLOSED WHEN TAPE UNIT IS OPERATING.
- 3. ALL M890 MODULES WILL BE LOCATED IN SLOT A824
- *** 4. UPPER FAILSAFE VACUUM SWITCHES IN EA. COLUMN OPEN WHEN TAPE UNIT IS OPERATING.

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

FIRST USED ON OPT. MOD	QTY	DESCRIPTION	PART NO	ITEM NO
TU10				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED	DRN	DATE	DIGITAL EQUIPMENT CORPORATION	
UNLESS OTHERWISE SPECIFIED	CHKD	DATE	MILITARY GRADE COMPONENTS	
TOLERANCES	ENG	DATE	TITLE TU10	
DECIMALS FRACTIONS ANGLES	PRD	DATE	MULTIPLY LOGIC	
FINAL SURFACE QUALITY	PROD	DATE	(MASTER/SLAVE) TU 06	
PLUNGE DRILLS SHIP BREAK CLEAN CORNERS	FIN	DATE	SIZE/COMP NUMBER	
	FIN SH	SCALE	DIST	
	SHEET	OF	REV	



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REV	CHG	NO	DATE	BY	CHKD	DATE
A		00036	7-25-71			
B		00037	8-17-71			
C		00038	9-10-71			
D		00039	1-15-72			

DESIGNED BY: J. HESS
 DRAWN BY: B. BARDONE
 CHECKED BY: J. BARDONE
 ENGINEERED BY: J. BARDONE
 PROD. ENG. BY: J. BARDONE
 DATE: 7-25-71

QTY	DESCRIPTION	PART NO.	ITEM NO.
1	TU-07		
1	MS14 AB21 DISCRETES		
1	M768 AB20 DISCRETES		
1	M760 AB20 DISCRETES		
1	G741 TERMINATOR		

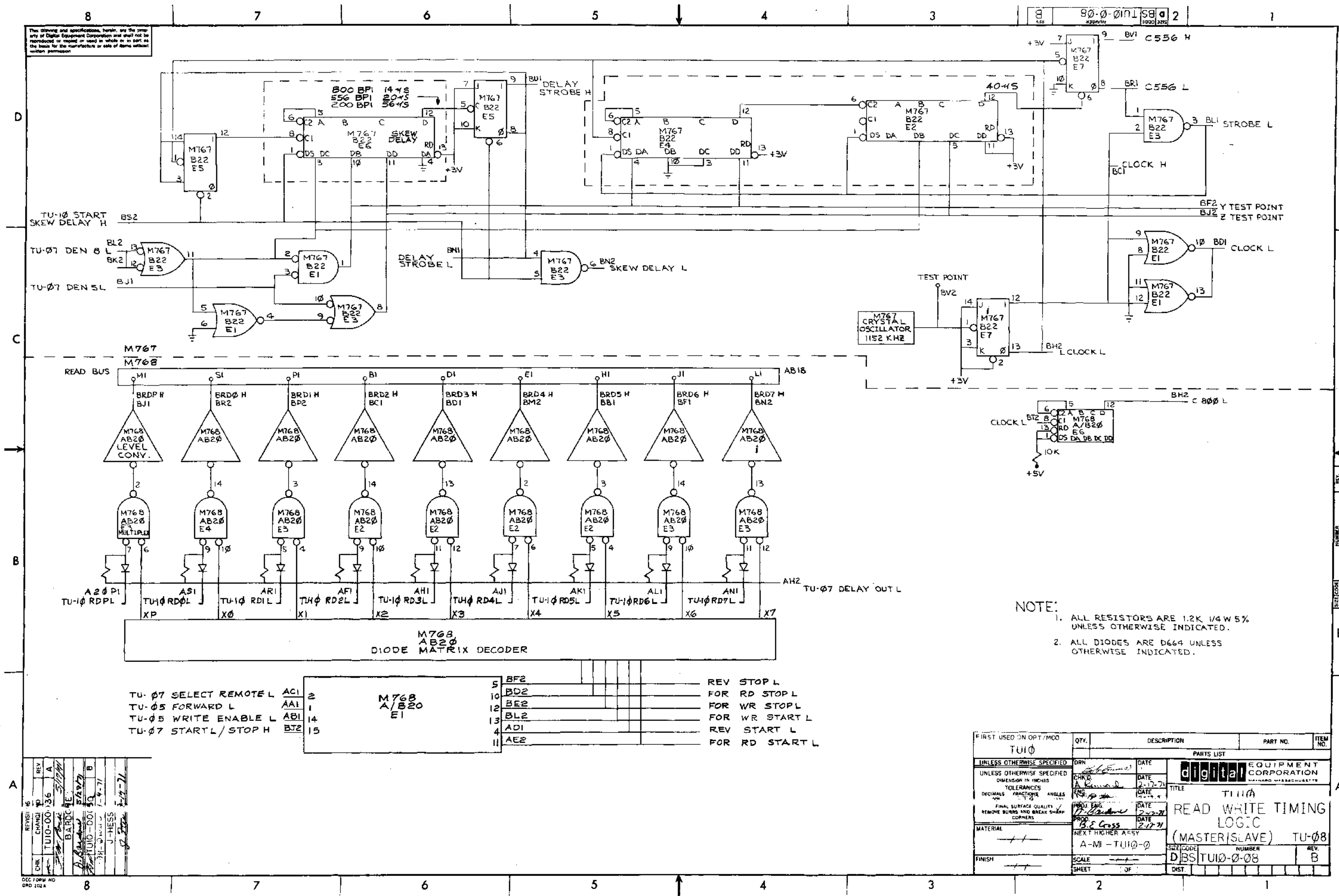
UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS IN INCHES
 DECIMALS FRACTIONS ANGLES
 .005 ± .004 ± .030
 REMOVE BURRS AND BREAK SHARP CORNERS

DATE: 7-25-71
 DATE: 8-17-71
 DATE: 9-10-71
 DATE: 1-15-72

REVISIONS:
 CHANGE NO. REV. DATE BY CHKD. DATE
 TUIO-00036 A 7-25-71
 BARDONE
 TUIO-00037 B 8-17-71
 TUIO-00038 C 9-10-71
 TUIO-00039 D 1-15-72
 HESS

SCALE: A-M-L-TUIO-07
 SHEET: 1 OF 2
 DIST: B

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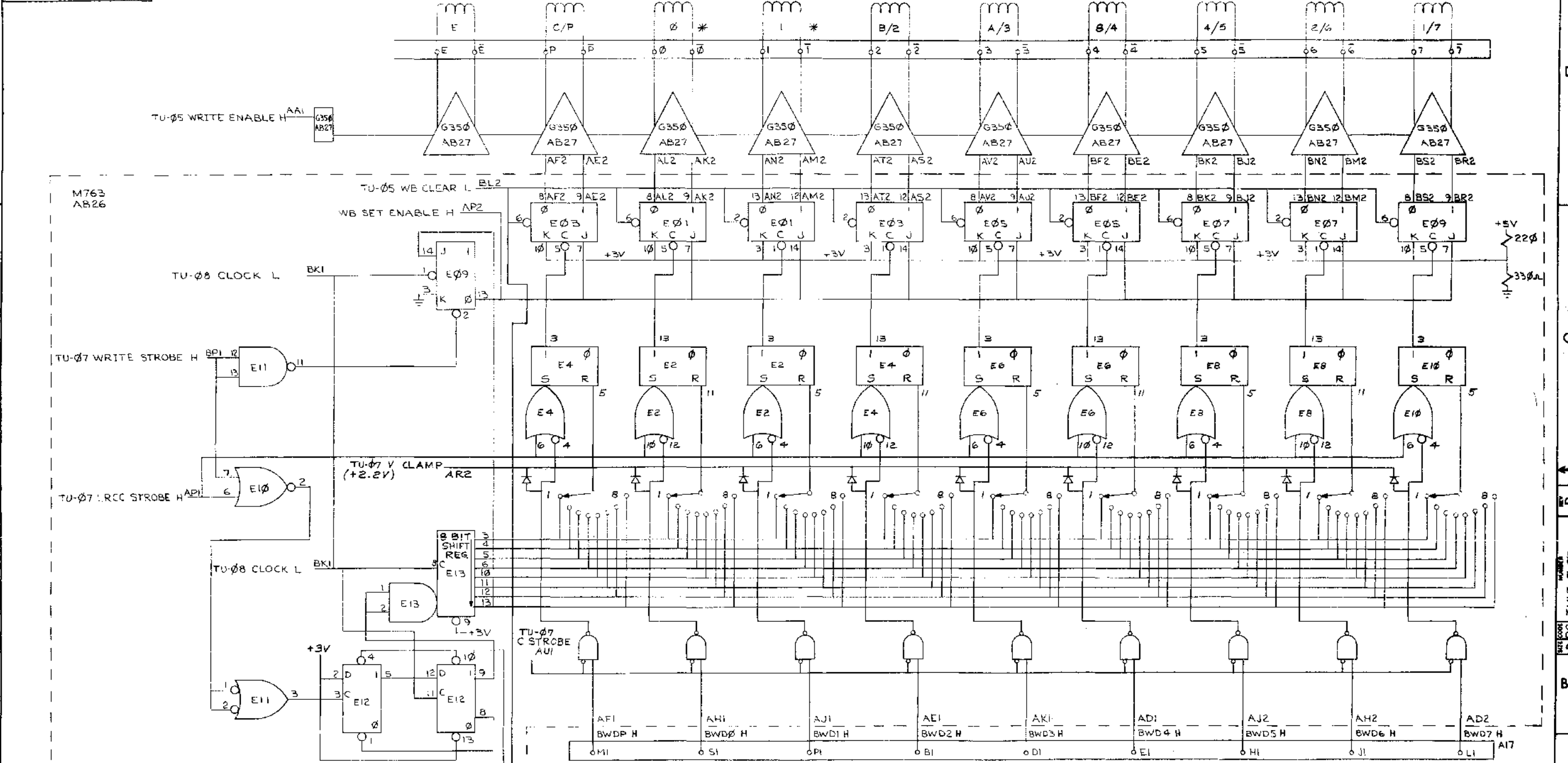
- NOTE:
1. ALL RESISTORS ARE 1.2K 1/4 W 5% UNLESS OTHERWISE INDICATED.
 2. ALL DIODES ARE D644 UNLESS OTHERWISE INDICATED.

REV	DATE	BY	CHK
1	1-17-71	J. HESS	
2	2-17-71	J. HESS	
3	2-17-71	J. HESS	
4	2-17-71	J. HESS	
5	2-17-71	J. HESS	
6	2-17-71	J. HESS	
7	2-17-71	J. HESS	
8	2-17-71	J. HESS	

TU-07 SELECT REMOTE L	AC1	2	BF2	REV STOP L
TU-05 FORWARD L	AA1	1	BD2	FOR RD STOP L
TU-05 WRITE ENABLE L	AB1	14	BE2	FOR WR STOP L
TU-07 START L / STOP H	BJ2	15	BL2	FOR WR START L
			AD1	REV START L
			AE2	FOR RD START L

FIRST USED ON OPT/MOD	QTY.	DESCRIPTION	PART NO.	ITEM NO.																																																																	
TU10																																																																					
PARTS LIST																																																																					
<table border="1"> <tr> <td>UNLESS OTHERWISE SPECIFIED</td> <td>DRN</td> <td>DATE</td> <td colspan="2">DIGITAL EQUIPMENT CORPORATION</td> </tr> <tr> <td>UNLESS OTHERWISE SPECIFIED</td> <td>CHKD</td> <td>DATE</td> <td colspan="2">HARTFORD, CONNECTICUT</td> </tr> <tr> <td>DIMENSION IN INCHES</td> <td>ENG</td> <td>DATE</td> <td colspan="2">TITLE</td> </tr> <tr> <td>TOLERANCES</td> <td>FRG</td> <td>DATE</td> <td colspan="2">TU10</td> </tr> <tr> <td>DECIMALS FRACTIONS ANGLES</td> <td>PROJ</td> <td>DATE</td> <td colspan="2">READ WRITE TIMING LOGIC</td> </tr> <tr> <td>FINAL SURFACE QUALITY</td> <td>PROD</td> <td>DATE</td> <td colspan="2">(MASTER/SLAVE) TU-08</td> </tr> <tr> <td>REMOVE BURRS AND BREAK SHARP CORNERS</td> <td></td> <td>DATE</td> <td colspan="2">NUMBER</td> </tr> <tr> <td></td> <td></td> <td>DATE</td> <td colspan="2">DBS TU10-0-08</td> </tr> <tr> <td>MATERIAL</td> <td></td> <td></td> <td colspan="2">REV.</td> </tr> <tr> <td></td> <td></td> <td></td> <td colspan="2">B</td> </tr> <tr> <td>FINISH</td> <td></td> <td></td> <td colspan="2">SCALE</td> </tr> <tr> <td></td> <td></td> <td></td> <td colspan="2">SHEET</td> </tr> <tr> <td></td> <td></td> <td></td> <td colspan="2">DIST.</td> </tr> </table>					UNLESS OTHERWISE SPECIFIED	DRN	DATE	DIGITAL EQUIPMENT CORPORATION		UNLESS OTHERWISE SPECIFIED	CHKD	DATE	HARTFORD, CONNECTICUT		DIMENSION IN INCHES	ENG	DATE	TITLE		TOLERANCES	FRG	DATE	TU10		DECIMALS FRACTIONS ANGLES	PROJ	DATE	READ WRITE TIMING LOGIC		FINAL SURFACE QUALITY	PROD	DATE	(MASTER/SLAVE) TU-08		REMOVE BURRS AND BREAK SHARP CORNERS		DATE	NUMBER				DATE	DBS TU10-0-08		MATERIAL			REV.					B		FINISH			SCALE					SHEET					DIST.	
UNLESS OTHERWISE SPECIFIED	DRN	DATE	DIGITAL EQUIPMENT CORPORATION																																																																		
UNLESS OTHERWISE SPECIFIED	CHKD	DATE	HARTFORD, CONNECTICUT																																																																		
DIMENSION IN INCHES	ENG	DATE	TITLE																																																																		
TOLERANCES	FRG	DATE	TU10																																																																		
DECIMALS FRACTIONS ANGLES	PROJ	DATE	READ WRITE TIMING LOGIC																																																																		
FINAL SURFACE QUALITY	PROD	DATE	(MASTER/SLAVE) TU-08																																																																		
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MATERIAL			REV.																																																																		
			B																																																																		
FINISH			SCALE																																																																		
			SHEET																																																																		
			DIST.																																																																		

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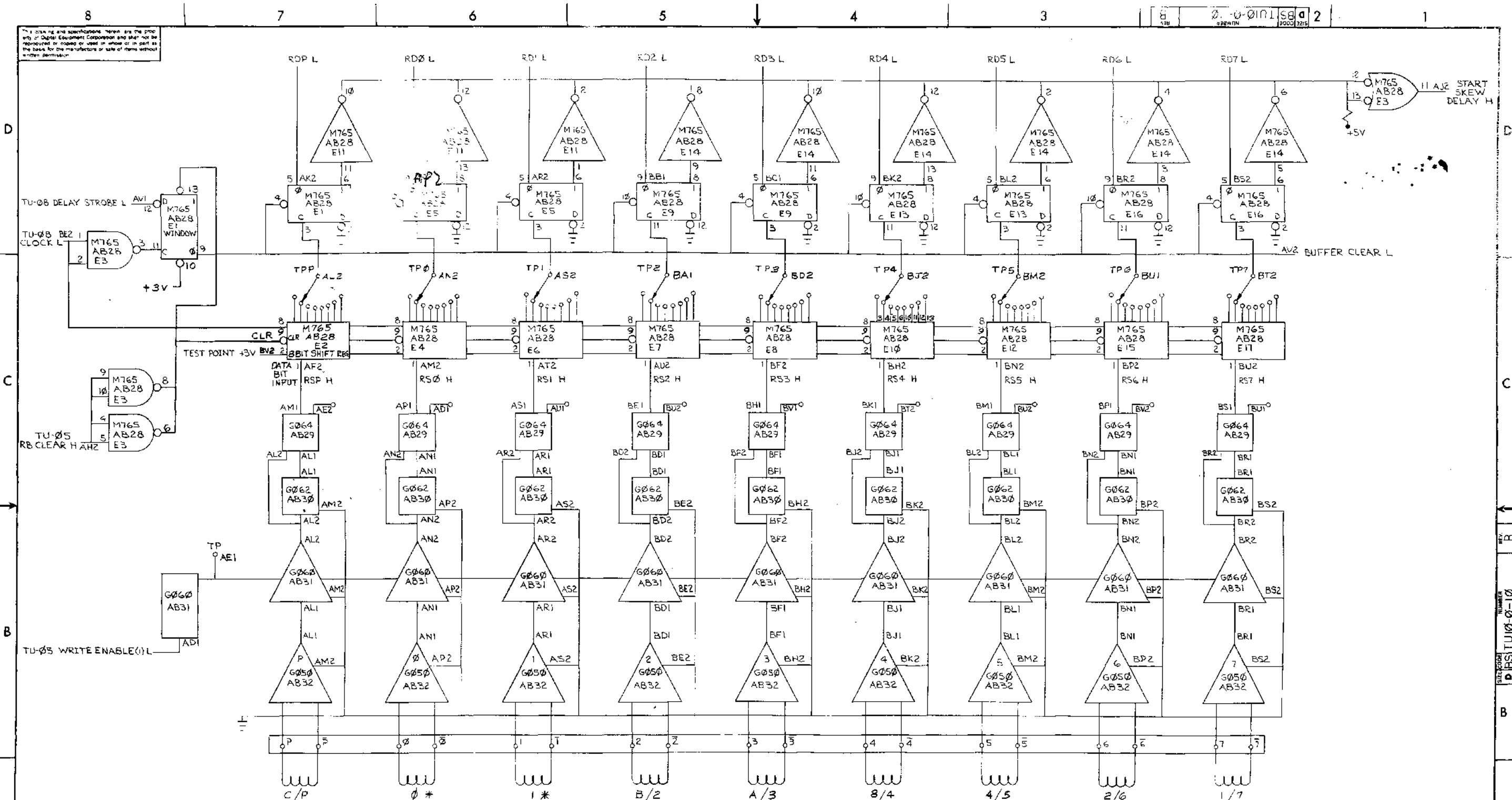
* 9 TRACK ONLY

FIRST USED ON OPTION/MODEL	QTY	DESCRIPTION	PART NO	ITEM NO.
TU10				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED	DWN	DATE 2-3-71	digital EQUIPMENT CORPORATION	
UNLESS OTHERWISE SPECIFIED	CMW	DATE 2-17-71	TITLE TU10	
TOLERANCES				
DECIMALS FRACTIONS ANGLES	ENG	DATE 2-17-71	WRITE CIRCUITRY	
= .001 = 1/64 = 0°30'	PROD. ENG.	DATE 2-17-71	(MASTER/SLAVE) TU-09	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	PROD.	DATE 2-17-71	SIZE CODE DBS TU10-0-09	
MATERIAL	INFXT HIGHER ASSY		NUMBER B	
FINISH	A-WL-TU10-0		REV B	
	SCALE		SHEET 1 OF 1	
			DST.	

REV	CHG	NO	DATE	BY
1		00036	A	
2		00050	B	

DESIGNED BY: BARDONE
 CHECKED BY: [Signature]
 DATE: 5/18/71

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REV	DATE	BY	CHKD	APP'D
1	1/27/71
2	2/12/71

FIRST USED IN DRY/MCO	QTY.	DESCRIPTION	PART NO.	ITEM NO.
TU10				

UNLESS OTHERWISE SPECIFIED		DATE	DATE
DRN	1/26/71	CHKD	2-17-71
ENG	2-27-71	DATE	2-27-71

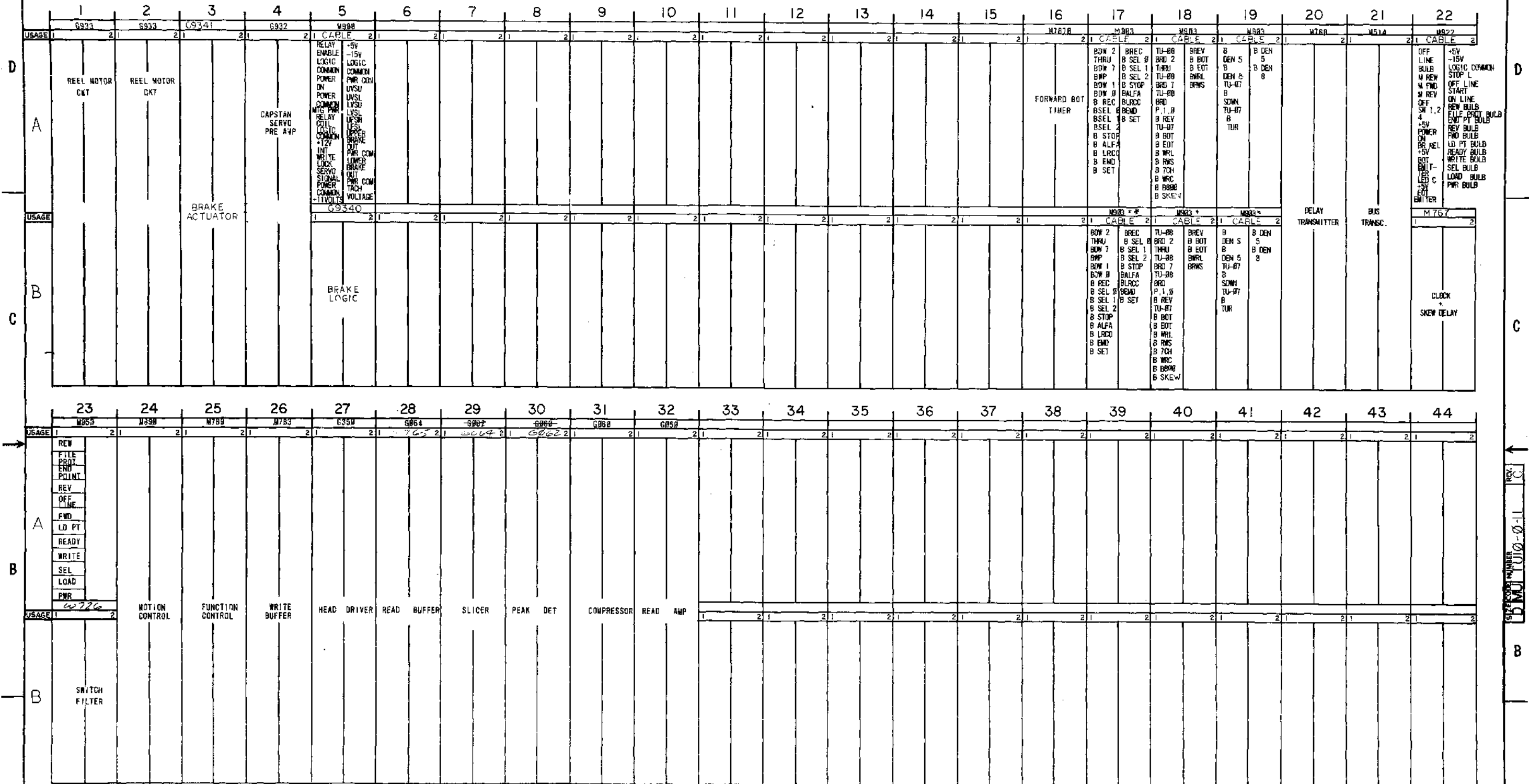
digital EQUIPMENT CORPORATION

TITLE: TU10 HEAD CIRCUITRY (MASTER/SLAVE) TU10

SIZE: 00001 NUMBER: D B S T U 10 - 0 - 10 REV: B

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11-0-010 1 NOV 62



REV	DATE	BY	CHK
1	11-0-010	BARCONE	WTTG
2	11-0-010	BARCONE	WTTG
3	11-0-010	BARCONE	WTTG

* FOR UNITS ON END OF BUS ONLY, USE 6741 TERMINATOR
 ** FOR UNITS ON END OF BUS USE 1741 YA

FIRST USED ON OPTION / MODEL
TU10

DO NOT SCALE DRAWING

UNLESS OTHERWISE SPECIFIED
DIMENSIONS IN INCHES

TOLERANCES
DECIMALS FRACTIONS ANGLES
= .005 = .04 = 13.0

FINISH SURFACE QUALITY
REMOVE BURRS AND BREAK SHARP CORNERS

MATERIAL: _____

FINISH: _____

DRN	DATE
CHKD	DATE
ENG	DATE
PRD	DATE

TITLE
MODULE UTILIZATION

SIZE CODE: _____ NUMBER: _____ REV: _____
 DIST: _____

REVISION NUMBER TU10-0-11

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

QUANTITY / VARIATION

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

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	QTY	VAR	QTY	VAR	QTY	VAR	QTY	VAR	QTY	VAR	QTY	VAR
	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 FL	D-MU-TU10-0-11	A	PL	TU10-0-11	C	TU10 00065
	SHEET 1 OF 1	DIST.				

DEC FORM NO.
DRA 110

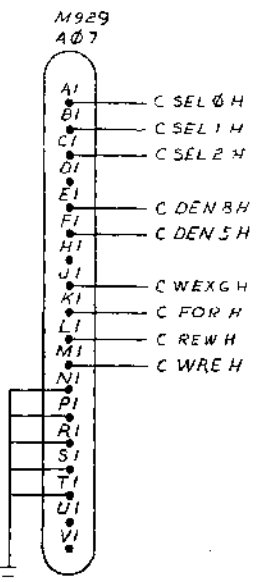
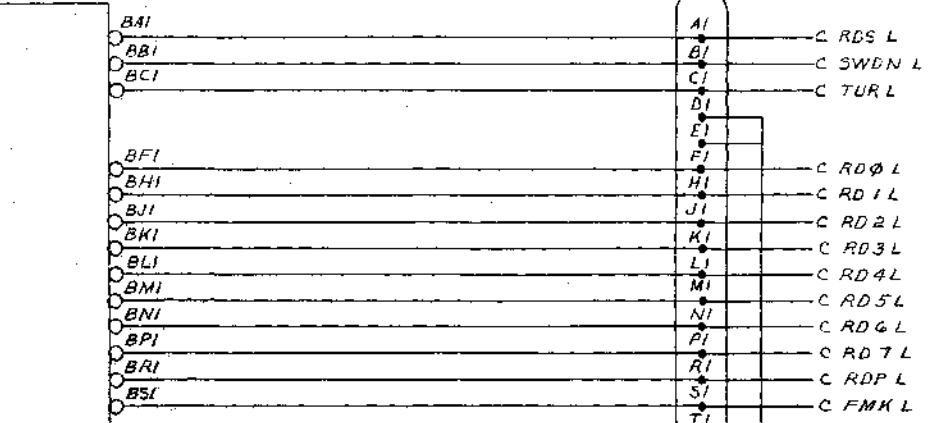
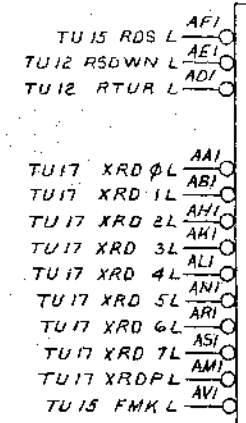
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D

C

B

A

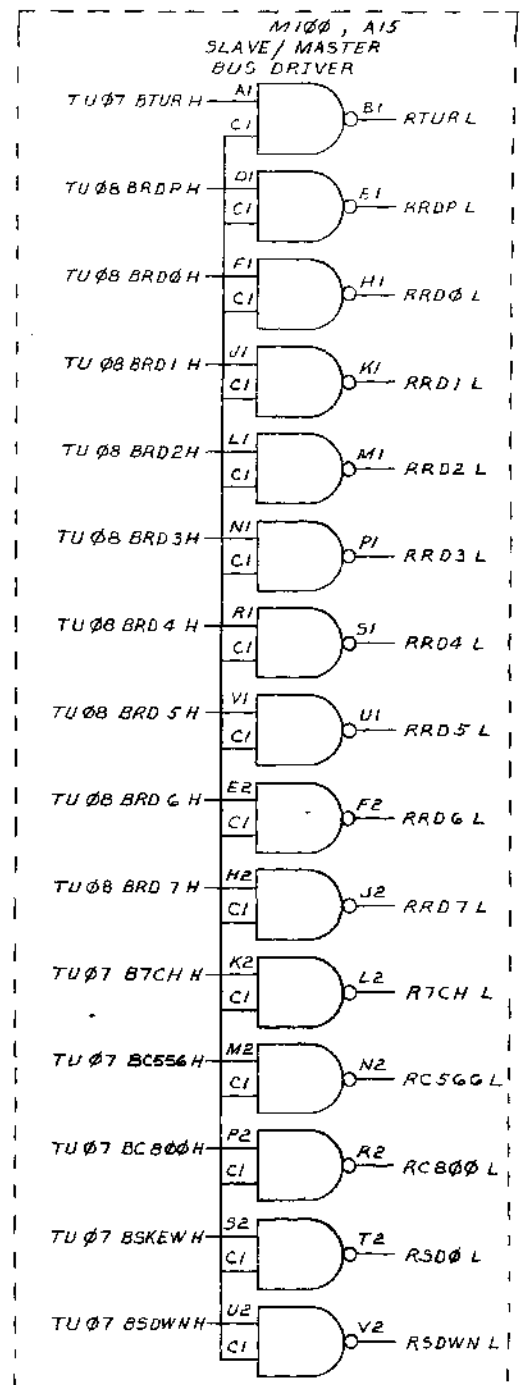
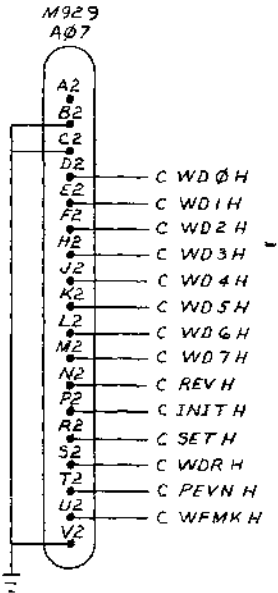
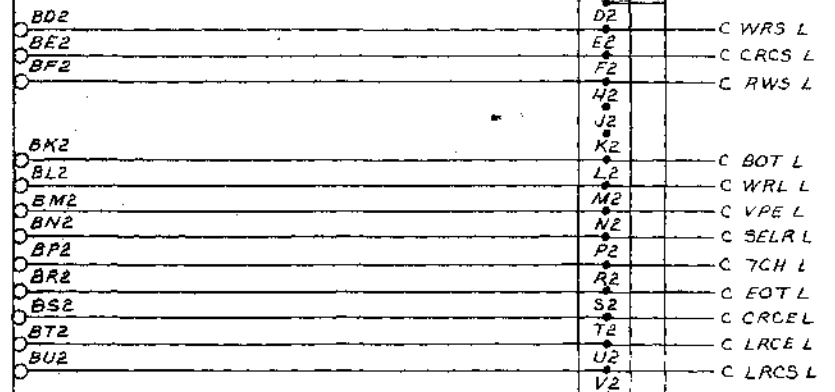
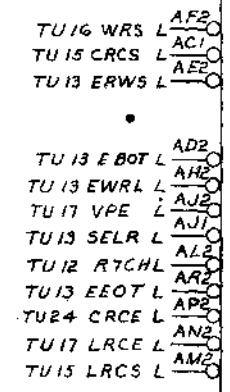


INPUT / OUTPUT TRUTH TABLE

IN	OUT
GND	GND
+3V	+3V

M640 AB08 MASTER / INTERFACE BUS DRIVER *

MASTER / INTERFACE CABLE (DOUBLE HEIGHT MODULE)



TRUTH TABLE

IN	OUT
GND	GND
+3V	+3V

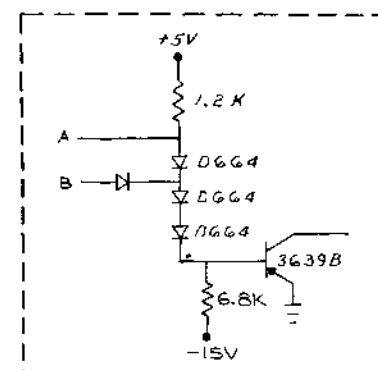
REV	DATE	BY
A	4-9-71	J. HESS
CHANGE NO. 00050		
TUI0		
DEC FORM NO. 102A		

FIRST USED ON QTY/MOD	QTY.	DESCRIPTION	PART NO.	ITEM NO.
TUI0				
UNLESS OTHERWISE SPECIFIED				
MATERIAL				
FINISH				
SCALE				
SHEET 1 OF 2				
PARTS LIST				
digital EQUIPMENT CORPORATION				
TITLE				
MASTER BUS DRIVERS & INTERCONN				
PART NO. TUI-12				
REV A				
SIZE CODE				
DIBS TUI-0-12				
DIST.				

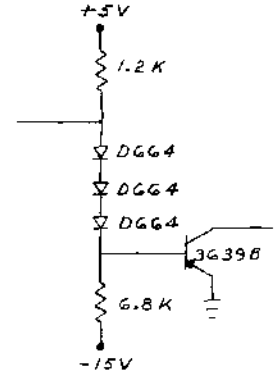
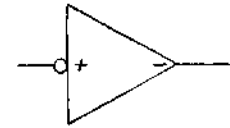
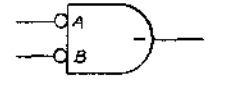
PART NUMBER DIBS TUI0-0-12

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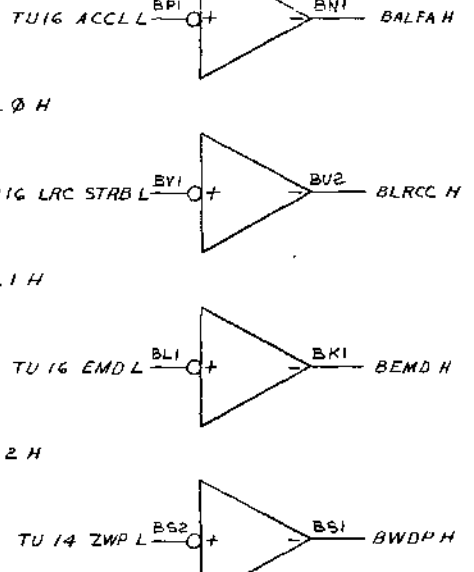
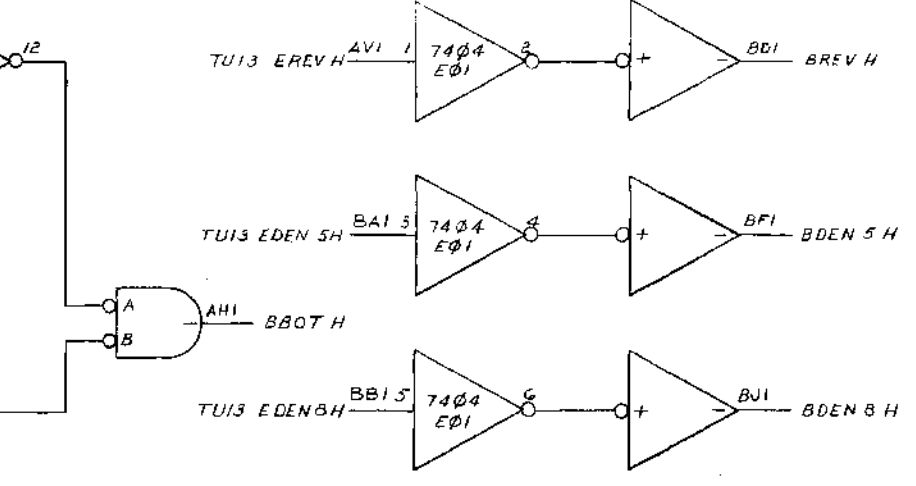
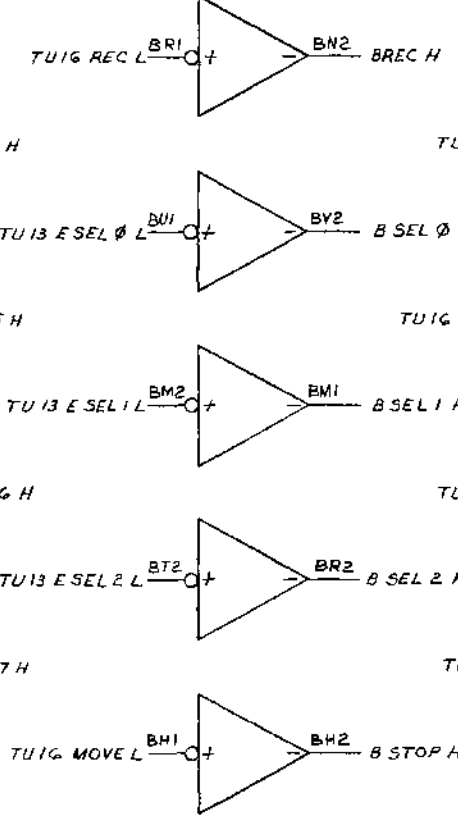
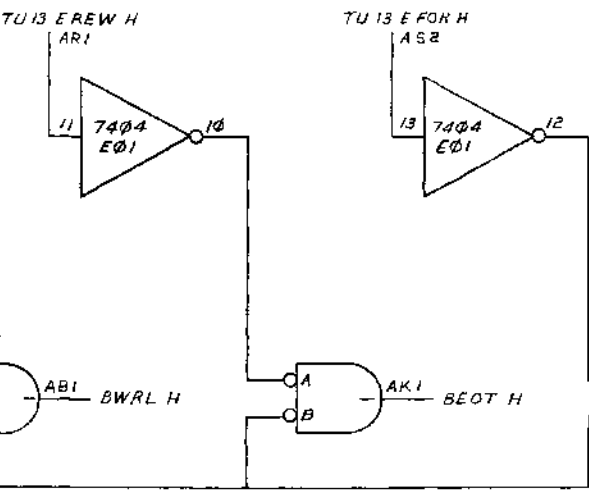
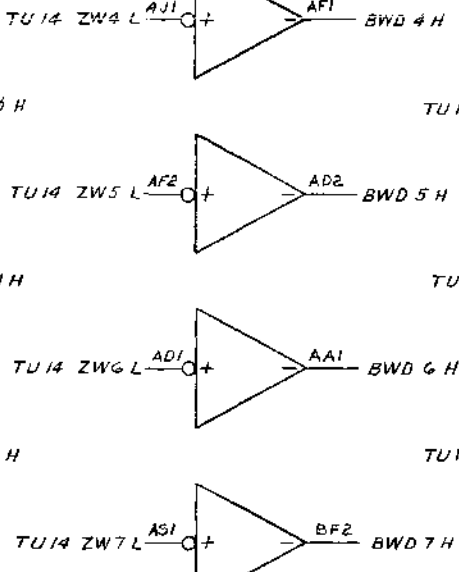
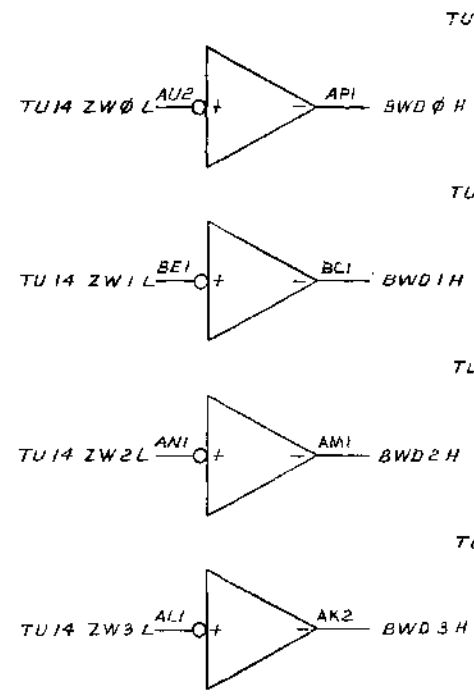
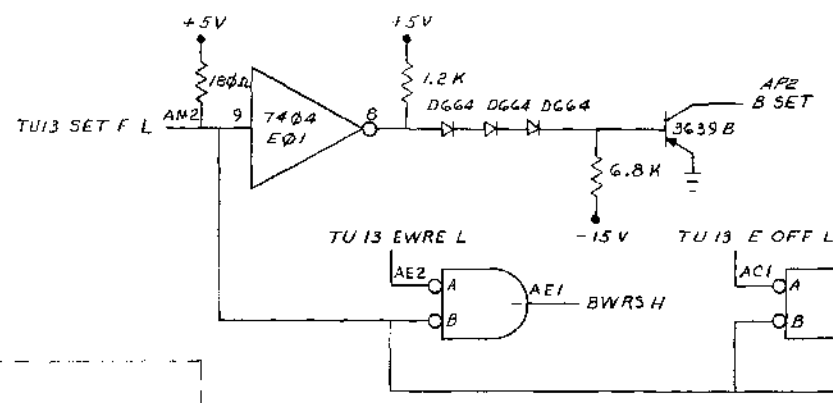
2



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



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



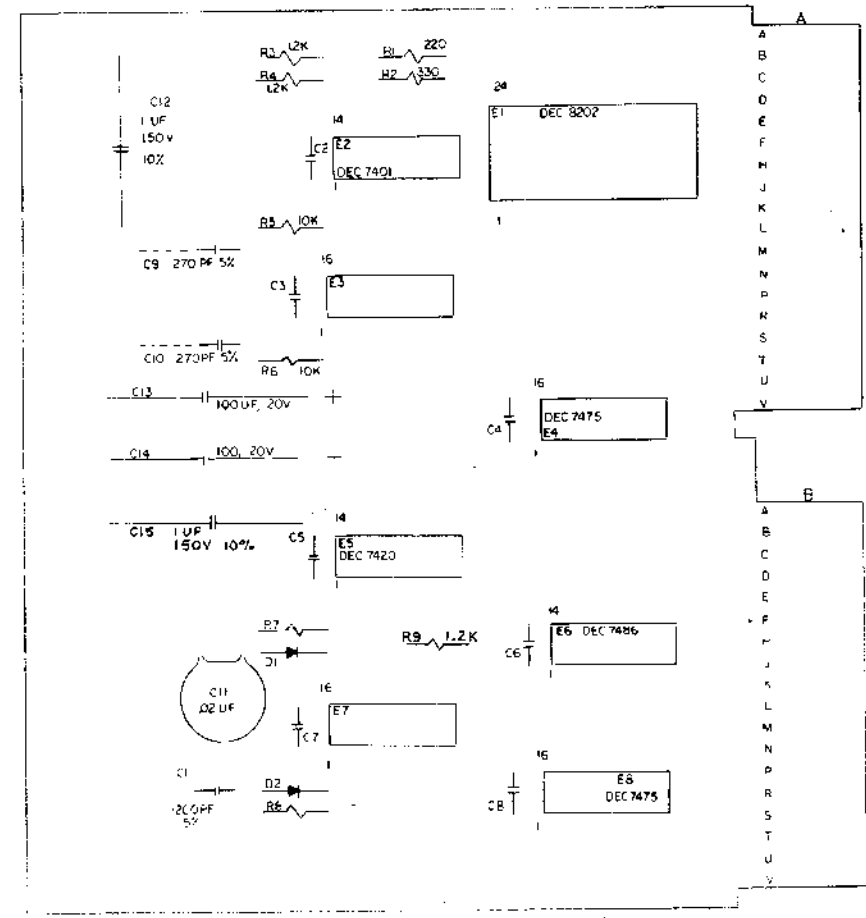
NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL GATES ARE M7G71 AND LOCATED IN SLOT AB14.

FIRST USED ON OPT/MOD	QTY.	DESCRIPTION	PART NO	ITEM NO.
TU10				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED				
DRN	DATE	digital EQUIPMENT CORPORATION		
CHKD	DATE	MASTER BUS DRIVERS & INTERCONN		
ENG	DATE	TU-12		
PROJ ENG	DATE	REV. A		
PROD	DATE	SHEET 2 OF 2		
MATERIAL				
FINISH				

REV	CHANGE NO	REVISIONS

DEC 1971

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QTY.	REF. DESIGNATION	DESCRIPTION	DEC PART NO.	QTY.
2		MODULE, PLIP CHIP - MAGENTA	W009337-06	25
4		RYELET, HANDLE	9006732	24
1	R1	I.C. DEC 8202	1910273	23
2	R3, 7	I.C. DEC 74122	1910436	22
1	R6	I.C. DEC 7486	1910011	21
2	R4, 8	I.C. DEC 7475	1909050	20
1	R2	I.C. DEC 7401	1905580	19
1	R5	I.C. DEC 7420	1905577	18
2	R7, 9	RES. 8.2K 1/4W 5%	1303179	17
3	R3, 4, 9	RES. 1.2K 1/4W 5%	1301120	16
2	R5, 6	RES. 10K 1/4W 5%	1300479	15
1	R2	RES. 330 1/4W 5%	1300395	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	1000062	10
1	C1	CAP. 1200PF 100V 5% D.M.	1002619	9
7	C2 - C8	CAP. .01UF 100V 20% D.S.C.	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 WRD	5009577	4
		MODULE ECC HIS	B-M7672-0-5	3
		ASSY/DRILLING	D-AB-7672-0-5	2
		X-Y COORDINAT. FILE	K-CC-7672-0-4	1
		DESCRIPTION	DEC PART NO.	
		PARTS LIST		

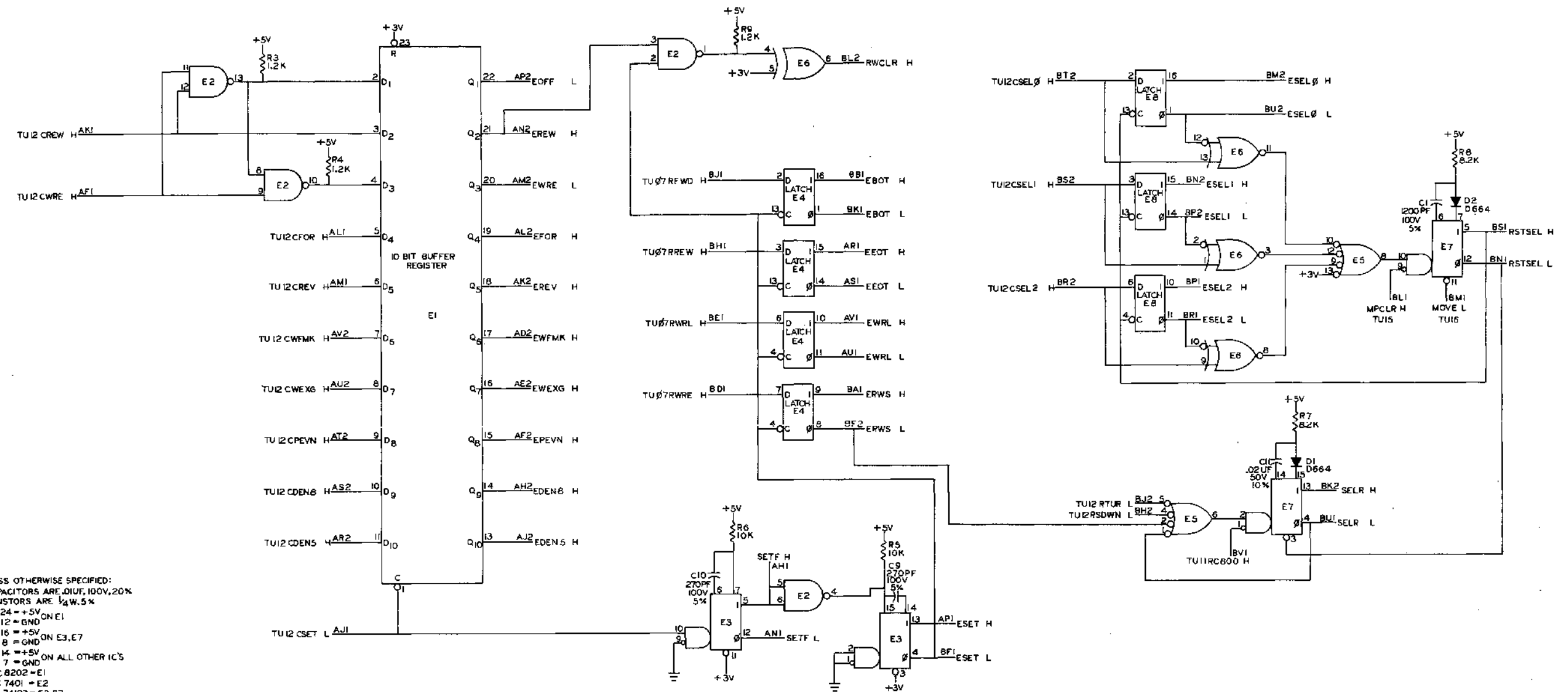
REV.	DATE	BY	CHKD
1	10/20/71	Walt	
2	11/17/71		

DATE	BY	CHKD
10/20/71	Walt	
11/17/71		

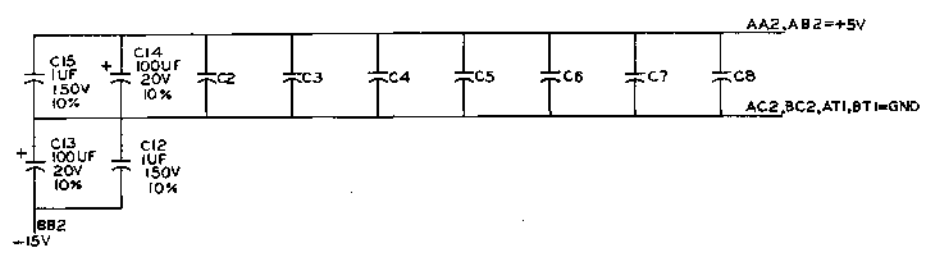
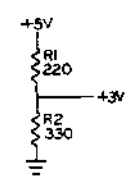
TRANSISTOR & DIODE CONVERSION CHART	DATE	BY	CHKD
DEC	10/20/71	Walt	
EIA	11/17/71		

digital EQUIPMENT CORPORATION
 TITLE: TU 10 COMMANDERS TU13
 SHEET: 2 OF 2
 SIZE: D CS
 REV: A
 PRINTED CIRCUIT

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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 ON E1
 PIN 16 = +5V ON E3, E7
 PIN 8 = GND ON E3, E7
 PIN 14 = +5V ON ALL OTHER IC'S
 PIN 7 = GND ON ALL OTHER IC'S
 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

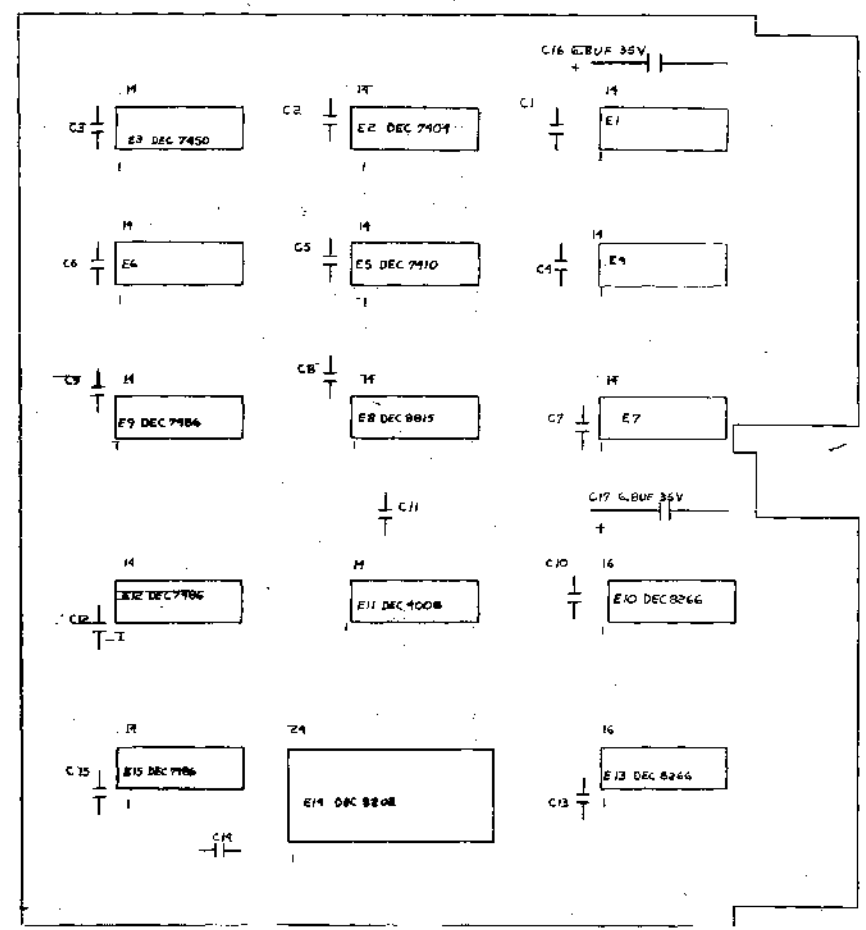


REV. A
 M7672-0-1

REV. A	DATE 2-19-71	DESIGNED BY R. J. GUGLIEMINI	DATE 2-19-71	TRANSISTOR & DIODE CONVERSION CHART	<table border="1"> <tr> <td>DEC</td> <td>51A</td> <td>DEC</td> <td>51A</td> </tr> <tr> <td>DEC</td> <td>51A</td> <td>DEC</td> <td>51A</td> </tr> </table>	DEC	51A	DEC	51A	DEC	51A	DEC	51A	<table border="1"> <tr> <td>DATE</td> <td>DATE</td> <td>DATE</td> <td>DATE</td> </tr> <tr> <td>DATE</td> <td>DATE</td> <td>DATE</td> <td>DATE</td> </tr> </table>	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	<table border="1"> <tr> <td>DATE</td> <td>DATE</td> <td>DATE</td> <td>DATE</td> </tr> <tr> <td>DATE</td> <td>DATE</td> <td>DATE</td> <td>DATE</td> </tr> </table>	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	<table border="1"> <tr> <td>DATE</td> <td>DATE</td> <td>DATE</td> <td>DATE</td> </tr> <tr> <td>DATE</td> <td>DATE</td> <td>DATE</td> <td>DATE</td> </tr> </table>	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
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REV. A	DATE 2-19-71	DESIGNED BY R. J. GUGLIEMINI	DATE 2-19-71																																					
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digital EQUIPMENT CORPORATION
 TITLE TU 10 COMMAND BUFFERS TU13
 SHEET CODE D CS NUMBER M7672-0-1 REV. A
 PRINTED CIRCUIT BY B

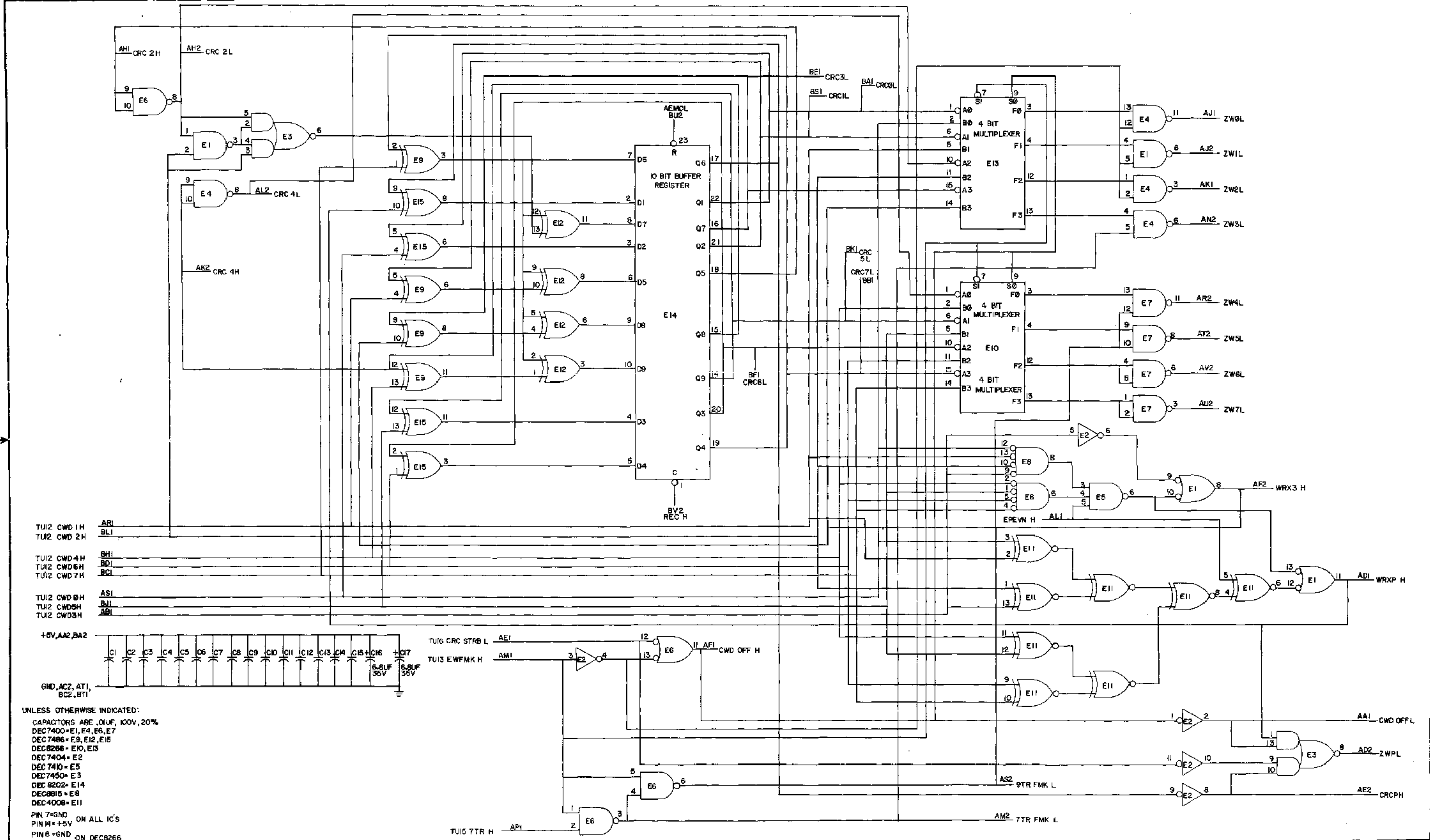
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A/R	DESCRIPTION	QTY	REF. DESIG.
4	HANDLE, EYEBOLT	9006732	17
2	HANDLE, FLIP CHIP - MAGENTA	9008137-06	16
1	HL4	I.C. DEC 8202	18
1	E11	I.C. DEC 4008	14
3	E12, 15, 9	I.C. DEC 7406	13
2	E10, 13	I.C. DEC 8266	12
1	E8	I.C. DEC 8815	11
1	E2	I.C. DEC 7404	10
1	E3	I.C. DEC 7450	9
1	E5	I.C. DEC 7410	8
1	E1, 4, 5, 7	I.C. DEC 7400	7
15	C1 - 15	CAP. .01UF 100V 20%	6
2	C16, 17	CAP. E.RUF 15V 20%	5
1	ETCHED CIRCUIT BOARD	500 9536	4
1	PCB MODULE LIBRARY	S-M-M891-0-5	3
1	ASSY/DRILLING HOLD LAYOUT	U-AH-M891-0-5	2
1	KEY COORDINATE HOLD LOCATION	K-CO-M891-0-4	1
1	DESCRIPTION	DRC PART NO.	1

REVISIONS CHG NO REL	DATE 1/15/71	DESIGNED C. L. W. P. R.	CHECKED DATE	DATE DATE	DATE DATE
	DATE DATE	DATE DATE	DATE DATE	DATE DATE	DATE DATE
TRANSISTOR & DIODE CONVERSION CHART			TITLE CRC AND WRITE GATING TU14		
DEC	EIA	DEC	DEC	DEC	DEC
EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS			SIZE D CS	NUMBER M891-0-1	REV C
PRINTED CIRCUIT REV.			0	PAGE 1 OF 2	

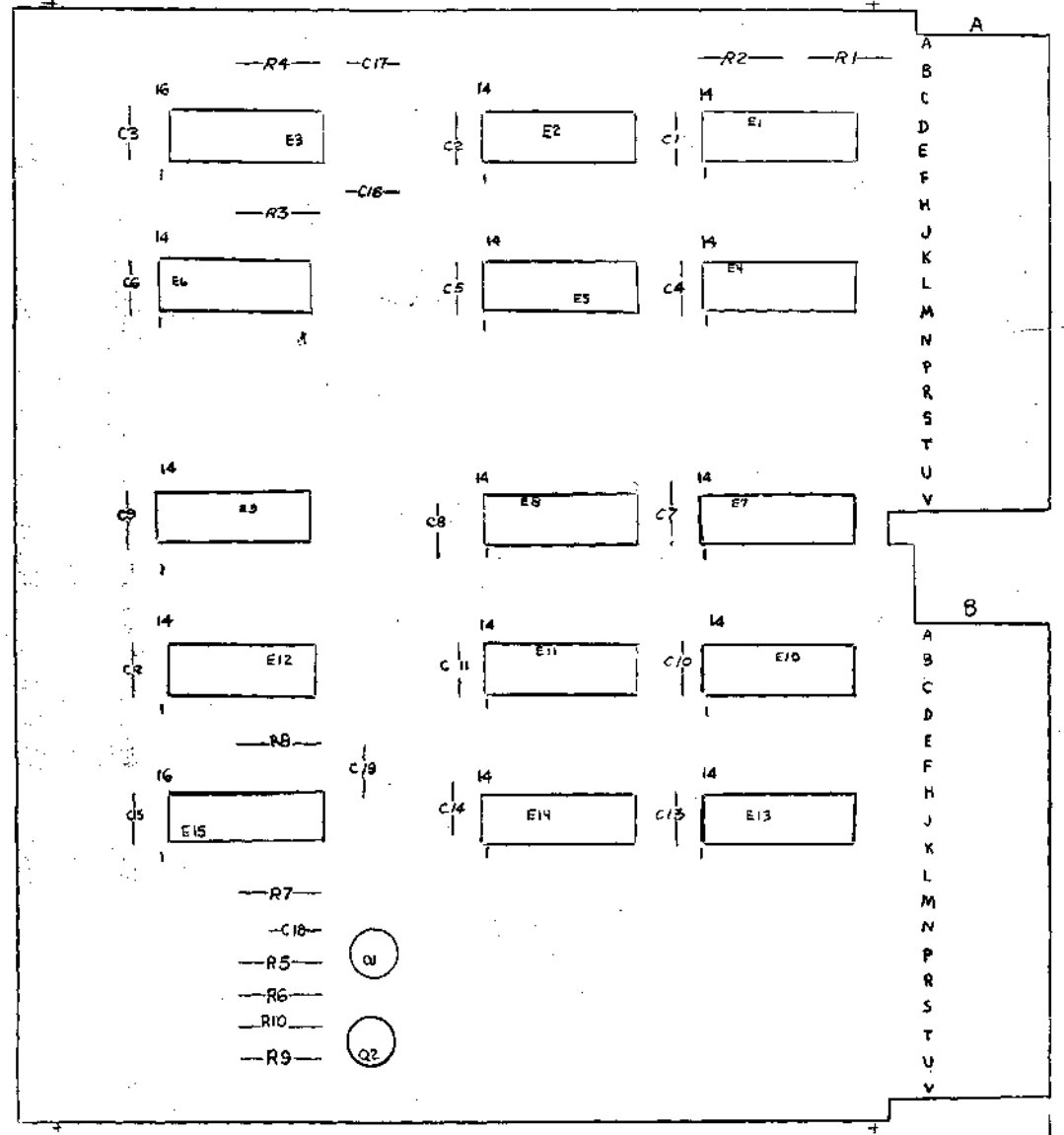
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UNLESS OTHERWISE INDICATED:
 CAPACITORS ARE .01UF, 100V, 20%
 DEC7400 = E1, E4, E6, E7
 DEC7406 = E9, E12, E15
 DEC8266 = E10, E13
 DEC7404 = E2
 DEC7410 = E5
 DEC7450 = E3
 DEC 8202 = E14
 DEC8815 = E8
 DEC4008 = E11
 PIN 7 = GND ON ALL IC'S
 PIN 14 = +5V
 PIN 6 = GND ON DEC8266
 PIN 16 = +5V
 PIN 12 = GND
 PIN 24 = +5V ON DEC8202

REVISIONS		TRANSISTOR & DIODE CONVERSION CHART				TITLE	PART NO.	REV
NO.	DATE	DEC	L/A	E/A	AND WRITE GATING TU14			
1	1/27/71				digital	MB91-0-1	C	
2	5/7/71				EQUIPMENT			
3	8/24/71				CORPORATION			
4	8/24/71				PRINTED CIRCUIT REV.			

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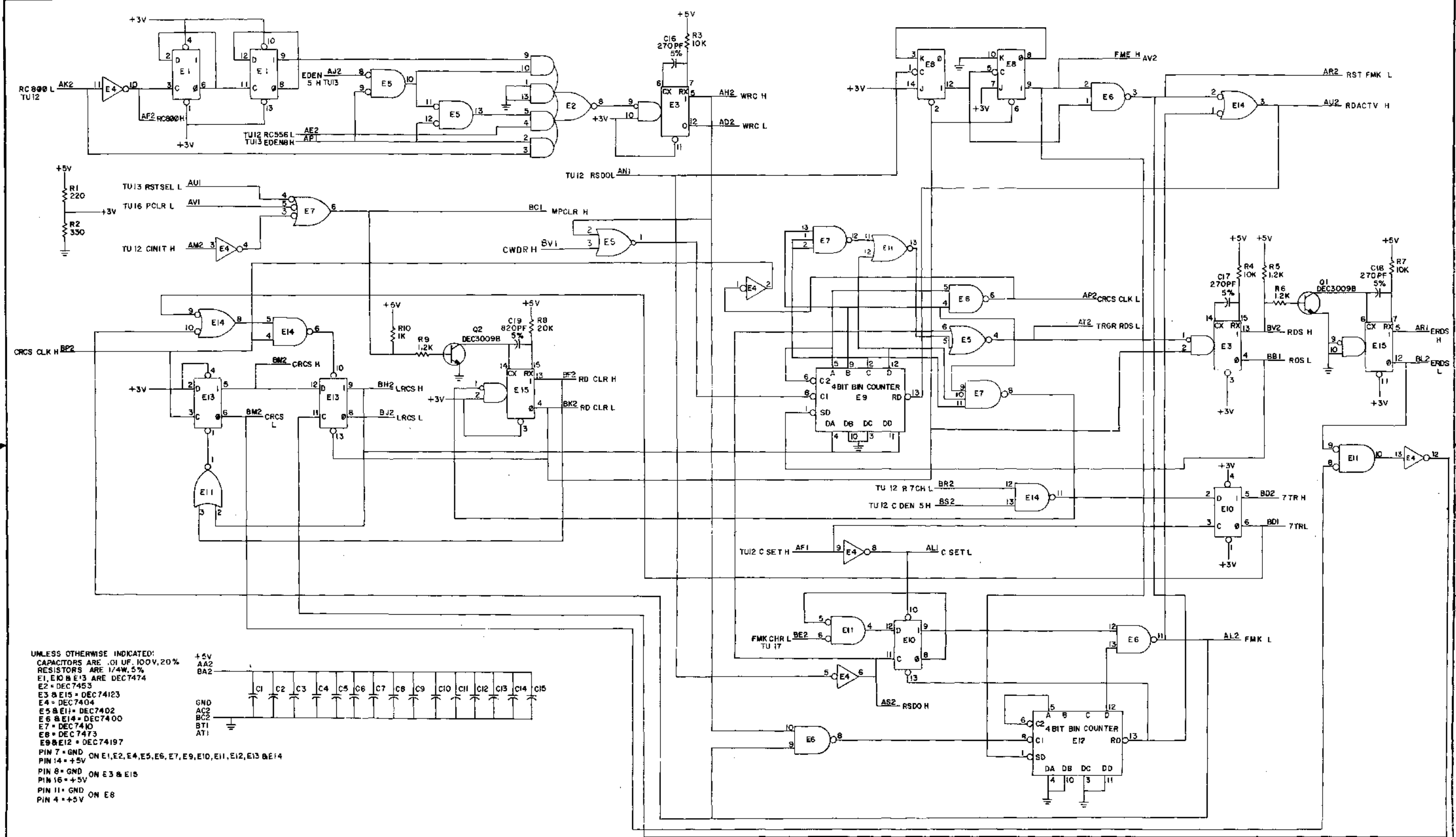
QTY.	REF DESIGNATION	DESCRIPTION	MANUFACTURER	PART NO.	REV.
2		TRANSISTOR, PNP, CBIP - MAGNETA		9008337-06	26
4		EYELET #694-7		9006732	25
1	R1	I.C. DEC 7473		1905597	24
2	R3, 15	I.C. DEC 74123		1910436	23
2	R9, 12	I.C. DEC 74197		1910035	22
1	R4	I.C. DEC 7404		1909446	21
2	R5, 11	I.C. DEC 7402		1907884	20
1	R2	I.C. DEC 7453		1905542	19
1	R7	I.C. DEC 7410		1905576	18
2	R6, 14	I.C. DEC 7400		1905575	17
3	R1, 10, 13	I.C. DEC 7474		1905547	16
2	Q1, 2	TRANSISTOR DEC 3009B		1503100	15
1	R8	RES. 20K $\frac{1}{4}$ W 5%		1302391	14
3	R5, 6, 9	RES. 1.2K $\frac{1}{4}$ W 5%		1301320	13
3	R3, 4, 7	RES. 10K $\frac{1}{4}$ W 5%		1300479	12
1	R10	RES. 1K $\frac{1}{4}$ W 5%		1300365	11
1	R2	RES. 330 $\frac{1}{4}$ W 5%		1300295	10
1	R1	RES. 220 $\frac{1}{4}$ W 5%		1300271	9
					8
15	C1-15	CAP. .01UF 100V 20% DISC		1001610	7
1	C19	CAP. 820PF 100V 5% D.M.		1000027	6
3	C16, 17, 18	CAP. 270PF 100V 5% D.M.		1000022	5
1	500 9576	ETCHED CIRCUIT BOARD		5009576	4
		MODULE BCU HISTORY		B-M895-0-6	3
		ASSY/LAYOUTING MODULE LAYOUT		D-M895-0-5	2
		X-Y COORDINATE MODULE LOCATION		K-CO-M895-0-4	1
		DESCRIPTION		MAC PARTS NO.	
		PARTS LIST			

REVISIONS

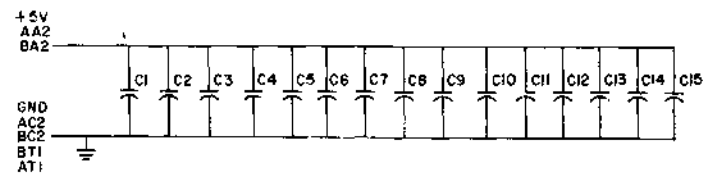
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4	11-1-71	
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7	11-1-71	
8	11-1-71	
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26	11-1-71	
27	11-1-71	
28	11-1-71	
29	11-1-71	
30	11-1-71	

DATE: 8-19-71
 DRAWN BY: S. COOPER
 CHECKED BY: J. H. COOPER
 TITLE: TRANSISTOR & DIODE CONVERSION CHART
 EQUIPMENT CORPORATION
 READ TIMING TU 15
 SHEET 1 OF 2

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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



REVISIONS
DATE
BY

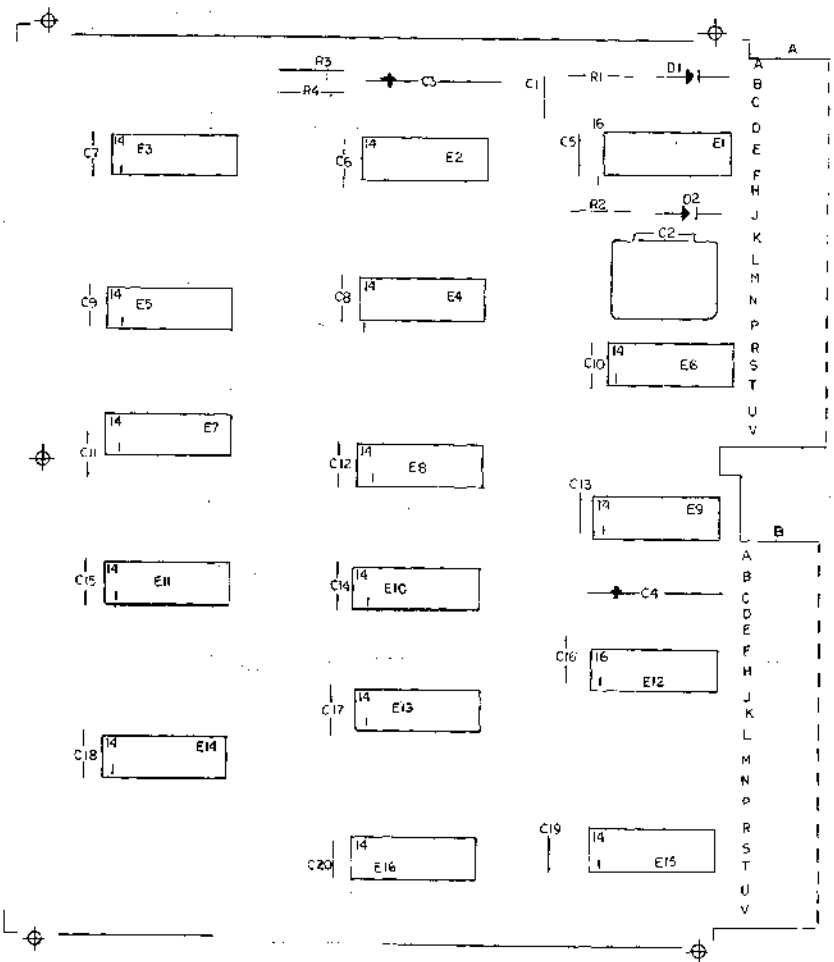
DATE
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DATE
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TRANSISTOR & DIODE CONVERSION CHART			
DEC	EMA	DEC	EMA
DEC-0093	MONF		

digital
EQUIPMENT CORPORATION

SHEET 2 OF 2
TITLE
READ TIMING TU15
SIZE D CS M895-0-1
NUMBER
REV J

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.



QTY.	REF DESIGNATION	DESCRIPTION	DEC PART NO.	REV
2		MARKER, FLIP CHIP - ARGENTA	9008337-06	22
4		EYELET #064-7	9006732	21
1	R1, 2	I.C. DEC 8266	1909934	20
3	R3, 10, 13	I.C. DEC 7400	1905575	18
2	R6, 16	I.C. DEC 7474	1905547	18
3	R4, 6, 13	I.C. DEC 7402	1909004	17
5	R3, 5, 7, 11, 14	I.C. DEC 74197	1910035	16
1	R2	I.C. DEC 7440	1905579	13
1	R1	I.C. DEC 74123	1910496	14
1	R4	RES. 330 OHM 5%	1300295	12
1	R3	RES. 220 OHM 5%	1300271	12
1	R2	RES. 7.5K OHM 5%	1301422	11
1	R1	RES. 1.8K OHM 5%	1300398	10
2	D1, 2	DIODE D664	1100114	8
16	C5 thru C20	CAP. 0.1UF 100V 20% DISC	1001610	8
2	C2, 4	CAP. 6.8UF 35V 20% S. TANT	1000067	7
1	C1	CAP. 2700PF 100V 5%	1001637	6
1	C1	CAP. 1200PF 100V 5%	1002424	5
1		ETCHED CIRCUIT BOARD	9009894	4
		MODULE ECC HISTORY	0-AH-892-0-5	3
		ASSY/DRILLING HOLE LAYOUT	0-AH-892-0-5	2
		X-Y COORDINATE HOLE LOCATION	K-CC-892-0-4	1
		DESCRIPTION	DEC PART NO.	REV
		PARTS LIST	SHEET 1 OF 2	

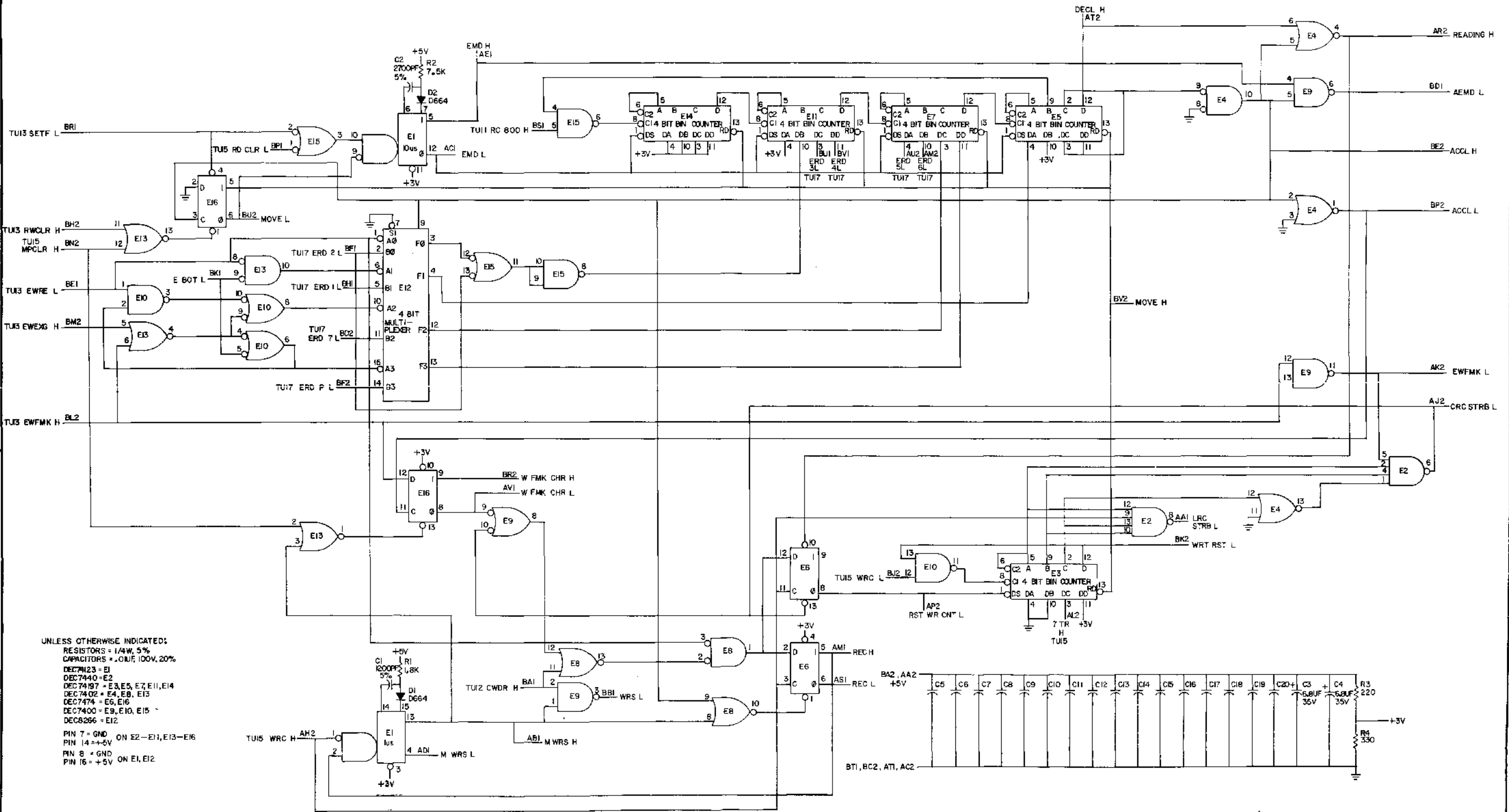
REV	DATE	BY	CHKD
1	12/28/71	Nancy Moore	
2	1/25/72		
3			
4			
5			
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7			
8			
9			
10			

DATE: 12/28/71
 BY: Nancy Moore
 CHKD: [Signature]
 DATE: 1/25/72
 BY: [Signature]
 CHKD: [Signature]

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA

digital CORPORATION
 EQUIPMENT CORPORATION
 TITLE: TU10 WRITE 8 GAP TIMING TU16
 NUMBER: M892-0-1
 REV: E
 PRINTED CIRCUIT REV: E

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UNLESS OTHERWISE INDICATED:
 RESISTORS - 1/4W, 5%
 CAPACITORS - .01MFD, 100V, 20%
 DEC7423 = E1
 DEC7440 = E2
 DEC74197 = E3, E5, E7, E11, E14
 DEC74102 = 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 ON E1, E12

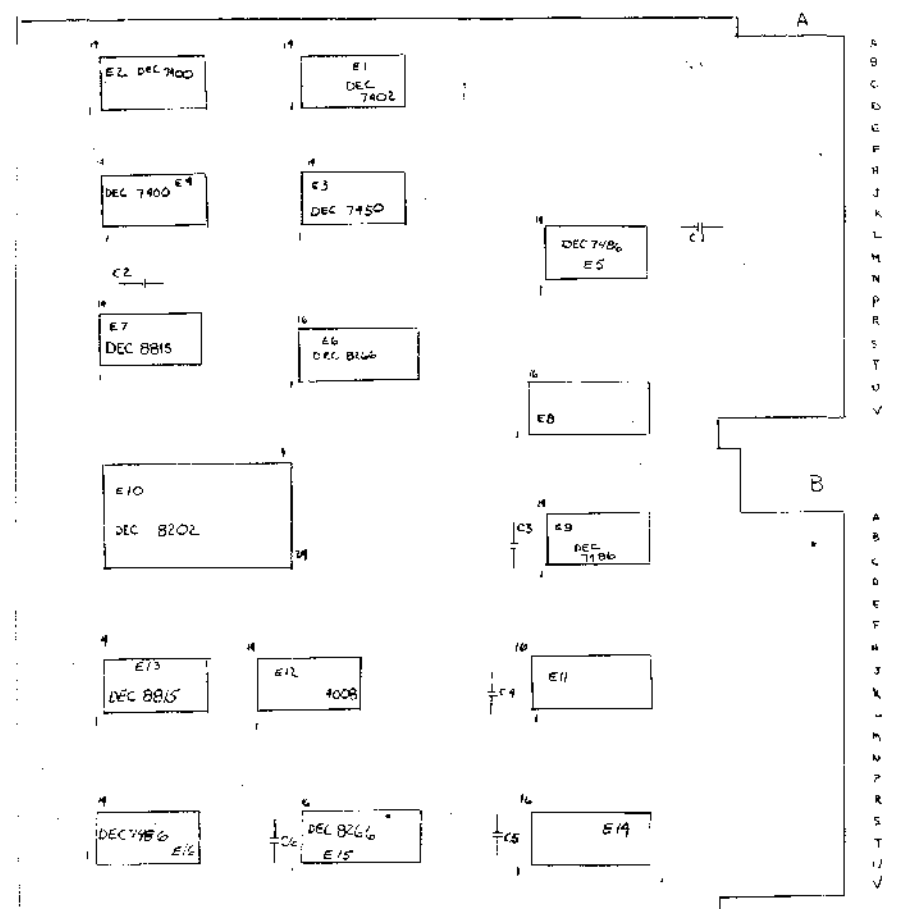
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 CHECKED
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 APPROVED
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 BY

REVISIONS CHG NO. RELY.	DATE	BY	DATE	BY	DATE	BY
	1	2-28-64	NANCY HOOVER	4-28-64	TRM/DG	

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DG64	TRM/DG		

TITLE TUI6 WRITE & GAP TIMING TUI6		SIZE D CS	CODE M892-0-1	NUMBER E
EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		PRINTED CIRCUIT REV		

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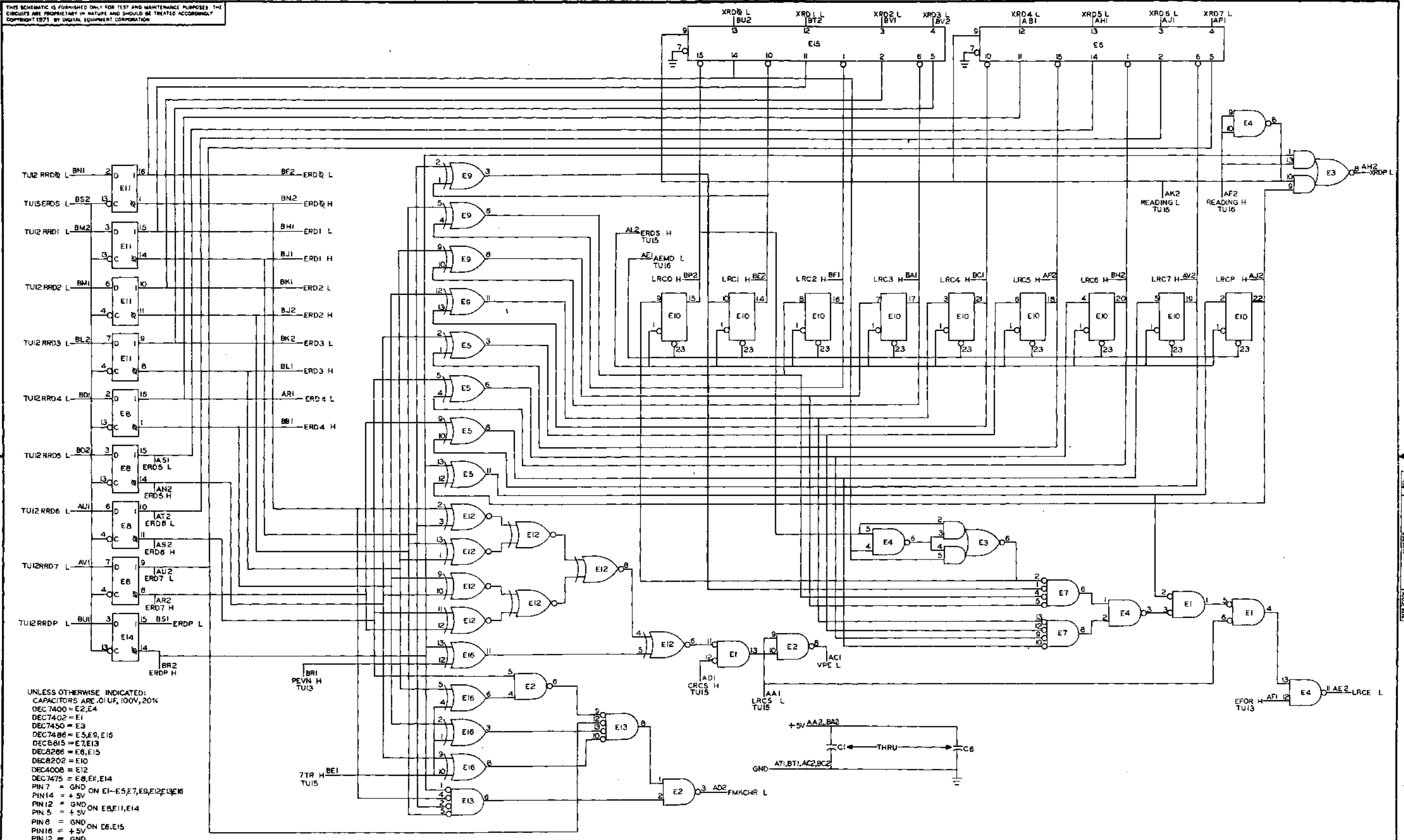


QTY.	REF DESIGNATION	DESCRIPTION	PARTS LIST	SHEET OF 22	EC PART NO.
2		HANDLE, FLIP CHIP - NAGETNA	9008337-06	16	
4		SYBLET NG64-7	9006732	15	
3	E5, 9, 16	I.C. DEC 7486	1910011	14	
1	E10	I.C. DEC 8202	1910275	13	
1	E12	I.C. DEC 4008P	1910270	12	
2	E6, 15	I.C. DEC 8266	1909934	11	
2	E7, 13	I.C. DEC 8815	1909713	10	
3	E2, 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 150V 20% DISC	1001610	5	
1		ETCHED CIRCUIT BOARD	5009569	4	
		MODULE ECO HI	B-MH-K7673-0-6	3	
		ASSY/DRILLING HOLE LAYOUT	-AH-K7673-0-5	2	
		X-Y COORDINAT HOLE LOCATION	CO-K7673-0-4	1	

REVISIONS CHG NO INV	DATE		TRANSISTOR & DIODE CONVERSION CHART		TITLE TU DATA CKER TU17
	DEC	EIA	DEC	EIA	
					SIZE CODE D CS 673-0-1 REV. A
			EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS PRINTED CIRCUIT BOARD		

D | CS | M7673-0-1 | A

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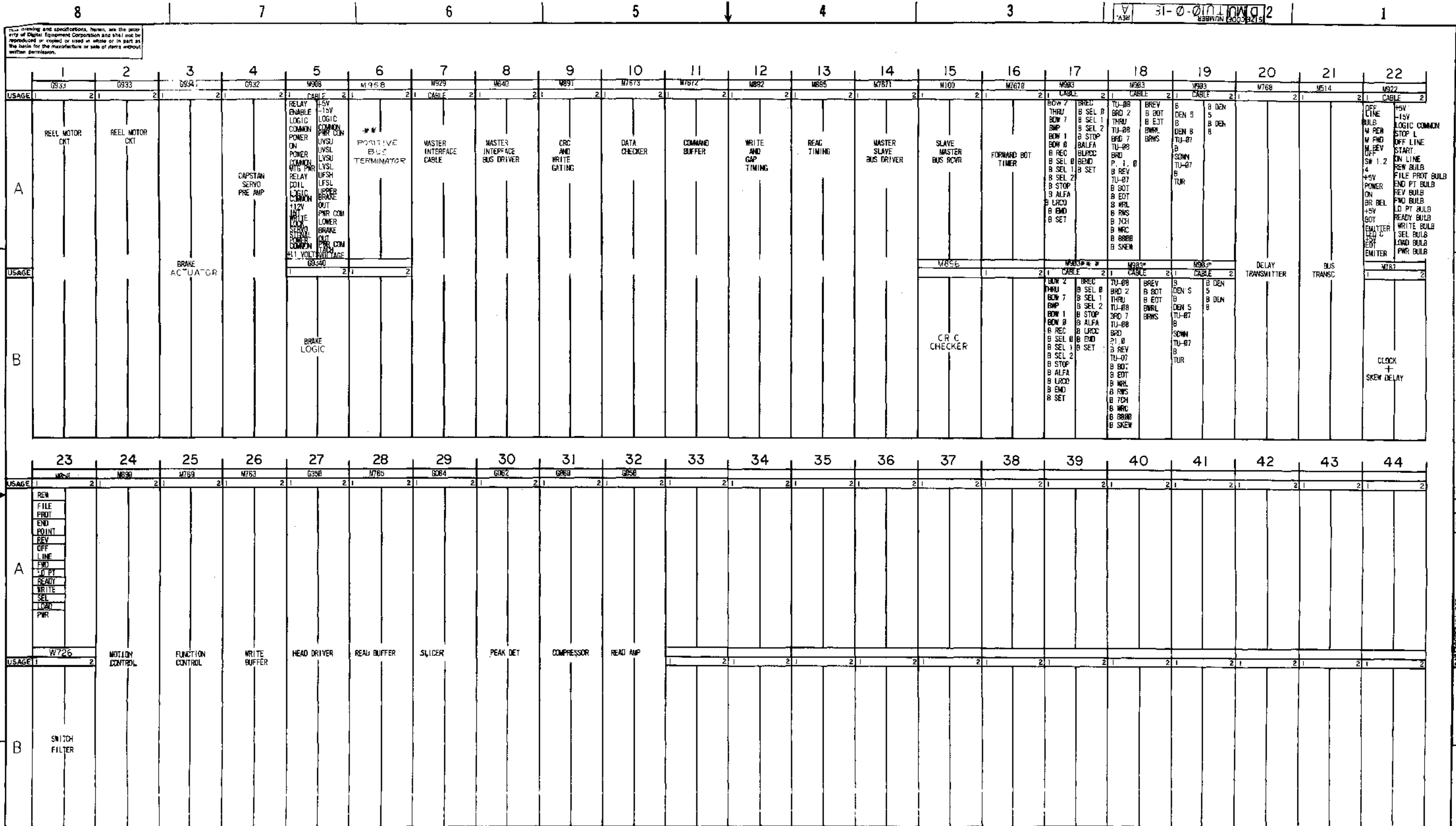


UNLESS OTHERWISE INDICATED:
 CAPACITORS ARE .01UF, 100V, 20%
 DEC7400 = E2, E4
 DEC7402 = E1
 DEC7450 = E3
 DEC7486 = E5, E9, E16
 DEC8615 = E7, E13
 DEC8266 = E8, E15
 DEC8202 = E10
 DEC4008 = E12
 DEC7475 = E8, E11, E14
 PIN 7 = GND ON E1-E5, E7, E9, E12, E13, E16
 PIN 14 = +5V
 PIN 12 = GND ON E8, E11, E14
 PIN 5 = +5V
 PIN 8 = GND
 PIN 16 = +5V ON E6, E15
 PIN 12 = GND
 PIN 24 = +5V ON E10

REVISIONS CHG NO. REV.	DATE	TRANSISTOR & DIODE CONVERSION CHART				digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE TU-10 DATA CHECKER TU17	
	DATE	DEC	EIA	DEC	EIA		SIZE D	CODE CS	NUMBER M7673-0-1	REV. A

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. Fen</i>		PROD <i>BE Cross</i>		ISSUED SECT.																				
DATE 4-25-71		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	TUL0 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-TUL0-0-18		SIZE CODE A PL		NUMBER TUL0-0-18				REV. A		ECO NO. TUL0-00050										
				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. Fen</i>		PROD <i>BE Cross</i>		ISSUED SECT.																				
DATE 4-25-71		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-TUL0-0-18		SIZE CODE A PL		NUMBER TUL0-0-18				REV. A		ECO NO.										
				SHEET 2 OF 2		DIST.																		



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31-0-01010-2

REV	A	DATE	8-15-71
CHK		DATE	
CHG		DATE	
APP		DATE	

* FOR UNITS ON FILE TO BE USED 8741
 ** NOT REQUIRED WHEN TMI CONTROL IS USED.
 *** FOR UNITS ON FILE TO BE USED 8741X

FIRST USED ON OPTION/ MODEL TU10	DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	DRN: [Signature] CHK: [Signature]	DATE: 8-15-71	
DECIMALS = 008	FRACTIONS = 1/64	ANGLES = 0:30	DATE: 8-15-71	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS			DATE: 8-15-71	
MATERIAL: N			DATE: 8-15-71	
FINISH: H	NEXT HIGHER ASSY H-ML-TU10-EP		SCALE: 1/1	MODULE UTILIZATION SIZE CODE: DMU NUMBER: TU10-0-18 DIST:
SHEET: 1 OF 1		REV: A		

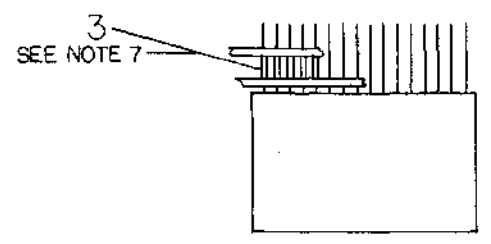
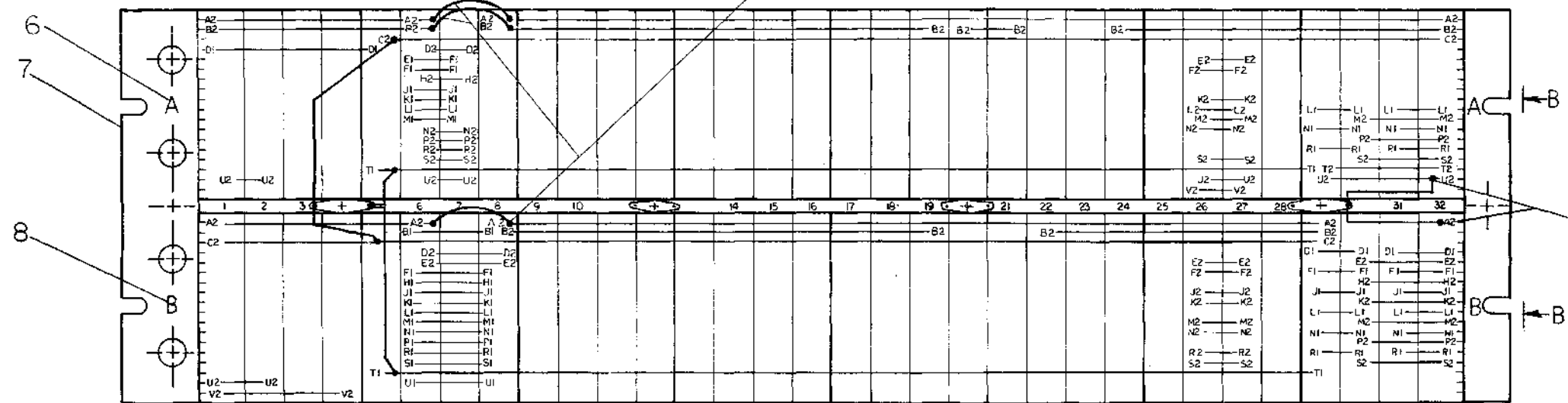
SPEC. NUMBER: DMU-TU10-0-18

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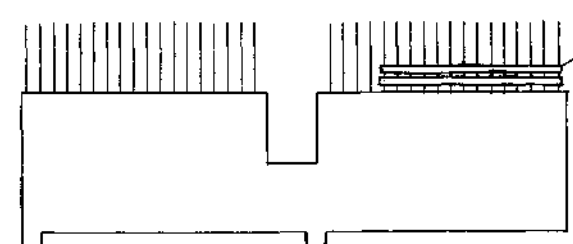
HORIZONTAL BUSSING, 2ND LEVEL					
A SIDE		B SIDE		B SIDE (CONTINUED)	
FROM	TO	FROM	TO	FROM	TO
A29 L2	A31 L2	B29 D2	B31 D2	B06L2	B08L2
A29 N2	A31 N2	B29 F2	B31 F2	B06M2	B08M2
A29 R2	A31 R2	B29 J2	B31 J2	B06N2	B08N2
A26 T2	A27 T2	B29 L2	B31 L2	B06P2	B08P2
		B29 H2	B31 H2	B06R2	B08R2
		B29 K2	B31 K2	B06S2	B08S2
		B06A1	B08A1	B06T2	B08T2
		B06C1	B08C1	B06U2	B08U2
		B06F2	B08F2		
		B06K2	B08K2		

VERTICAL BUSSING, 2ND LEVEL			
A SIDE		B SIDE	
FROM	TO	FROM	TO
A32 M2	A32 P2	B32 H2	B32 C2
A32 P2	A32 S2	B32 C2	B32 F2
A32 S2	A32 U2	B32 E2	B32 H2
		B32 H2	B32 K2
		B32 L2	B32 M2
		B32 N2	B32 P2
		B32 R2	B32 S2

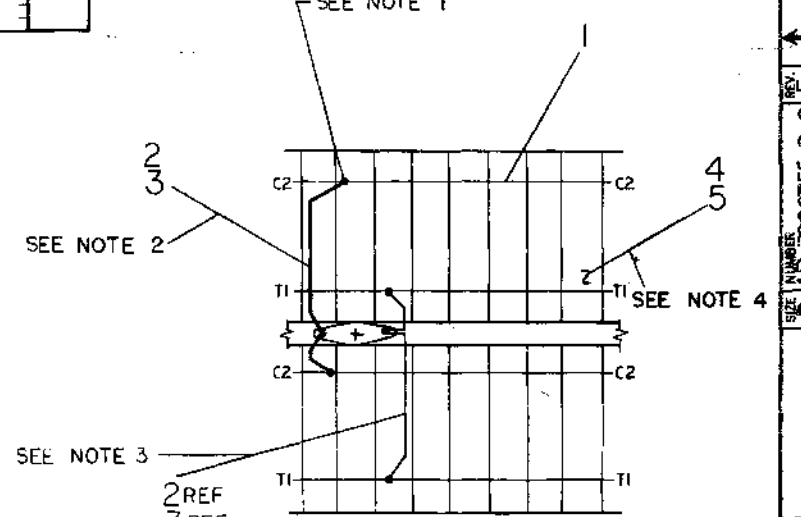
- NOTES:
- CONNECTIONS ON ITEM NUMBER 1 & 2 TO BE LOCATED AND SOLDERED AT MINIMUM PRACTICAL HEIGHT ABOVE BLOCKS.
 - ALL CONNECTOR BLOCKS TO BE GROUNDED TO GROUND LUGS AS SHOWN.
 - JUMPER GROUND BUSSING AS SHOWN, 8 PLACES.
 - USE YELLOW WIRE (ITEM #4) FOR MACHINE WRAPPED AND BLUE WIRE (ITEM #5) FOR HAND 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.	CHANGE NO.	DATE	BY	CHKD.
1	1	12-22-70	J. Bardone	J. Bardone
2	2	1-2-71	J. Bardone	J. Bardone
3	3	2-2-71	J. Bardone	J. Bardone
4	4	2-2-71	J. Bardone	J. Bardone
5	5	2-2-71	J. Bardone	J. Bardone
6	6	2-2-71	J. Bardone	J. Bardone
7	7	2-2-71	J. Bardone	J. Bardone
8	8	2-2-71	J. Bardone	J. Bardone

WIRE TABLE					FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
ITEM NO.	DESCRIPTION	FROM	TO	SIGNAL	TUIØ				
9	24 RED	A22B2	A19B2	-15V					
		B22B2	B19B2	-15V					
		A20B2	B20B2	-15V INT					
		A20B2	A16H2	-15V INT					
9	24 RED	A22B2	A25B2	-15V					

WIRED ASS'Y
TUIØ

DATE	12-22-70	DATE	2-2-71	DATE	2-2-71	DATE	2-2-71
BY	J. Bardone	BY	J. Bardone	BY	J. Bardone	BY	J. Bardone
CHKD.	J. Bardone	CHKD.	J. Bardone	CHKD.	J. Bardone	CHKD.	J. Bardone
PROD.	B. G. Goss	PROD.	B. G. Goss	PROD.	B. G. Goss	PROD.	B. G. Goss
SCALE	NONE	SCALE	NONE	SCALE	NONE	SCALE	NONE
SHEET	1 OF 1	SHEET	1 OF 1	SHEET	1 OF 1	SHEET	1 OF 1

DIGITAL EQUIPMENT CORPORATION
 MAYNARD, MASSACHUSETTS
PARTS LIST

QUANTITY/VARIATION


MADE BY	R. ROICHAUD	CHECKED	J. FLEMING	SECTION
DATE	12-1-70	DATE	12-22-70	1
ENG		PROD	B E Goss	ISSUED SECT.
DATE	J Burdonk 2-18-71	DATE	2-19-71	1

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION
1	1205541	BUS STPIP
2	9107560-01	#22 AWG BUS WIRE
3	9107265	#22 AWG TUBING, TEFLON WHITE
4	9105740-44	WIRE, #30 AWG SOLID KYNAR INS (YEL)
5	9105740-66	WIRE, #30 AWG SOLID KYNAR INS (BLU)
6	B-DC-5308753-2-0	21 POINT DECALS
7	D-AD-5404491-0-0	M911 MTG PANEL
8	B-DC-5308753-4-0	21 POINT DECALS

TITLE	ASSY NO.	SIZE	CODE	NUMBER	RIV	ECO NO
WIRED ASSY TUIA	D-AD-5404491-0-0	A	PL	7006755-0-0	D	7006755-0-0
SHEET 1	OF 1	DIST				

DRWG NO	REV LTR
K-WL-TUI ϕ - ϕ -2	H

REVISIONS			
REV LTR	ECCO 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.F.
D	TUI ϕ -00042	6-21-71	P.F.
E	TUI ϕ -00049	9-10-71	P.F.
F	TUI ϕ -00064	8-1-72	P.F.
H	TUI ϕ -00072	3-22-73	P.F.

DRAWN A. Raymond 2-17-71	DATE 2-17-71	 digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE WIRE LIST (TUI ϕ)
CHECKED A. Raymond 2/17/71	DATE 2/17/71		FOR TAPE # FILE *
DESIGNED J. H. ... 2/22/71	DATE 2/22/71		SIZE CODE DWG. NO. K | WL | TUI ϕ - ϕ -2
APPROVED B. E. ... 2-23-71	DATE 2-23-71		ASSY NO D-AD-7006755-0-0
SCALE NONE		SHEET OF	DIST.

TU17.H(NEW)		WRP288,V17(17) 06/22/72				25-APR-73		23:44	PAGE 1						
RUN NAME	A/P	PIN	ORDER	BAY	Q	DRAM	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
		NAME	PIN	ORDER											
+11V		A05S1		1-01 *								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				LOWER REEL MOTOR B			2
+12V		B01U2		1-02 *								LOWER REEL MOTOR B			2
+12V		B24U2		1-03 *								VAC SW+OWR CONT CO			2
+12V		B02U2		1-04 *								UPPER REEL MOTOR B			2
+12V		A02U2		1-05 *				R1				UPPER REEL MOTOR B			2
+12V		A16S2		1-06 *								FORWARD BOT TIMER			2
+12V		A04U2		1-07 *								CAPSTAN SERVO AMP			2
+12V		A01S1		1-08 *											2
+12V		A01U2		1-09 *				I				LOWER REEL MOTOR B			2
+12V				1									67-2/8		2
+12V INT		A05M1		1-01 *				R1				VAC SW+PWR CONT CO			3
+12V INT		B02S2		1-02 *				R1				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 *								LOWER REEL MTR AMP			4
+5V		B01A2		1-02 *	H							LOWER REEL MOTORAM	HAND WIRE		4
+5V		A04A2		1-03 *								CAPSTAN SERVO AMP	TO HERE		4
+5V		B04A2		1-04 *	H							CAPSTAN SERVO AMP	HAND WIRE		4
+5V		A17A2		1-05 *								I/O BUS CONN 1 IN	TO HERE		4
+5V		B17A2		1-06 *	H							I/O BUS CONN 1 OUT	HAND WIRE		4
+5V		A22A2		1-07 *								CONTROL PANEL CABL	TO HERE		4
+5V		A22K1		1-08 *								TRANS PANEL CABLE			4
+5V		A22P1		1-09 *								TRANS PANEL CABLE			4
+5V		A22U1		1-10 *								TRANS PANEL CABLE			4
+5V		B22A2		1-11 *	H							CLOCK + SKEW DELAY	HAND WIRE		4
+5V		A29A2		1-12 *								SLICER	TO HERE		4
+5V		B26A2		1-13 *								HEAD BUFFER			4
+5V				1									73-2/8		4
-12V		A04V2		1-01 *								CAPSTAN SERVO AMP			5
-12V		B04V2		1-02 *	H							CAPSTAN SERVO AMP	HAND WIRE		5
-12V		B01V2		1-03 *									TO HERE		5
-12V		A23B2		1-04 *											5
-12V		B02V2		1-05 *											5
-12V				1									47-2/8		5

TU17.H(NEW)		WRP288,V17(17) 06/22/72				25-APR-73		23:44	PAGE 2						
RUN NAME	A/P	PIN	ORDER	BAY	Q	DRAM	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
		NAME	PIN	ORDER											
-15V		A09B2		1-01 *								SLICER			6
-15V		B09B2		1-02 *	H							READ BUFFER	HAND WIRE		6
-15V		A13B2		1-03 *								HEAD DRIVER	TO HERE		6
-15V		B13B2		1-04 *	H							CLOCK + SKEW DELAY	HAND WIRE		6
-15V		A17B2		1-05 *								I/O BUS CONN 1 IN	TO HERE		6
-15V		B17B2		1-06 *	H							I/O BUS CONN 1 OUT	HAND WIRE		6
-15V		A24B2		1-07 *								MOTION CONTROL	TO HERE		6
-15V		B24B2		1-08 *	H							MOTION CONTROL	HAND WIRE		6
-15V		A27B2		1-09 *								HEAD DRIVER	TO HERE		6
-15V		A27P2		1-10 *								HEAD DRIVER			6
-15V		A27R2		1-11 *								HEAD DRIVER			6
-15V		B28B2		1-12 *	H							WRITE BUFFER			6
-15V		A22B2	A19B2	1-13 *						I			HAND WIRE		6
-15V		A19B2		1-14 *	H								TO HERE		6
-15V		A25B2	B22B2	1-15 *						I			HAND WIRE		6
-15V		B22B2	B19B2	1-16 *	H								TO HERE		6
-15V		B19B2		1-17 *									HAND WIRE		6
-15V				1									TO HERE		6
-15V				1									24-0/8		6
-15V INT		A16H2		1-01 *	H								HAND WIRE		7
-15V INT		A20B2		1-02 *	H								HAND WIRE		7
-15V INT		B20B2		1-03 *									TO HERE		7
-15V INT				1									11-4/8		7
-2.4V		A16F2		1-01 *								FORWARD BOT TIMER			8
-2.4V		B21D2		1-02 *								BUS TRANSCEIVER			8
-2.4V				1									6-5/8		8
7 TR	H	A12L2		1-01 *								WRITE + GAP TIMING			9
7 TR	H	A09P1		1-02 *								CRC + WRITE GATING			9
7 TR	H	B10E1		1-03 *								DATA CHECKER			9
7 TR	H	B13D2		1-04 *								READ TIMING			9
7 TR				1									15-4/8		9
ACCL	L	B12P2		1-01 *								WRITE + GAP TIMING			10
ACCL	L	B14P1		1-02 *								MASTER SLAVE BD			10
ACCL				1									3-6/8		10
AEMD	L	B15H2		1-01 *						I		CRC CHECKER			11
AEMD	L	A10E1		1-02 *						R1		DATA CHECKER			11
AEMD	L	B09U2		1-03 *						R1		CRC + WRITE GATING			11
AEMD	L	B12D1		1-04 *						R1		WRITE + GAP TIMING			11
AEMD				1									20-7/8		11

TU12, H(NEW)
RUN NAME

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

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	A/P	PIN	ORDER	BAY	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
1 ALPHA		A17P2		1-01 *								1 I/O BUS CONN 1 IN			12
2 ALPHA		B14N1		1-02 *								2 MASTER SLAVE BD			12
3 ALPHA		B17P2		1-03 *								1 I/O BUS CONN 1 OUT			12
4 ALPHA		B20V2		1-04 *								1 DELAY XMTR			12
5 ALPHA				1									17-0/8		12
1 ROT		A14H1		1-01 *								1 MASTER SLAVE BD			13
2 ROT		A18E2		1-02 *								2 I/O BUS CONN 2 IN			13
3 ROT		A21U1		1-03 *								1 BUS TRANSCEIVER			13
4 ROT		B18E2		1-04 *								1 I/O BUS CONN 2 OUT			13
5 ROT				1									15-3/8		13
1 DEN		A19E2		1-01 *								1 I/O BUS CONN 3 IN			14
2 DEN		B21L2		1-02 *								2 BUS TRANSCEIVER			14
3 DEN		B19E2		1-03 *								1 I/O BUS CONN 3 OUT			14
4 DEN		B14F1		1-04 *								1 MASTER SLAVE BD			14
5 DEN				1									17-7/8		14
1 DEN		A19H2		1-01 *								1 I/O BUS CONN 3 IN			15
2 DEN		B21L1		1-02 *								2 BUS TRANSCEIVER			15
3 DEN		B19H2		1-03 *								1 I/O BUS CONN 3 OUT			15
4 DEN		B14J1		1-04 *								1 MASTER SLAVE BD			15
5 DEN				1									17-0/8		15
1 SEL		A17E2		1-01 *								1 I/O BUS CONN 1 IN			16
2 SEL		B21E2		1-02 *								2 BUS TRANSCEIVER			16
3 SEL		B17E2		1-03 *								1 I/O BUS CONN 1 OUT			16
4 SEL		B14V2		1-04 *								1 MASTER SLAVE BD			16
5 SEL				1									17-3/8		16
1 SEL		A17H2		1-01 *								1 I/O BUS CONN 1 IN			17
2 SEL		B14M1		1-02 *								2 MASTER SLAVE BD			17
3 SEL		B17H2		1-03 *								1 I/O BUS CONN 1 OUT			17
4 SEL		B21H2		1-04 *								1 BUS TRANSCEIVER			17
5 SEL				1									18-6/8		17
1 SEL		A17K2		1-01 *								1 I/O BUS CONN 1 IN			18
2 SEL		B21K1		1-02 *								2 BUS TRANSCEIVER			18
3 SEL		B17K2		1-03 *								1 I/O BUS CONN 1 OUT			18
4 SEL		B14R2		1-04 *								1 MASTER SLAVE BD			18
5 SEL				1									17-2/8		18
1 SELR	L	A19D2		1-01 *								1 BUS CONNECTOR M903			19
2 SELR	L	B19D2		1-02 *								1 BUS CONNECTOR M903			19
3 SELR				1									5-6/8		19

TU12, H(NEW)
RUN NAME

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

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

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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		A16N2			1-01 *	FORWARD BOT TIMER			29
	L		B21J2			1-02 *	BUS TRANSCEIVER			29
	L		A23L2			1-03 *	LAMP DRIVER			29
	L		A25A1			1-04 *	FUNCTION CONTROL			29
						1		17-4/8		29
			A22R1			1-01 *	TRANS PANEL CABLE			30
			A25C1			1-02 *	FUNCTION CONTROL			30
						1		5-8/8		30
			A16R2			1-01 *	FORWARD BOT TIMER			31
			B23U2		R1	1-02 *	BRAKE ACUTATOR			31
			A16R2			1-03 *	FORWARD BOT TIMER			31
						1		25-4/8		31
	L		B23U1			1-01 *	SWITCH FILTER			32
	L		B24B1			1-02 *	MOTION CONTROL			32
						1		9-4/8		32
			A22N1			1-01 *	TRANS PANEL CABLE			33
			B23E1			1-02 *	SWITCH FILTER			33
						1		5-2/8		33
			A15F1			1-01 *	BUS DATA INTERFACE			34
			A18S1			1-02 *	I/O BUS CONN 2 IN			34
			B18S1			1-03 *	I/O BUS CONN 2 OUT			34
			B20R2			1-04 *	DELAY XMTR			34
						1		15-0/8		34
			A15J1			1-01 *	BUS DATA INTERFACE			35
			A18P1			1-02 *	I/O BUS CONN 2 IN			35
			B18P1			1-03 *	I/O BUS CONN 2 OUT			35
			B20P2			1-04 *	DELAY XMTR			35
						1		15-0/8		35
			A18B1			1-01 *	I/O BUS CONN 2 IN			36
			A15L1			1-02 *	BUS DATA INTERFACE			36
			B18B1			1-03 *	I/O BUS CONN 2 OUT			36
			B20C1			1-04 *	DELAY XMTR			36
						1		14-4/8		36

TU12.H(NEW)
RUN NAME

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A/P PIN ORDER BAY -
NAME PIN ORDER

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LENGTH EXCEPTIONS RUN
NUMBER

Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
			A18D1			1-01 *	I/O BUS CONN 2 IN			37
			A15N1			1-02 *	BUS DATA INTERFACE			37
			B18D1			1-03 *	I/O BUS CONN 2 OUT			37
			B20D1			1-04 *	DELAY XMTR			37
						1		14-4/8		37
			A18E1			1-01 *	I/O BUS CONN 2 IN			38
			A15R1			1-02 *	BUS DATA INTERFACE			38
			B18E1			1-03 *	I/O BUS CONN 2 OUT			38
			B20E2			1-04 *	DELAY XMTR			38
						1		14-6/8		38
			A18H1			1-01 *	I/O BUS CONN 2 IN			39
			A15V1			1-02 *	BUS DATA INTERFACE			39
			B18H1			1-03 *	I/O BUS CONN 2 OUT			39
			B20B1			1-04 *	DELAY XMTR			39
						1		14-5/8		39
			A15E2			1-01 *	BUS DATA INTERFACE			40
			A18J1			1-02 *	I/O BUS CONN 2 IN			40
			B20F1			1-03 *	DELAY XMTR			40
			B18J1			1-04 *	I/O BUS CONN 2 OUT			40
						1		15-4/8		40
			A15H2			1-01 *	BUS DATA INTERFACE			41
			A18L1			1-02 *	I/O BUS CONN 2 IN			41
			B18L1			1-03 *	I/O BUS CONN 2 OUT			41
			B20N2			1-04 *	DELAY XMTR			41
						1		15-8/8		41
			A15D1			1-01 *	BUS DATA INTERFACE			42
			A18M1			1-02 *	I/O BUS CONN 1 IN			42
			B20J1			1-03 *	DELAY XMTR			42
			B18M1			1-04 *	I/O BUS CONN 1 OUT			42
						1		16-8/8		42
			A17D2			1-01 *	I/O BUS CONN 1 IN			43
			B14N2			1-02 *	MASTER SLAVE BD			43
			B17D2			1-03 *	I/O BUS CONN 1 OUT			43
			B21N2			1-04 *	BUS TRANSCEIVER			43
						1		19-4/8		43
			A16E2			1-01 *	FORWARD BOT TIMER			44
			A18D2			1-02 *	I/O BUS CONN 2 IN			44
			B18D2			1-03 *	I/O BUS CONN 2 OUT			44
			B14D1			1-04 *	MASTER SLAVE BD			44
						1		15-2/8		44

TU10.(LINE.)		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											
BSDW1			A19K2		1-01 *							2	I/O BUS CONN 3 IN			45
BSDW1			A19U2		1-02 *							1	BUS DATA INTERFACE			45
BSDW1			B19K2		1-03 *							2	I/O BUS CONN 3 OUT			45
BSDW1			B20S1		1-04 *							1	DELAY XMTR			45
BSDW1					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 *							1	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 *							1	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 *							1	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 *							1	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 *							1	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 *							1	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 *							1	I/O BUS CONN 1 OUT			52
BWD5					1									19-6/8		52

TU10.(LINE.)		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			A26M2		1-04 *							1	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 *							1	I/O BUS CONN 1 OUT			54
BWD7					1									19-6/8		54
BWD8			A26F1		1-01 *							1	WRITE BUFFER			55
BWD8			A17M1		1-02 *							2	I/O BUS CONN 1 IN			55
BWD8			B17M1		1-03 *							1	I/O BUS CONN 1 OUT			55
BWD8			B14S1		1-04 *							1	MASTER SLAVE BD			55
BWD8					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 *							1	DELAY XMTR			56
BWFL					1									20-4/8		56
BWFS			A14E1		1-01 *							2	MASTER SLAVE BD			57
BWFS			A18M2		1-02 *							1	I/O BUS CONN 2 IN			57
BWFS			B18M2		1-03 *							2	I/O BUS CONN 2 OUT			57
BWFS			B21P1		1-04 *							1	BUS TRANSCIVER			57
BWFS					1									16-2/8		57
C 556		L	B20R1		1-01 *							I				58
C 556		L	B22V1		1-02 *							I				58
C 556					1									4-4/8		58
C DEN		H	A07F1		1-01 *							2	MASTER INT CABLE			59
C DEN		H	A11R2		1-02 *							1	COMMAND BUFFER			59
C DEN		H	B13S2		1-03 *							1	READ TIMING			59
C DEN					1									13-0/8		59
C DEN		H	A07E1		1-01 *							1	MASTER INT CABLE			60
C DEN		H	A11S2		1-02 *							1	COMMAND BUFFER			60
C DEN					1									6-4/8		60
C FOR		H	A07K1		1-01 *							1	MASTER INT CABLE			61
C FOR		H	A11L1		1-02 *							1	COMMAND BUFFER			61
C FOR					1									5-2/8		61

TUS2, 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 *								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 *								MASTER CABLE DUPL			63
C PEVN	H	A07T2		1-02 *								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 *								MASTER INT CABLE			64
C REV	H	A11M1		1-02 *								COMMAND BUFFER			64
C REV				1									4-6/8		64
C REV	H	A07L1		1-01 *								MASTER INT CABLE			65
C REV	H	A11K1		1-02 *								COMMAND BUFFER			65
C REV				1									5-0/8		65
C SEL 2	H	A06A1		1-01 *								MASTER CABLE DUPL			66
C SEL 2	H	A07A1		1-02 *								MASTER INT CABLE			66
C SEL 2	H	B11T2		1-03 *								COMMAND BUFFER			66
C SEL 2				1									13-4/8		66
C SEL 1	H	A06B1		1-01 *								MASTER CABLE DUPL			67
C SEL 1	H	A07B1		1-02 *								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 *								MASTER CABLE DUPL			68
C SEL 2	H	A07C1		1-02 *								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 *								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 *								COMMAND BUFFER			70
C SET	L	A13L1		1-02 *								HEAD TIMING			70
C SET				1									4-2/8		70
C STROBE		A26U1		1-01 *								WRITE BUFFER			71
C STROBE		B21S2		1-02 *								MUS TRANSCIVER			71
C STROBE				1									6-3/8		71

TUS1, 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 *								MASTER INT CABLE			72
C WDR	H	B12A1	B13V1	1-02 *								WRITE + GAP TIMING			72
C WDR	H	B13V1		1-03 *											72
C WDR				1									12-0/8		72
C WEXG	H	A07J1		1-01 *								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 *								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 *								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 *								MUS TRANSCIVER			76
CLEAR FUNCTION	L	B25V2		1-02 *								FUNCTION CONTROL			76
CLEAR FUNCTION				1									9-2/8		76
CLOCK	L	A16Q2		1-01 *								FORWARD BOT TIMER			77
CLOCK	L	B20T2		1-02 *								DELAY XMTR			77
CLOCK	L	B22D1		1-03 *								CLOCK + SKEW DELAY			77
CLOCK	L	B28K1		1-04 *								WRITE BUFFER			77
CLOCK	L	B28E2		1-05 *								READ BUFFER			77
CLOCK				1									24-6/8		77
CRCE	L	B15S2		1-01 *								CRC CHECKER			78
CRCE	L	A08P2		1-02 *								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		CRC CHECKER			79
CRCS				1									12-5/8		79
CRCS	L	A08C1		1-01 *								MASTER INT B0			80
CRCS	L	B13M2		1-02 *								READ TIMING			80
CRCS				1									8-7/8		80
CRCS CLK	H	A13N2		1-01 *								READ TIMING			81
CRCS CLK	H	B13P2		1-02 *								READ TIMING			81
CRCS CLK				1									6-0/8		81

TJ10, H(NEW)
RUN NAME

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A/P	PIN	ORDER	BAY	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
L	A09E1	1-01 *									CRC + WRITE GATING			82
L	A12J2	1-02 *									WRITE + GAP TIMING			82
		1										9-2/8		82
H	A06D2	1-01 *									MASTER CABLE DUPL			83
H	A09S1	1-02 *									CRC + WRITE GATING			83
		1										4-6/8		83
H	A06E2	1-01 *									MASTER CABLE DUPL			84
H	A07E2	1-02 *									MASTER INT CABLE			84
H	A09R1	1-03 *									CRC + WRITE GATING			84
		1										7-7/8		84
H	A06F2	1-01 *									MASTER CABLE DUPL			85
H	A07F2	1-02 *									MASTER INT CABLE			85
H	B09L1	1-03 *									CRC + WRITE GATING			85
		1										10-4/8		85
H	A07H2	1-01 *									MASTER INT CABLE			86
H	A09B1	1-02 *									CRC + WRITE GATING			86
		1										4-1/8		86
H	A06J2	1-01 *									MASTER CABLE DUPL			87
H	A07J2	1-02 *									MASTER INT CABLE			87
H	B09H1	1-03 *									CRC + WRITE GATING			87
		1										9-6/8		87
H	A06K2	1-01 *									MASTER CABLE DUPL			88
H	A07K2	1-02 *									MASTER INT CABLE			88
H	B09J1	1-03 *									CRC + WRITE GATING			88
		1										10-0/8		88
H	A06L2	1-01 *									MASTER CABLE DUPL			89
H	A07L2	1-02 *									MASTER INT CABLE			89
H	B09D1	1-03 *									CRC + WRITE GATING			89
		1										9-2/8		89
H	A06M2	1-01 *									MASTER CABLE DUPL			90
H	A07M2	1-02 *									MASTER INT CABLE			90
H	B09C1	1-03 *									CRC + WRITE GATING			90
		1										9-0/8		90
L	B05F1	1-01 *									BRAKE LOGIC			91
L	A03V2	1-02 *									BRAKE ACTUATOR			91
		1										4-7/8		91

TJ10, H(NEW)
RUN NAME

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A/P	PIN	ORDER	BAY	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
L	A28V1	1-01 *									READ BUFFER			92
L	B22N1	1-02 *									CLOCK + SKEW DELAY			92
L	B20H1	1-03 *									DELAY XMTR			92
		1										12-4/8		92
L	B21K2	1-01 *									BUS TRANSCEIVER			93
L	B22J1	1-02 *									CLOCK + SKEW DELAY			93
		1										2-7/8		93
L	B21M1	1-01 *							R1		BUS TRANSCEIVER			94
L	B22L2	1-02 *							R1		CLOCK + SKEW DELAY			94
L	B22K2	1-03 *							I		CLOCK + SKEW DELAY			94
		1										6-3/8		94
H	A04F2	1-01 *							R1		CAPSTAN SERVO AMP			95
H	A16L2	1-02 *							R1		FORWARD ROT TIMER			95
		1										9-4/8		95
L	A08D2	1-01 *									MASTER INT BD			96
L	B11K1	1-02 *									COMMAND BUFFER			96
L	B12K1	1-03 *									WRITE + GAP TIMING			96
		1										11-0/8		96
H	A11J2	1-01 *									COMMAND BUFFER			97
H	A13J2	1-02 *									READ TIMING			97
H	B14A1	1-03 *									MASTER SLAVE BD			97
		1										9-0/8		97
H	A11H2	1-01 *									COMMAND BUFFER			98
H	A13P1	1-02 *									READ TIMING			98
H	B14B1	1-03 *									MASTER SLAVE BD			98
		1										9-1/8		98
L	A08R2	1-01 *									MASTER INT BD			99
L	A11S1	1-02 *									COMMAND BUFFER			99
		1										4-2/8		99
H	A10F1	1-01 *							R1		DATA CHECKER			100
H	A11L2	1-02 *							R1		COMMAND BUFFER			100
H	A14S2	1-03 *							R1		MASTER SLAVE BD			100
H	B15T2	1-04 *							I		CRC CHECKER			100
		1										15-3/8		100
L	A11P2	1-01 *									COMMAND BUFFER			101
L	A14C1	1-02 *									MASTER SLAVE BD			101
		1										1-7/8		101

TU10.H(NEW)
RUN NAME

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A/P	PIN	ORDER	BAY -	Q	DRAW	PV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN
	NAME	PIN	ORDER											NUMBER
	A11F2		1-01 *							2	COMMAND BUFFER			102
	A13L1		1-02 *							1	CRC + WRITE GATING			102
	A14R1		1-03 *								DATA CHECKER			102
			1									11-4/8		102
	A11K2		1-01 *							1	COMMAND BUFFER			103
	A14V1		1-02 *								MASTER SLAVE BD			103
			1									4-6/8		103
	A11N2		1-01 *							1	COMMAND BUFFER			104
	A14R1		1-02 *								MASTER SLAVE BD			104
			1									4-4/8		104
	A08E2		1-01 *							1	MASTER INT BD			105
	B11F2		1-02 *								COMMAND BUFFER			105
			1									7-4/8		105
	B11U2		1-01 *							1	COMMAND BUFFER			106
	B14U1		1-02 *								MASTER SLAVE BD			106
			1									4-2/8		106
	B11P2		1-01 *							1	COMMAND BUFFER			107
	B14M2		1-02 *								MASTER SLAVE BD			107
			1									4-6/8		107
	B11R1		1-01 *							1	COMMAND BUFFER			108
	B14T2		1-02 *								MASTER SLAVE BD			108
			1									5-0/8		108
	A11E2		1-01 *							1	COMMAND BUFFER			109
	B12M2		1-02 *								WRITE + GAP TIMING			109
			1									7-0/8		109
	A11D2		1-01 *							2	COMMAND BUFFER			110
	A09M1		1-02 *							1	CRC + WRITE GATING			110
	B12L2		1-03 *								WRITE + GAP TIMING			110
			1									12-0/8		110
	A14E2		1-01 *							2	MASTER SLAVE BD			111
	A11M2		1-02 *							1	COMMAND BUFFER			111
	B12E1		1-03 *								WRITE + GAP TIMING			111
			1									10-4/8		111
	A08H2		1-01 *							1	MASTER INT BD			112
	A11U1		1-02 *								COMMAND BUFFER			112
			1									4-7/8		112

TU10.H(NEW)
RUN NAME

WRP288.V17(17) 06/22/72		25-APR-73		23144		PAGE 14								
A/P	PIN	ORDER	BAY -	Q	DRAW	PV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN
	NAME	PIN	ORDER											NUMBER
	A12E1		1-01 *							1	WRITE + GAP TIMING			113
	B14L1		1-02 *								MASTER SLAVE BD			113
			1									7-4/8		113
	A23F2		1-01 *							2	LAMP DRIVER			114
	A29M2		1-02 *							1	FUNCTION CONTROL			114
	B21H2		1-03 *								BUS TRANSCEIVER			114
			1									10-1/8		114
	A22H2		1-01 *							1	TRANS PANEL CABLE			115
	A23F1		1-02 *								LAMP DRIVER			115
			1									2-7/8		115
	A22V1		1-01 *							1	TRANS PANEL CABLE			116
	A25B1		1-02 *								FUNCTION CONTROL			116
			1									5-7/8		116
	B10N2		1-01 *							1	DATA CHECKER			117
	B15M1		1-02 *								CRC CHECKER			117
			1									5-2/8		117
	B10J1		1-01 *							1	DATA CHECKER			118
	B15P1		1-02 *								CRC CHECKER			118
			1									6-0/8		118
	B10H1		1-01 *							1	DATA CHECKER			119
	B12H1		1-02 *								WRITE + GAP TIMING			119
			1									4-0/8		119
	B10J2		1-01 *							1	DATA CHECKER			120
	B15L1		1-02 *								CRC CHECKER			120
			1									5-4/8		120
	B10K1		1-01 *							1	DATA CHECKER			121
	B12F1		1-02 *								WRITE + GAP TIMING			121
			1									4-4/8		121
	B10L1		1-01 *							1	DATA CHECKER			122
	B15H1		1-02 *								CRC CHECKER			122
			1									5-6/8		122
	B10K2		1-01 *							1	DATA CHECKER			123
	B12U1		1-02 *								WRITE + GAP TIMING			123
			1									4-2/8		123

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RUN NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	ORAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
ERD 4	H	B12B1		1-01 *						I	1	DATA CHECKER			124
ERD 4	H	B15E1		1-02 *						I	1	CRC CHECKER			124
ERD 4				1									5-6/8		124
ERD 4	L	A10R1		1-01 *							1	DATA CHECKER			125
ERD 4	L	B12V1		1-02 *							1	WRITE * GAP TIMING			125
ERD 4				1									7-2/8		125
ERD 5	H	A10N2		1-01 *						I	1	DATA CHECKER			126
ERD 5	H	B15Q1		1-02 *						I	1	CRC CHECKER			126
ERD 5				1									6-1/8		126
ERD 5	L	A10S1		1-01 *							1	DATA CHECKER			127
ERD 5	L	A12U2		1-02 *							1	WRITE * GAP TIMING			127
ERD 5				1									4-4/8		127
ERD 6	H	A10S2		1-01 *						I	1	DATA CHECKER			128
ERD 6	H	B15A1		1-02 *						I	1	CRC CHECKER			128
ERD 6				1									6-2/8		128
ERD 6	L	A10T2		1-01 *							1	DATA CHECKER			129
ERD 6	L	A12M2		1-02 *							1	WRITE * GAP TIMING			129
ERD 6				1									4-1/8		129
ERD 7	H	A10R2		1-01 *						I	1	DATA CHECKER			130
ERD 7	H	B15V1		1-02 *						I	1	CRC CHECKER			130
ERD 7				1									8-1/8		130
ERD 7	L	A10U2		1-01 *							1	DATA CHECKER			131
ERD 7	L	B12D2		1-02 *							1	WRITE * GAP TIMING			131
ERD 7				1									4-5/8		131
ERDF	H	B10R2		1-01 *						I	1	DATA CHECKER			132
ERDF	H	B15S1		1-02 *						I	1	CRC CHECKER			132
ERDF				1									5-2/8		132
ERDF	L	B10S1		1-01 *							1	DATA CHECKER			133
ERDF	L	B12F2		1-02 *							1	WRITE * GAP TIMING			133
ERDF				1									4-6/8		133
ERDS	H	B15L2		1-01 *						I	1	CRC CHECKER			134
ERDS	H	A10L2		1-02 *						R1	2	DATA CHECKER			134
ERDS	H	A13R1		1-03 *						R1	1	HEAD TIMING			134
ERDS				1									11-4/8		134

TU14 (NEW)		WRP288, V17 (17) 06/22/72										25-APR-73	23144	PAGE 16	
RUN NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	ORAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
ERDS	L	A13S1		1-01 *							1	HEAD TIMING			135
ERDS	L	B13L2		1-02 *							2	READ TIMING			135
ERDS	L	B10S2		1-03 *							1	DATA CHECKER			135
ERDS				1									10-6/8		135
FILE PROT BULB	H	A22F2		1-01 *							1	TRANS PANEL CABLE			136
FILE PROT BULB	H	A23E1		1-02 *							1	LAMP DRIVER			136
FILE PROT BULB				1									2-3/8		136
FME	L	A00V1		1-01 *							1	MASTER INT BD			137
FME	L	A13L2		1-02 *							1	HEAD TIMING			137
FME				1									6-6/8		137
FMK CHR	L	A10Q2		1-01 *							1	DATA CHECKER			138
FMK CHR	L	B13E2		1-02 *							1	READ TIMING			138
FMK CHR				1									7-2/8		138
FOR	H	A16M2		1-01 *							1	FORWARD BOT TIMER			139
FOR	H	A24B1		1-02 *							1	MOTION CONTROL			139
FOR				1									8-0/8		139
FORCE BRK ON	H	A03F2		1-01 *							0	UPPER BRAKE BOARD			140
FORCE BRK ON	H	B24P2		1-02 *							1	MOTION CONTROL			140
FORCE BRK ON				1									17-0/8		140
FORCE BRK ON	L	B24N2		1-01 *						I	1	MOTION CONTROL			141
FORCE BRK ON	L	B05U2		1-02 *						I	1	BRAKE LOGIC			141
FORCE BRK ON				1									13-2/8		141
FORWARD	L	A20A1		1-01 *							1	DELAY XMTR			142
FORWARD	L	A24D2		1-02 *							2	MOTION CONTROL			142
FORWARD	L	A23K2		1-03 *							1	LAMP DRIVER			142
FORWARD	L	B25E2		1-04 *							1	FUNC CONTROL SOURC			142
FORWARD				1									16-0/8		142
FWD BULB	H	A22N4		1-01 *							1	TRANS PANEL CABLE			143
FWD BULB	H	A23K1		1-02 *							1	LAMP DRIVER			143
FWD BULB				1									2-7/8		143
LD ON LINE	H	A24F1		1-01 *						I	1	MOTION CONTROL			144
LD ON LINE	H	A21H1		1-02 *						I	1	MUSTRANSCEIVER			144
LD ON LINE				1									4-6/8		144
LD PT BULB	H	A22P2		1-01 *							1	TRANS PANEL CABLE			145
LD PT BULB	H	A23L1		1-02 *							1	LAMP DRIVER			145
LD PT BULB				1									2-7/8		145

TU10, H(NEW)		WRP208, 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											
LECC		A22S1		1-01 *							0	TRANSPORT CABLE			146
LECC		A25D1		1-02 *								FUNCTION CONTROL			146
LECC				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									6-8/8		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									39-7/8		154
LOW REW BRK	L	A03U2		1-01 *					I		1	WRAKE ACTUATOR			155
LOW REW BRK	L	B05L1		1-02 *					I			BRAKE LOGIC			155
LOW REW BRK				1									5-6/8		155

TU10, H(NEW)		WRP208, 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	WRAKE 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 TRANSCIEVER			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	A08H2		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	VAC SW+PWR CONT CO			162
LWR MTR LVS		B03J2		1-02 *							R1	LOWER BRAKE BO CO			162
LWR MTR LVS		B05S2		1-03 *							R1	WRAKE 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	WRAKE ACTUATOR			163
LWR MTR SW OPEN	H	B05E2		1-03 *					I			WRAKE LOGIC			163
LWR MTR SW OPEN				1									9-0/8		163
LWR MTR UPR SW		B01K2		1-01 *					I		1	LOWER REEL MTR BO			164
LWR MTR UPR SW		B05N1		1-02 *					I			WRAKE LOGIC			164
LWR MTR UPR SW				1									5-2/8		164
LWR MTR UVS		A05H2		1-01 *							R1	VAC SW+PWR CONT CO			165
LWR MTR UVS		B03D2		1-02 *							R1	LOWER BRAKE BO			165
LWR MTR UVS		B05P1		1-03 *							R1	WRAKE 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

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RUN NAME	A/P	PIN	ORDER	BAY	Q	DRAM	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
		NAME	PIN	ORDER											
M FWD S		A22B1		1-01 *								TRANS PANEL CABLE			167
M FWD S		B23E2		1-02 *								SWITCH FILTER			167
M FWD S				1									6-6/8		167
V REV	L	B23T2		1-01 *								SWITCH FILTER			168
M REV	L	B25T2		1-02 *								FUNCTION CONTROL			168
M REV				1									4-0/8		168
M REV S		A22C1		1-01 *								TRANS PANEL CABLE			169
M REV S		B23F2		1-02 *								SWITCH FILTER			169
M REV S				1									7-0/8		169
M REV	L	B23V2		1-01 *								SWITCH FILTER			170
M REV	L	B25N1		1-02 *								FUNCTION CONTROL			170
M REV				1									4-1/8		170
M REV S		A22A1		1-01 *								TRANS PANEL CABLE			171
M REV S		B23D2		1-02 *								SWITCH FILTER			171
M REV S				1									7-0/8		171
MOTION	H	A24V2		1-01 *								MOTION CONTROL			172
MOTION	H	B25B1		1-02 *								FUNCTION CONTROL			172
MOTION				1									4-0/8		172
MOVE	L	B11M1		1-01 *								COMMAND BUFFER			173
MOVE	L	B12U2		1-02 *								WRITE + GAP TIMING			173
MOVE	L	B14M1		1-03 *								MASTER SLAVE BD			173
MOVE				1									9-0/8		173
MP CLR	H	B11L1		1-01 *								COMMAND BUFFER			174
MP CLR	H	B12N2		1-02 *								WRITE + GAP TIMING			174
MP CLR	H	B13C1		1-03 *								READ TIMING			174
MP CLR				1									8-2/8		174
MTR PWR DELAY COIL		A05E1		1-01 *								VAC SW+PWR CONT CO			175
MTR PWR DELAY COIL		B24S2		1-02 *								MOTION CONTROL			175
MTR PWR DELAY COIL				1									16-6/8		175
MUX OUT	L	A20D2		1-01 *								DELAY XMITTER			176
MUX OUT	L	A21E1		1-02 *								BUS TRANSCEIVER			176
MUX OUT				1									2-3/8		176
OFF	L	B23V1		1-01 *								SWITCH FILTER			177
OFF	L	B24L1		1-02 *								MOTION CONTROL			177
OFF				1									4-4/8		177

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RUN NAME	A/P	PIN	ORDER	BAY	Q	DRAM	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
		NAME	PIN	ORDER											
OFF LINE	L	B23P2		1-01 *								SWITCH FILTER			178
OFF LINE	L	B25C1		1-02 *								FUNCTION CONTROL			178
OFF LINE				1									4-7/8		178
OFF LINE SW		A22K2		1-01 *								TRANS PANEL CABLE			179
OFF LINE SW		B23K2		1-02 *								SWITCH FILTER			179
OFF LINE SW				1									6-2/8		179
OFF SW		A22D1		1-01 *								TRANS PANEL CABLE			180
OFF SW		B23D1		1-02 *								SWITCH FILTER			180
OFF SW				1									6-2/8		180
ON LINE	L	B23R2		1-01 *								SWITCH FILTER			181
ON LINE	L	B25S2		1-02 *								FUNCTION CONTROL			181
ON LINE				1									4-0/8		181
ON LINE BULB	H	A22J1		1-01 *								TRANS PANEL CABLE			182
ON LINE BULB	H	A23J1		1-02 *								LAMP DRIVER			182
ON LINE BULB				1									3-4/8		182
ON LINE SW		A22M2		1-01 *								TRANS PANEL CABLE			183
ON LINE SW		B23J2		1-02 *								SWITCH FILTER			183
ON LINE SW				1									6-0/8		183
PCR	L	A25H2		1-01 *								FUNCTION CONTROL			184
PCR	L	A24T2		1-02 *								MOTION CONTROL			184
PCR	L	A13V1		1-03 *								HEAD TIMING			184
PCR				1									13-4/8		184
POWER ON	L	A05C1		1-01 *								VAC SW+PWR CONT CO			185
POWER ON	L	A22L1		1-02 *								TRANS PANEL CABLE			185
POWER ON				1									12-4/8		185
PWR BULB	H	A22V2		1-01 *								TRANS PANEL CABLE			186
PWR BULB	H	A23S1		1-02 *								LAMP BULB			186
PWR BULB				1									2-7/8		186

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RUN NAME	A/P	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
		NAME	PIN	ORDER											
PWR COM		A05N1		1-01 *							2				187
PWR COM		A05D1		1-02 *							1				187
PWR COM		A04C2		1-03 *							2				187
PWR COM		A05S2		1-04 *						H	1			HAND WIRE	187
PWR COM		A04D1		1-05 *							2			TO HERE	187
PWR COM		A05N2		1-06 *							1				187
PWR COM		A03D1		1-07 *							2				187
PWR COM		A05R2		1-08 *							1				187
PWR COM		A02D1		1-09 *						H	2			HAND WIRE	187
PWR COM		A01D1		1-10 *							1			TO HERE	187
PWR COM		B24T2		1-11 *							1				187
PWR COM				1									58-5/8		187
R 7CH	L	A08L2		1-01 *							2				188
R 7CH	L	A15L2		1-02 *							1				188
R 7CH	L	B13R2		1-03 *							1				188
R 7CH				1									13-6/8		188
R FWD	H	B25V1		1-01 *							2				189
R FWD	H	B21J1		1-02 *							1				189
R FWD	H	B11J1		1-03 *							1				189
R FWD				1									14-1/8		189
R RD2	L	A15H1		1-01 *							1				190
R RD2	L	B10N1		1-02 *							1				190
R RD2				1									8-3/8		190
R RD1	L	A15K1		1-01 *							1				191
R RD1	L	B10M2		1-02 *							1				191
R RD1				1									7-5/8		191
R RD2	L	A15M1		1-01 *							1				192
R RD2	L	B10M1		1-02 *							1				192
R RD2				1									6-6/8		192
R RD3	L	A15P1		1-01 *							1				193
R RD3	L	B10L2		1-02 *							1				193
R RD3				1									6-2/8		193
R RD4	L	A15S1		1-01 *							1				194
R RD4	L	B10D1		1-02 *							1				194
R RD4				1									6-6/8		194
R RD5	L	A15U1		1-01 *							1				195
R RD5	L	B10D2		1-02 *							1				195
R RD5				1									6-2/8		195

TU10.H(NEW)		WRP288,V17(17) 06/22/72				25-APR-73		23144	PAGE 22						
RUN NAME	A/P	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
		NAME	PIN	ORDER											
R RD6	L	A10U1		1-01 *							1				196
R RD6	L	A15F2		1-02 *							1				196
R RD6				1									7-2/8		196
R RD7	L	A10V1		1-01 *							1				197
R RD7	L	A15J2		1-02 *							1				197
R RD7				1									7-0/8		197
R RDP	L	A15E1		1-01 *							1				198
R RDP	L	B10U1		1-02 *							1				198
R RDP				1									9-6/8		198
R REV	H	A16J2		1-01 *							1				199
R REV	H	B25U1		1-02 *							1				199
R REV				1									8-5/8		199
R REW	H	A25J2		1-01 *							2				200
R REW	H	B21F1		1-02 *							1				200
R REW	H	B11H1		1-03 *							1				200
R REW				1									14-5/8		200
R TUR	L	A15B1		1-01 *							2				201
R TUR	L	A08D1		1-02 *							1				201
R TUR	L	B11J2		1-03 *							1				201
R TUR				1									14-6/8		201
R WRL		B11E1		1-01 *							2				202
R WRL		A16K2		1-02 *							1				202
R WRL		B25F1		1-03 *							1				202
R WRL				1									16-6/8		202
RB CLEAR	H	A28H2		1-01 *							1				203
RB CLEAR	H	B25D1		1-02 *							1				203
RB CLEAR				1									6-6/8		203
RC 556	L	A13E2		1-01 *							1				204
RC 556	L	A15N2		1-02 *							1				204
RC 556				1									4-3/8		204
RC 552	H	A13F2		1-01 *							2				205
RC 552	H	B12S1		1-02 *							1				205
RC 552	H	B11V1		1-03 *							1				205
RC 552				1									10-5/8		205
RC 552	L	A13K2		1-01 *							1				206
RC 552	L	A15R2		1-02 *							1				206
RC 552				1									4-5/8		206

TU10.H(NEW)
RUN NAME

WPP288,V17(17) 06/22/72
A/P PIN ORDER BAY - Q DRAW RV PG Y X Z

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LENGTH EXCEPTIONS RUN NUMBER

NAME	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
RD CLR	L	B13K2	1-01 *							2	HEAD TIMING			207
RD CLR	L	B12P1	1-02 *							1	WRITE + GAP TIMING			207
RD CLR	L	B13U2	1-03 *								HEAD TIMING			207
RD CLR			1									7-4/8		207
RD2		A20S1	1-01 *							1	DELAY XMTR			208
RD2		A28P2	1-02 *								HEAD BUFFER			208
RD2			1									7-4/8		208
RD1		A20R1	1-01 *							1	DELAY XMTR			209
RD1		A28R2	1-02 *								HEAD BUFFER			209
RD1			1									7-2/8		209
RD2		A20F1	1-01 *							1	DELAY XMTR			210
RD2		B28B1	1-02 *								HEAD BUFFER			210
RD2			1									9-2/8		210
RD3		A22H1	1-01 *							1	DELAY XMTR			211
RD3		B28C1	1-02 *								HEAD BUFFER			211
RD3			1									9-2/8		211
RD4		A20J1	1-01 *							1	DELAY XMTR			212
RD4		B28K2	1-02 *								HEAD BUFFER			212
RD4			1									8-3/8		212
RD5		A20K1	1-01 *							1	DELAY XMTR			213
RD5		B28L2	1-02 *								HEAD BUFFER			213
RD5			1									8-5/8		213
RD6		A20L1	1-01 *							1	DELAY XMTR			214
RD6		B28R2	1-02 *								HEAD BUFFER			214
RD6			1									9-5/8		214
RD7		A20N1	1-01 *							1	DELAY XMTR			215
RD7		B28S2	1-02 *								HEAD BUFFER			215
RD7			1									9-3/8		215
RD8		A20P1	1-01 *							1	DELAY XMTR			216
RD8		A28K2	1-02 *								HEAD BUFFER			216
RD8			1									7-6/8		216
RDS	L	A08F1	1-01 *							1	MASTER INT BD			217
RDS	L	B13B1	1-02 *								HEAD TIMING			217
RDS			1									6-3/8		217

TU10.H(NEW)
RUN NAME

WPP288,V17(17) 06/22/72
A/P PIN ORDER BAY - Q DRAW RV PG Y X Z

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LENGTH EXCEPTIONS RUN NUMBER

NAME	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
RDY BULB	H	A22R2	1-01 *							1	TRANS PANEL CABLE			218
RDY BULB	H	A23M1	1-02 *								LAMP DRIVER			218
RDY BULB			1									2-7/8		218
READ COM		A30M2	1-01 *							1	PEAK DETECTOR			219
READ COM		A30M1	1-02 *	H						2	PEAK DETECTOR		HAND WIRE	219
READ COM		A30P2	1-03 *							1	PEAK DETECTOR		TO HERE	219
READ COM		A30P1	1-04 *	H						2	PEAK DETECTOR		HAND WIRE	219
READ COM		A30S2	1-05 *							1	PEAK DETECTOR		TO HERE	219
READ COM		A30S1	1-06 *	H						2	PEAK DETECTOR		HAND WIRE	219
READ COM		A31T2	1-07 *							1	COMPRESSOR		TO HERE	219
READ COM		A31U2	1-08 *	H						2	COMPRESSOR		HAND WIRE	219
READ COM		A30T2	1-09 *							1	PEAK DETECTOR		TO HERE	219
READ COM		A30T1	1-10 *	H						2	PEAK DETECTOR		HAND WIRE	219
READ COM		B30E2	1-11 *							1	PEAK DETECTOR		TO HERE	219
READ COM		B30E1	1-12 *	H						2	PEAK DETECTOR		HAND WIRE	219
READ COM		B30H2	1-13 *							1	PEAK DETECTOR		TO HERE	219
READ COM		B30H1	1-14 *	H						2	PEAK DETECTOR		HAND WIRE	219
READ COM		B30K2	1-15 *							1	PEAK DETECTOR		TO HERE	219
READ COM		B30K1	1-16 *	H						2	PEAK DETECTOR		HAND WIRE	219
READ COM		B30M2	1-17 *							1	PEAK DETECTOR		TO HERE	219
READ COM		B30M1	1-18 *	H						2	PEAK DETECTOR		HAND WIRE	219
READ COM		B30P2	1-19 *							1	PEAK DETECTOR		TO HERE	219
READ COM		B30P1	1-20 *	H						2	PEAK DETECTOR		HAND WIRE	219
READ COM		B30S2	1-21 *							1	PEAK DETECTOR		TO HERE	219
READ COM		B30S1	1-22 *	H							PEAK DETECTOR		H TO WHERE	219
READ COM			1									60-4/8		219
READING	H	A10F2	1-01 *							1	DATA CHECKER			220
READING	H	A12R2	1-02 *								WRITE + GAP TIMING			220
READING			1									4-4/8		220
READY	L	A23M2	1-01 *							1	LAMP DRIVER			221
READY	L	B24E1	1-02 *							2	MOTION CONTROL			221
READY	L	B20E1	1-03 *								DELAY XMTR			221
READY			1									10-2/8		221
REC	H	A12M1	1-01 *							1	WRITE + GAP TIMING			222
REC	H	B09V2	1-02 *								GRC + WRITE GATING			222
REC			1									7-6/8		222
REC	L	A12S1	1-01 *							1	WRITE + GAP TIMING			223
REC	L	B14R1	1-02 *								MASTER SLAVE BD			223
REC			1									6-6/8		223

NAME	A/P	PIN	ORDER	BAY	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
REEL MTR ENABLE	L	B05M2	1-01 *							I	1	BRAKE LOGIC			224
REEL MTR ENABLE	L	B24V1	1-02 *							R1					224
REEL MTR ENABLE			1										13-2/8		224
REEL MTR ENABLE 00	L	B05N2	1-01 *							R1	1				225
REEL MTR ENABLE 00	L	B03P1	1-02 *							R1			4-4/8		225
REEL MTR ENABLE 00			1												225
REEL MTR ENABLE 01	L	B03R1	1-01 *							R1	1				226
REEL MTR ENABLE 01	L	B02R2	1-02 *							R1	2				226
REEL MTR ENABLE 01	L	B01R2	1-03 *							R1					226
REEL MTR ENABLE 01			1										6-2/8		226
REEL MTR PULSE		B01L2	1-01 *							I	2	LOWER REEL MTRBD			227
REEL MTR PULSE		B02L2	1-02 *							I	1	UPPER REEL MTRBD			227
REEL MTR PULSE		A03S2	1-03 *							I		BRAKE ACTUATOR			227
REEL MTR PULSE			1										9-0/8		227
RELAY ENBL	H	A05A1	1-01 *								1	VAC SW+PWR CONT CO			228
RELAY ENBL	H	B24O2	1-02 *									MOTION CONTROL			228
RELAY ENBL			1										16-0/8		228
RELAY ENBL	L	B24O1	1-01 *							I	1	BRAKE CONTROL			229
RELAY ENBL	L	B05U1	1-02 *							I		BRAKE LOGIC			229
RELAY ENBL			1										14-2/8		229
REV	H	A04E2	1-01 *								1	GAPSTAN SERVO AMP			230
REV	H	B25M2	1-02 *									FUNCTION CONTROL			230
REV			1										17-0/8		230
REV	L	A23H2	1-01 *								1	LAMP DRIVER			231
REV	L	B25L2	1-02 *									FUNCTION CONTROL			231
REV			1										7-2/8		231
REV BULB	H	A22J2	1-01 *								1	TRANS PANEL CABLE			232
REV BULB	H	A23H1	1-02 *									LAMP DRIVER			232
REV BULB			1										2-3/8		232
REV	H	A04O2	1-01 *								1	GAPSTAN SERVO AMP			233
REV	H	A24P2	1-02 *									MOTION CONTROL			233
REV			1										14-0/8		233
REV BULB	H	A22E2	1-01 *								1	TRANS PANEL CABLE			234
REV BULB	H	A23O1	1-02 *									LAMP DRIVER			234
REV BULB			1										2-7/8		234

NAME	A/P	PIN	ORDER	BAY	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
REWIND CAP	H	A03P2	1-01 *								2	BRAKE ACTUATOR			235
REWIND CAP	H	A04H2	1-02 *								1	GAPSTAN SERVO AMP			235
REWIND CAP	H	A24H1	1-03 *								2	MOTION CONTROL			235
REWIND CAP	H	B05E1	1-04 *							I		BRAKE LOGIC			235
REWIND CAP			1										31-5/8		235
REWIND STATUS	H	A24A1	1-01 *								1	MOTION CONTROL			236
REWIND STATUS	H	A25V1	1-02 *									FUNCTION CONTROL			236
REWIND STATUS			1										5-6/8		236
REWIND STATUS	L	A23O2	1-01 *								1	LAMP DRIVER			237
REWIND STATUS	L	B25A1	1-02 *								2	FUNCTION CONTROL			237
REWIND STATUS	L	B25R2	1-03 *								1	FUNCTION CONTROL			237
REWIND STATUS	L	B21F2	1-04 *									BUS TRANSCIEVER			237
REWIND STATUS			1										17-0/8		237
RS DWN	L	A15V2	1-01 *								2	BUS DATA INTERFACE			238
RS DWN	L	R11H2	1-02 *								1	COMMAND BUFFER			238
RS DWN	L	A08E1	1-03 *									MASTER INT BD			238
RS DWN			1										14-1/8		238
RS2	H	A28M2	1-01 *								1	HEAD BUFFER			239
RS2	H	A29P1	1-02 *									SLICER			239
RS2			1										2-6/8		239
RS1	H	A28T2	1-01 *								1	HEAD BUFFER			240
RS1	H	A29S1	1-02 *									SLICER			240
RS1			1										2-3/8		240
RS2	H	A28U2	1-01 *								1	HEAD BUFFER			241
RS2	H	B29E1	1-02 *									SLICER			241
RS2			1										4-4/8		241
RS3	H	B28F2	1-01 *								1	HEAD BUFFER			242
RS3	H	B29H1	1-02 *									SLICER			242
RS3			1										2-3/8		242
RS4	H	B28H2	1-01 *								1	HEAD BUFFER			243
RS4	H	B29K1	1-02 *									SLICER			243
RS4			1										2-6/8		243
RS5	H	B28N2	1-01 *								1	HEAD BUFFER			244
RS5	H	B29M1	1-02 *									SLICER			244
RS5			1										2-3/8		244

TUIO, H(NEW) FUN NAME	A/P	WRP288, V17(17) 06/22/72 PIN ORDER	BAY * PIN ORDER	Q	DRW RV PG Y	X	Z	REMARKS	25-APR-73 LENGTH	23144 EXCEPTIONS	PAGE 27 RUN NUMBER
RS6	H	B28P2	1-01 *				1	HEAD BUFFER			245
RS6	H	B29P1	1-02 *					SLICER			245
RS6			1						2-6/8		245
RS7	H	B28U2	1-01 *				1	HEAD BUFFER			246
RS7	H	B29S1	1-02 *					SLICER			246
RS7			1						2-6/8		246
RSD 0	H	A13K1	1-01 *				1	HEAD TIMING			247
RSD 0	H	A13S2	1-02 *					HEAD TIMING			247
RSD 0			1						4-0/8		247
RSD 0	L	A15T2	1-01 *				1	BUS DATA INTERFACE			248
RSD 0	L	A13N1	1-02 *				2	HEAD TIMING			248
RSD 0	L	B13A1	1-03 *					HEAD TIMING			248
RSD 0			1						9-2/8		248
RSPH		A28E2	1-01 *				1	HEAD BUFFER			249
RSPH		A29M1	1-02 *					SLICER			249
RSPH			1						3-6/8		249
RST SEL	L	A13U1	1-01 *				1	HEAD TIMING			250
RST SEL	L	B11N1	1-02 *					COMMAND BUFFER			250
RST SEL			1						6-0/8		250
RUNNING	L	A25R1	1-01 *				1	FUNCTION CONTROL			251
RUNNING	L	B24E2	1-02 *					MOTION CONTROL			251
RUNNING			1						5-0/8		251
RWCLR	H	B11L2	1-01 *			!	1	COMMAND BUFFER			252
RWCLR	H	B12H2	1-02 *			!		RIGHT + GAP TIMIN			252
RWCLR			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	B11D1	1-03 *					COMMAND BUFFER			253
RWRE			1						17-0/8		253
SEL BULB	H	A22T2	1-01 *				1	TRANS PANEL CABLE			254
SEL BULB	H	A23P1	1-02 *					LAMP DRIVER			254
SEL BULB			1						2-7/8		254
SEL R	L	A08J1	1-01 *				1	MASTER INT BD			255
SEL R	L	B11U1	1-02 *					COMMAND BUFFER			255
SEL R			1						8-2/8		255

TUIO, H(NEW) FUN NAME	A/P	WRP288, V17(17) 06/22/72 PIN ORDER	BAY * PIN ORDER	Q	DRW 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		BUS TRANSCEIVER			256
SELECT REMOTE			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 *					LAMP DRIVER			257
SELECT REMOTE			1						8-1/8		257
SERVO SIGNAL		A24P2	1-01 *				1	CAPSTAN SERVO AMP			258
SERVO SIGNAL		A25M1	1-02 *					VAC SW+PWR CONT CO			258
SERVO SIGNAL			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 *					WRITE + GAP TIMING			259
SET F			1						11-2/8		259
SET PULSE	L	A25F1	1-01 *				1	FUNCTION CONTROL			260
SET PULSE	L	B21U2	1-02 *					BUS TRANSCEIVER			260
SET PULSE			1						9-0/8		260
START	L	B23S2	1-01 *				1	SWITCH FILTER			261
START	L	B25M1	1-02 *					FUNCTION CONTROL			261
START			1						3-7/8		261
START L/STOP	H	B20J2	1-01 *			R1	1	DELAY XMTR			262
START L/STOP	H	B25R1	1-02 *			R1		FUNCTION CONTROL			262
START L/STOP			1						6-0/8		262
START SKEW DELAY	H	A28J2	1-01 *				1	READ BUFFER			263
START SKEW DELAY	H	B22S2	1-02 *					CLOCK + SKEW DELAY			263
START SKEW DELAY			1						8-2/8		263
START SW		A22L2	1-01 *				1	TRANS PANEL CABLE			264
START SW		B23H2	1-02 *					SWITCH FILTER			264
START SW			1						3-6/8		264
STOP	L	B23N2	1-01 *				1	SWITCH FILTER			265
STOP	L	B25H2	1-02 *					FUNCTION CONTROL			265
STOP			1						4-1/8		265
STOP SW		A22D2	1-01 *				1	TRANS PANEL CABLE			266
STOP SW		B23L2	1-02 *					SWITCH FILTER			266
STOP SW			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 NAME	ORDER PIN	BAY - ORDER	Q	DRAW RV PG Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
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	GAPSTAN 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	WRAKE LOGIC			273
UPPER BRAKE ON	H	B03L2		1-02 *			I		WRAKE 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		WRAKE LOGIC			275
UPR MTR LVS				1						10-6/8		275
UPR MTR SW OPEN	H	A03T2		1-01 *			R1	1	WRAKE 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		WRAKE 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		WRAKE LOGIC			277
UPR MTR UPR SW				1						4-4/8		277

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RUN NAME	A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW RV PG Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
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		WRAKE 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)
RUN NAME

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

25-APR-73 23144 PAGE 31
LENGTH EXCEPTIONS RUN NUMBER

NAME	A/P	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	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 XMYR			289
WRITE LOCK	L	A05J1	1-04 *									YAC SW+PHR CONT CO			289
WRITE LOCK			1										27-0/8		289
WRITE STROBE	H	B21T2	1-01 *								1	BUS TRANSCIVER			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 6	L	A08A1	1-01 *								1	MASTER INT BD			292
X RD 7	L	B10U2	1-02 *									DATA CHECKER			292
X RD 8			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 INT 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

TU14, H(NEW)
RUN NAME

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

25-APR-73 23144 PAGE 32
LENGTH EXCEPTIONS RUN NUMBER

NAME	A/P	PIN	ORDER	BAY -	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	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
ZW 1	L	A09J1	1-01 *								1	CRC * WRITE GATING			301
ZW 1	L	A14U2	1-02 *									MASTER SLAVE BD			301
ZW 1			1										6-6/8		301
ZW 1	L	A09J2	1-01 *								1	CRC * WRITE GATING			302
ZW 1	L	B14L1	1-02 *									MASTER SLAVE BD			302
ZW 1			1										6-2/8		302
ZW 1	L	A09K1	1-01 *								1	CRC * WRITE GATING			303
ZW 1	L	A14N1	1-02 *									MASTER SLAVE BD			303
ZW 1			1										6-0/8		303
ZW 1	L	A09N2	1-01 *								1	CRC * WRITE GATING			304
ZW 1	L	A14L1	1-02 *									MASTER SLAVE BD			304
ZW 1			1										5-4/8		304
ZW 1	L	A09R2	1-01 *								1	CRC * WRITE GATING			305
ZW 1	L	A14J1	1-02 *									MASTER SLAVE BD			305
ZW 1			1										6-0/8		305
ZW 1	L	A09T2	1-01 *								1	CRC * WRITE GATING			306
ZW 1	L	A14F2	1-02 *									MASTER SLAVE BD			306
ZW 1			1										6-6/8		306
ZW 1	L	A09V2	1-01 *								1	CRC * WRITE GATING			307
ZW 1	L	A14Q1	1-02 *									MASTER SLAVE BD			307
ZW 1			1										6-2/8		307
ZW 1	L	A09U2	1-01 *								1	CRC * WRITE GATING			308
ZW 1	L	A14S1	1-02 *									MASTER SLAVE BD			308
ZW 1			1										5-4/8		308
ZW 1	L	A09Q2	1-01 *								1	CRC * WRITE GATING			309
ZW 1	L	B14S2	1-02 *									MASTER SLAVE BD			309
ZW 1			1										9-4/8		309

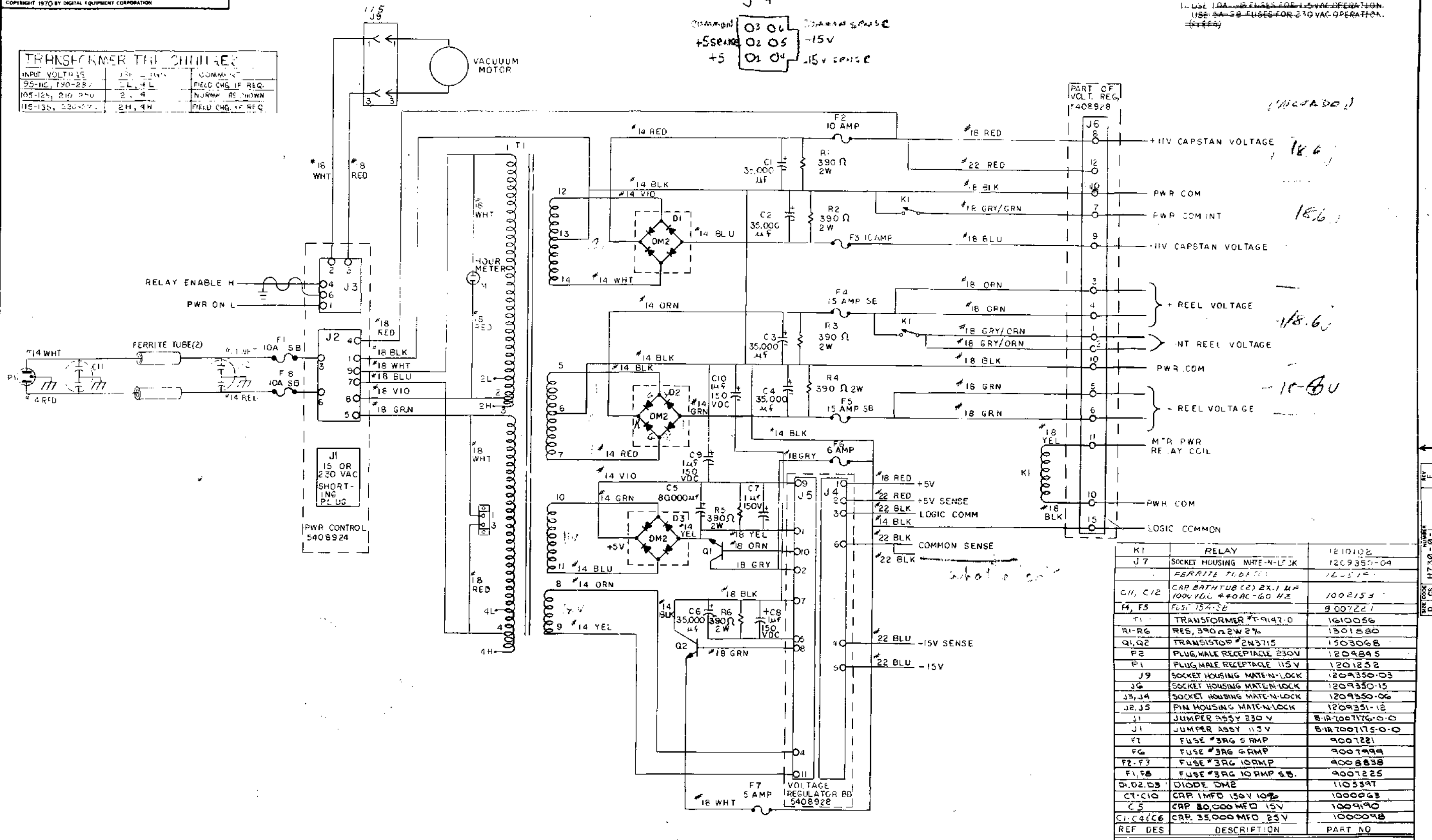
TU10, H(NEW)		WRP288, V17 (17) 06/22/72				25-APR-73		23144		PAGE 31					
RUN NAME	A/P	PIN	ORDER	BAY	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
		NAME	PIN	ORDER											
WRITE LOCK	L	A25E1		1-01 *							1	FUNCTION CONTROL			289
WRITE LOCK	L	A23E2		1-02 *							2	LAMP DRIVER			289
WRITE 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 TRANSCIEVER			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)		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 *							1	MASTER INT BD			300
X RD 0	L	A10R2		1-02 *								DATA CHECKER			300
X RD 0				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
ZW0	L	A09J2		1-01 *							1	CRC + WRITE GATING			302
ZW0	L	B14E1		1-02 *								MASTER SLAVE BD			302
ZW0				1									6-2/8		302
ZW0	L	A09K1		1-01 *							1	CRC + WRITE GATING			303
ZW0	L	A14N1		1-02 *								MASTER SLAVE BD			303
ZW0				1									6-0/8		303
ZW0	L	A09N2		1-01 *							1	CRC + WRITE GATING			304
ZW0	L	A14L1		1-02 *								MASTER SLAVE BD			304
ZW0				1									5-4/8		304
ZW0	L	A09R2		1-01 *							1	CRC + WRITE GATING			305
ZW0	L	A14J1		1-02 *								MASTER SLAVE BD			305
ZW0				1									6-0/8		305
ZW0	L	A09T2		1-01 *							1	CRC + WRITE GATING			306
ZW0	L	A14F2		1-02 *								MASTER SLAVE BD			306
ZW0				1									6-6/8		306
ZW0	L	A09V2		1-01 *							1	CRC + WRITE GATING			307
ZW0	L	A14D1		1-02 *								MASTER SLAVE BD			307
ZW0				1									6-2/8		307
ZW0	L	A09U2		1-01 *							1	CRC + WRITE GATING			308
ZW0	L	A14S1		1-02 *								MASTER SLAVE BD			308
ZW0				1									5-4/8		308
ZW0	L	A09D2		1-01 *							1	CRC + WRITE GATING			309
ZW0	L	B14S2		1-02 *								MASTER SLAVE BD			309
ZW0				1									9-4/8		309

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NOTE:
 1. USE 10A 250V FUSES FOR 115VAC OPERATION.
 2. USE 5A 250V FUSES FOR 230VAC OPERATION.
 (SEE)

TRANSFORMER TAP CHANGES		
INPUT VOLTAGE	130V	COMMON
95-124, 190-230	1L, 4L	FIELD CHG. IF REQ.
105-124, 210-250	2, 4	NORM. AS SHOWN
115-135, 230-250	2H, 4H	FIELD CHG. IF REQ.



REF DES	DESCRIPTION	PART NO
K1	RELAY	1210102
J7	SOCKET HOUSING MATE-N-LOCK	1209350-04
	FERRITE TUBE (2)	1002153
C11, C12	CAP BATH TUB (2) 2X.1 MF 100V VDC 4+0AC-60 Hz	1002153
F4, F5	FUSE 15A 250V	9007221
T1	TRANSFORMER #T-9147-0	1610056
R1-R6	RES, 390Ω 2W 2%	1301880
Q1, Q2	TRANSISTOR #2N3715	1303068
P2	PLUG, MALE RECEPTACLE 230V	1209885
P1	PLUG, MALE RECEPTACLE 115V	1201858
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 230V	8-1A-1007176-0-0
J1	JUMPER ASSY 115V	8-1A-1007175-0-0
F7	FUSE #3AG 5AMP	9007281
F6	FUSE #3AG 6AMP	9007999
F2, F3	FUSE #3AG 10AMP	9008838
F1, F8	FUSE #3AG 10AMP SB	9007225
D1, D2, D3	DIODE DM2	1105597
C7, C10	CAP 1MF 150V 10%	1000043
C5	CAP 80,000MFD 15V	1009190
C1, C2, C3, C6	CAP 35,000MFD 25V	1000098
	DESCRIPTION	PART NO

<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NO</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>11/11/70</td> <td>...</td> <td>...</td> </tr> </tbody> </table>	NO	DATE	BY	DESCRIPTION	1	11/11/70	<p>DATE: 11/11/70</p> <p>DESIGNED BY: ...</p> <p>CHECKED BY: ...</p> <p>DATE: 11/11/70</p>	<p>TRANSISTOR & DIODE CONVERSION CHART</p> <table border="1"> <thead> <tr> <th>DEC</th> <th>IMA</th> <th>DEC</th> <th>IMA</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	DEC	IMA	DEC	IMA					<p>TITLE: H730 POWER SUPPLY</p> <p>DATE: 11/11/70</p> <p>NUMBER: 1</p> <p>REV: E</p> <p>DIGITAL EQUIPMENT CORPORATION</p>
NO	DATE	BY	DESCRIPTION																
1	11/11/70																
DEC	IMA	DEC	IMA																

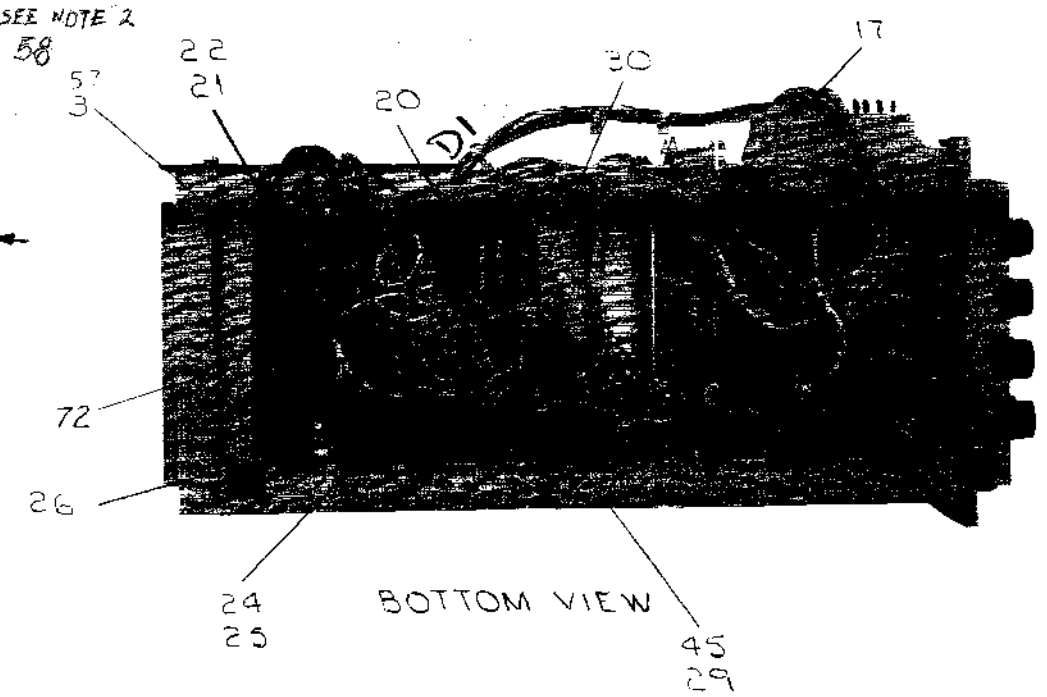
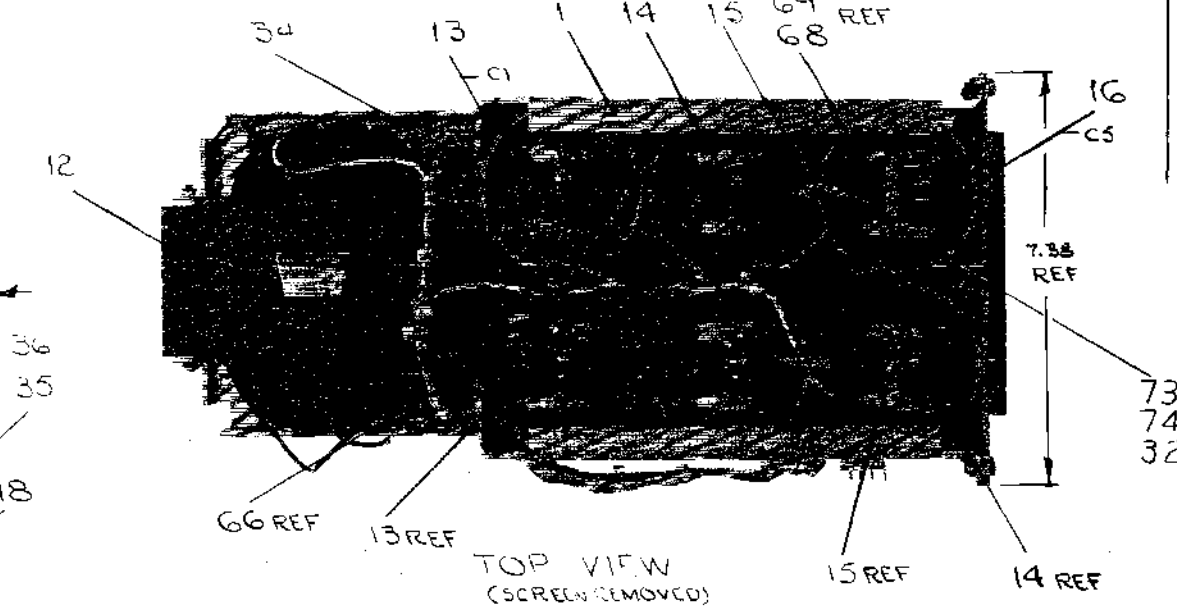
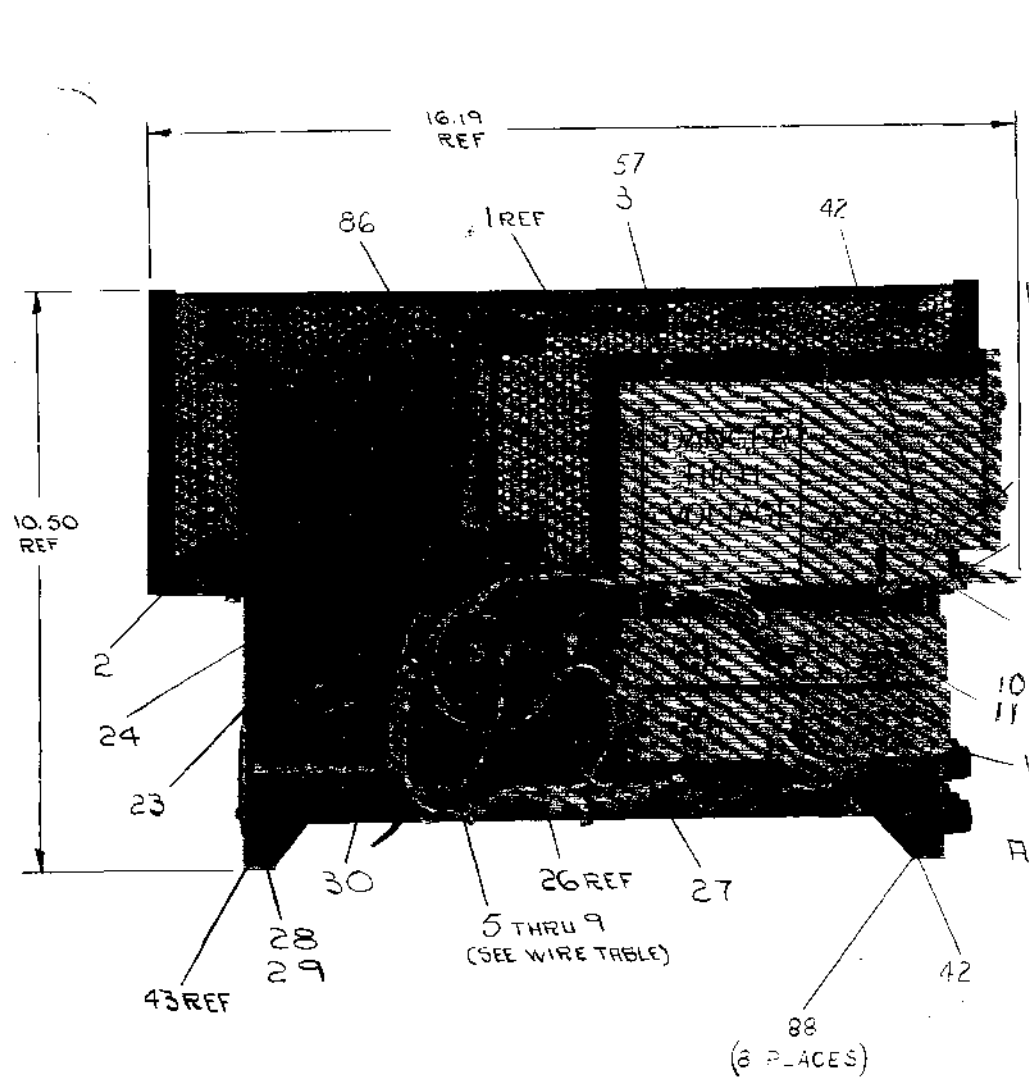
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0-0-027470 2

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

NOTES

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



REV.	CHANGE NO.	DATE	BY	CHK
A	1	1/15/71	J. B. [Signature]	[Signature]
B	2	1/22/71	J. B. [Signature]	[Signature]
C	3	1/29/71	J. B. [Signature]	[Signature]
D	4	2/5/71	J. B. [Signature]	[Signature]

FIRST USED ON OPTION/MODEL
TU:0

DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED	DATE 1/15/71
TOLERANCES UNLESS OTHERWISE SPECIFIED	DATE 1/22/71
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	DATE 1/29/71
MATERIAL	DATE 1/29/71
FINISH	

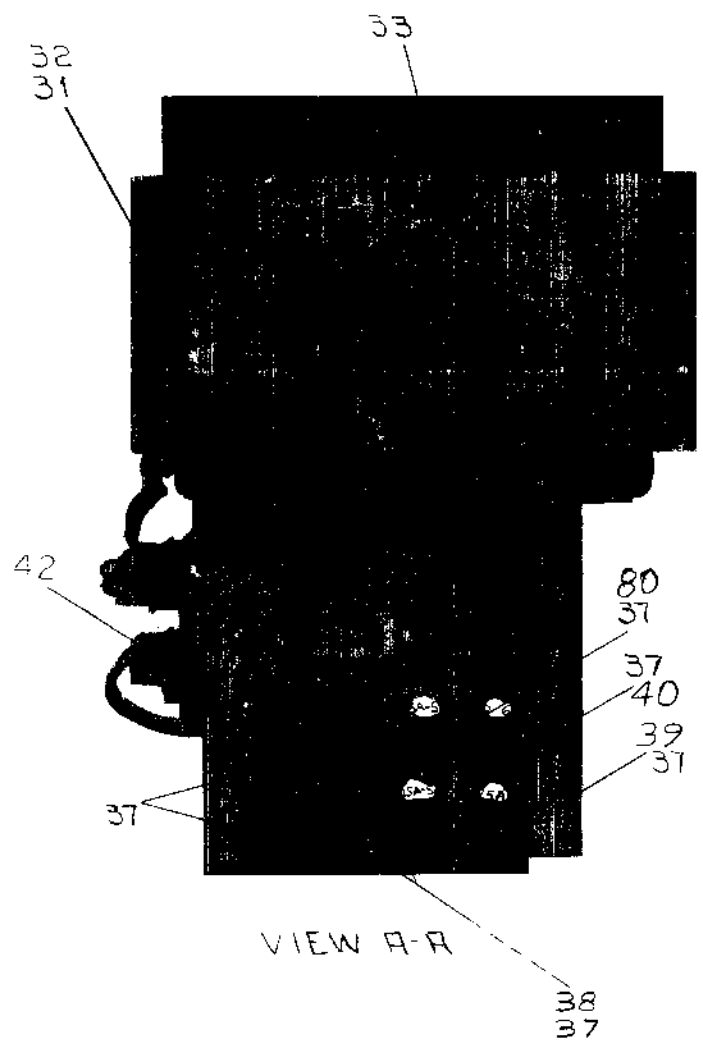
EQUIPMENT CORPORATION	
H730 POWER SUPPLY	
SCALE NONE	NUMBER H730-0-0
SHEET OF 4	REV. K

ITEM NO. H730-0-0

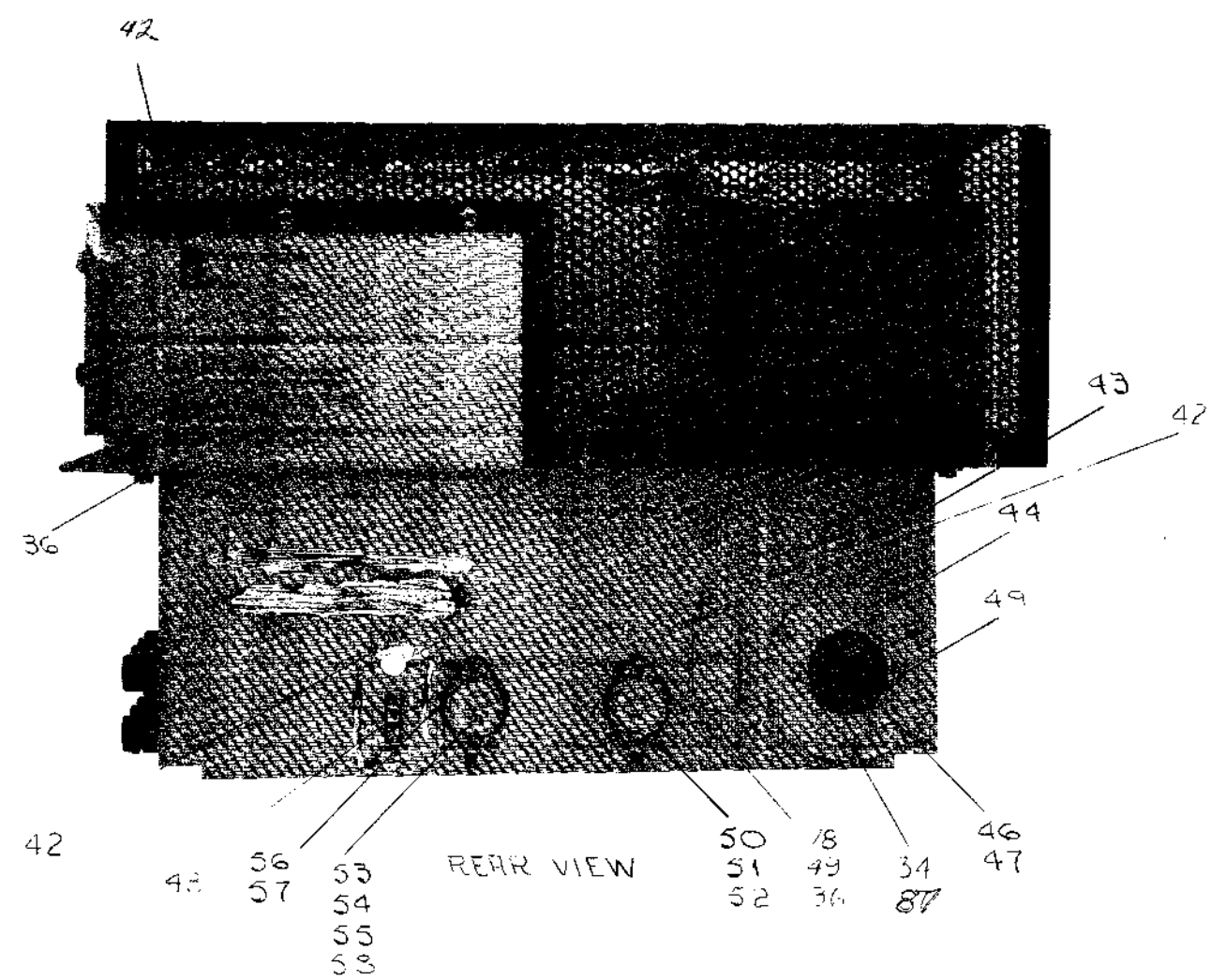
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0-0 H730 0-0 2

D
C
B
A



VIEW A-A



REAR VIEW

REV.	
CHANGE	
CHK	

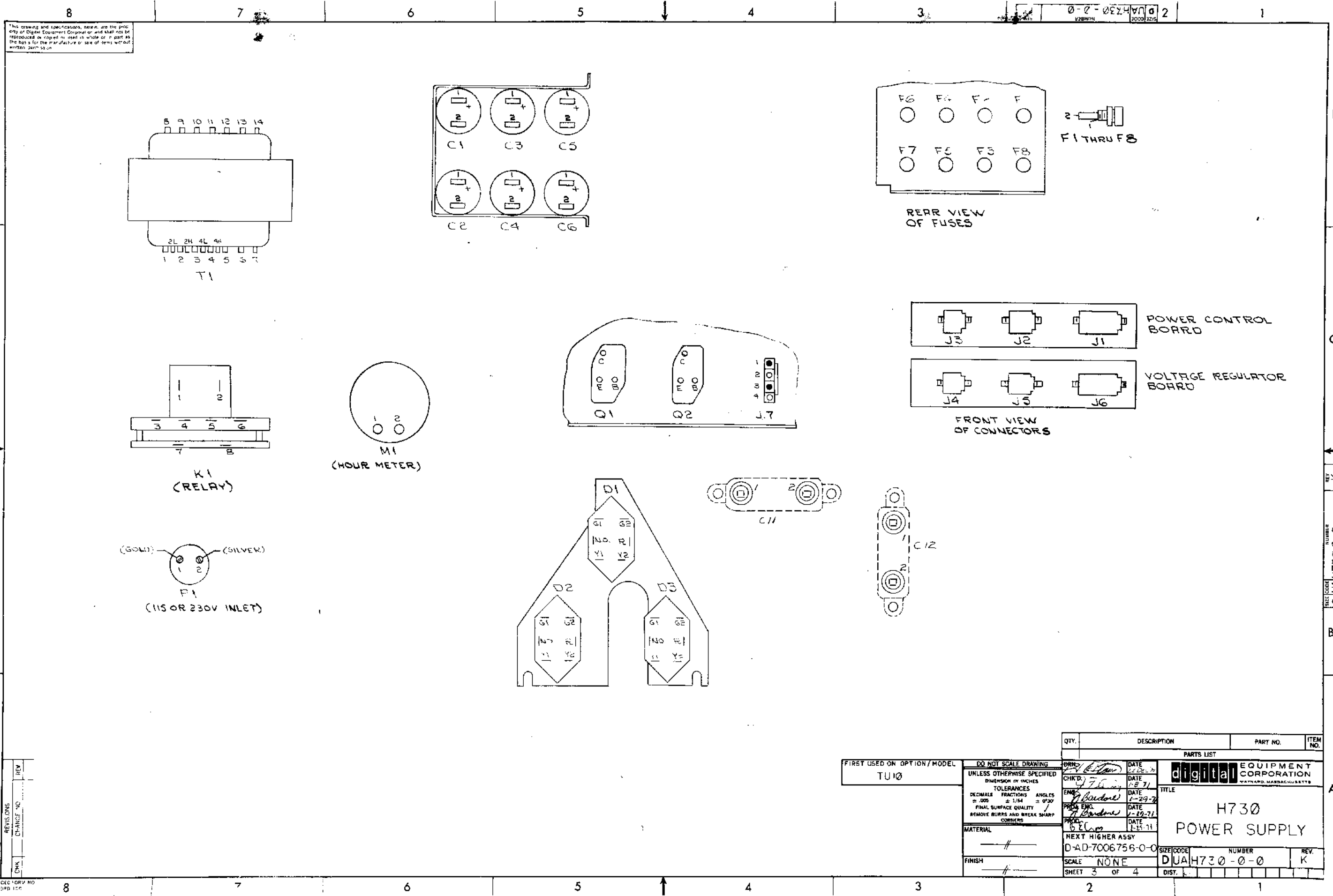
FIRST USED ON OPTION / MODEL
TU 2

DO NOT SCALE DRAWING	DATE 1/8/60
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	CHK'D 1/8/60
TOLERANCES DECIMALS FRACTIONS ANGLES	ENG 1/29/60
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	PROD. ENG. 1/29/60
MATERIAL	PROD. 1/29/60
FINISH	

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
		digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
		H730 POWER SUPPLY	
NEXT HIGHER ASSY D-40-7006756-0-0		SIZE/CODE DUA H730-0-0	NUMBER REV.
SCALE NONE		SHEET 2 OF 4	
		DIST.	

REV. K
NUMBER DUA H730-0-0

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REV	NO	DATE
CHG	NO	DATE
REV	NO	DATE

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'
FINAL SURFACE QUALITY
REMOVE BURRS AND BREAK SHARP CORNERS

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN: [Signature]	DATE: 1-28-71	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
CHK'D: [Signature]	DATE: 1-28-71		
ENG: [Signature]	DATE: 1-29-71		
PRG. ENG. [Signature]	DATE: 1-29-71		
PROD. [Signature]	DATE: 1-29-71	TITLE H730 POWER SUPPLY	
NEXT HIGHER ASSY		SIZE CODE	NUMBER
DAD-7006756-0-0		DUA	H730-0-0
SCALE NONE		DIST.	REV. K
SHEET 3 OF 4			

REV. K
 NUMBER
 DUA H730-0-0

DEC 15 1970

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WIRE TABLE				
ITEM NO	DESCRIPTION	FROM HARNESS POINT NUMBER	TO POWER SUPPLY LOCATION	REMARKS
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 POINT NUMBER	TO POWER SUPPLY LOCATION	REMARKS
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	
	-	J5	J5 SLOT	

JUMPER TABLE					
ITEM NO	DESCRIPTION	FROM P.S. LOCATION	TO P.S. LOCATION	WITH	REMARKS
60	14 YEL	D1-Y2	D1-G2		
		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	F6-1		
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 390Ω 2W 10%		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 390Ω 2W 10%		C6-1	C6-2		67,69
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	
CHG	
ADD	
DEL	
REVISE	
CHANGE	
DATE	
BY	

FIRST USED ON OPTION / MODEL
TU10

DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES
DECIMALS FRACTIONS ANGLES
± .005 ± .0005 ± .010
REMOVE BURRS AND BREAK SHARP CORNERS
MATERIAL
FINISH

QTY.	DESCRIPTION	PART NO	ITEM NO
PARTS LIST			
DRN.	DATE	digital EQUIPMENT CORPORATION MILFORD MASSACHUSETTS	
CHK'D.	DATE	TITLE	
ENG.	DATE	NEXT HIGHER ASSY	
PROD.	DATE	SCALE NONE	SHEET 2 OF 5
DUAL 7006/57 G C		SIZE CODE	NUMBER
DUAL H730-0-0		DIST.	REV

LOCK WASH #10 INT TOOTH
 HARNES . DIODED
 HARNES, FUSE
 HARNES, CONN. PLUG
 HARNES, CAP. TO DIODES
 HARNES, CONNECTOR
 115V JUMPER ASSEMBLY
 230V JUMPER ASSEMBLY

QUANTITY / VARIATION

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	12	12	12	12
12	1210102	RELAY	1	1	1	1
13	9006803	SPACER 1/2 AF X 1/2 LG X #6 HOLE	3	3	3	3
14	9008185	NUT, KEPS #6-32 (SMALL)	5	5	5	5
15	C-MD-5308370-0-0	PLATE, RECTIFIER	1	1	1	1
16	9007081	CABLE CLAMP NYLON 1/2 DIA	1	1	1	1
17	9006012-1	SCR PHL HD PAN #4-40 X 7/16	3	3	3	3
18	9006557	NUT, KEP #4-40	9	9	9	9
19	9007151	SNAP PUSHING BLK NYLON #750-10	2	2	2	2
20	9006073-1	SCR PHL HD PAN #10-32 X 1/2 LG	4	4	4	4
21	9006635	LOCK WASH #10 INT TOOTH	28	28	28	28
22	C-IA-5308785-0-0	COVER, BRACKET POWER SUPPLY	1	1	1	1
23	9006565	NUT KEPS #10-32	7	7	7	7
24	9006022-2	SCR PHL HD FLAT #6-32 X 3/8	4	4	4	4
25	9006560	NUT, KEPS #6-32 (LARGE)	14	14	14	14
26	9007242	FUSE HOLDER HKP	8	8	8	8
27	9008838	FUSE #3AG 10 AMP	2	2	2	2
28	9007221	FUSE #3AG 5 AMP	1	1	1	1
29	9007999	FUSE #3AG 6 AMP	1	1	1	1
30	9007225	FUSE #3AG 10 AMP SB	2	2	2	2
31	-DC-5309349-0-0	POWER SUPPLY LABEL	1	1	1	1
32	D-IA-5308784-0-0	CHASSIS, POWER SUPPLY SUPPORT	1	1	1	1
33	-MD-5308787-1-0	ADAPTER PLATE 115V	1	0	1	0

TITLE	H730 POWER SUPPLY	ASSY NO.	D-UA-H730-0-0	SIZE CODE	A PL	NUMBER	H730-0-0	REV.	K	ECO NO.	H730-00010
		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. B. Boyle</i>	PROD	<i>B. E. Goss</i>	ISSUED SECT.	
DATE	<i>1-27-71</i>	DATE	<i>1-29-71</i>		1

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	QUANTITY / VARIATION			
			H730-A	H730-B	H730-C	H730-D
23	1210102	RELAY	1	1	1	1
24	9006803	SPACER 1/2 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 1/2 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 PUSHING 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	-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	-MD-5308787-1-0	ADAPTER PLATE 115V	1	0	1	0

TITLE	H730 POWER SUPPLY	ASSY NO.	D-UA-H730-0-0	SIZE CODE	A PL	NUMBER	H730-0-0	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. Bardon</i>		PROD <i>BEG</i>		ISSUED SECT.																	
DATE 1-29-71		DATE 1-29-71		1																	
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION																			
45	900601-1	SCR PHL HD PAN #4-40 X 3/4 LG		6	6	6	6														
46	120125	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	900602-1	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	900655	NUT, HEX #2-56		4	4	4	4														
52	900663	LOCK WASH #2-56 INT TOOTH		4	4	4	4														
53	150306	TRANSISTOR #DEC2N3715		2	2	2	2														
54	900672	WASHER, INSULATING		2	2	2	2														
55	120120	TRANSISTOR SOCKET		2	2	2	2														
56	9007793-1	SCR PHL PAN #6-32 X 9/16		4	4	4	4														
57	900663	LOCK WASH #6 INT TOOTH		16	16	16	16														
58	900826	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. Bardon</i>		PROD <i>BEG</i>		ISSUED SECT.																	
DATE 1-29-71		DATE 1-29-71		1																	
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION																			
67	9107295-01	TUBING #14 AWG TEF INS BRN		A/R	A/R	A/R	A/R														
68	900793	CONN. #50360 ARKLESS (RED)		16	16	16	16														
69	900891	CONN. #50902 ARKLESS (RED)		8	8	8	8														
70	9107295-10	TUBING #22 AWG TEF INS CLEAR		A/R	A/R	A/R	A/R														
71	900656	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	7008325-1	FERRITE JUMPER ASSY RED		1	1	1	1														
78	100153	CAP. BATHUB 2X .1uf 1000 VDC		2	2	2	2														
		440 AC 60HZ																			
79	B-DC-5319480-0-0	CHASSIS P.S. DECAT (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	9007394	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	9008394	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. LERLANC	CHECKED J. FLEMING	SECTION	
DATE 12/18/70	DATE 1/8/71	ISSUED SECT.	1
ENG J. BARDONE	PROD E.E. CROSS		
DATE 1/29/71	DATE 1/29/71		1

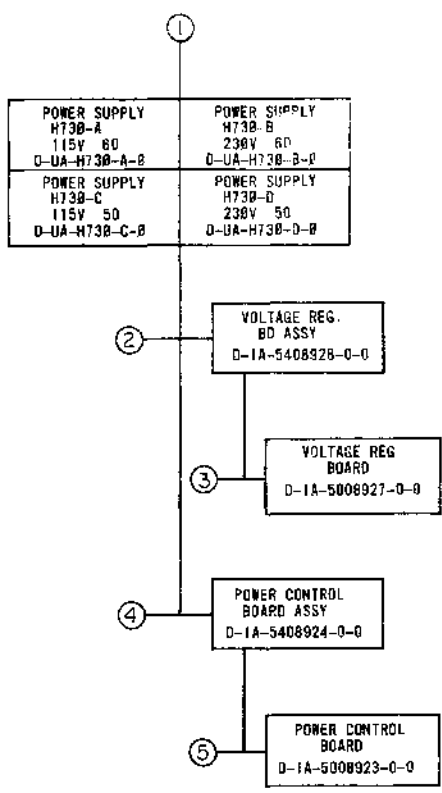
QUANTITY / VARIATION

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	H730-A	H730-B	H730-C	H730-D				
86	A-PS-3010267-1-0	STICKER "DANGER HIGH VOLTAGE"	2	2	2	2				
87	90-01072-01	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 H730 POWER SUPPLY	ASSY NO. D-PA-H730-0-0	CODE A PL	NUMBER H730-0-0	REV K	ECONO
SHEET <u>5</u> OF <u>5</u>					

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D
C
B
A



MECHANICAL			DEPT USAGE		ELECTRICAL			DEPT USAGE			
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 DIODE HARNESS CONN PLUG HARNESS CAPACITOR TO DIODE HARNESS FUSE HARNESS POWER SUPPLY HARNESS 115V CONNECTOR 230V CONNECTOR SHIELD SUPPORT CHASSIS FERRITE JUMPER ASSY STICKER	D-UA-H730-A-B A-PL-H730-A-B D-UA-H730-B-B A-PL-H730-B-B D-UA-H730-C-B A-PL-H730-C-B D-UA-H730-D-B A-PL-H730-D-B D-1A-5308784-0-0 E-1A-5308785-0-0 C-1A-5308785-0-0 D-1A-5308948-0-0 C-MD-5308970-0-0 D-MD-5308193-0-0 B-MD-5308787-0-0 B-DC-5308349-0-0 D-1A-7007102-0-0 D-1A-7007100-0-0 D-1A-7007099-0-0 D-1A-7007101-0-0 E-1A-7007103-0-0 C-MD-7007175-0-0 C-MD-7007176-0-0 C-PS-120289-0-0 B-1A-7008326-0-0 A-PS-3610267-0-0				1.	POWER SUPPLY H730 POWER SUPPLY H730B POWER SUPPLY H730C POWER SUPPLY H730D CIRCUIT SCHEMATIC TEST PROCEDURE	A-WL-H730-0 A-ML-H730-0 A-ML-H730-C D-CS-H730-0-1 A-SP-H730-0-3			
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				2.	CIRCUIT SCHEMATIC	D-CS-5408928-0-1			
3.	VOLTAGE REGULATOR BD PRINTED CIRCUIT	E-1A-5008927-0-0 PC-5008927-0-1				4.	CIRCUIT SCHEMATIC	D-CS-5408924-0-1			
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									

D
C
B
A

REV.	CHG	BY	DATE
1	A	BARDONE	1/17/71
2	B	BARDONE	2/11/71
3	C	BARDONE	2/11/71
4	D	BARDONE	2/11/71
5	E	BARDONE	2/11/71
6	F	BARDONE	2/11/71
7	G	BARDONE	2/11/71
8	H	BARDONE	2/11/71

FIRST USED ON OPTION/MODEL: H730 B/S

DATE: 1/17/71

CHK'D: [Signature]

ENG: [Signature]

PROJ: [Signature]

SCALE: 1/1

SHEET: 1 OF 1

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

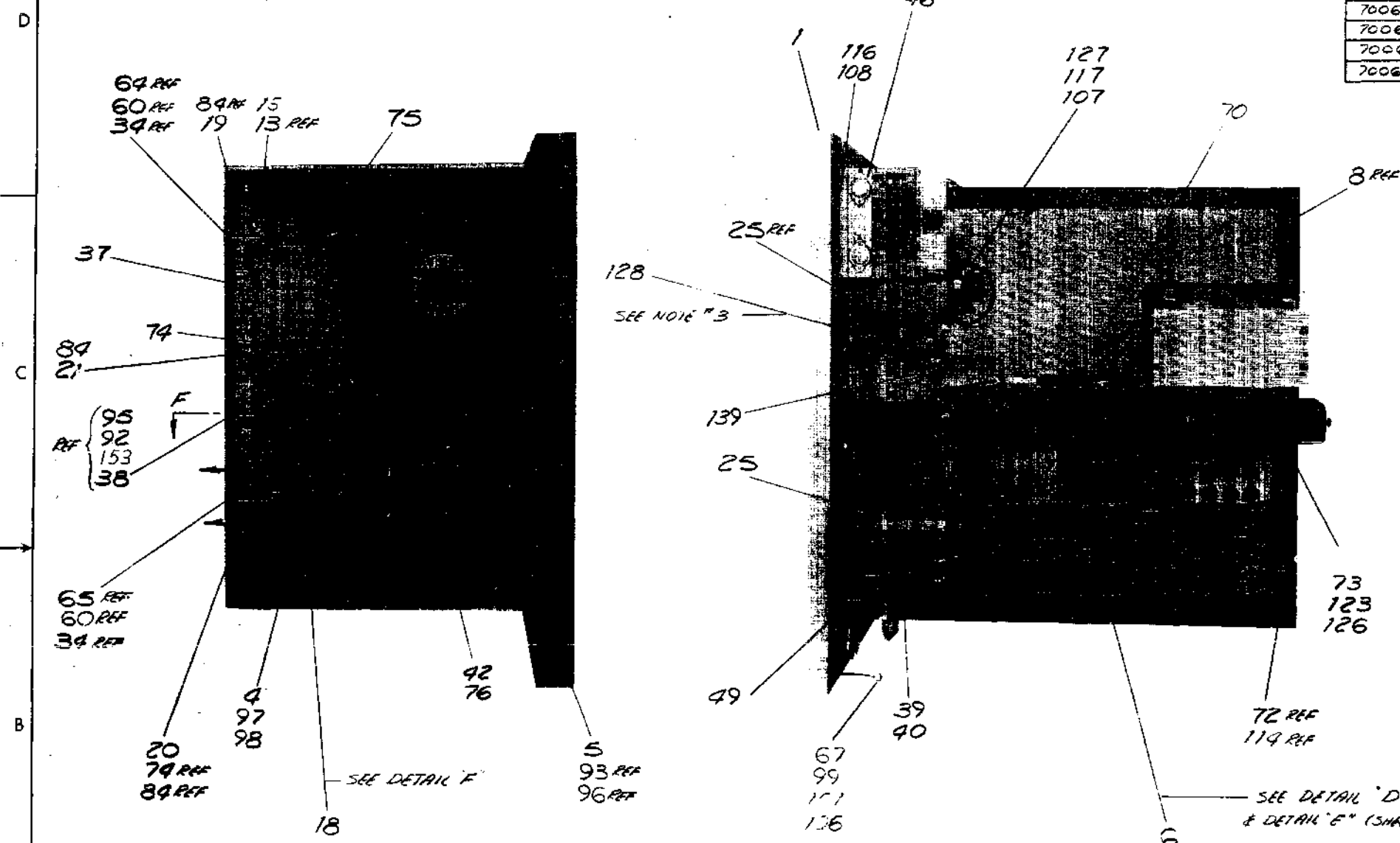
TITLE: DRAWING INDEX LIST

SIZE: CODE NUMBER REV
D-DI H730-0-2 D

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1972

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: 9605960
 - B. HUB GAGE: *9605961
 - C. READ WRITE SETUP GAGE: *9605994
 - D. READ WRITE REEL GAGE: *9605993
 - E. CAPSTAN GAGE: *9605606



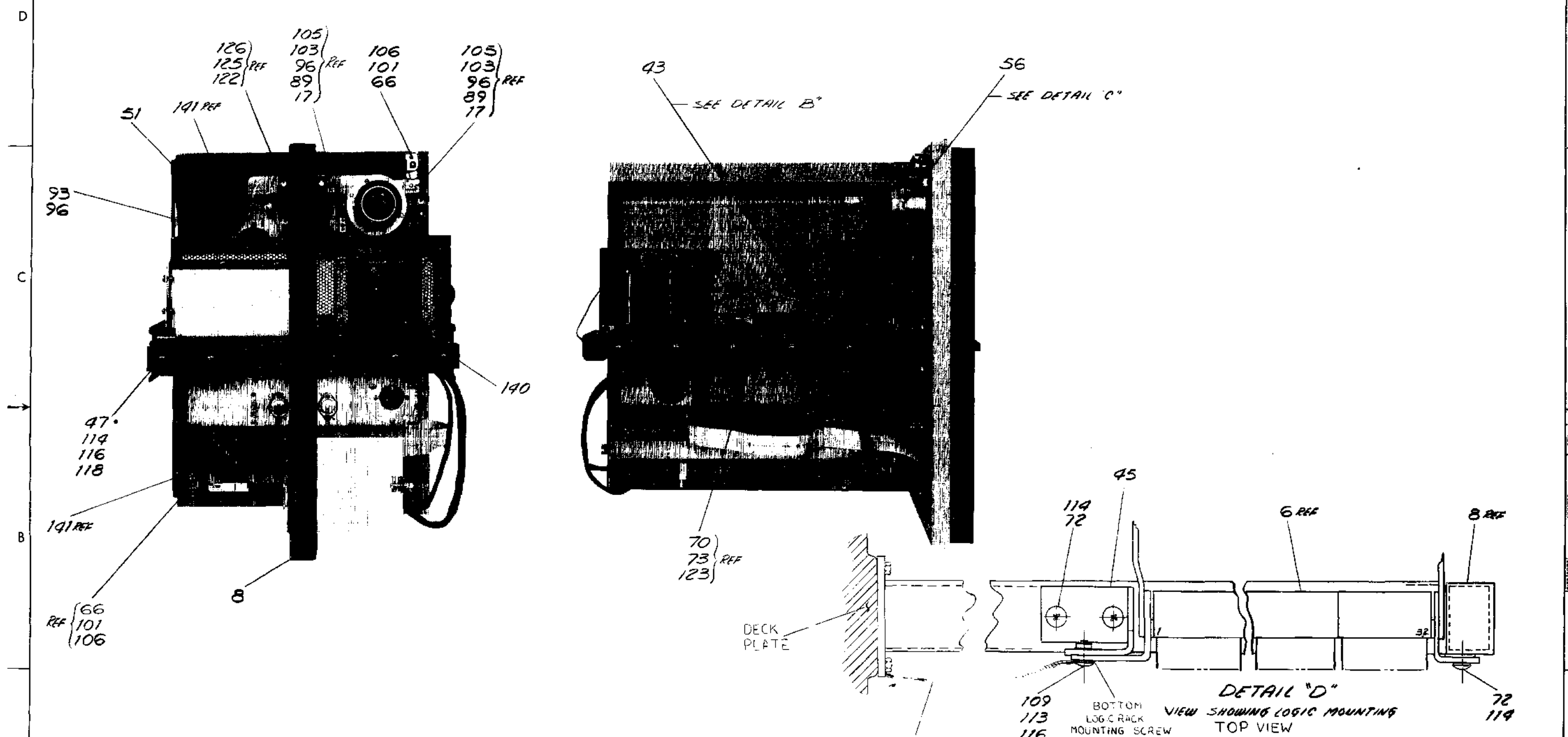
REV	DATE	BY	DESCRIPTION
1	5/13/72	J. BARDONE	REVISED TO 00035
2	7/10/72	J. BARDONE	REVISED TO 00046
3	7/10/72	J. BARDONE	REVISED TO 00050
4	7/10/72	J. BARDONE	REVISED TO 00052
5	7/10/72	J. BARDONE	REVISED TO 00056
6	7/10/72	J. BARDONE	REVISED TO 00057
7	7/10/72	J. BARDONE	REVISED TO 00058
8	7/10/72	J. BARDONE	REVISED TO 00059

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 2-8-72 DATE 2-16-72 DATE 2-18-72 DATE 2-18-72 DATE 2-18-72
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QTY.	DESCRIPTION	PART NO.	ITEM NO.
	PARTS LIST		
	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		
	TITLE TAPE TRANSPORT ASSY		
	SCALE NONE	NUMBER DAD 7006756-0-0	REV K
	SHEET 1 OF 3	DATE 2-18-72	

REV. NO. 7006756-0-0 K

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REV.	
CHG.	
CHK.	
APP.	
BY	
DATE	

FIRST USED ON OPTION/MODEL
TU12

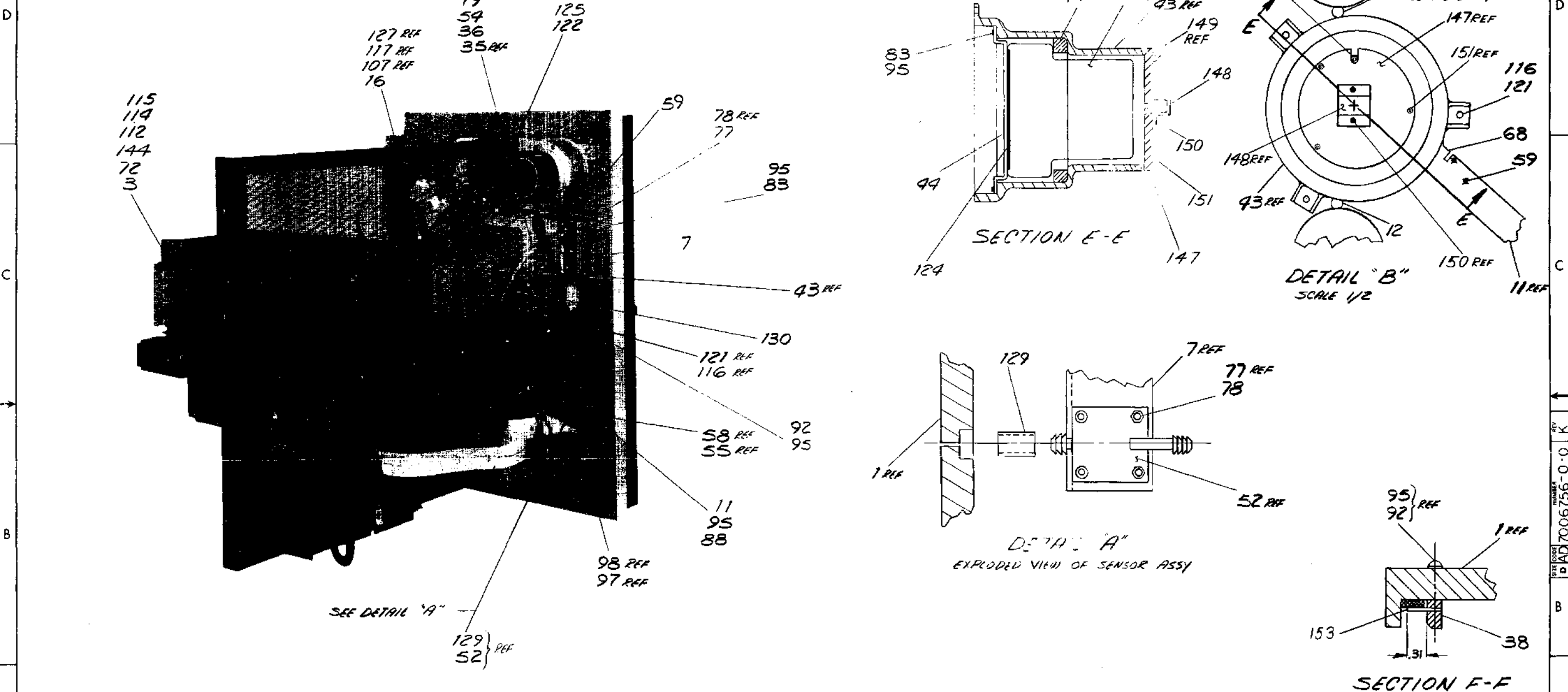
DO NOT SCALE DRAWING	DATE 2-17-71
UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES	DATE 2-17-71
TOLERANCES	DATE 2-17-71
ANGLES	DATE 2-17-71
FINAL SURFACE QUALITY	DATE 2-17-71
REMOVE BURRS AND BREAK SHARP CORNERS	DATE 2-17-71
MATERIAL	DATE 2-17-71
FINISH	DATE 2-17-71
SHEET 2	9

QTY.	DESCRIPTION	PART NO.	ITEM NO.
	PARTS LIST		
	digital EQUIPMENT CORPORATION		
	TAPES TRANSPORT ASSY		
	SIZE CODE	NUMBER	REV.
	DAD	7006756-0-0	
	DIST.		

REV. 0-0-0-95290Z (D) 2

0-0-992900-02

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1972



FIRST USED ON OPTION/MODEL
TU10

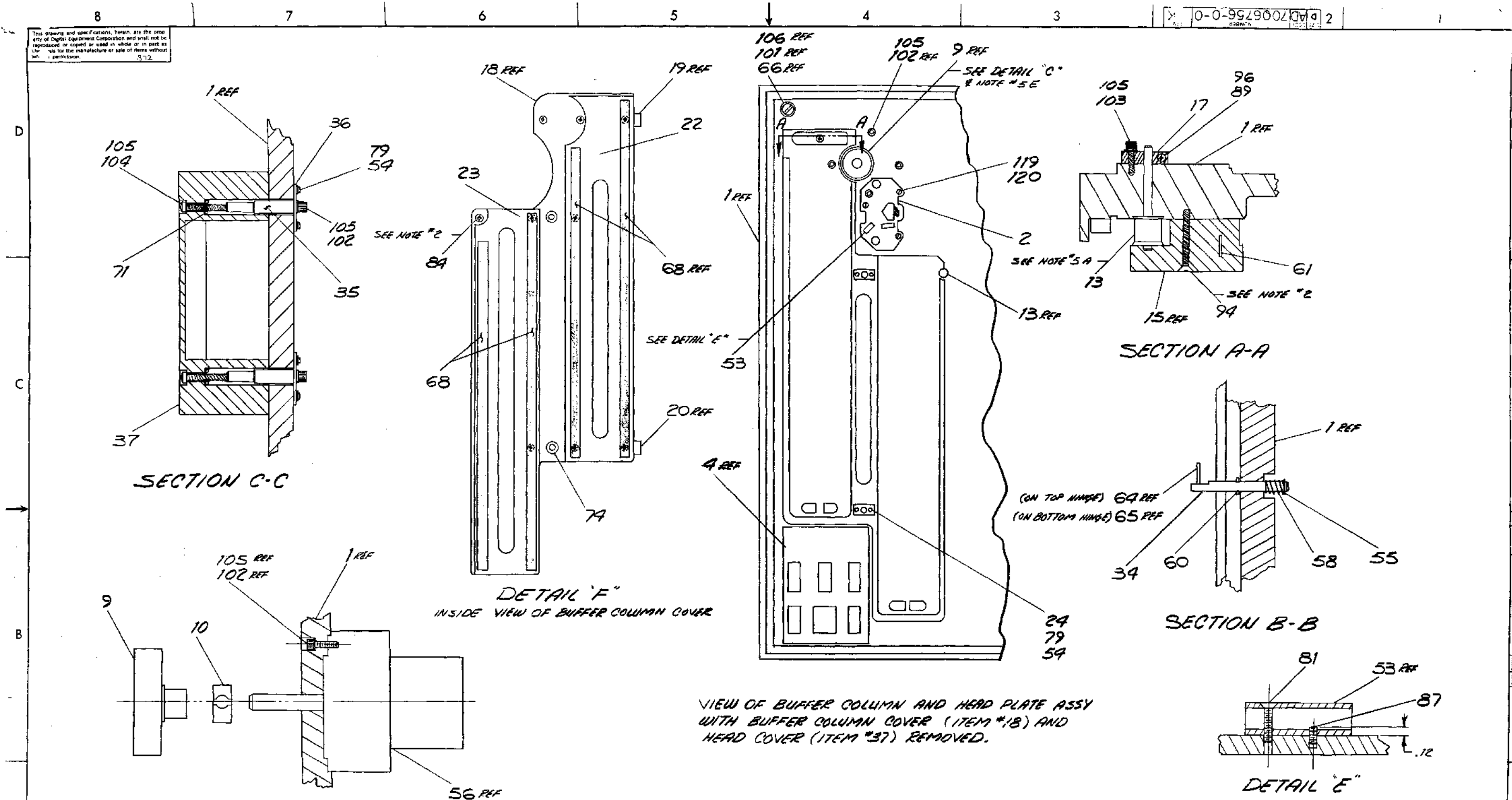
DO NOT SCALE DRAWING	UNLESS OTHERWISE SPECIFIED
TOLERANCES	DIMENSION IN INCHES
DECIMALS	FRACTIONS
ANGLES	ANGLES
FINISH SURFACE QUALITY	REMOVE BURRS AND BREAK SHARP CORNERS
MATERIAL	
FINISH	

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRW.	DATE	1-2-70	
CHK'D.	DATE	4-11	
ENGR.	DATE	2-18-71	
PBOL. ENG.	DATE	2-18-71	
PROD.	DATE	2-23-71	
NEXT HIGHER ASSY	110-0-0		
SCALE	NONE		
SHEET	2 OF 5		
digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		TITLE TAPE TRANSPORT ASSY	
SIZE CODE	NUMBER	REV.	
DJAD	7006756-0-0	K	

REV. CODE NUMBER
DJAD 7006756-0-0 K

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0-0-952900Z Rev 2



SECTION C-C

SECTION A-A

SECTION B-B

DETAIL F
INSIDE VIEW OF BUFFER COLUMN COVER

VIEW OF BUFFER COLUMN AND HEAD PLATE ASSY WITH BUFFER COLUMN COVER (ITEM #18) AND HEAD COVER (ITEM #37) REMOVED.

DETAIL E

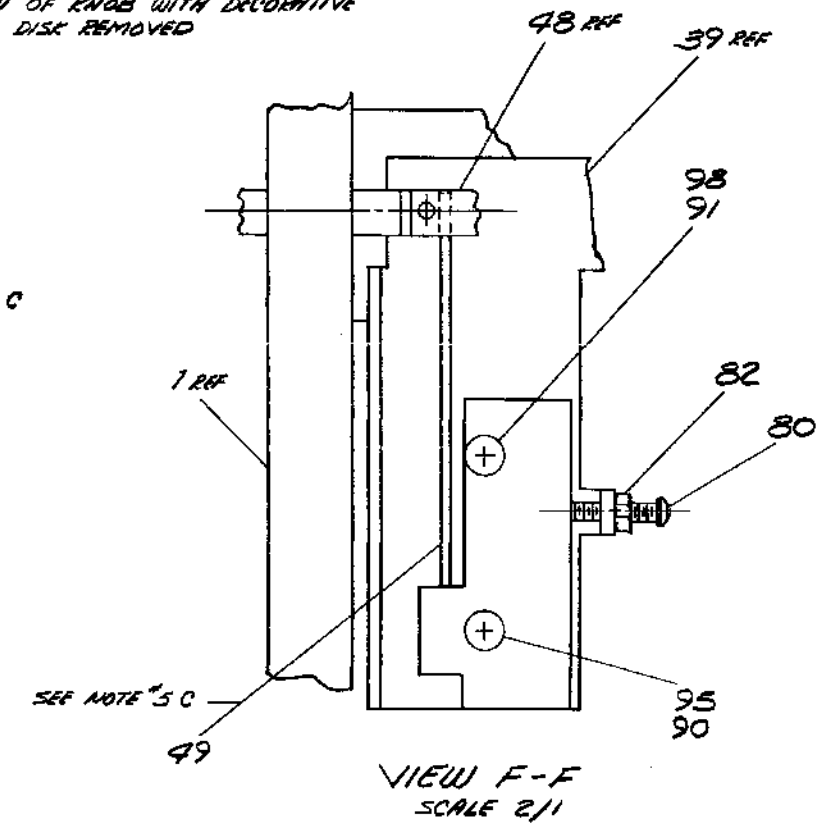
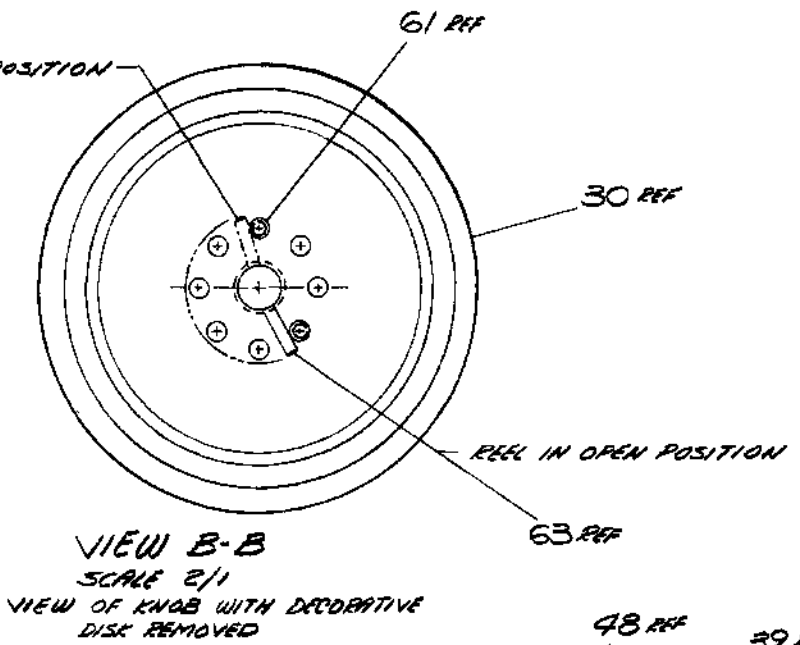
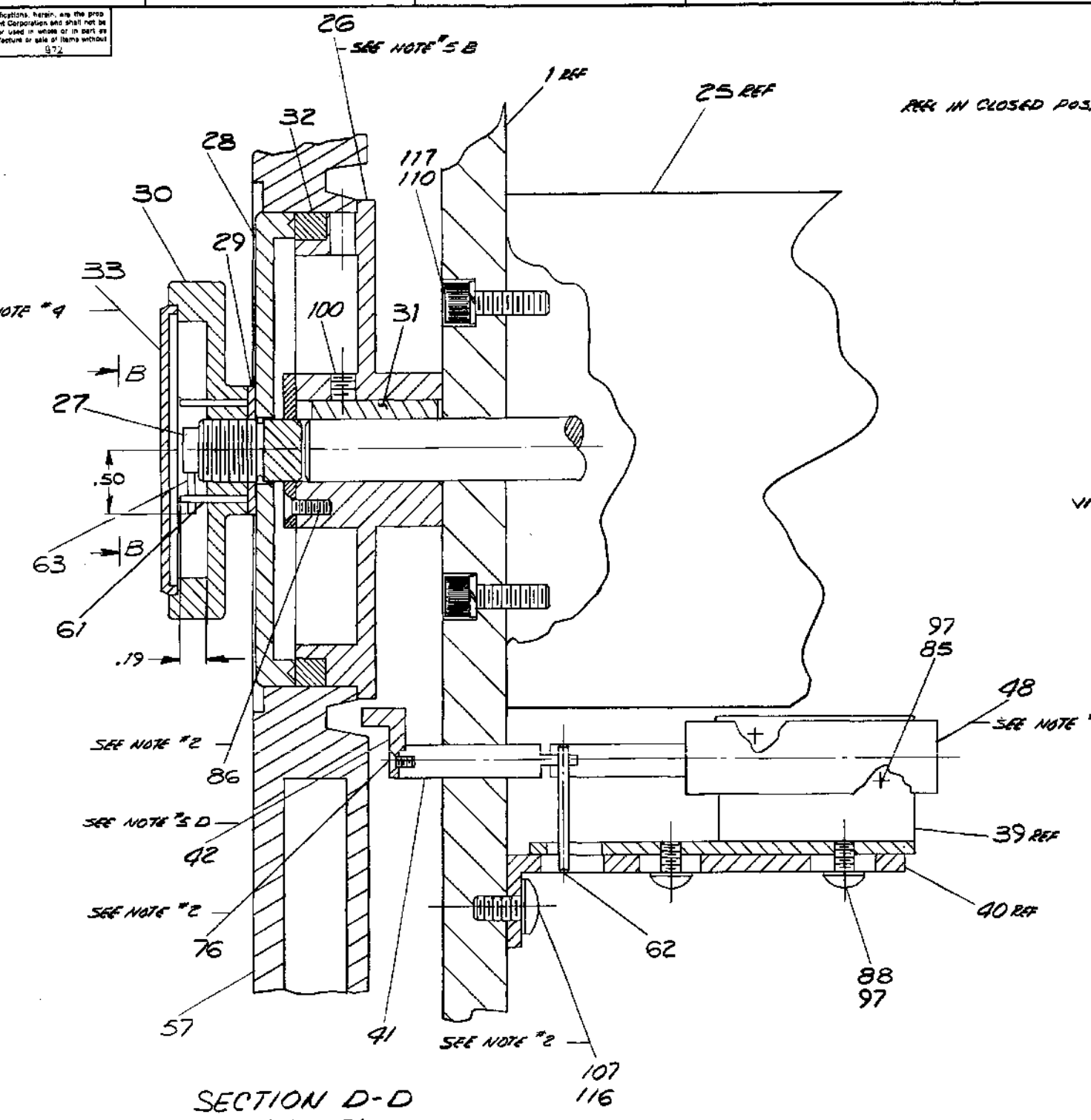
DETAIL C
EXPLODED DETAIL OF CAPSTAN ASSY

REV	CHANGE NO.	REVISIONS

FIRST USED ON OPTION/MOD	QTY	DESCRIPTION	PART NO.	ITEM NO.
TU10				
UNLESS OTHERWISE SPECIFIED	DATE	PARTS LIST		
UNLESS OTHERWISE SPECIFIED	2/27/72	DIGITAL EQUIPMENT CORPORATION		
TOLERANCES	DATE	TITLE		
ANGLES	2/16/72	TAPE TRANSPORT ASSY		
FINAL SURFACE QUALITY	DATE	SIZE CODE		
REMOVE BURRS AND BREAK SHARP CORNERS	2/27/72	NUMBER		
MATERIAL	DATE	D1AD7006756-0-0		
NEXT HIGHER ASSY	DATE	SHEET		
D UN-TU10-B-S	2/23/72	4 OF 8		
SCALE	NONE	DIST		
SHEET				

NUMBER
 D1AD7006756-0-0

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SECTION D-D
SCALE 2/1

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

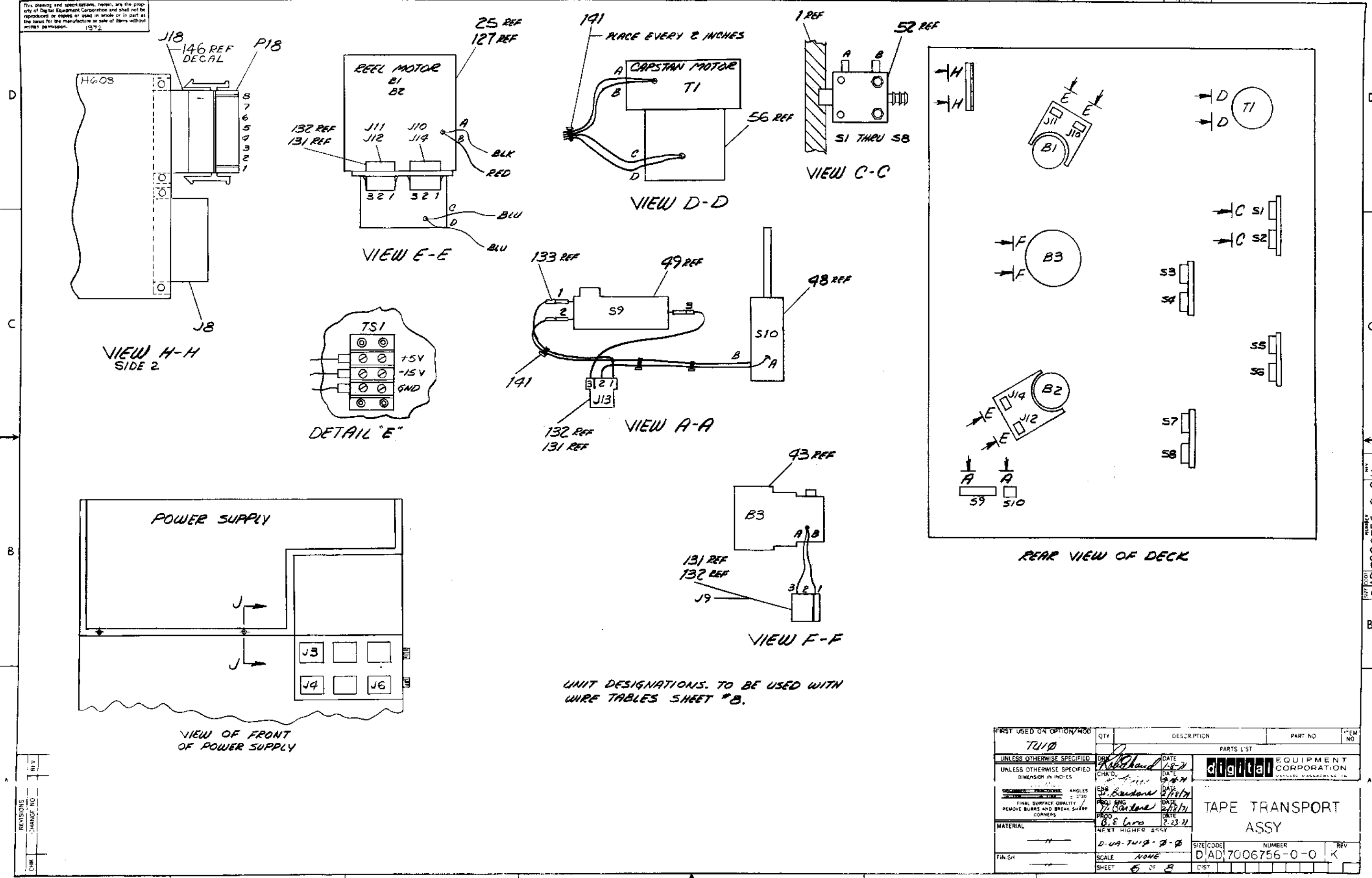
VIEW F-F
SCALE 2/1

REV	NO	DATE	BY

FIRST USED ON OPTION/MOD	QTY	DESCRIPTION	PART NO.	ITEM NO.
TU10				
UNLESS OTHERWISE SPECIFIED				
UNLESS OTHERWISE SPECIFIED	DATE	PARTS LIST		
UNLESS OTHERWISE SPECIFIED	DATE	digital EQUIPMENT CORPORATION		
UNLESS OTHERWISE SPECIFIED	DATE	TITLE		
UNLESS OTHERWISE SPECIFIED	DATE	TAPES TRANSPORT ASSY		
UNLESS OTHERWISE SPECIFIED	DATE	SIZE CODE NUMBER		
UNLESS OTHERWISE SPECIFIED	DATE	DAD 7006756-0-0 K		
UNLESS OTHERWISE SPECIFIED	DATE	SCALE		
UNLESS OTHERWISE SPECIFIED	DATE	SHEET 5 OF 8		

DAD 7006756-0-0 K

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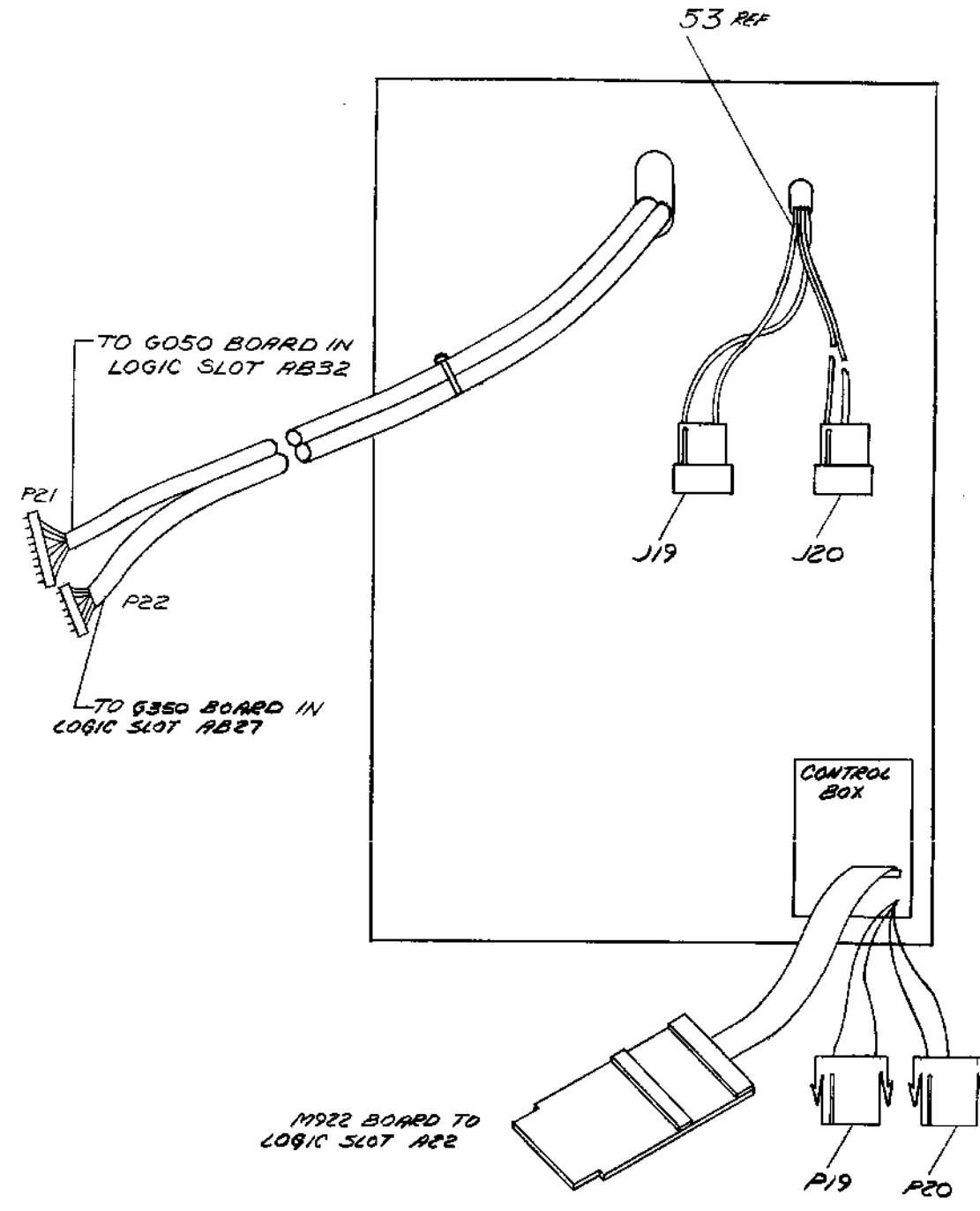
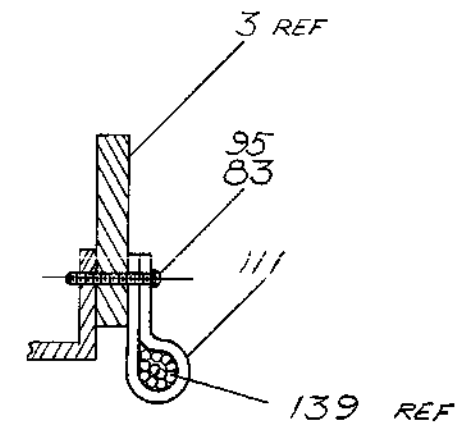
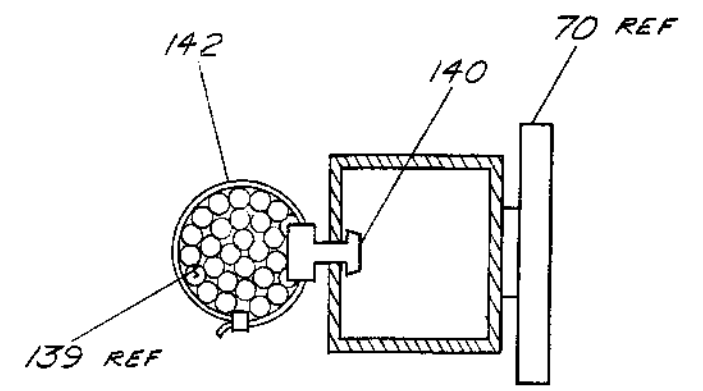


REV	NO
CHK	CHANGE NO
REVISIONS	

FIRST USED ON OPTION/MOD	QTY	DESCRIPTION	PART NO	ITEM NO
TU10				
UNLESS OTHERWISE SPECIFIED	DRY	DATE	PARTS LIST	
UNLESS OTHERWISE SPECIFIED	CHK'D	DATE	digital EQUIPMENT CORPORATION	
UNLESS OTHERWISE SPECIFIED	ANGLES	DATE		
FINAL SURFACE QUALITY	REMOVE BURRS AND BREAK SHARP CORNERS	DATE		
MATERIAL	FINISH	SCALE	NUMBER	REV
		NONE	D'AD, 7006756-0-0	K
	SHEET	6 OF 8	D'AD, 7006756-0-0 K	

D'AD, 7006756-0-0 K

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FIRST USED ON OPTI/MOD	QTY.	DESCRIPTION	PART NO.	ITEM NO.
7410				
UNLESS OTHERWISE SPECIFIED				
UNLESS OTHERWISE SPECIFIED	DATE	PARTS LIST		
DIMENSION IN INCHES	1-12-71	digital EQUIPMENT CORPORATION		
TOLERANCES	7-16-71	TITLE		
ANGLES	2-18-71	TAPE TRANSPORT ASSY.		
FINISH SURFACE QUALITY	2-18-71	SIZE CODE		
REMOVE BURRS AND BREAK SHARP CORNERS	2-18-71	NUMBER		
	2-23-71	DAD 7006756-0-0		
MATERIAL	2-23-71	REV		
NEXT HIGHER ASSY		K		
		SCALE NONE		
FINISH		SHEET 7 OF 8		
		DIST.		

DAD 7006756-0-0 K

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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 GRN			
	18 GRN			
	18 GRN			
	18 GRN	P9	J9	VIEW F-F
	18 RED			
	TWP WHT			
	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	P3	J3	
	18 WHT			
	TWP RED			
	22 WHT			
	TWP BLK			
	18 RED			
	22 RED			
	22 BLK			
	22 BLK			
	22 BLK			
	22 BLK	P4	J4	
	22 BLU			
	22 BLU			
	22 BLK			
	22 BLK			
	22 BRN			
	22 RED			
	22 ORN			
	22 YEL			
	22 GRN			
	22 BLU	P17	LOGIC SLOT A05	
	22 VIO			
	22 GRN			
	22 GRN			
	22 GRN			
	22 GRN			
	22 GRN			
	22 GRN			
	22 GRN			
	22 GRN			
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				P16	LOGIC SLOT A002
	TWP RED			
	18 GRN			
	18 GRN	P15	LOGIC SLOT A001	
	18 GRN			
	18 ORN			
	14 BLK	P15	LOGIC SLOT A001	
	TWP RED			
	18 GRN			
	18 GRN	53	TS1-GND	DETAIL "E"
	18 BLK			
	18 RED			
	22 BLU			
	22 BLU			
	22 RED			
	22 RED			
	22 BLK			
	22 BLK			
	22 BLK				58	TS1-GND
	22 ORN			
	22 VIO			
	22 VIO			
	22 BRN			
	22 GRN			
	22 VIO			
	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				26	S2-A	VIEW C-C
	22 BRN			
	22 RED			
	22 BLK			
	22 BLK			
	22 BLU			
	22 BLU			
	22 BLU			
	22 BLU			
	14 BLK	P10	J10	VIEW E-E
	TWP RED			
	22 BRN			
	22 BRN			
	22 GRN			
	22 YEL			
	22 BRN			
	22 BRN			
	22 BRN			
	22 BRN				35	S4-A	VIEW C-C
	22 BRN			
	22 BRN			
139	22 BRN			

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			
139	22 BLU			
4	22 GRN	P19	J19	J19, J20 PART OF ITEM "53"
4	22 RED			
4	22 BRN	P20	J20	
4	22 YEL			
139	22 BRN	38	S5-A	VIEW C-C
139	22 BRN			

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

WIRE TABLE								
ITEM NO	DESCRIPTION	FROM			TO		REMARKS	
		AWG	COLOR	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-B	133	J13-B	132	
56	22 BLK			71-A	-	P18-1	134 & 137	VIEW H-H P18 MATES WITH J18
	22 RED			71-B	-	P18-2	139	
	22 BLK			71-C	-	P18-B	139	
	22 RED			71-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 F-F
	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	-			B3-A	-	J9-1	131 & 132	VIEW F-F
	-			B3-B	-	J9-3	132	
3	14 BLK			P15 XFER MTS	-	CHASSIS GND	-	

REV	
CHG	
REV	
CHG	

FIRST USED ON OPTION/MOD	CITY	DESCRIPTION	PART NO	ITEM NO
TU10				
UNLESS OTHERWISE SPECIFIED	DATE	PARTS LIST		
UNLESS OTHERWISE SPECIFIED	DATE	digital EQUIPMENT CORPORATION		
UNLESS OTHERWISE SPECIFIED	DATE	Tape Transport Assy		
UNLESS OTHERWISE SPECIFIED	DATE	D-1A-TU10-D-0		
UNLESS OTHERWISE SPECIFIED	DATE	SCALE		
UNLESS OTHERWISE SPECIFIED	DATE	SHEET 5 OF 8		
UNLESS OTHERWISE SPECIFIED	DATE	SIZE CODE NUMBER REV		
UNLESS OTHERWISE SPECIFIED	DATE	DAD 7006756-0-0 K		

DAD 7006756-0-0 K

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

MADE BY RAY ROBICHAUD	CHECKED KEN RUSS	SECTION
DATE 1-12-71	DATE	1
ENG <i>J. Cardone</i>	PROD <i>B.E. Gora</i>	ISSUED SECT.
DATE 2/22/71	DATE 2-23-71	1

QUANTITY / VARIATION

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	QUANTITY / VARIATION														
			7006756-1	7006756-2	7006756-3	7006756-4	7006756-5	7006756-6	7006756-7	7006756-8							
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. <i>UK</i>	ECO NO. <i>00076</i>
SHEET 1 OF 8	DIST.				

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

MADE BY RAY ROBICHAUD	CHECKED KEN RUSS	SECTION
DATE 1-12-71	DATE	1
ENG <i>J. Cardone</i>	PROD <i>B.E. Gora</i>	ISSUED SECT.
DATE 2/22/71	DATE 2-23-71	1

QUANTITY / VARIATION

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	QUANTITY / VARIATION														
			7006756-1	7006756-2	7006756-3	7006756-4	7006756-5	7006756-6	7006756-7	7006756-8							
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. <i>UK</i>	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	J.E.	PROD	B.E. Goss		
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	9008527	ROLL PIN 3/32 DIA X 11/16 LG	2	2	2	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	9008114	BUSHING KEYCO	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	9003890	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	9007053	PLUG BUTTON DOT	2	2	2	2	2	2	2	2				
76	9003006-2	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	9003031	STOP NUT #2-56 ESNA	16	16	16	16	16	16	16	16				
79	9003303-1	SCR PHL HD PAN #4-40 X 1/4 LG	8	8	8	8	8	8	8	8				
80	9006013-1	SCR PHL HD PAN #4-40 X 1/2 LG	1	1	1	1	1	1	1	1				
81	9006013-2	SCR PHL HD FLAT #4-40 X 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	K. Russ	SECTION	1
DATE	1-11-71	DATE		ISSUED SECT.	1
ENG	J. Barber	PROD	B.E. Goss		
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	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	1209358	SOLENOID DELTROL CONTROLS #D-15	1	1	1	1	1	1	1	1				
49	1209370	SWITCH MCGILL #2603-1150	1	1	1	1	1	1	1	1				
50	120944-1	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	1210230	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	1209750	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	1209379	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	9006528	ROLL PIN 3/32 DIA X 1/2 LG	5	5	5	5	5	5	5	5				
62	9006720	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

MADE BY	RAY ROBICHAUD	CHECKED	KEN RUSS	SECTION	1
DATE	1-1-71	DATE		ISSUED SECT.	
ENG	J. E.	PROD	B. E. Goss	ISSUED SECT.	1
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	9008827	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	9007934	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	9003996	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	9007051	PLUG BUTTON DOT	2	2	2	2	2	2	2	2
76	9003000-2	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 1/2 LG	8	8	8	8	8	8	8	8
80	9006015-1	SCR PHL HD PAN #4-40 X 1/2 LG	1	1	1	1	1	1	1	1
81	9006019-2	SCR PHL HD FLAT #4-40 X 1 1/4 LG	1	1	1	1	1	1	1	1
82	9006057	NUT KEPS #4-40	1	1	1	1	1	1	1	1
83	9006027-1	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 1/2 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	K. Russ	SECTION	1
DATE	1-13-71	DATE		ISSUED SECT.	
ENG	J. Banks	PROD	B. E. Goss	ISSUED SECT.	1
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-8063-0-0	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	1209358	SOLENOID DELTROL CONTROLS #D-15	1	1	1	1	1	1	1	1
49	1209370	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	1210230	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	1209755	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	1209359	HOSE FITTING #11752-1	2	2	2	2	2	2	2	2
60	9006531	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	9006329	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		7006756-1	7006756-2	7006756-3	7006756-4	7006756-5	7006756-6	7006756-7	7006756-8				
DATE 1-13-71		DATE		ISSUED SECT.													
ENG <i>J. Barone</i>		PROD <i>B. EGers</i>		DATE 2-23-71													
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION															
81	9006020-1	SCR PHL. PAN HD 6-32 X 1/4 LG		2	2	2	2	2	2	2	2	2					
82	9006022-2	SCR PHL HD FLAT #6-32 X 3/8 LG		6	6	6	6	6	6	6	6	6					
87	9009049	SCR SET #4-40 X 3/8 LG. NYLON TIP		1	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	14					
89	9008046-8	SCR SOC HD CAP 6-32 X 1/2 LG		2	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	1					
91	9006027-1	SCR PHL HD PAN 6-32 X 7/8 LG		1	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	2					
93	9008325-8	SCR SOC HD CAP 6-32 X 1-1/4 LG		7	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	1					
95	9007549	WASHER EXT TOOTH #6		26	26	26	26	26	26	26	26	26					
96	9007301	WASHER #6 SPLIT		9	9	9	9	9	9	9	9	9					
97	9006533	WASHER #6 FLAT		8	8	8	8	8	8	8	8	8					
98	9006530	NUT KEPS 6-32		5	5	5	5	5	5	5	5	5					
99	9006033	NUT STOP 6-32 ESNA		1	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	4					
101	9006045-1	SCR PHL HD PAN 8-32 X 1/4 LG		5	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	6					
103	9008338-8	SCR SOC HD CAP #8-32 X 1/2 LG		2	2	2	2	2	2	2	2	2					
104	9008412-8	SCR SOC HD CAP 8-32 1/4 LG		2	2	2	2	2	2	2	2	2					
105	9006730	WASHER SPLIT #8		10	10	10	10	10	10	10	10	10					
106	9009077	WASHER EXT TOOTH #8		5	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		7006756-1	7006756-2	7006756-3	7006756-4	7006756-5	7006756-6	7006756-7	7006756-8				
DATE 1-13-71		DATE		ISSUED SECT.													
ENG <i>J. Barone</i>		PROD <i>B. EGers</i>		DATE 2-23-71													
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION															
107	9006071-1	SCR PHL PAN HD 10-32 X 3/8 LG		10	10	10	10	10	10	10	10	10					
108	9008010-3	SCR PHL TRUSS HD 10-32 X 5/16 LG		2	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	2					
110	9006347-8	SCR SOC HD CAP 10-32 X 5/8 LG		8	8	8	8	8	8	8	8	8					
111	9007032	CABLE CLAMP 5/16 I.D		1	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	1					
113	9006565	KEPS NUT #10-32		2	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	9					
115	9006077-2	SCR PHL HD FLAT 10-32 X 1" LG		1	1	1	1	1	1	1	1	1					
116	9007651	WASHER EXT TOOTH #10		13	13	13	13	13	13	13	13	13					
117	9007907	WASHER SPLIT #10		16	16	16	16	16	16	16	16	16					
118	9006664	WASHER FLAT #10 SST		4	4	4	4	4	4	4	4	4					
119	9007774	SCR SHOULDER PIC #4331-0		3	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	3					
121	9006073-3	SCR PHL HD TRUSS 10-32 X 1/2 LG		3	3	3	3	3	3	3	3	3					
122	9006541	SCR HEX HD CAP 1/2-20 X 1/2 LG		8	8	8	8	8	8	8	8	8					
123	9006058-3	SCR PHL TRUSS HD 1/2-20 3/4 LG		10	10	10	10	10	10	10	10	10					
124	B-MD-7409176-0-0	FOAM, CLEAT		1	1	1	1	1	1	1	1	1					
125	9007792	WASHER FLAT .221 I.D X .625 O.D. X 1/16		8	8	8	8	8	8	8	8	8					
126	9006724	WASHER EXT TOOTH 1/4		8	8	8	8	8	8	8	8	8					
127	1210027	BRAKE REEL MOTOR SIMPLATROL		2	2	2	2	2	2	2	2	2					
128	1209056	FILTER ATOMUFFLER		2	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 <i>J. Bardone</i>	PROD <i>B. E. Cross</i>	
DATE <i>2/22/71</i>	DATE <i>2-23-71</i>	

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	QUANTITY / VARIATION									
			7006756-1	7006756-2	7006756-3	7006756-4	7006756-5	7006756-6	7006756-7	7006756-8		
129	910771	RUBBER TUBING #192	A/RA/R	A/RA/R	A/RA/R	A/RA/R	A/RA/R	A/RA/R	A/RA/R			
130	910771	HOSE VINYL 3814-1	A/RA/R	A/RA/R	A/RA/R	A/RA/R	A/RA/R	A/RA/R	A/RA/R			
131	120933-00	SOCKET HOUSING (MATE-N-LOCK)#1-480304-0	6	6	6	6	6	6	6	6		
132	120933-01	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	120933-01	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/R	A/RA/R	A/RA/R	A/RA/R	A/RA/R	A/RA/R	A/RA/R			
136	910735-44	WIRE 22 AWG STRD TEF INS YEL	A/RA/R	A/RA/R	A/RA/R	A/RA/R	A/RA/R	A/RA/R	A/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-1A-7007177-0-0	TU1Ø 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 TU1Ø	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	RFV. 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 1/15/71	DATE	ISSUED SECT. 1
ENG J. BARDONE	PROD B. CROSS	
DATE 2/22/71	DATE 2/23/71	

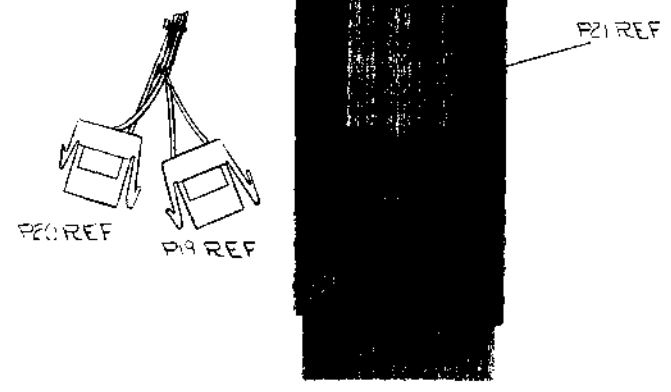
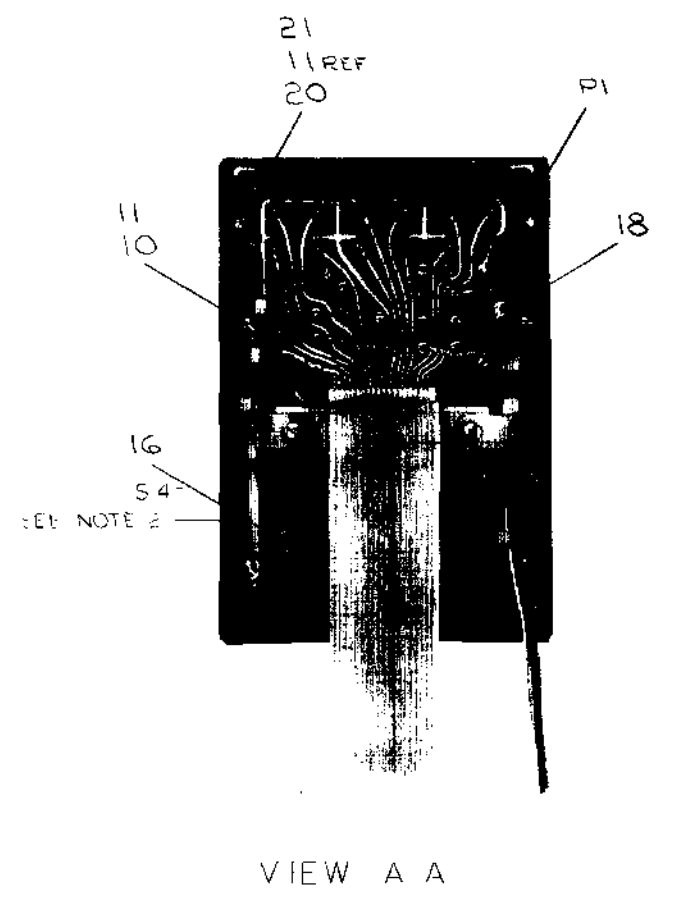
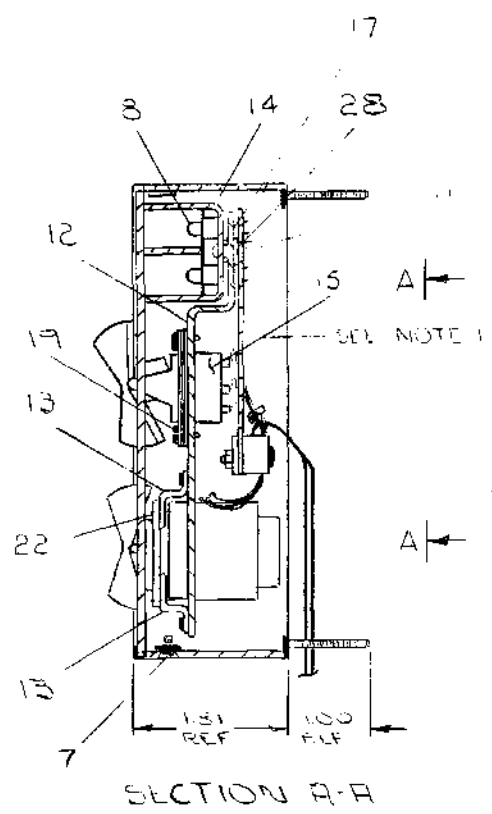
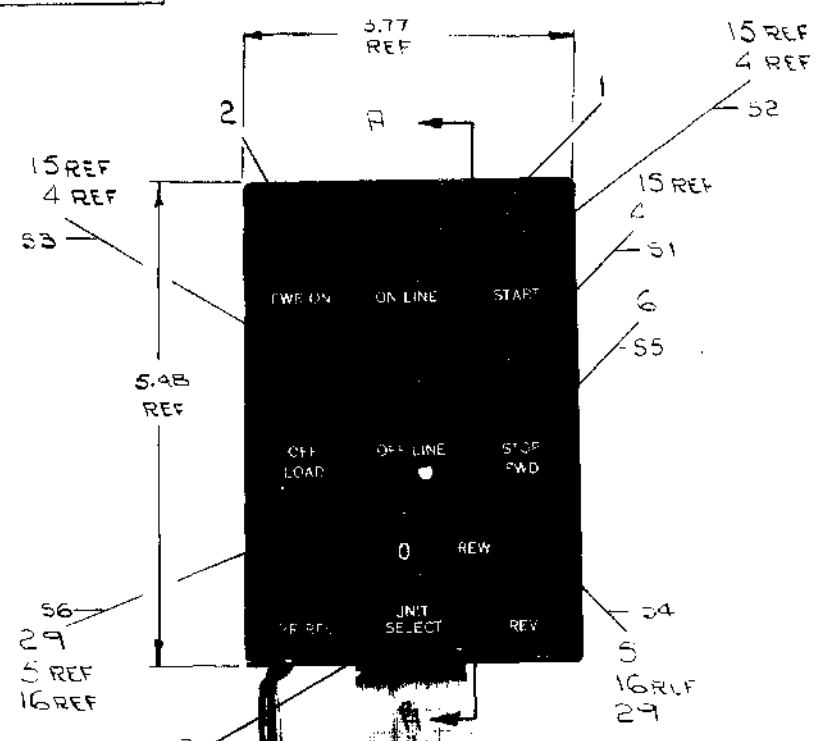
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	QUANTITY / VARIATION									
			7006756-1	7006756-2	7006756-3	7006756-4	7006756-5	7006756-6	7006756-7	7006756-8		
151	9006009-8	SCR, CAP SOCKET HD. #4-40 x 1/2 LG.	3	3	3	3	3	3	3	3		
152	9008887	BRAID STRAP	1	1	1	1	1	1	1	1		
153	9009377	ROLL PIN 3/32 X 5/16 LG.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

DEC FORM DEC 16 (25)-1031-N870
DRA 110

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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 A
NUMBER
DAD 7006757-0-0

REV	DATE	BY	CHKD
A			
B			
C			
D			

FIRST USED ON OPTION/MODEL
TU10

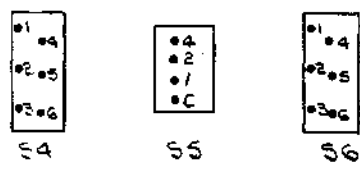
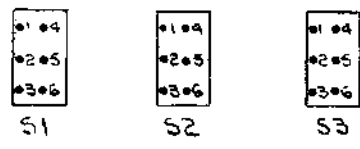
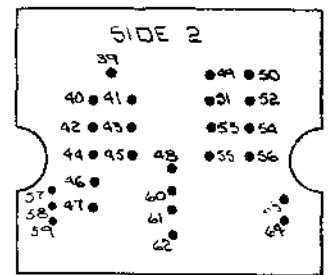
DO NOT SCALE DRAWING	DATE	1/25/71
UNLESS OTHERWISE SPECIFIED	DATE	1/25/71
DIMENSION IN INCHES	DATE	1/25/71
TOLERANCES	DATE	1/25/71
ANGLES	DATE	1/25/71
FINAL SURFACE QUALITY	DATE	1/25/71
REMOVE BURRS AND BREAK SHARP CORNERS	DATE	1/25/71
MATERIAL	DATE	1/25/71
FINISH	DATE	1/25/71

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
	digital EQUIPMENT CORPORATION NATUARD, MASSACHUSETTS		
	TITLE CONTROL BOX ASS'MBLY		
	SIZE CODE DAD 7006757-0-0	MBER 0-0-0	REV. A
	SCALE	DIST.	
	SHEET	OF	

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WIRE TABLE

ITEM NO	DESCRIPTION		FROM CONNECTION	WITH CONNECTION	TO CONNECTION	WITH CONNECTION	SIGNAL NAME	REMARKS
	AWG	COLOR						
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		S5-2		LOGIC COMMON	
23		VIO	PI-39		S5-4		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	S4-1		S4-5		-15V	
24		BUS	S4-3		S4-3		-15V	
24,25		BUS	S4-3		S6-6		-15V	
24,25		BUS	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		BLK	PI-63		S3-2		LOGIC COMMON	
26	22	BLK	PI-64	SOLDER	S3-3	SOLDER	POWER ON L	



REAR VIEW

REV	
CHG	
CHK	

FIRST USED ON OPTION/MODEL
TU10

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

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRW. <i>[Signature]</i> DATE 1/17/71 CHG. <i>[Signature]</i> DATE 7/9/71 APP. <i>[Signature]</i> DATE 8/1/71 PROD. <i>[Signature]</i> DATE 9/3/71		digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS	
MATERIAL NEXT HIGHER ASSY DAD7006756-0-0		CONTROL BOX ASSEMBLY	
SCALE NONE	SIZE CODE DAD7006757-0-0	NUMBER	REV A
SHEET 2 OF 2	DIST.		

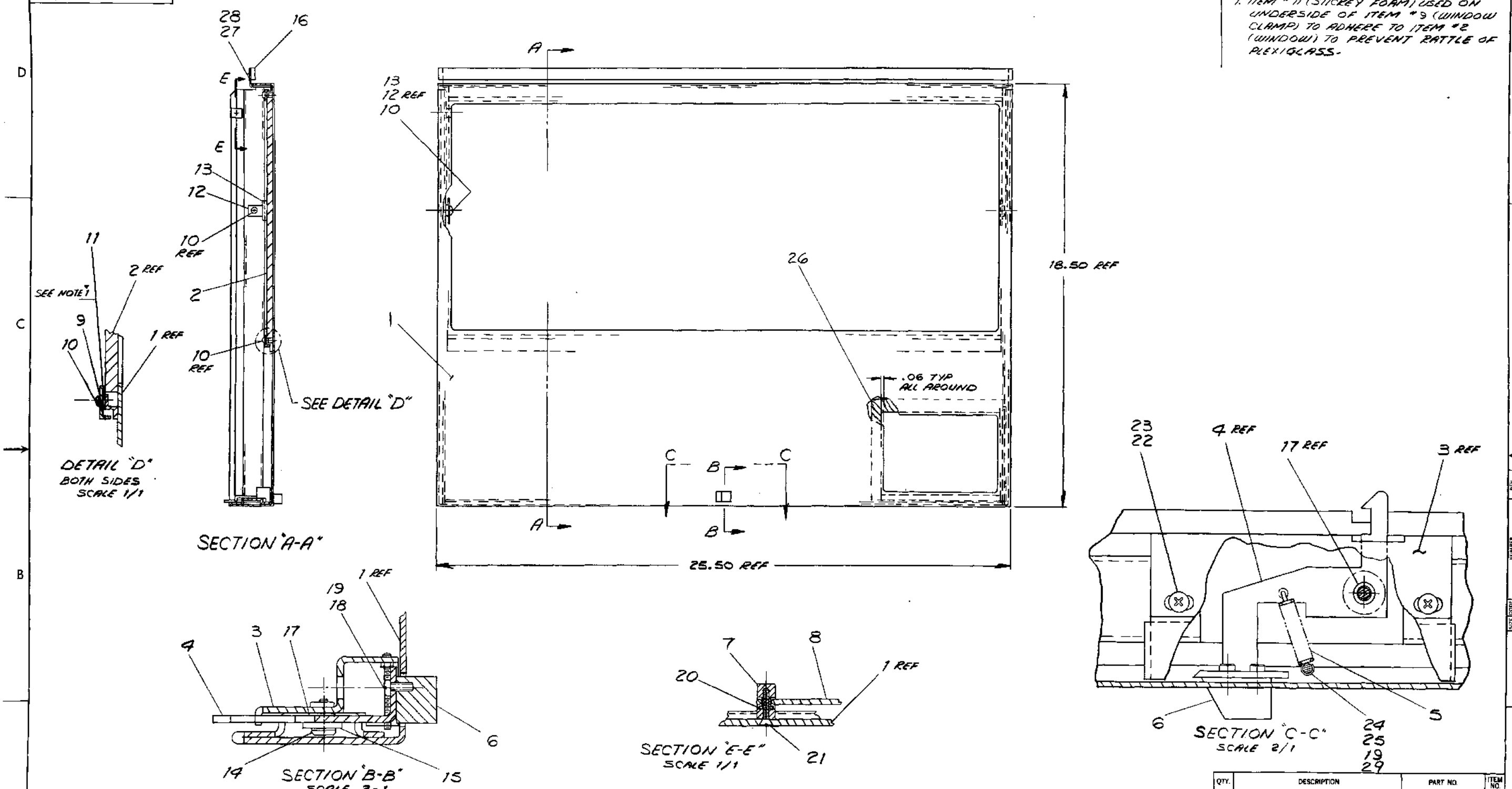
DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS PARTS LIST					QUANTITY / VARIATION													
MADE BY P.J. LEBLANC		CHECKED J. FLEMING		SECTION														
DATE 12-17-70		DATE 12-21-70		1														
ENG <i>P. Baudry</i>		PROD <i>BE Cross</i>		ISSUED SECT.														
DATE 1/9/71		DATE 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	SWTICH, 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. TU10 00068			
					SHEET 1 OF 2		DIST. G											

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS PARTS LIST					QUANTITY / VARIATION													
MADE BY P.J. LEBLANC		CHECKED J. FLEMING		SECTION														
DATE 12-17-70		DATE 12-21-70		1														
ENG <i>P. Baudry</i>		PROD <i>BE 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	9107350-01	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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AD7006743-0-0 2

NOTES
 1. ITEM # 11 (STICKEY FORM) USED ON UNDERSIDE OF ITEM # 3 (WINDOW CLAMP) TO ADHERE TO ITEM # 2 (WINDOW) TO PREVENT RATTLE OF PLEXIGLASS.



REVISIONS	REV.	DATE
1	A	1/19/70
2	B	1/21/70
3	C	1/21/70
4	D	1/21/70
5	E	1/21/70
6	F	1/21/70
7	G	1/21/70
8	H	1/21/70
9	I	1/21/70
10	J	1/21/70
11	K	1/21/70
12	L	1/21/70
13	M	1/21/70
14	N	1/21/70
15	O	1/21/70
16	P	1/21/70
17	Q	1/21/70
18	R	1/21/70
19	S	1/21/70
20	T	1/21/70
21	U	1/21/70
22	V	1/21/70
23	W	1/21/70
24	X	1/21/70
25	Y	1/21/70
26	Z	1/21/70
27	AA	1/21/70
28	AB	1/21/70

FIRST USED ON OPTION/MODEL
 TU10
TOLEANCES
 DECIMALS
 .XXX = ±.005
 .XX = ±.02
 .X = ±.1

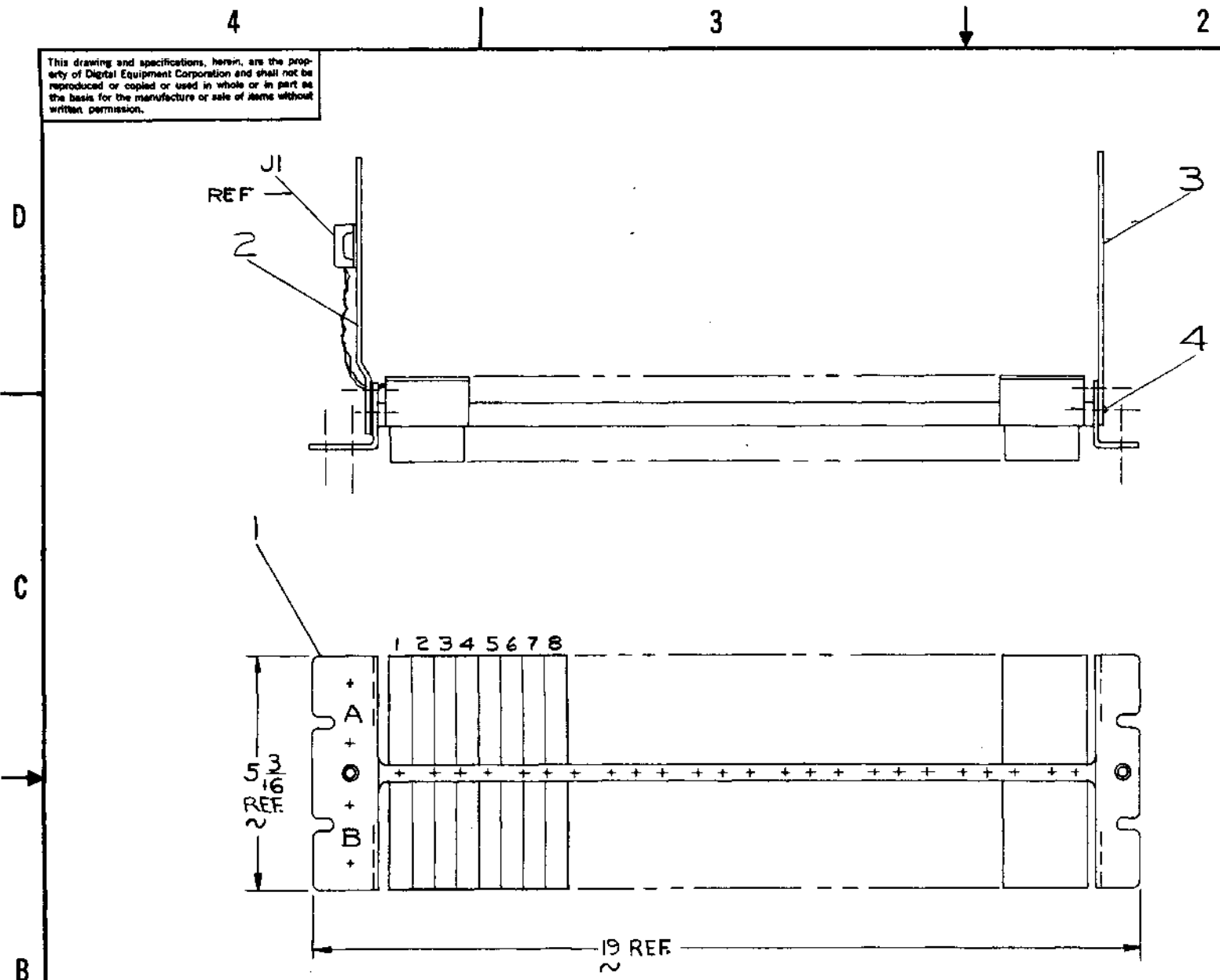
DO NOT SCALE DRAWING
 UNLESS OTHERWISE SPECIFIED
TOLERANCES
 ANGLES = 90°
 FINAL SURFACE QUALITY = 9930
 REMOVE BURRS AND BREAK SHARP CORNERS
 MATERIAL
 FINISH

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN: <i>Rickard</i> DATE: <i>6-2-70</i>		EQUIPMENT CORPORATION	
ENGR: <i>Barbone</i> DATE: <i>1/19/70</i>		TITLE: UNIT DOOR ASSY	
DRA: <i>Barbone</i> DATE: <i>1/21/70</i>		SIZE CODE: D	
MATERIAL: <i>Aluminum</i> DATE: <i>1-21-70</i>		NUMBER: 7006743-0-0	
NEXT HIGHER ASSY: 0-10-7006756-0-0		REV. A	
SCALE: 1/2	SHEET: 1 OF 1	DIST.	

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. Bardon</i>		PROD <i>BE Corp</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 ID.		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		TUJO-00035	
				SHEET 1 OF 2		DIST. 6									

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. Bardon</i>		PROD <i>BE Corp</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. 6									

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EXTERNAL COMPONENT TABLE			
ITEM NO.	DESCRIPTION	FROM CONNECTION	TO CONNECTION
** 13	ELAPSED TIME ASSY	A25 R2	A25 T1
8	1UF 25Ø VDC	AØ5 A2	AØ7 C2
8	↑	AØ4 B2	AØ6 C2
8		A16 B2	A18 C2
8		A17 A2	A19 C2
8		A24 B2	A26 C2
8		A25 A2	A27 C2
8		A32 B2	A3Ø C2
8		A31 A2	A29 C2
8		B24 B2	B22 C2
8		B23 A2	B21 C2
8		B14 B2	B12 C2
8		B13 A2	B11 C2
8	↓	BØ2 A2	BØ4 C2
8	1UF 25Ø VDC	B29 B2	B27 C2
9	74Ø7751	A15 A2	A15 C1
10	74Ø8234	A15 C1	A14 C2
* 11	47Ω	A15 P2	A18 T2
* 11	47Ω	A15 M2	A18 S2
* 12	.001µf.	A15 P2	A15 T1
* 12	.001µf.	A15 M2	A16 T1

WIRE TABLE					
ITEM NO.	DESCRIPTION	AWG	COLOR	FROM CONNECTION	TO CONNECTION
5	22	RED	J1- +5	AØ1-A2	
6	22	BLU	J1- -15	AØ1-B2	
7	22	BLK	J1- GND	AØ5-C2	
5	22	RED	J1- +5	BØ1-A2	
6	22	BLU	J1- -15	BØ1-B2	
7	22	BLK	J1- GND	BØ1-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.	CHANGE NO.	DATE	BY
A	TUIØ-ØØ329		
B	TUIØ-ØØCØ		
C	TUIØ-ØØC52		

REVISIONS:
 J. Barckow 3/24/71
 J. Barckow 1-9-71
 J. Barckow 4-1-71
 M. Morganstern 10-18-71

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

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
TUIØ				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED				
UNLESS OTHERWISE SPECIFIED				
TOLERANCES				
FINAL SURFACE QUALITY				
MATERIAL				
SEE PARTS LIST				
FINISH				
DRN: W.F. McCarty DATE: 12/18/70				
CHK'D: R. Cook DATE: 12-30-70				
ENG: J. Barckow DATE: 1-19-71				
PROJ. ENG.: J. Barckow DATE: 1-19-71				
PROD.: B. Elross DATE: 1-19-71				
NEXT HIGHER ASSY: D-AD-7006756-0-0				
SCALE: NONE				
SHEET: 1 OF 1				
digital EQUIPMENT CORPORATION				
MAYNARD, MASSACHUSETTS				
TITLE: LOGIC ASSY (TUIØ)				
SIZE CODE: C AD 7006754-0-0				
NUMBER: 7006754-0-0				
REV. C				

SIZE CODE NUMBER C AD 7006754-0-0

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

MADE BY	W.F. MCCARTHY	CHECKED	R. COOK	SECTION
DATE	12-28-70	DATE	12-30-70	1
ENG	<i>J. Bardon</i>	PROD	<i>BE Goro</i>	ISSUED SECT.
DATE	1-19-71	DATE	1-19-71	1

QUANTITY/VARIATION

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	QTY	VAR																	
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 1/4W 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	NUMBER	7006754-0-0	REV.	ECO NO.
		SHEET	1	OF	1	DIST.	6	C	TU10-00052

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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></td></tr> <tr><td>Manual</td><td>TU10 Instruction Manual</td></tr> <tr><td>Prints</td><td>A-ML-TU10- See #</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><td colspan="4">Drive X</td></tr> <tr><td>182.9</td><td>Write Load Point Delay</td><td></td><td>+10</td></tr> <tr><td>.9</td><td>Write Shutdown</td><td></td><td>-.5, +1.5</td></tr> <tr><td>12.5</td><td>Write Start</td><td></td><td>-.5, +1.5</td></tr> <tr><td>12.0</td><td>Settle Down</td><td></td><td>+4</td></tr> <tr><td>010.5</td><td>Write to erase head</td><td></td><td>+3</td></tr> <tr><td>13.5</td><td>Write Nonstop gap</td><td></td><td>+1</td></tr> <tr><td>05.20</td><td>BKSP Shutdown</td><td></td><td>+0.5</td></tr> <tr><td>.9</td><td>Read Shutdown</td><td></td><td>+0.5</td></tr> </table> <p>Drive X Gap Consistency</p> <table style="width: 100%;"> <tr><td>20.8</td><td>Gap 1</td><td rowspan="5" style="text-align: center; vertical-align: middle;">↓ ACCUMULATIVE</td><td></td></tr> <tr><td>19.8</td><td>Gap 2</td><td></td></tr> <tr><td>19.8</td><td>Gap 3</td><td></td></tr> <tr><td>27.8</td><td>Gap 4</td><td></td></tr> <tr><td>35.0</td><td>Gap 5</td><td></td></tr> </table>			Manual		Manual	TU10 Instruction Manual	Prints	A-ML-TU10- See #	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	↓ ACCUMULATIVE		19.8	Gap 2		19.8	Gap 3		27.8	Gap 4		35.0	Gap 5	
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27.8	Gap 4																																																																					
35.0	Gap 5																																																																					
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">SIZE A</td> <td style="width: 5%;">CODE SP</td> <td style="width: 20%;">NUMBER TU10-0-19</td> <td style="width: 60%;">REV B</td> </tr> </table>	SIZE A	CODE SP	NUMBER TU10-0-19	REV B																																																																
SIZE A	CODE SP	NUMBER TU10-0-19	REV B																																																																			

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.

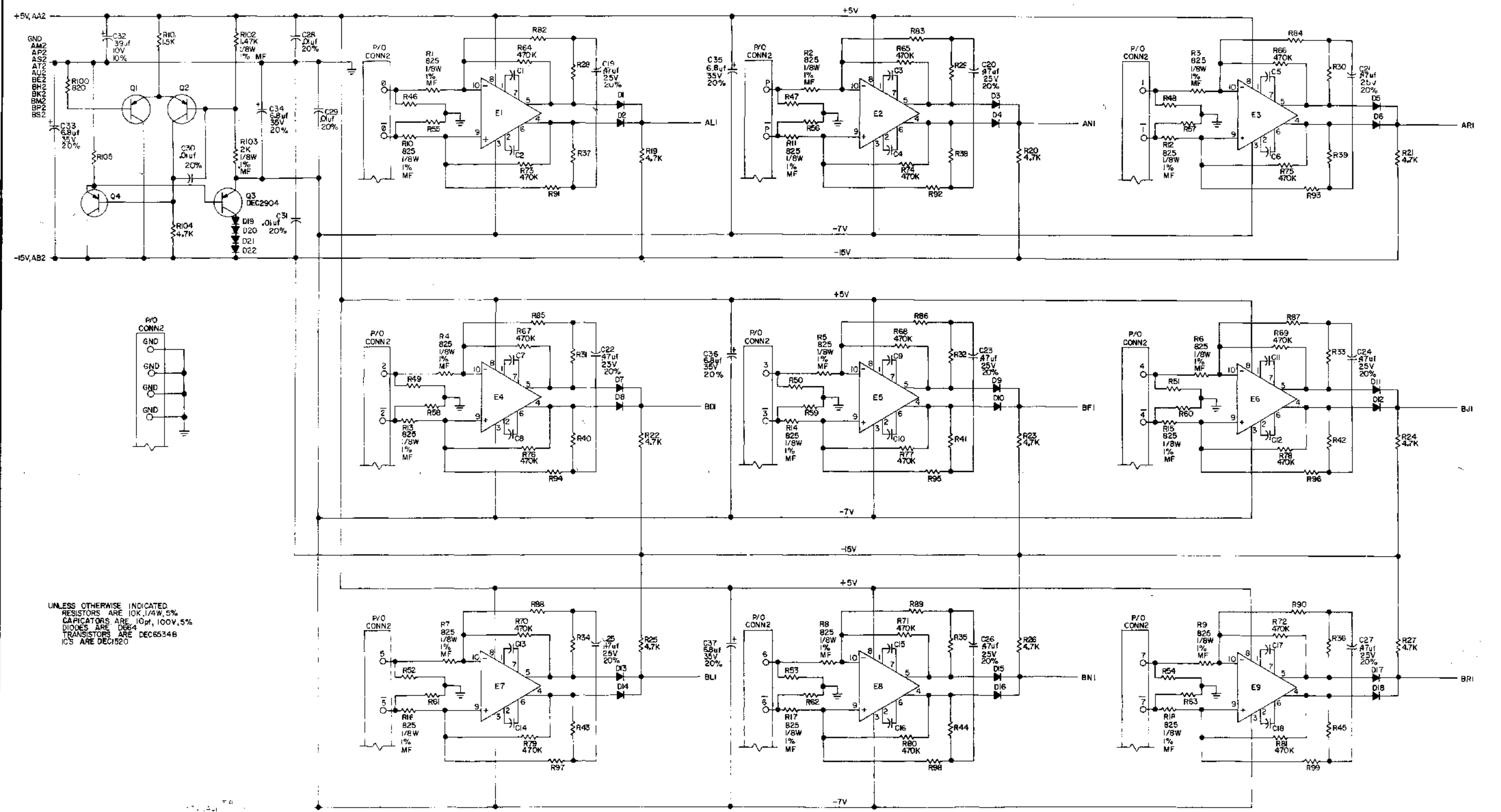
Note No. 5: Unit Cleanliness

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	MASTER DRIVE	SLAVE DRIVE	TML1 (ALL SLAVES)	TC58 or 59 (FIRST SLAVE)	TC58 or 59 (all except first slave)	KIT CHECK	BY	DATE	INSTALLATION CHECK	BY	DATE
MADE BY J. Ingledue		CHECKED <i>L. J. Capp</i>	SECTION		PA	PAPER TAPE ASCII									
DATE 5/31/72		DATE 6-6-72			PB	PAPER TAPE BINARY									
ENG DATE		PROD DATE	ISSUED SECT.		PM	PAPER TAPE READ-IN-MODE									
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION			MASTER DRIVE	SLAVE DRIVE	TML1 (ALL SLAVES)	TC58 or 59 (FIRST SLAVE)	TC58 or 59 (all except first slave)	KIT CHECK	BY	DATE	INSTALLATION CHECK	BY	DATE
1	TU10-0	Complete print set (see A-ML-TU10-0)			1	1									
2	DEC-00-TU10S-D	Dec Magtape Maintenance Manual (Slave)			1	1									
3	DEC-00-TU10M-D	Master Systems Manual (Master)			1	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					ASSY. NO.		SIZE CODE		NUMBER		REV.		ECO NO		
DEC MAGTAPE TRANSPORT							A AL		TU10-0-21		B		TU10-00074		
SHEET OF					DIST.										

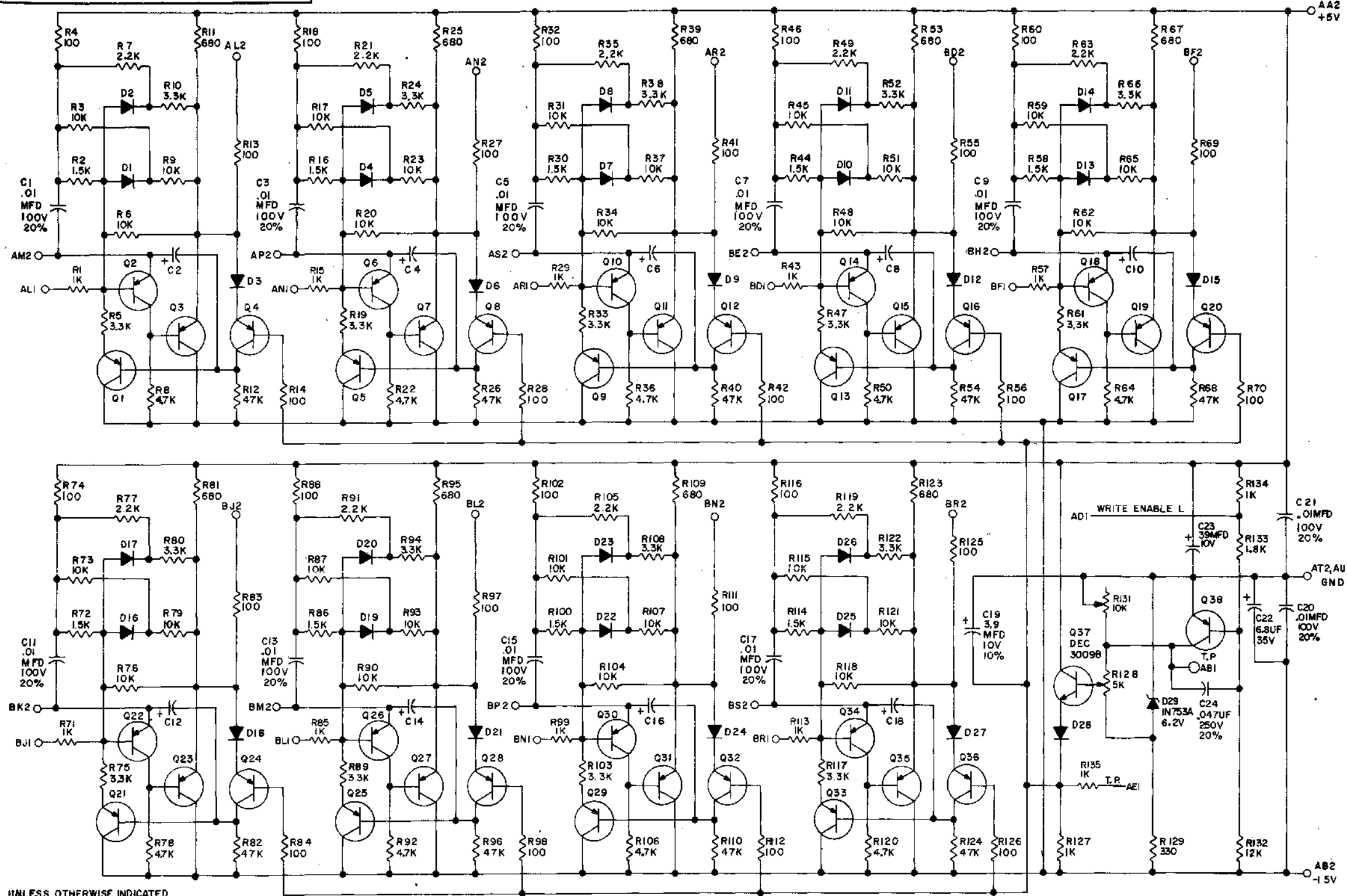
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UNLESS OTHERWISE INDICATED,
RESISTORS ARE 10K, 1/4W, 5%
CAPACITORS ARE 10μf, 100V, 5%
DIODES ARE D664
TRANSISTORS ARE DEC6534B
IC'S ARE DEC1520

REV. 1	DATE 12-15-67	TRANSISTOR & DIODE CONVERSION CHART	digital	TITLE READ AMPLIFIER G050	
REV. 2	DATE 12-15-67	DEC 6534B		SIZE D	CODE CS	NUMBER G050-0-1
REV. 3	DATE 12-15-67	DEC 6534B	EQUIPMENT CORPORATION	REV. C	
REV. 4	DATE 12-15-67	DEC 6534B	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

REV.	CHG.	NO.	REV.

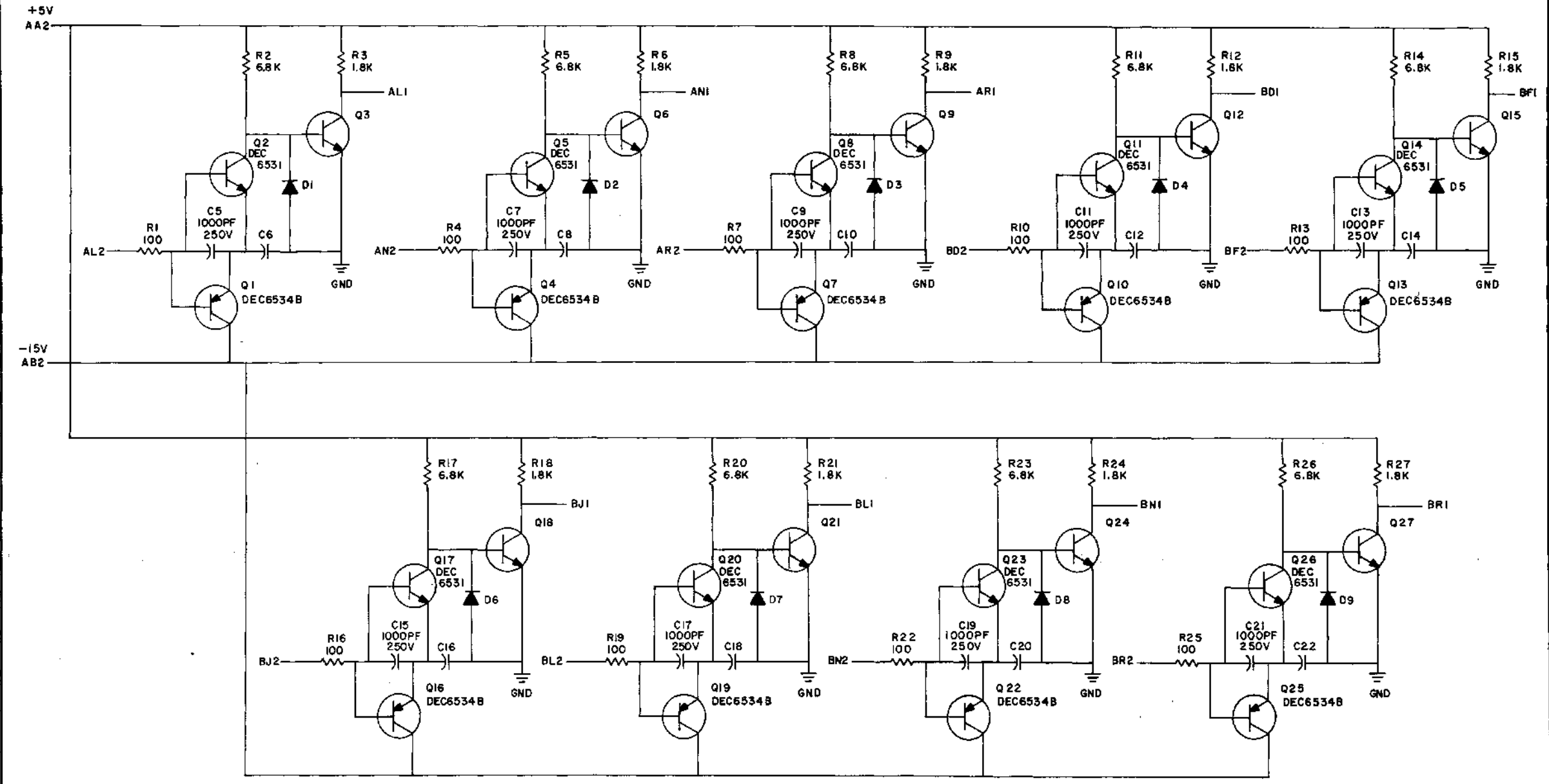
DRN.	DATE	10-15-68
CHKD.	DATE	2-17-71
ENG.	DATE	7-11-71
PROD.	DATE	

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D664	IN3606	IN753A	SAME
D662	IN643		
IN745A	SAME		
DEC6534B	MPS 6534		
DEC3009B	2N3009		

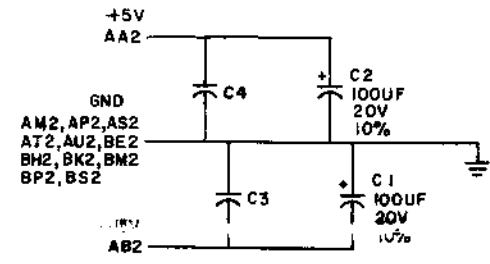
digital	TITLE		
	TU10 COMPRESSOR G060		
EQUIPMENT CORPORATION	SIZE	CODE	NUMBER
	C	CS	G060-0-1
MAYNARD, MASSACHUSETTS	PRINTED CIRCUIT REV.	D	

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

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



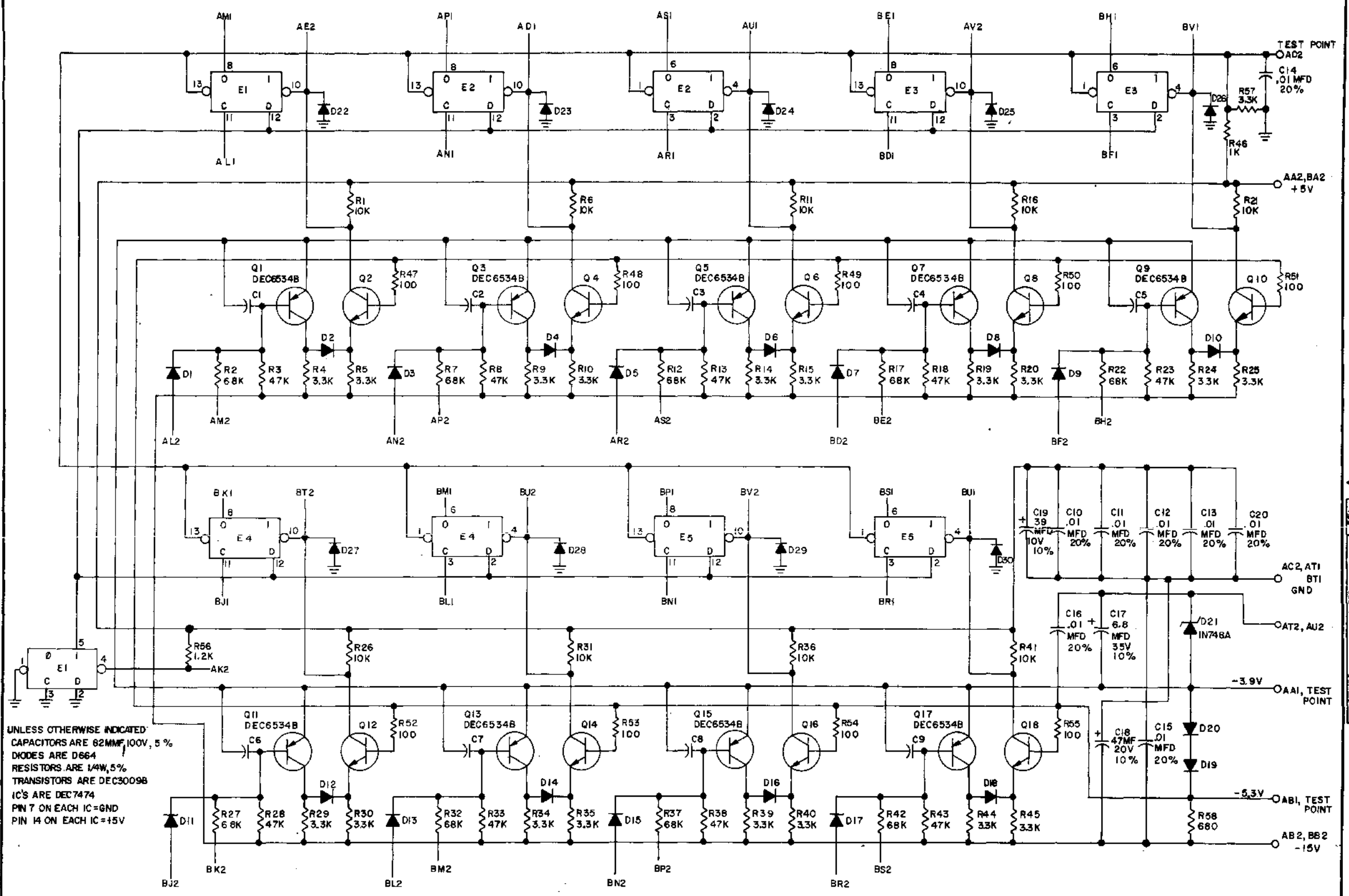
REV	CHG NO	BY	DATE
1	00001	B	11/16/70
2	00002	C	11/17/70

DRN	DATE	TRANSISTOR & DIODE CONVERSION CHART
A. Cooper	11/16/70	
CHK'D	DATE	DEC EIA DEC EIA
M. Nadeau	11/17/70	DEC6534B MPS6534 D664 IN3506
ENG.	DATE	DEC6531 MPS6531
M. Nadeau	11/17/70	DEC3009B 2N3009B
PROD.	DATE	

digital		EQUIPMENT CORPORATION		MAYNARD, MASSACHUSETTS	
TITLE				NUMBER	
PEAK DETECTOR G062				G062-0-1	
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 62MMF 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=15V

REV	CHK	CHG	NO	REV	DATE
1			00001		
2			00002		

DRN	DATE	3/28/69
CHK'D	DATE	3/28/70
ENG.	DATE	6/14/70
PROD.	DATE	

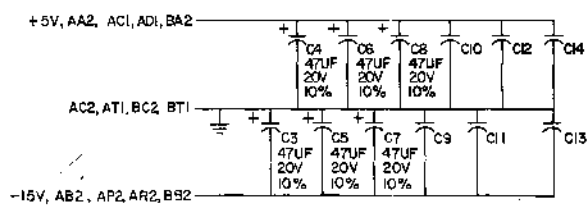
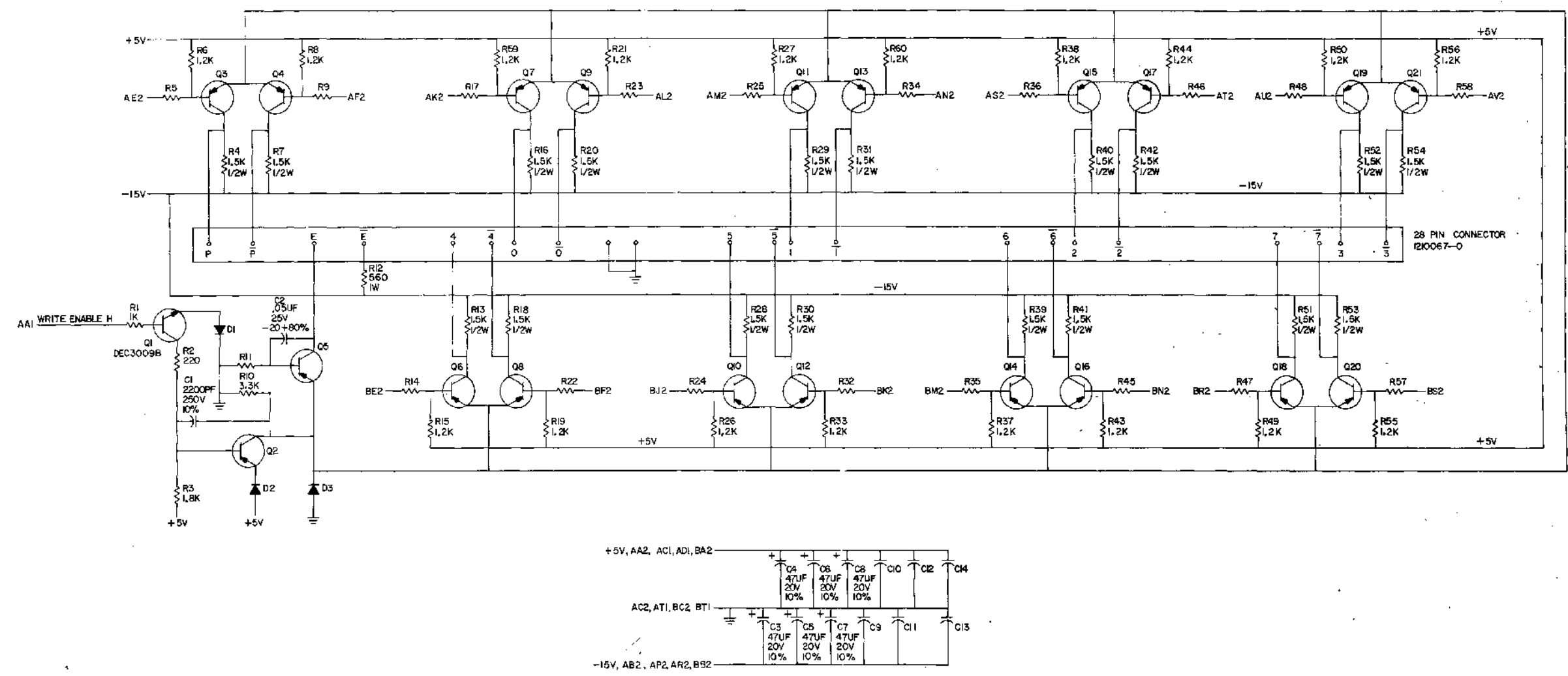
TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D664	IN3806		
DEC6534B	MPS6534		
DEC3009B	2N3009B		



TITLE		SLICER	
		G064	
SIZE	CODE	NUMBER	REV
C	CS	G064-0-1	C
PRINTED CIRCUIT REV. D1			

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

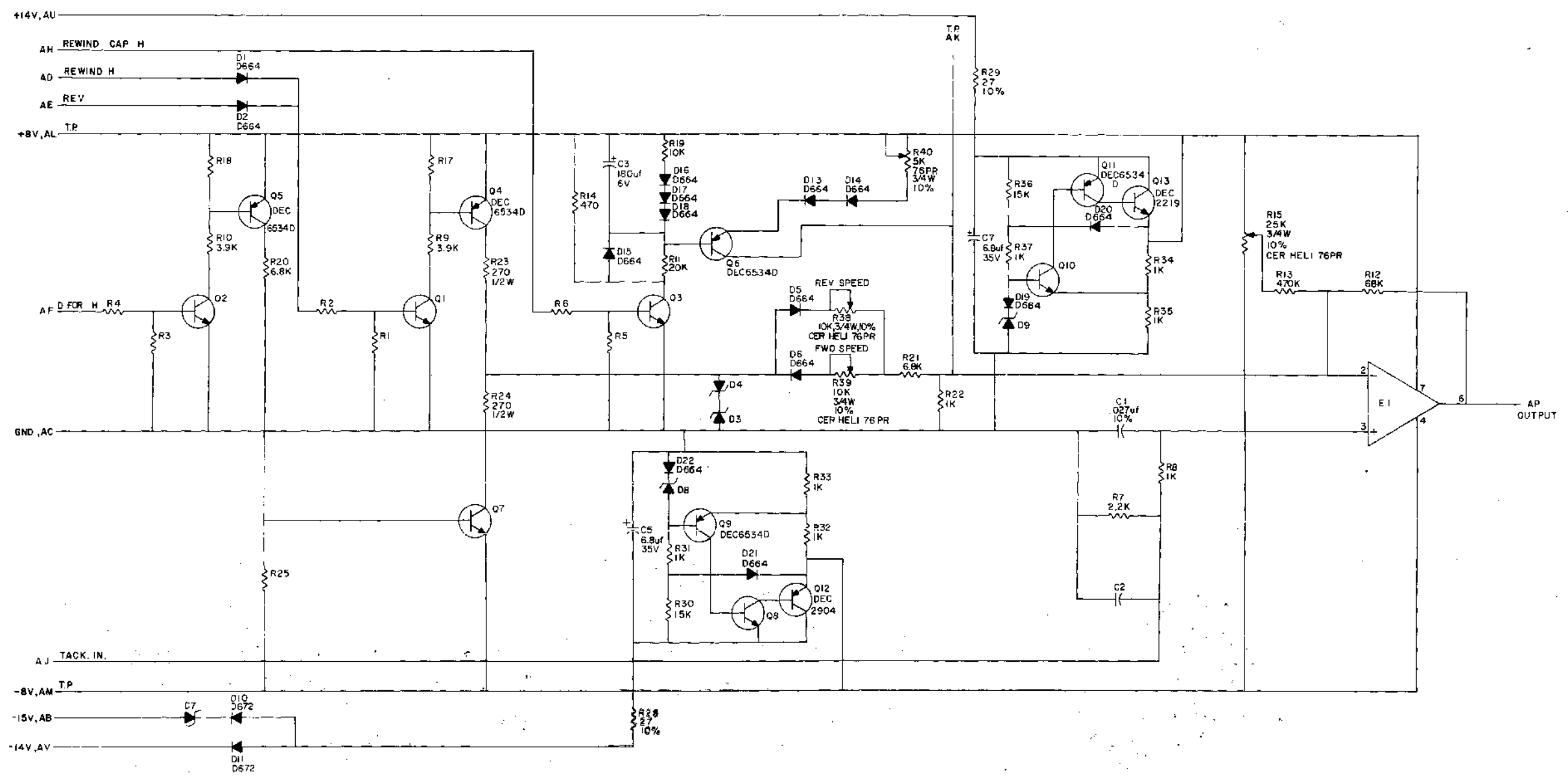
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UNLESS OTHERWISE INDICATED:
 RESISTORS = 680, 1/4W, 5%
 CAPACITORS = .01UF, 100V, 20%
 TRANSISTORS = 2N2904A
 DIODES = 0672

REVISIONS CHG NO. 1 100001	DATE	12/2/70	TRANSISTOR & DIODE CONVERSION CHART		TITLE HEAD DRIVER G350
	DESIGNER	W. B. MOORE	DEL.	BA	
	DATE	12/2/70	DEL.	BA	
	DATE	12/2/70	DEL.	BA	
DATE	12/2/70	DEL.	BA	CODE CS	NUMBER 6350-0-1
DATE	12/2/70	DEL.	BA	CODE CS	NUMBER 6350-0-1
DATE	12/2/70	DEL.	BA	CODE CS	NUMBER 6350-0-1
DATE	12/2/70	DEL.	BA	CODE CS	NUMBER 6350-0-1

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UNLESS OTHERWISE INDICATED:
 RES STORS ARE 15K, 1/4W, 5%
 CAPACITORS ARE .01uf, 100V, 20%
 DIODES ARE IN7504
 TRANSISTORS ARE DEC6531
 E1 IS DEC307

REVISIONS
 D CS 932A-0-1
 H

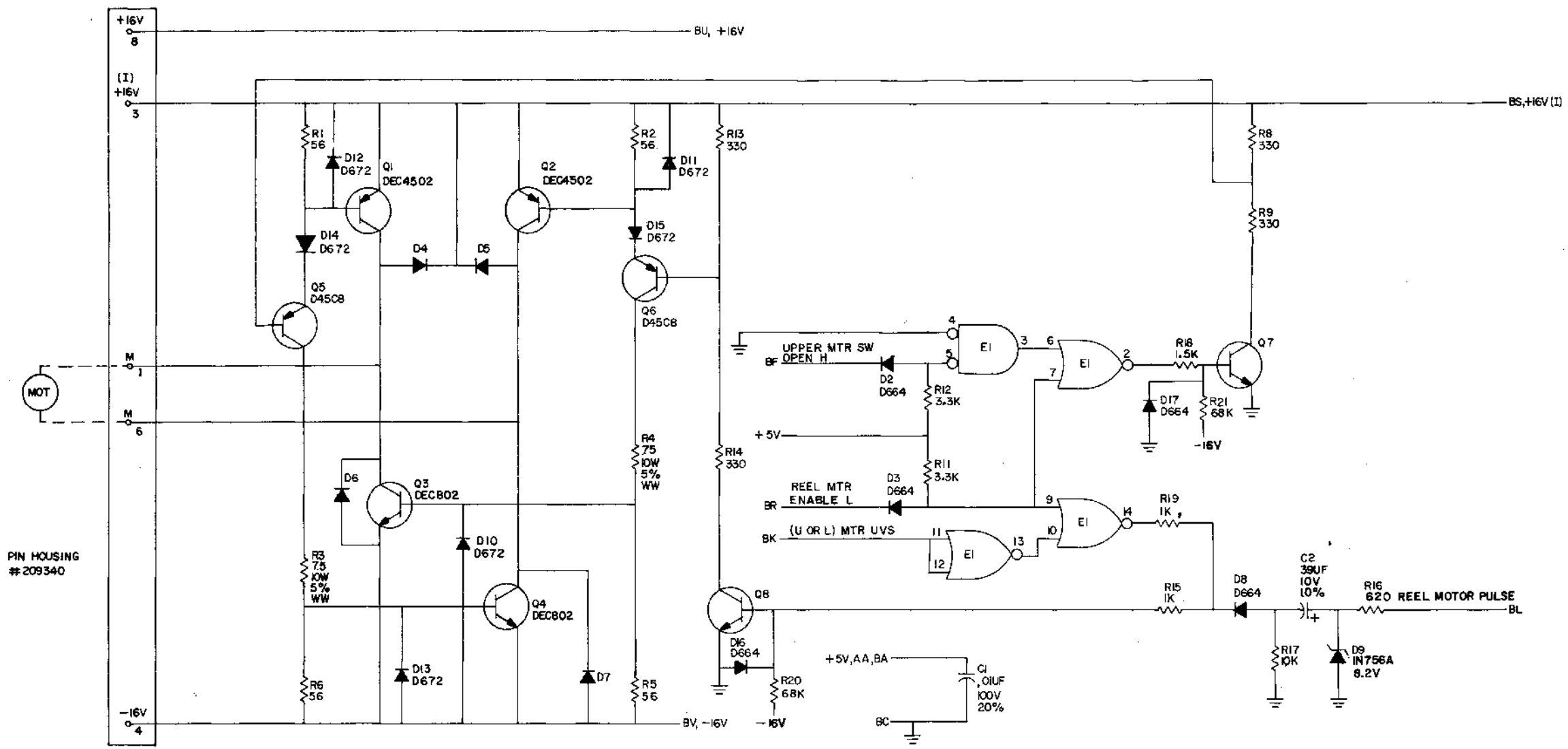
REV	DATE	BY	CHKD
1	10/00/70	E	
2	10/00/70	F	
3	10/00/70	H	

DESIGNER	DATE	TRANSISTOR & DIODE CONVERSION CHART
S. Cooper	8-20-70	
DATE	DEC	EIA
DEC6531	IN7504	1N3504
DEC2219	2N2219	1N3506
DEC6534	MP58534	D672
		1N3583

DATE	BY	CHKD
10/00/70		
10/00/70		

digital EQUIPMENT CORPORATION
 TITLE: TU-10 CAPSTAN SERVO PREAMPLIFIER G932
 SIZE: D CODE: CS NUMBER: 932A-0-1
 PRINTED CIRCUIT REV: H

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

REV	CHK	CHG	NO.	REV
1			00001	C
2			00002	D
3			00003	E
4			00004	F
5			00005	H
6			00006	V
7			00007	K

DRN	MANLY MOORE	DATE	11/15/70
CHK'D	M. YALOW	DATE	11/15/70
ENG	J. P. HAZ	DATE	11/12/70
PRD		DATE	

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D664	IN3606	D45C8	
IN756A	SAME	DEC3790	2N3790
A15B		DEC3715	2N3715
DEC6531	MPS6531	DEC4502	
DEC802		D672	IN3653

digital EQUIPMENT CORPORATION
 MAYNARD, MASSACHUSETTS

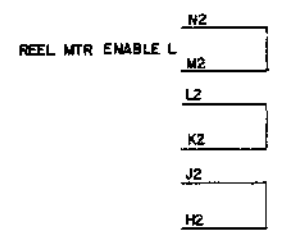
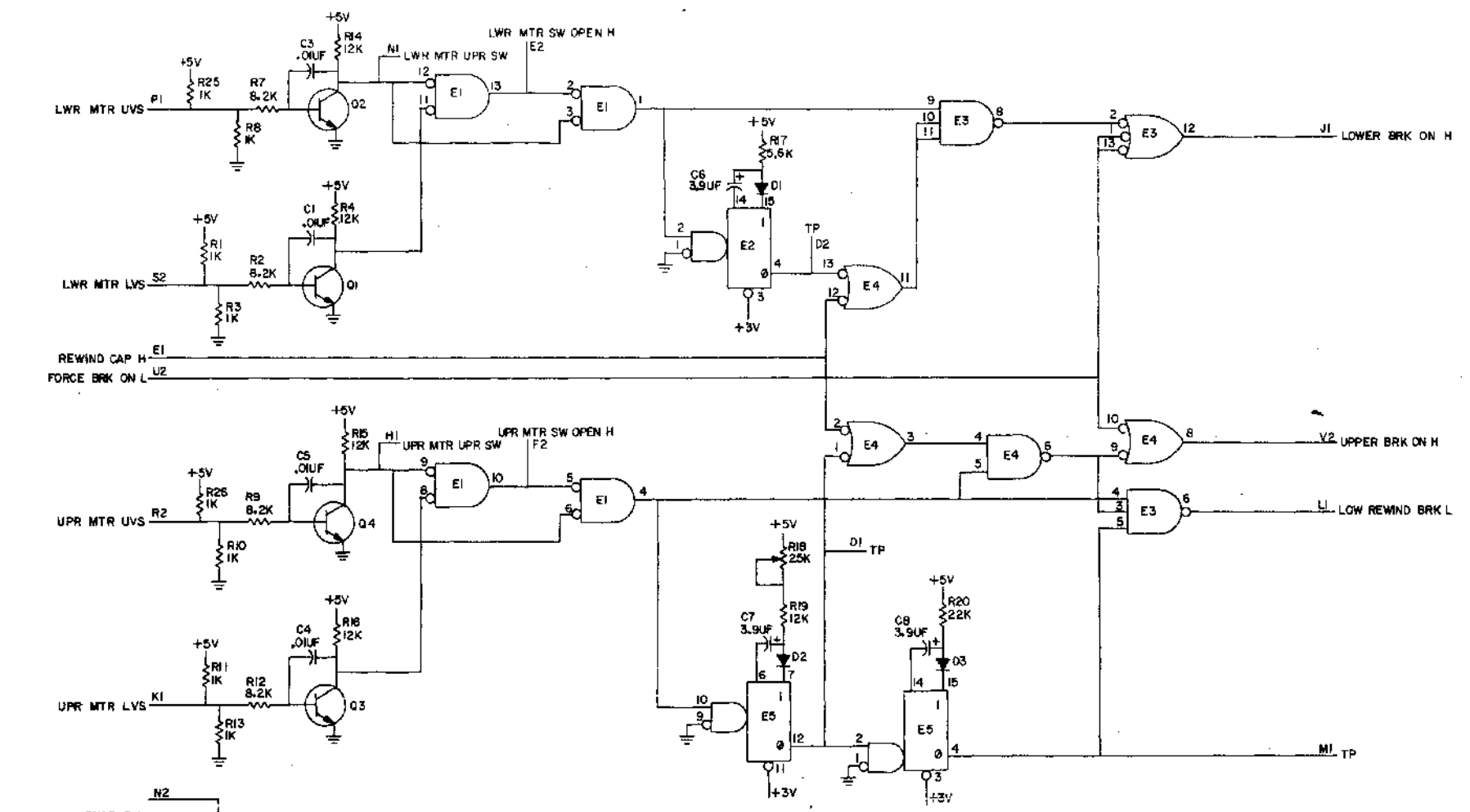
TITLE: REEL MOTOR AMPLIFIER
 G933

SIZE: C CS
 NUMBER: G933-0-1
 REV: K

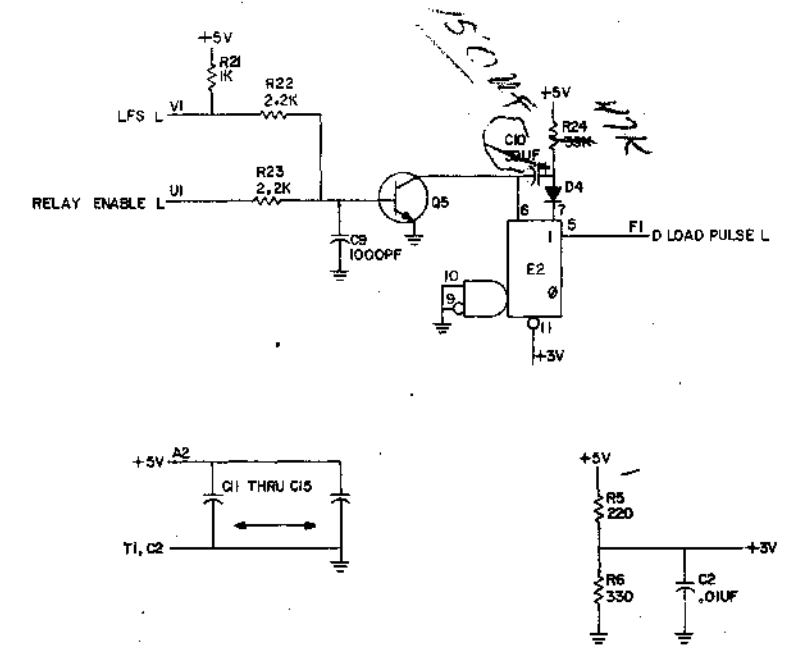
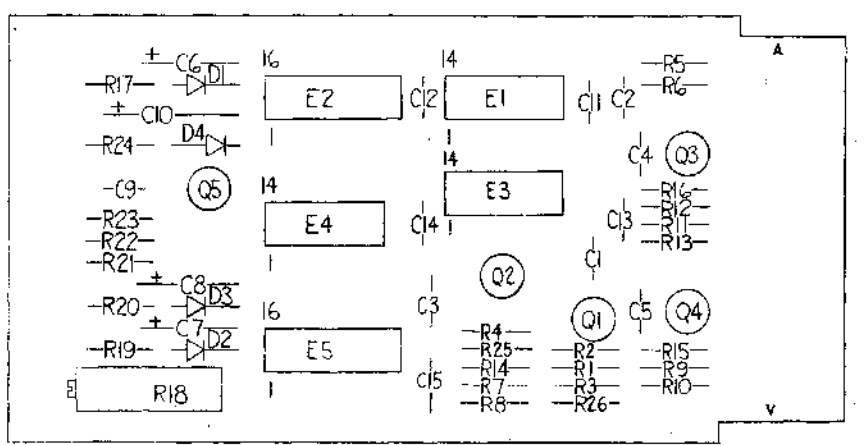
PRINTED CIRCUIT REV. E

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

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PIN 7 = GND ON E1, E3, E4
 PIN 4 = +5V ON E1, E3, E4
 PIN 8 = GND ON E2, E5
 PIN 15 = +5V



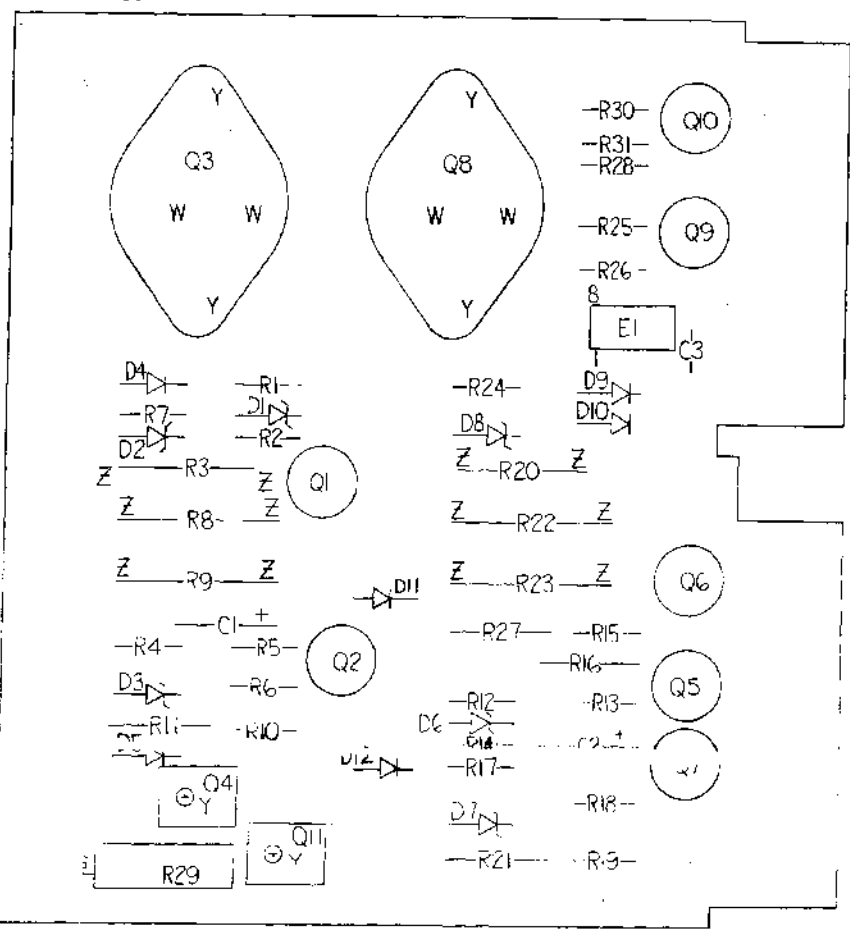
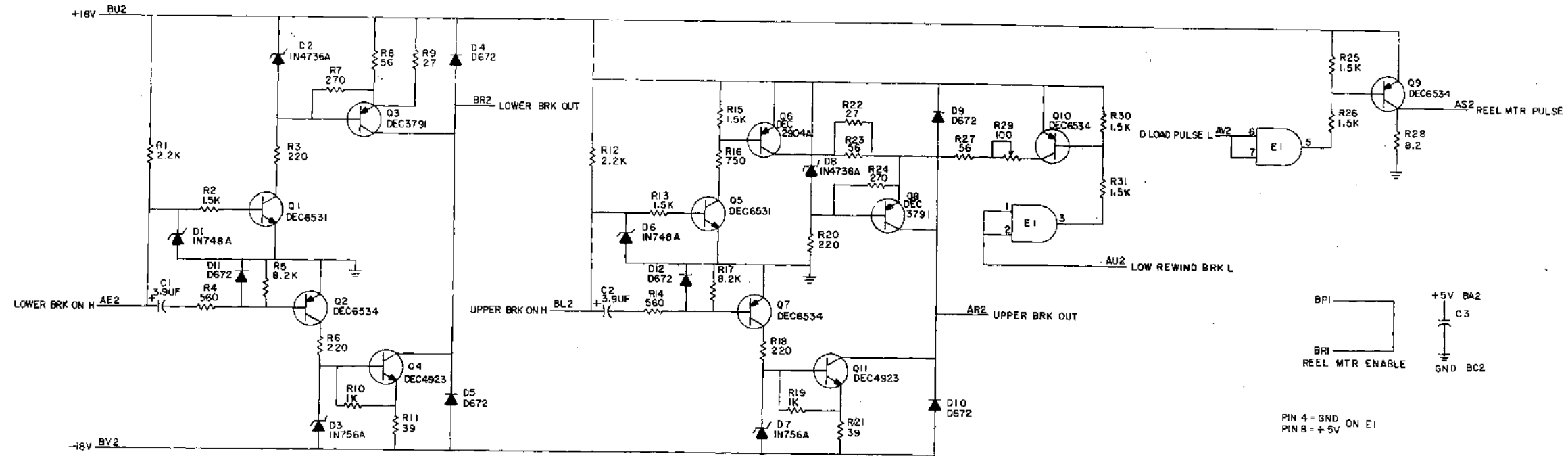
QTY	REF DESIGN	DESCRIPTION	MANUFACTURER	PARTS LIST
1		HANDLE, FLIP CHIP - GREEN	9006337-01	88
2		STELET 004L-7	9006732	89
1	R17	RES. 5.4K 1/4W 5%	1301874	27
N/R		GRIPLET	1210244-0	26
2	R2, 5	I.C. DEC 74123	1310476	25
1	E1	I.C. DEC 7402	1303004	24
1	E3	I.C. DEC 7410	1305576	23
1	E4	I.C. DEC 7400	1305575	22
4	Q1, 2, 3, 4	TRANSISTOR DEC 6511	1309338	21
1	Q5	TRANSISTOR DEC 3009B	1303100	20
1	R18	RES. 25K POT MULTITURN 75PR 1/4W 10%	1309143-12	19
4	R2, 7, 2, 12	RES. 8.2K 1/4W 5%	1303179	18
1	R24	RES. 39K 1/4W 5%	1302514	17
1	R20	RES. 22K 1/4W 5%	1301808	16
5	R3, 1, 15, 16, 19	RES. 12K 1/4W 5%	1302408	15
2	R22, 23	RES. 2.2K 1/4W 5%	1300417	14
9	R1, 3, 8, 10, 11, 13, 21, 25, 26	RES. 1K 1/4W 5%	1300365	13
1	R6	RES. 330 1/4W 5%	1300295	12
1	R5	RES. 220 1/4W 5%	1300271	11
4	C1 - C5	UTONG D65C	1100114	10
10	C2 - C5	CAP. .01UF 100V 20% DISC	1001610	9
1		CAP. .19UF 10V 10% AN	1000076	8
3		CAP. 3.9UF 10V 10% PAPER	1000054	7
1		CAP. 10UF 100V 5% MICA	1000042	6
1		EXHIBIT 11211 GARD	500548	5
1		EXHIBIT 11211 GARD	500548	4
1		EXHIBIT 11211 GARD	500548	3
1		EXHIBIT 11211 GARD	500548	2
1		EXHIBIT 11211 GARD	500548	1

REV	DATE	BY	CHKD	DESCRIPTION
1	DEC 7 1971	DBE4	IN3806	TRANSISTOR & DIODE CONVERSION CHART
2	DEC 23 1971	DBE4	MP6651	

digital
 EQUIPMENT CORPORATION
 TITLE: BRAKE ACTUATOR
 PARTS LIST

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1-0-19260 50 D
#38888 3003 1/25

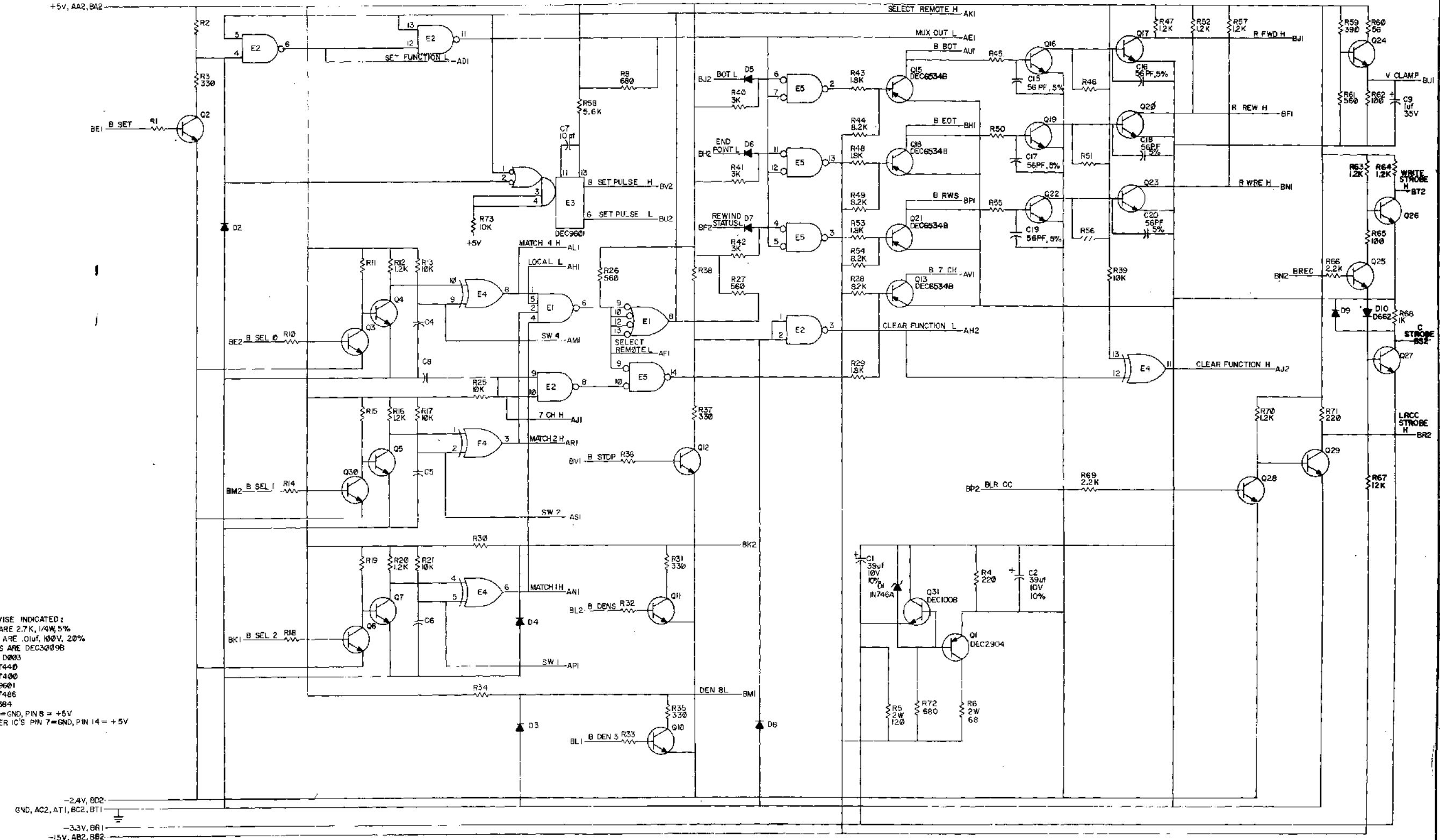


QTY.	REF. DESIGNATION	DESCRIPTION	MANUFACTURER	PART NO.	REV.
2	R10, R19	RES. 1K 1/4W 5%		1300365	35
2		HANDLE, FLIP CHIP - GREEN		9006337-01	34
4		EYELET		9006732	33
6		#4 KSP NUT		9006557	32
6		SCREW #4 x 5/16LG		9006010-1	31
1	E1	I.C. DEC 75451		1910406	30
2	Q4, 11	TRANSISTOR 2N4923		1509604	29
2	Q3, 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% .762R		1309143-04	24
2	R9, 22	RES. 27 2W 10%		1305624	23
3	R5, 17, 28	RES. 6.2K 1/4W 5%		1302856	22
2	R23, 8	RES. 56 2W 5%		1302816	21
2	R11, 21	RES. 39 1/4W 5%		1302396	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	R7, 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%		1300287	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 IN748A		1100122	10
2	D3, 7	DIODE IN756A		1103481	9
2	D2, 8	DIODE IN4736A		1103340	8
1	C3	CAP. .01UF 100V 20% .130		1001610	7
1	C1, 2	CAP. 3.9UF 10V 10% .5 TANT		1000064	6
1		ETCHED CIRCUIT BOARD		5009549	5
		NO. 100-09341-0-4			4
		NO. 100-09341-0-3			3
		X-Y LOCATION			2
		DESCRIPTION			1

REV.	DATE	BY	CHKD.	DATE	DESCRIPTION
1	11-22-71	S. COPPER			TRANSISTOR & DIODE CONVERSION CHART
2	1-22-72	J. HAN			IN748A IN756A IN4736A
3					DEC6531 DEC6534 DEC3791 DEC2904
4					MP6531 MP6534

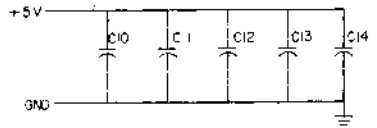
digital TU-10 BRAKE ACTUATOR
 EQUIPMENT CORPORATION
 1000064 1001610 5009549
 X-Y LOCATION: 100-09341-0-4
 DESCRIPTION: NO. 100-09341-0-4
 PRINTED CIRCUIT BOARD

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UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 2.7K, 1/4W, 5%
 CAPACITORS ARE 0.1uf, 100V, 20%
 TRANSISTORS ARE DEC309B
 DIODES ARE D803
 E1 IS A DEC744D
 E2 IS A DEC740D
 E3 IS A DEC9601
 E4 IS A DEC748E
 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, BA1
 -15V, AB2, BB2



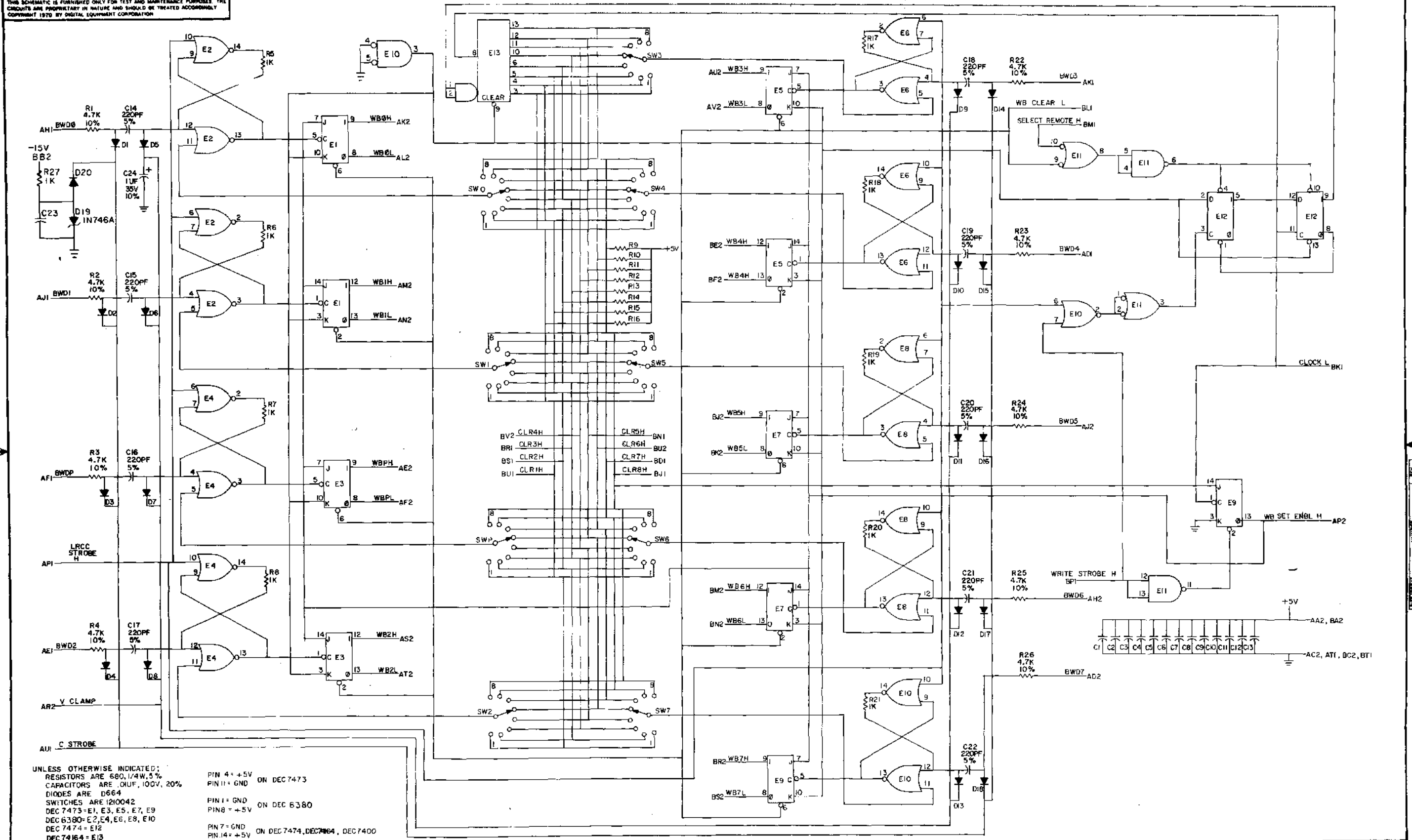
REV	DATE	BY	CHKD
1	8/11/70	JEANNE FRENCH	
2	2/22/72		
3	1/5/77		
4	1/9/74		
5	8/4/74		

TRANSISTOR	DIODE	CONVERSION
DEC2904	IN746A	DEC1008
2N1132		2N3429
MP9634		IN934
2N3429		84MF

DATE	BY	CHKD
8/11/70	JEANNE FRENCH	
2/22/72		
1/5/77		
1/9/74		
8/4/74		

digital		EQUIPMENT CORPORATION		M514-0-1	
SER	D	CS	M514-0-1	REV	K
PRINTED CIRCUIT REV					

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UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 680, 1/4W, 5%
 CAPACITORS ARE .01UF, 100V, 20%
 DIODES ARE D664
 SWITCHES ARE 1210042
 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 ON DEC 7473
 PIN 11 = GND
 PIN 1 = GND ON DEC 6380
 PIN 8 = +5V
 PIN 7 = GND ON DEC 7474, DEC 74164, DEC 7400
 PIN 14 = +5V

REV	DATE	BY	CHKD
1	10/17/70	...	...
2	...	...	...

TRANSISTOR & DIODE CONVERSION CHART			
DATE	BY	DATE	BY
...

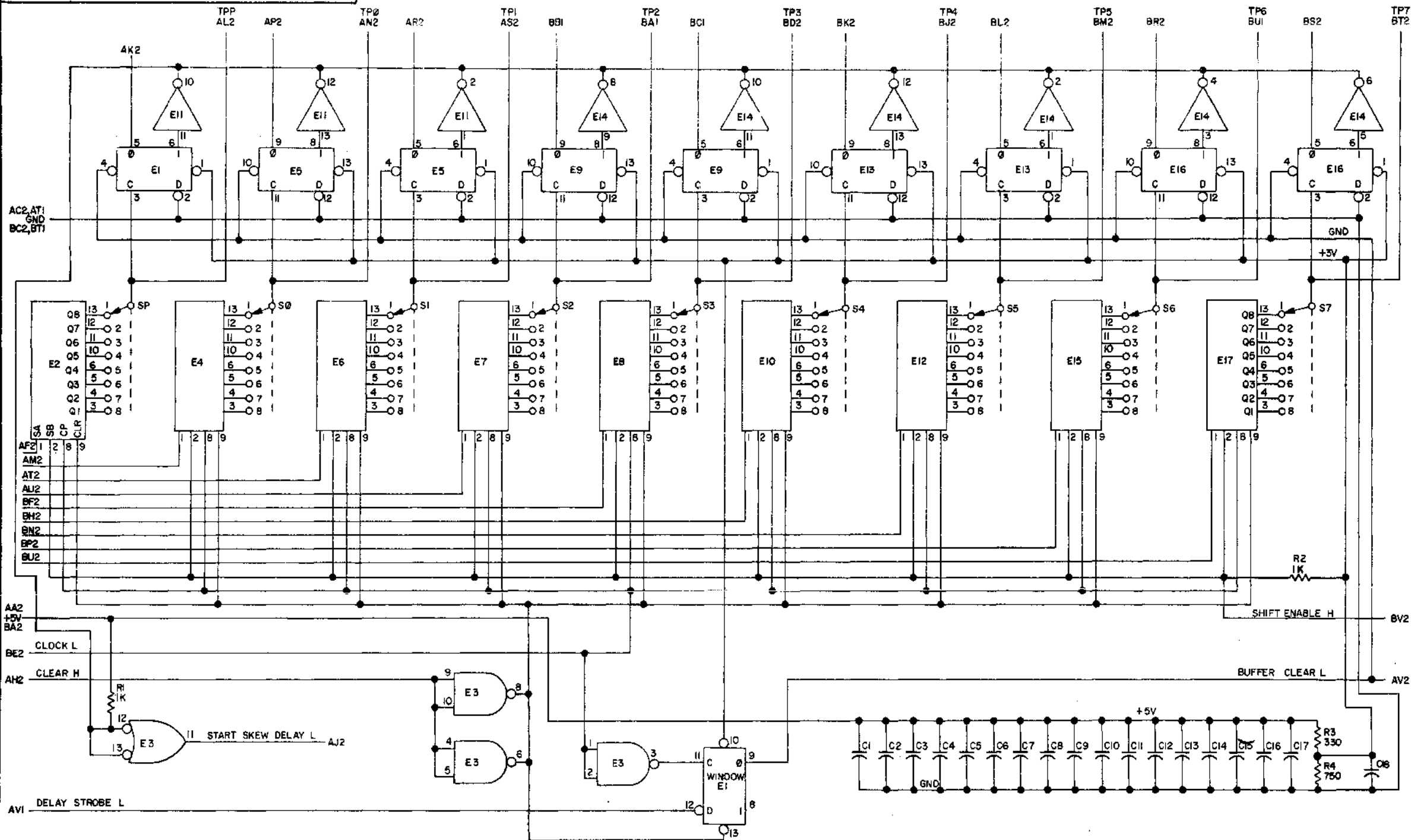
digital EQUIPMENT CORPORATION

WRITE BUFFER M763

SIZE B CODE CS NUMBER M763-U-1 REV E

PRINTED CIRCUIT REV

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UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 1/4W, 5%
 CAPACITORS ARE .01MFD, 100V, 20%
 E1, E3, 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	NO	DATE
1	1	12-3-69

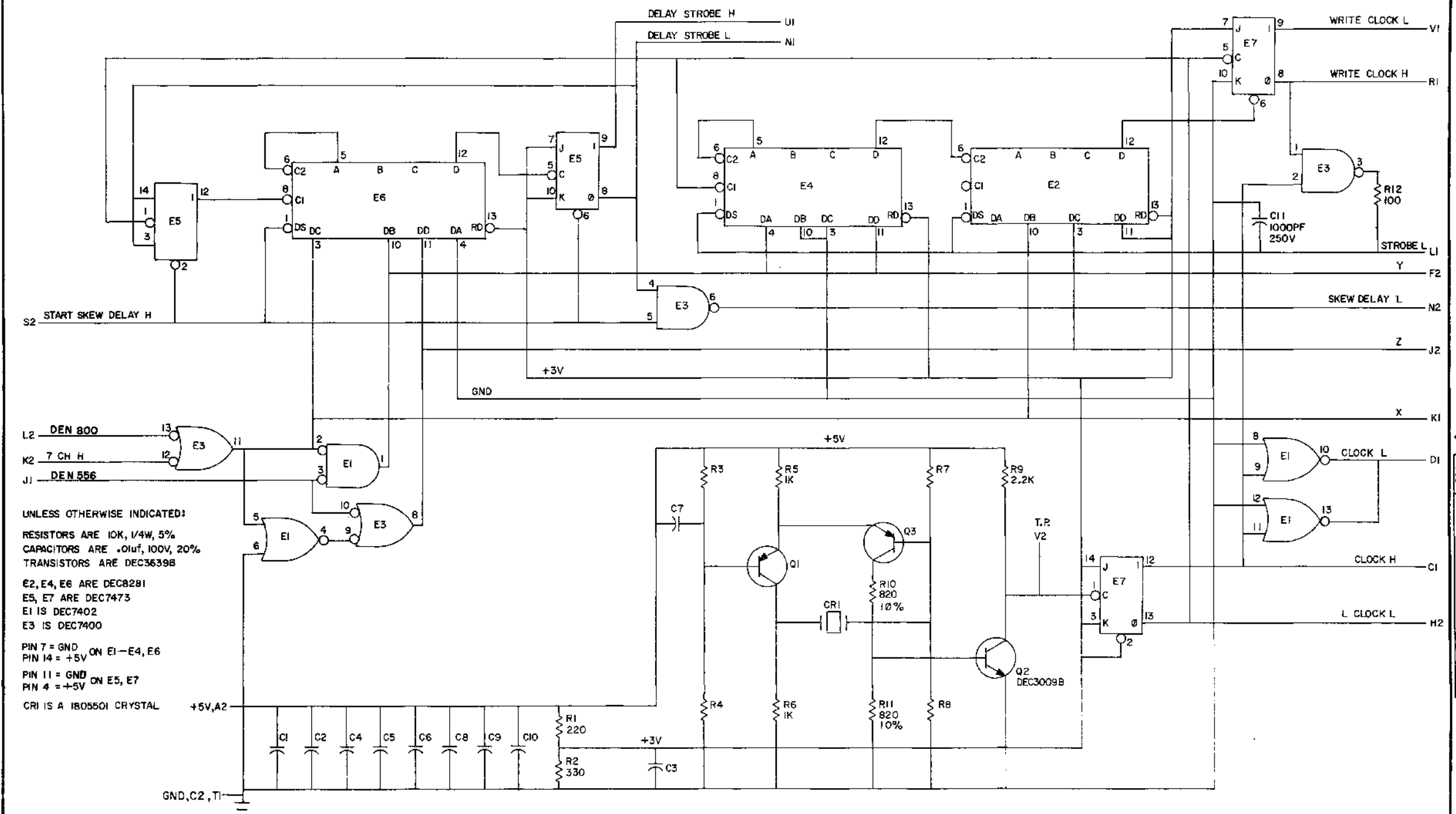
DRN	DATE
W. J. Taylor	12-3-69
CHK'D	DATE
C. Dawson	3/8/70
ENG	DATE
R. McLaughlin	1/15/70
PROD.	DATE

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA

digital EQUIPMENT CORPORATION
 MAYNARD, MASSACHUSETTS

TITLE: READ BUFFER M765
 SIZE: C CODE: CS NUMBER: M765-0-1 REV: A
 PRINTED CIRCUIT REV: A

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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 E5, E7

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

CR1 IS A 1805501 CRYSTAL

REV	CHK	CHG	NO.	REV.
A				
B				
C				

DRN: NANCY MOORE
 DATE: 7/23/70
 CHK'D: R. Walden
 DATE: 9-4-70
 ENG: R. Walden
 DATE: 9-7-70
 PROD: R. Walden
 DATE: 9-7-70

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

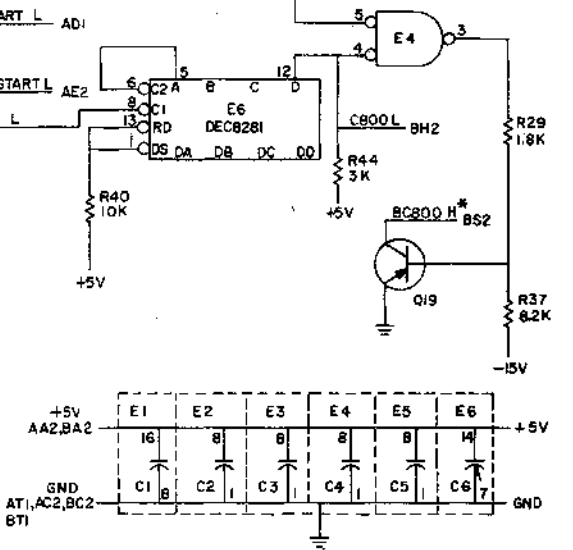
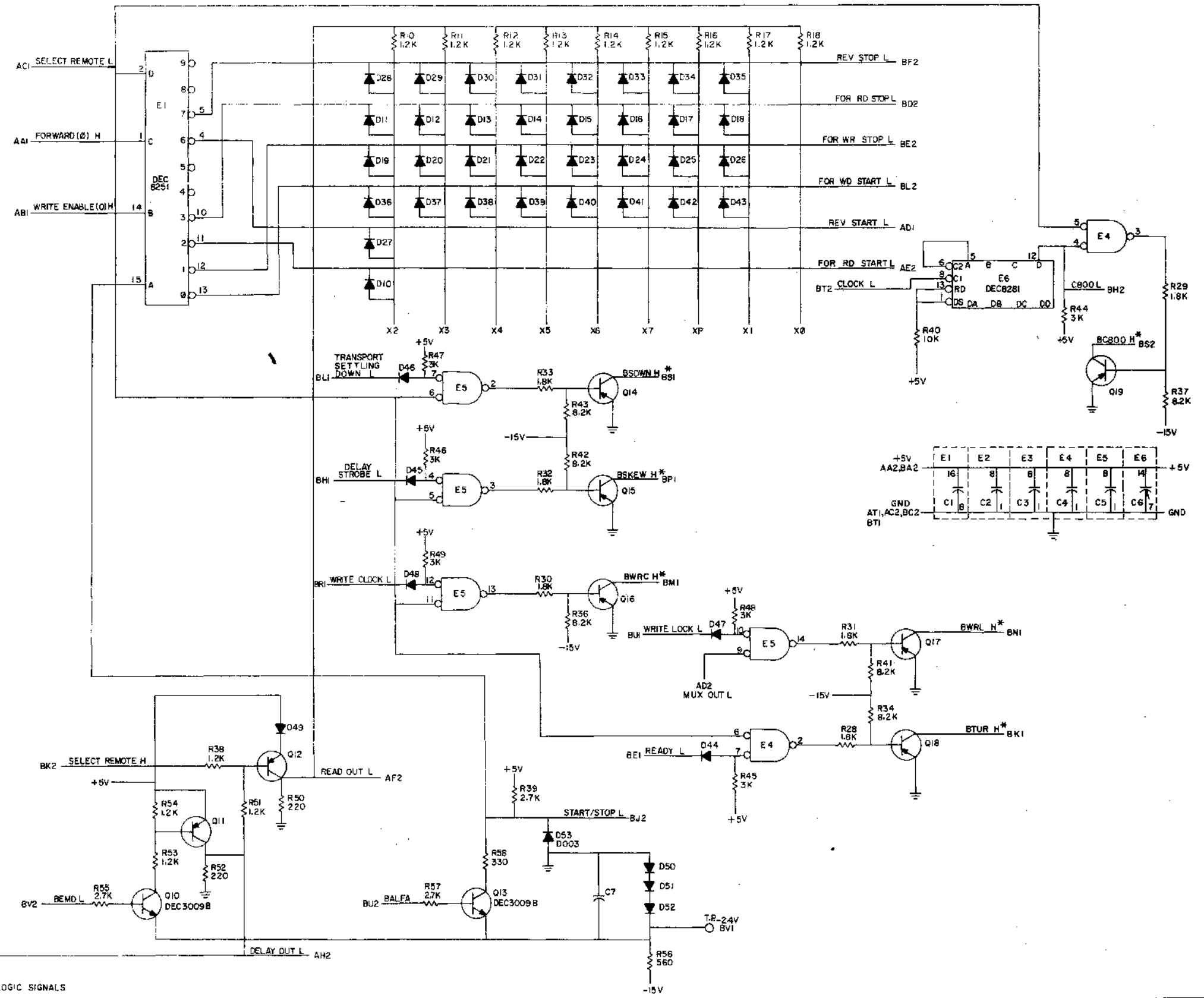
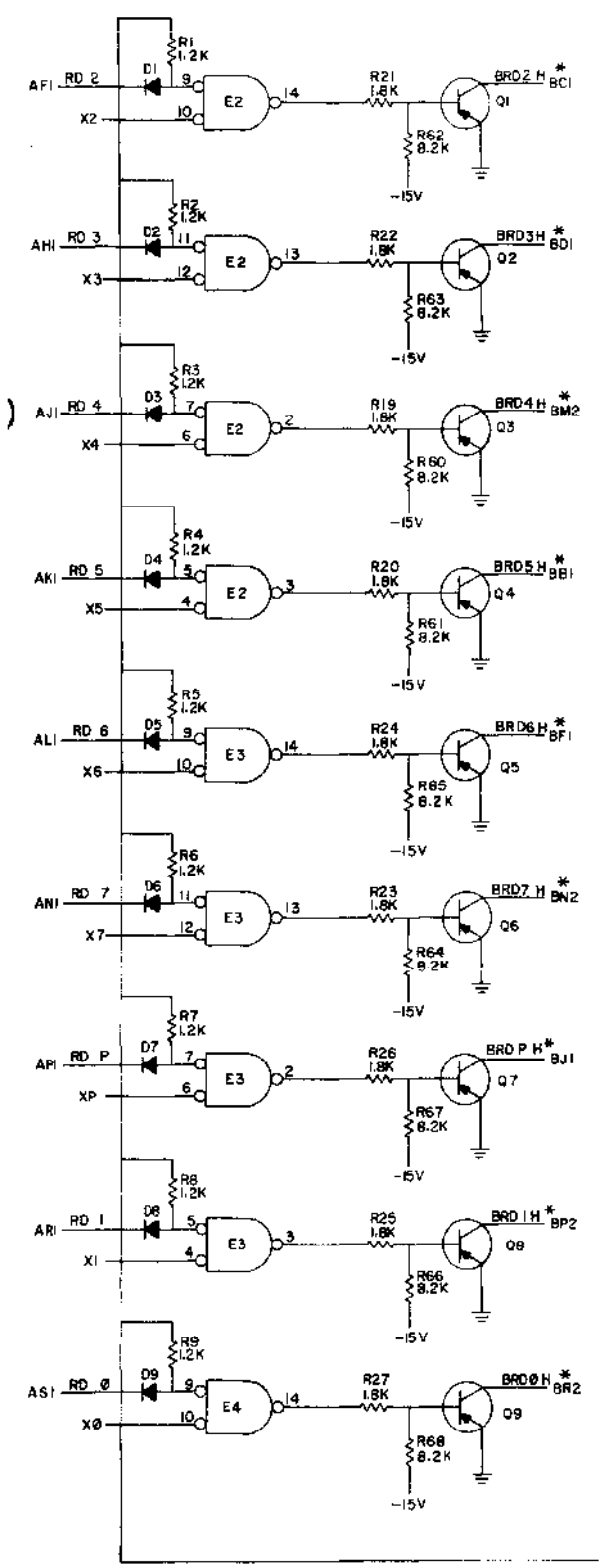
digital EQUIPMENT CORPORATION
 MAYNARD, MASSACHUSETTS

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 DEC834B
DIODES ARE D664
CAPACITORS ARE .01UF, 100V, 20%
IC'S ARE SP 384

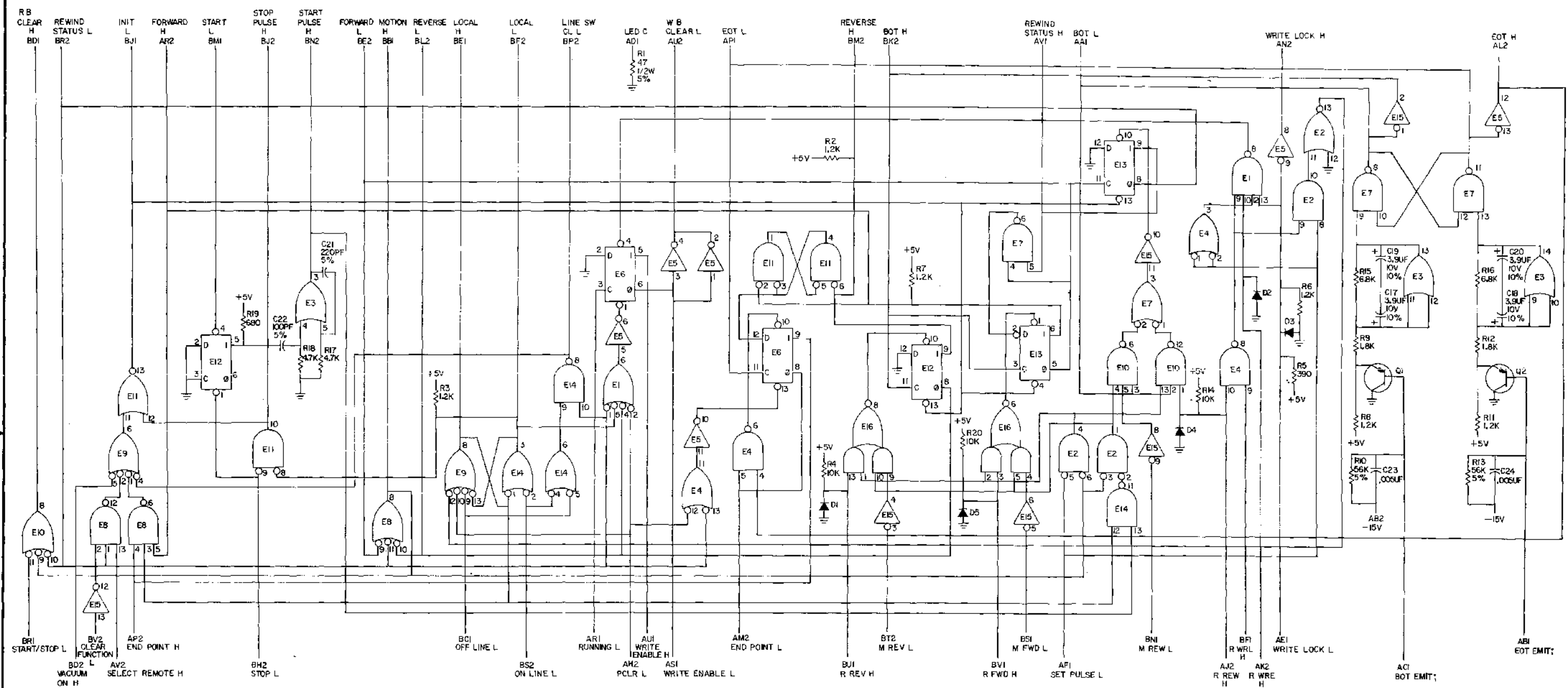
NOTE:
* NEGATIVE LOGIC SIGNALS
EG L+ - 3V
H+ 0V

REV	DATE	BY	CHKD
1	11/21/74	W. J. ...	...
2	11/21/74	...	...
3	11/21/74	...	...

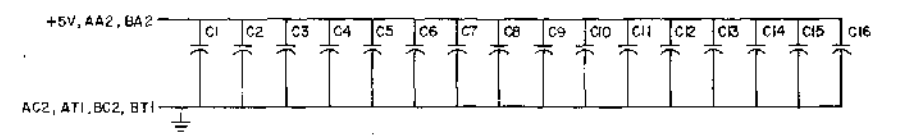
TRANSISTOR & DIODE CONVERSION CHART				TITLE	
DEC	8251	8251	8251	DELAY TRANSMITTER M768	
DEC	8251	8251	8251	EQUIPMENT CORPORATION	
DEC	8251	8251	8251	REV	F
DEC	8251	8251	8251	DATE	11/21/74

REV. 0
M768-0-1

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UNLESS OTHERWISE INDICATED:
 RESISTORS = 1/4W, 10%
 CAPACITORS = .01UF, 100V, 20%
 DIODES = DOG3
 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
 PIN 1 = GND ON E3
 PIN 8 = +5V



REVISIONS

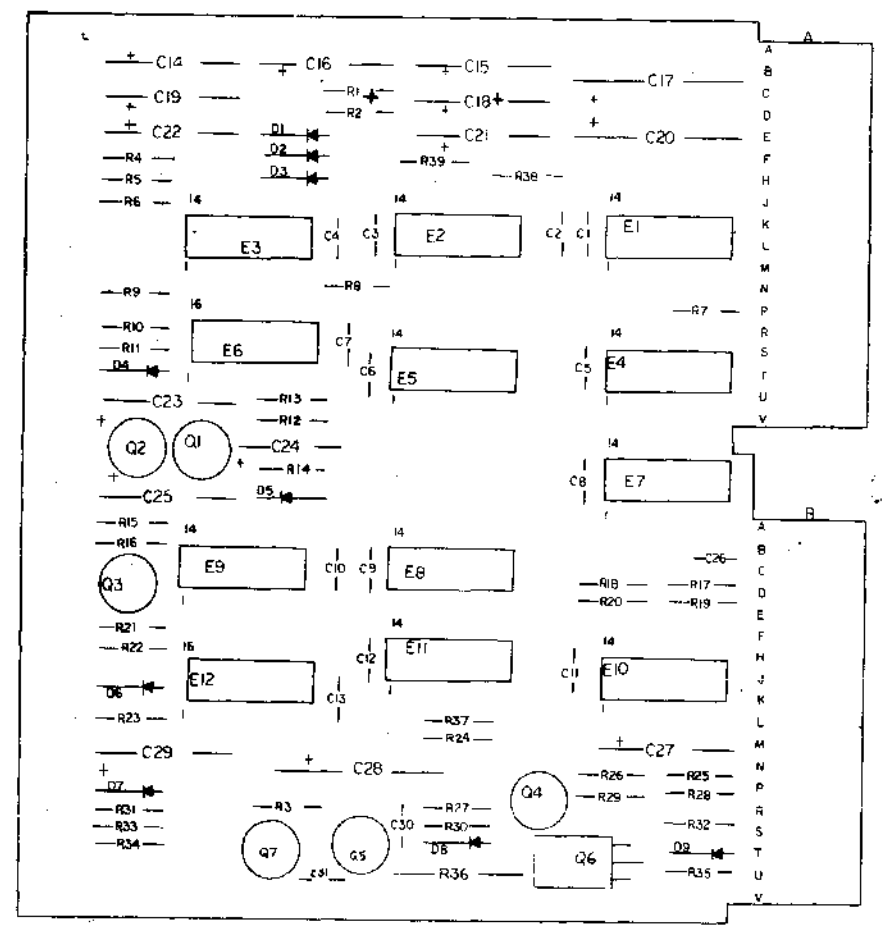
REV	NO	DATE	DESCRIPTION
1	1	1/71	ISSUED
2	1	1/71	REVISED

TRANSISTOR & DIODE CONVERSION CHART

DEC	EMA	DEC	EMA
DO03	1N934		
DEC3639B	NONE		

digital EQUIPMENT CORPORATION
 TITLE: FUNCTION CONTROL M769
 PART CODE: M769-0-1
 NUMBER: 1
 REV: M

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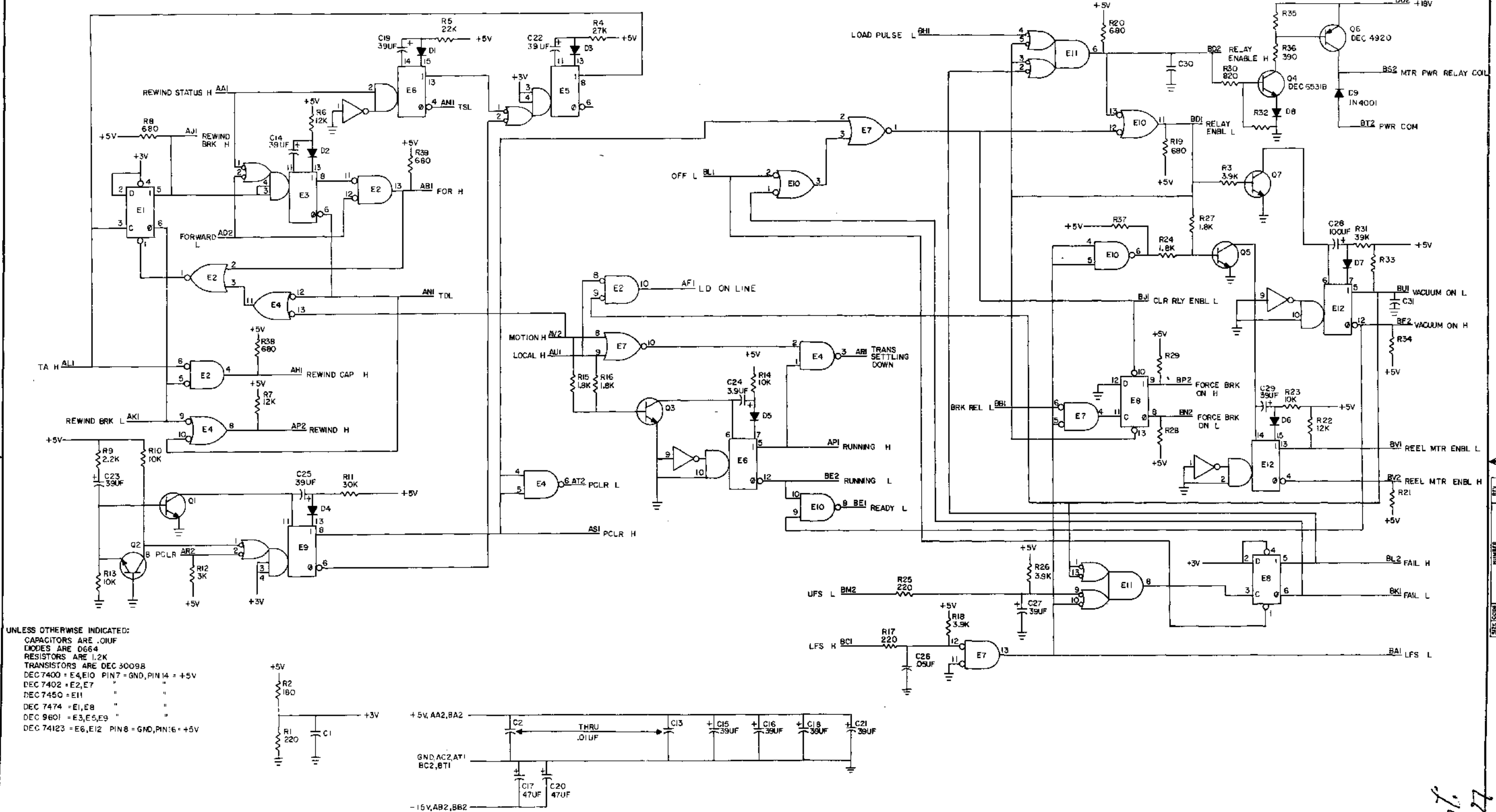


QTY.	REF DESIGNATION	DESCRIPTION	DEC PART NO.
1		INT. WIRE	000000
1		SHIELD, WIRE	000000
2		WASHER, PONY	000000
4		WASHER	000000
2	R6, 12	I.C. DEC 74123	1000000
3	R3, 5, 9	I.C. DEC 7401	1000000
2	R2, 7	I.C. DEC 7402	1000000
1	R11	I.C. DEC 7400	1000000
2	R4, 10	I.C. DEC 7400	1000000
2	R8, 8	I.C. DEC 7474	1000000
1	Q4	TRANSISTOR DEC 8000	1000000
1	Q4	TRANSISTOR DEC 8221	1000000
5	R1, 2, 3, 5, 7	TRANSISTOR DEC 8000	1000000
1	R11	RES. 30K 1/2W 5%	1000000
1	R11	RES. 30K 1/2W 5%	1000000
1	R16	RES. 330 1/2W 5%	1000000
1	R5	RES. 27K 1/2W 5%	1000000
1	R30	RES. 520 1/2W 5%	1000000
5	R8, 19, 20, 28, 29	RES. 480 1/2W 5%	1000000
1	R2	RES. 100 1/2W 5%	1000000
8	R21, 28, 29, 32, 33, 34, 35, 37	RES. 1.2K 1/2W 5%	1000000
3	R7, 7, 22	RES. 12K 1/2W 5%	1000000
4	R10, 13, 14, 23	RES. 10K 1/2W 5%	1000000
3	R3, 18, 26	RES. 3.3K 1/2W 5%	1000000
1	R12	RES. 3K 1/2W 5%	1000000
1	R9	RES. 2.2K 1/2W 5%	1000000
4	R13, 15, 24, 27	RES. 1.5K 1/2W 5%	1000000
1	R4	RES. 27K 1/2W 5%	1000000
3	R1, 17, 25	RES. 220 1/2W 5%	1000000
1	D8	DIODE 1N4001	1000000
8	D1 thru D8	DIODE D664	1100114
1	C26	CAP. 100UF 20V 10% TANT	1004815
2	C17, 20	CAP. 47UF 20V 10% TANT	1004814
1	C26	CAP. .05UF 25V -20% 480% DISC	1001774
15	C1 thru C13, 30, 31	CAP. .01UF 100V 20% DISC	1001610
12	C14, 15, 16, 18, 19, 21-28, 27, 29, 35	CAP. .39UF 10V 10% TANT	1000076
1	C24	CAP. 3.9UF 10V 10% TANT	1000064
1		ETCHED CIRCUIT BOARD	500 9129
		MODULE ECO HISTORY	B-M890-0-6
		ASSY/DRILLING HOLE LAYOUT	D-AH-M890-0-1
		X-Y COORDINATE HOLE LOCATION	X-CO-M890-0-1
		DESCRIPTION	DEC PART NO.
		PARTS LIST	

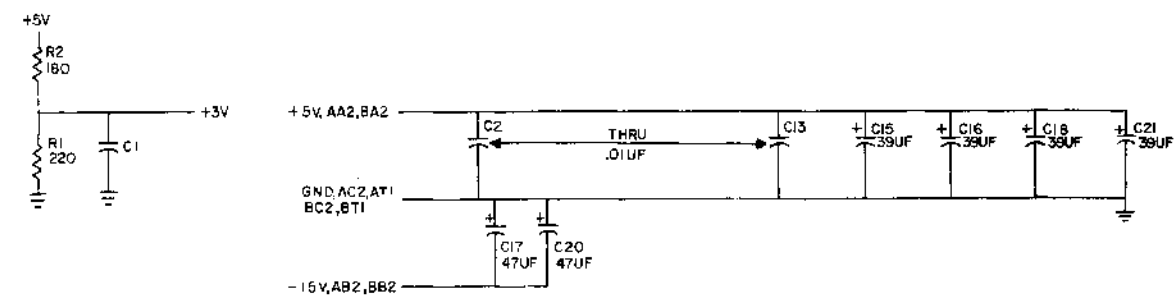
SHEET 1 OF 2

REVISIONS DATE BY CHECKED DATE BY	TRANSISTOR & DIODE CONVERSION CHART DEC EIA DEC EIA				digital EQUIPMENT CORPORATION MAYFORD, MASSACHUSETTS	TITLE MOTION CONTROL	
	DATE BY	DATE BY	DATE BY	DATE BY		SIZE D CS	NUMBER M890-0-1

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UNLESS OTHERWISE INDICATED:
 CAPACITORS ARE .01UF
 DIODES ARE D664
 RESISTORS ARE 1.2K
 TRANSISTORS ARE DEC 30098
 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

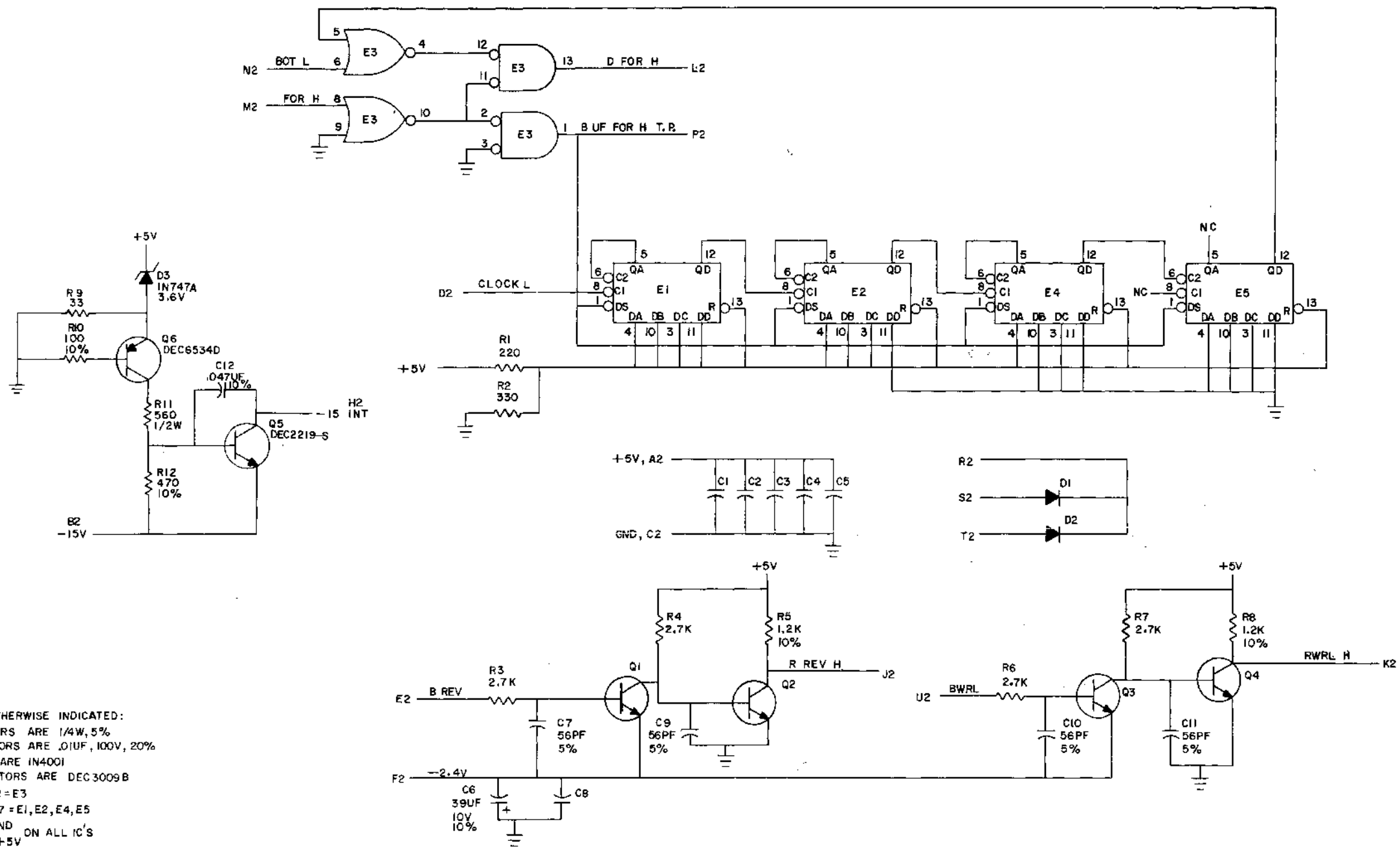


REV. J
 NUMBER M890-0-1
 SIZE (CON) D CS

Handwritten initials: *7/4*

REVISIONS:	DATE:	BY:	TRANSISTOR & DIODE CONVERSION CHART	TITLE
1	1/75	...	DEC 7400, 7402, 7450, 7474, 9601, 74123	MOTION CONTROL
2	7/75	...	IN4001, 2N3009, 2N3638	NUMBER M890-0-1
3	REV. J
4	PRINTED CIRCUIT REV. H

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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

REV.	NO.	DATE	BY	CHK'D
00001	B			
00002	C			

DRN.	DATE	CHK'D
George J. Junt	1-12-71	
R. W. Wells	1-12-71	
ENG	DATE	
DEC2219	1-13-71	
DEC6534D		
PROC	DATE	

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

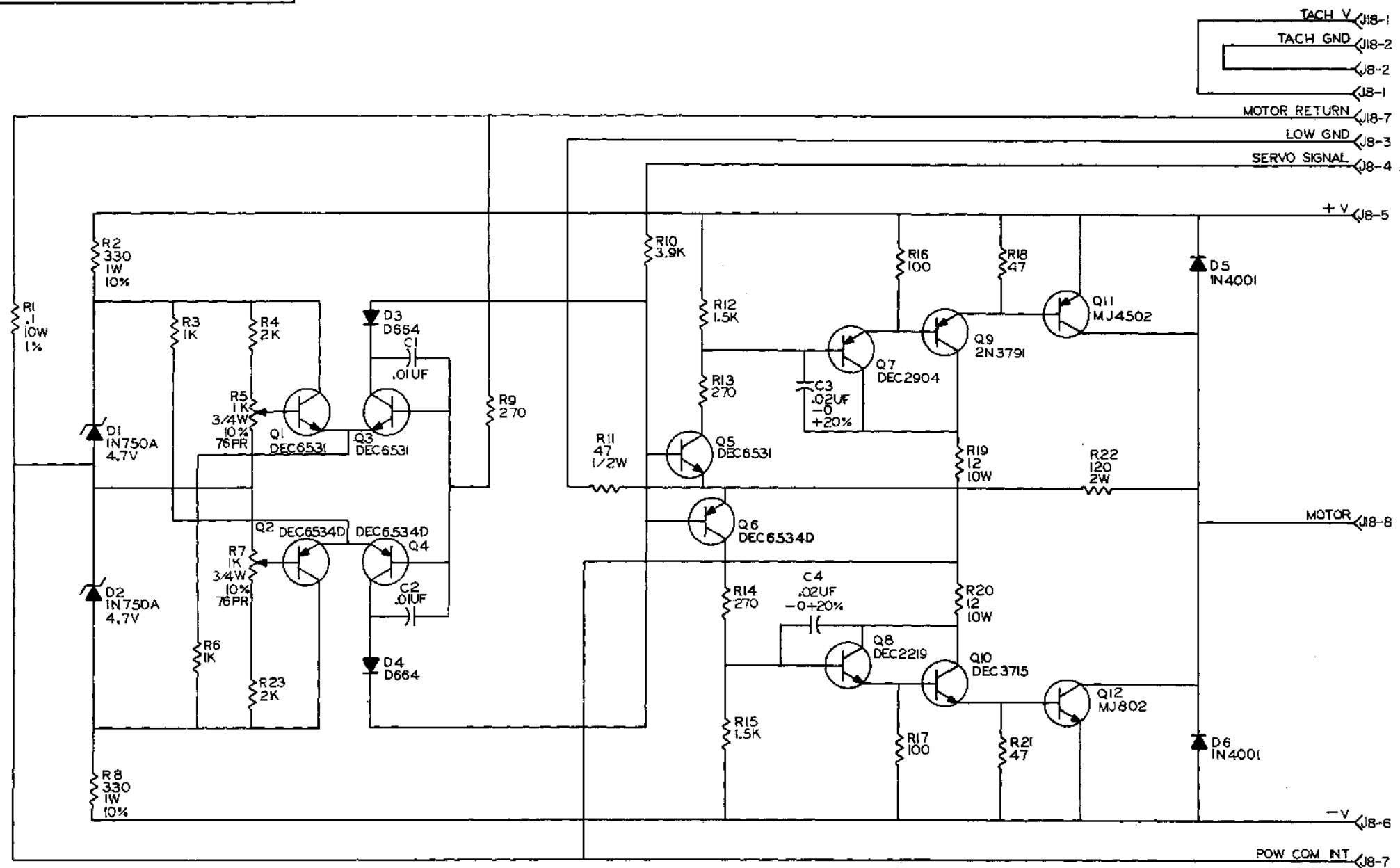
digital
 EQUIPMENT CORPORATION
 MAYNARD, MASSACHUSETTS

TITLE			
SIZE	CODE	NUMBER	REV
C	CS	M7670-0-1	C
PRINTED CIRCUIT REV			C

DEC FORM NO. 59C 10C

D151, 324, 434, 435* 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 J
 NUMBER H 603-0-1
 SIZE CODE C CS

REV	CHG NO	REV
1	00002	J
2	00003	J

DEC FORM NO. DRC 102

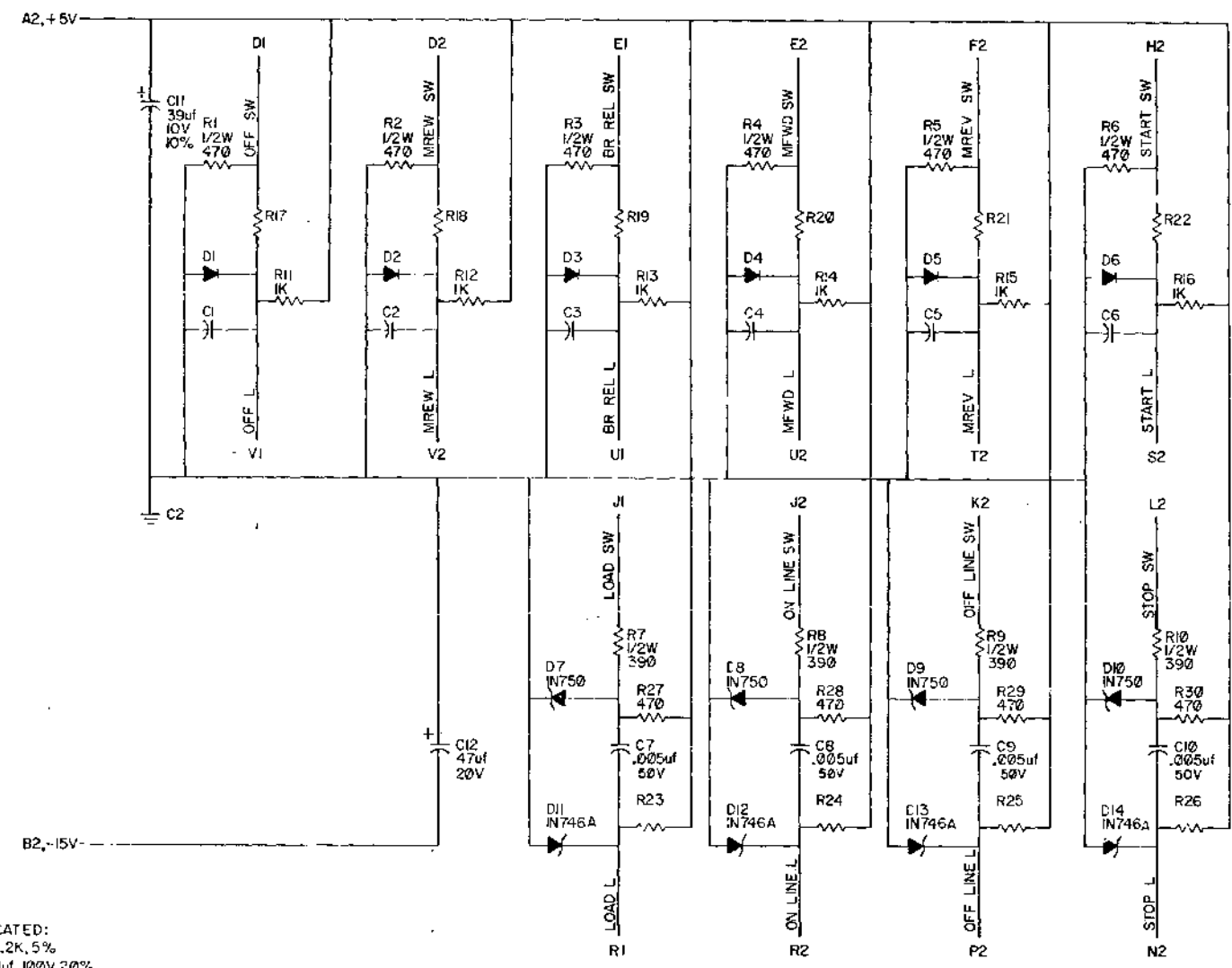
DRN	DATE
CHRD	9/26/71
DATE	9/29/71
DATE	9/29/71
DATE	9/29/71

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	D 664	1N 3606

digital
 EQUIPMENT CORPORATION
 MAYNARD, MASSACHUSETTS

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

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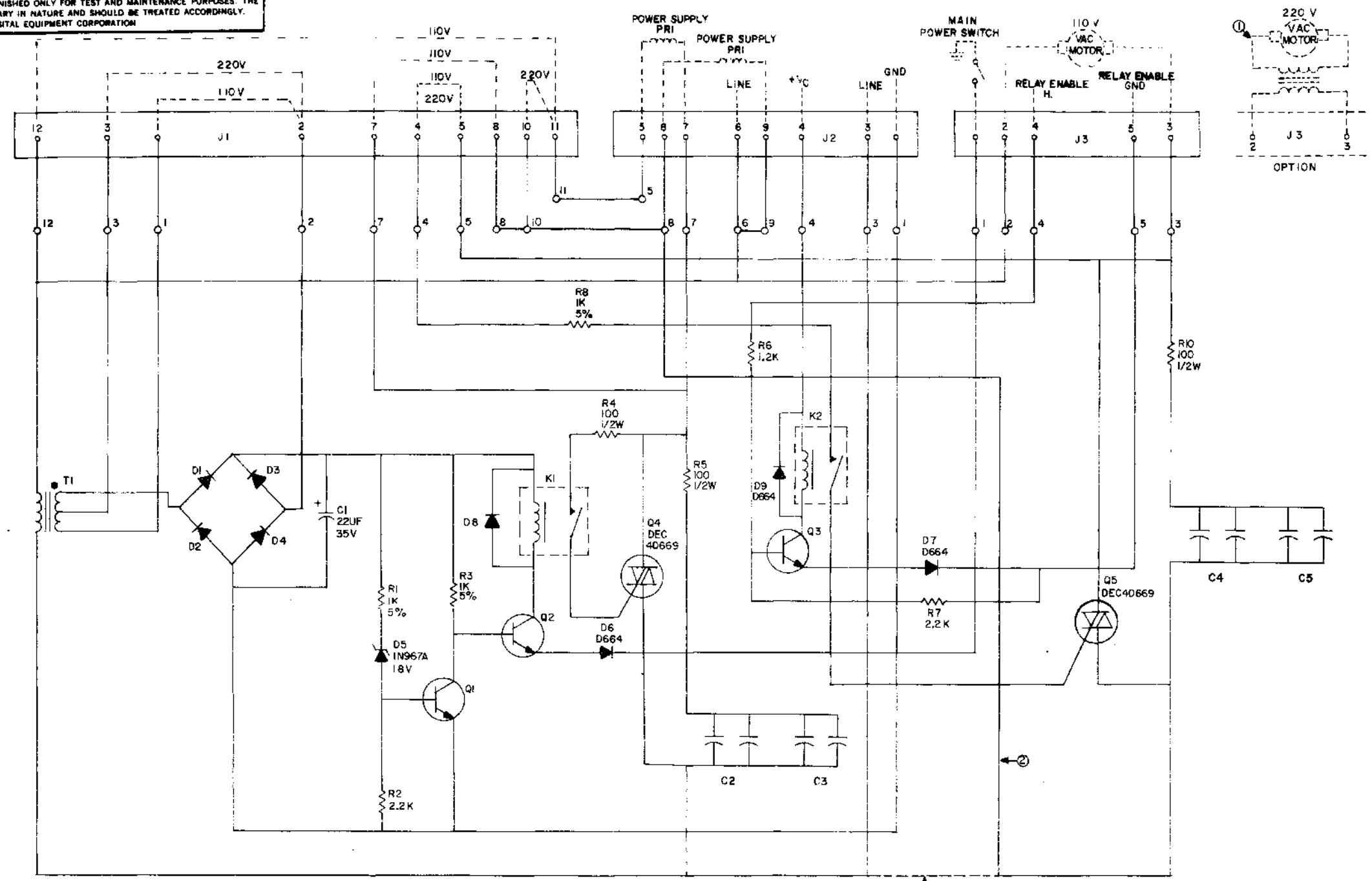


UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 1/4W, 1.2K, 5%
 CAPACITORS ARE .01uf, 100V, 20%
 DIODES ARE E003
 DIODES WHICH ARE IN750 ARE 4.7V
 DIODES WHICH ARE IN746 ARE 3.3V

REV. A
 NUMBER W726-0-1
 SIZE C3

REVISIONS 1. [] 2. [] 3. []	DRN Jeanne french DATE 7/28/73	TRANSISTOR & DIODE CONVERSION CHART <table border="1"> <tr> <th>Q1</th> <th>Q2</th> <th>Q3</th> <th>Q4</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Q1	Q2	Q3	Q4													SWITCH FILTER W726
	Q1		Q2	Q3	Q4														
CHK'D [Signature]	EQUIPMENT CORPORATION																		
PROD [Signature]	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 MP8653I
 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 .209350-15
 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	10/1/70	Randy Moore	
2	10/1/70		
3	10/1/70		
4	10/1/70		
5	10/1/70		
6	10/1/70		
7	10/1/70		
8	10/1/70		
9	10/1/70		
10	10/1/70		

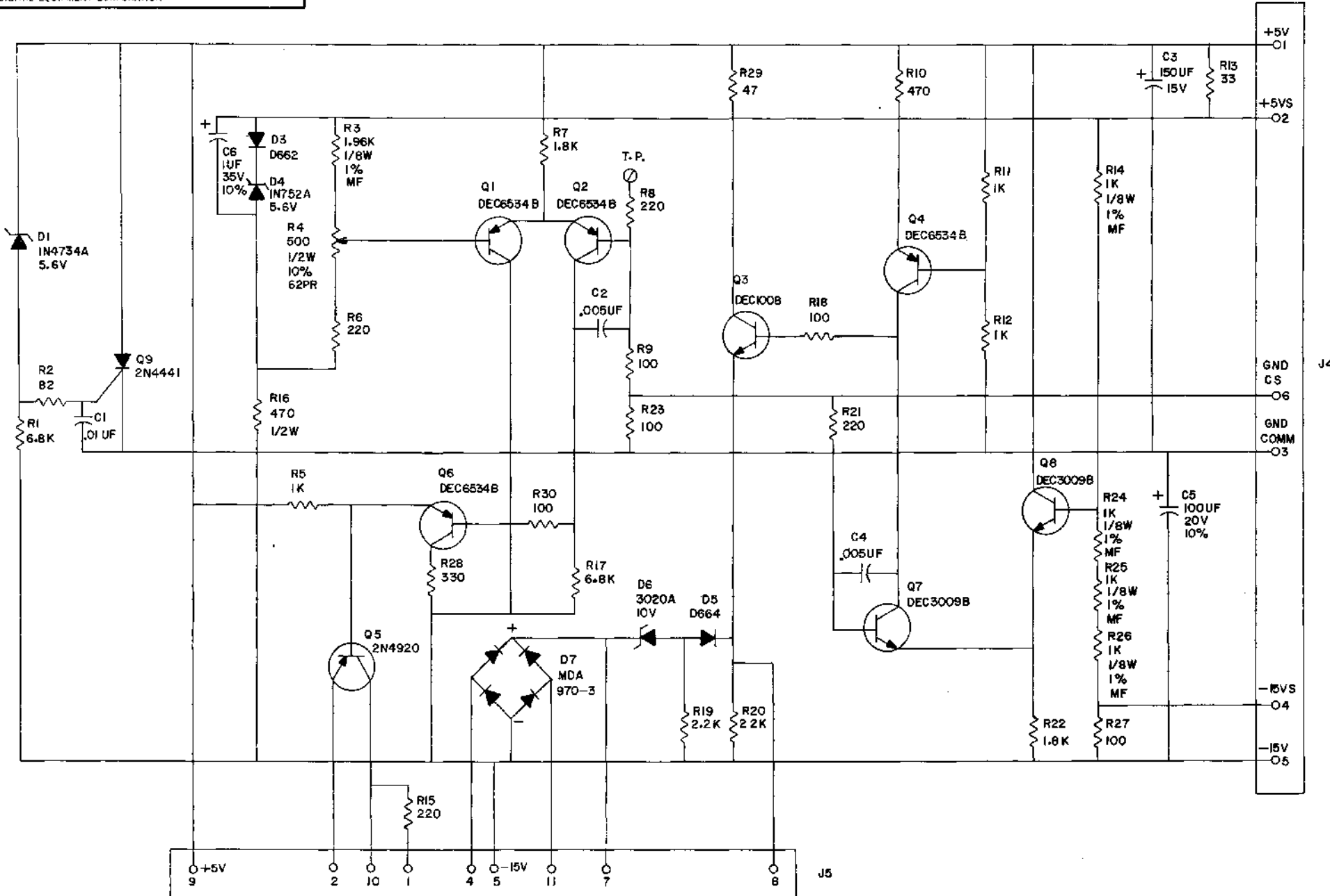
DATE	10/1/70
BY	Randy Moore
CHKD	
DATE	
BY	
DATE	
BY	
DATE	
BY	

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N41	1N4148	1N4148	1N4148
2N42	1N4148	1N4148	1N4148
2N43	1N4148	1N4148	1N4148
2N44	1N4148	1N4148	1N4148
2N45	1N4148	1N4148	1N4148
2N46	1N4148	1N4148	1N4148
2N47	1N4148	1N4148	1N4148
2N48	1N4148	1N4148	1N4148
2N49	1N4148	1N4148	1N4148
2N50	1N4148	1N4148	1N4148
2N51	1N4148	1N4148	1N4148
2N52	1N4148	1N4148	1N4148
2N53	1N4148	1N4148	1N4148
2N54	1N4148	1N4148	1N4148
2N55	1N4148	1N4148	1N4148
2N56	1N4148	1N4148	1N4148
2N57	1N4148	1N4148	1N4148
2N58	1N4148	1N4148	1N4148
2N59	1N4148	1N4148	1N4148
2N60	1N4148	1N4148	1N4148

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

5408924-0-1

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UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 1/4W, 5%
 CAPACITORS ARE 100V, 20%
 J1 = 6PIN MATE-N-LOCK CONNECTOR, I209350-06
 J2 = 12PIN MATE-N-LOCK CONNECTOR, I209350-06
 ⊕ = SPLIT LUG

REV	CHG NO	REV
1	00001	D
2	00002	E
3	00003	F

DEC FORM NO
DRC 102

DRN	DATE
N.C. MOORE	1-18-71
CHKD	DATE
W. W. W.	2/19/71
ENG	DATE
W. W. W.	2/17/71
PROD	DATE

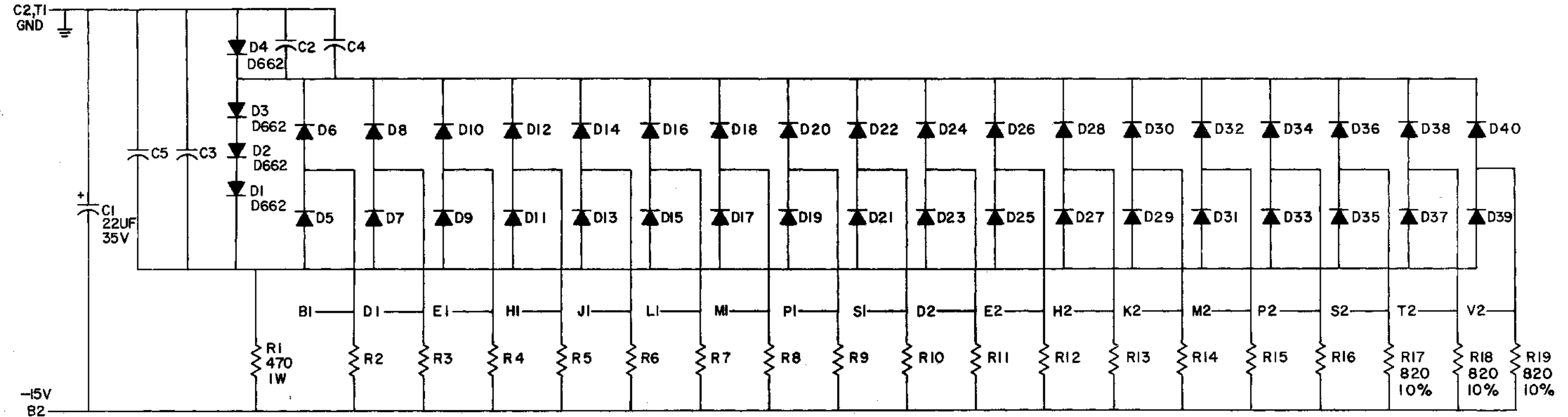
TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
DEC 1008	NONE	DEC 3009B	2N3009
DEC 6534B	MP6534	IN4734A	SAME
D662	1N648	IN782A	SAME
D664	1N3606	2N4920	
3020A			

digital
 EQUIPMENT CORPORATION
 MAYNARD, MASSACHUSETTS

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

SIZE CODE NUMBER REV.
 C CS 5408928 F

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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	B
		0001		B

DRN	DATE
<i>L. Cooper</i>	11/11/70
CHK'D	DATE
<i>R. V. Allen</i>	11/25/70
ENG.	DATE
<i>On Morganster</i>	12/1/70
PROD.	DATE

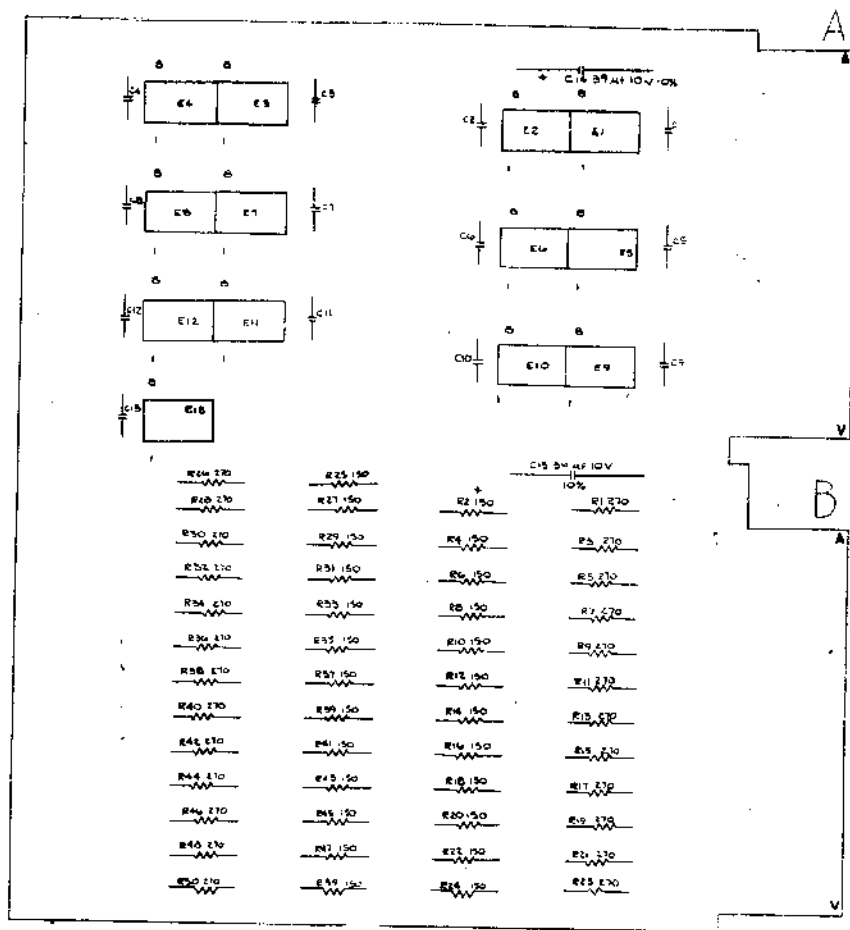
TRANSISTOR & DIODE CONVERSION CHART			
DEC		EIA	
D664		IN3606	
D662		IN645	

digital
 EQUIPMENT CORPORATION
 MAYNARD, MASSACHUSETTS

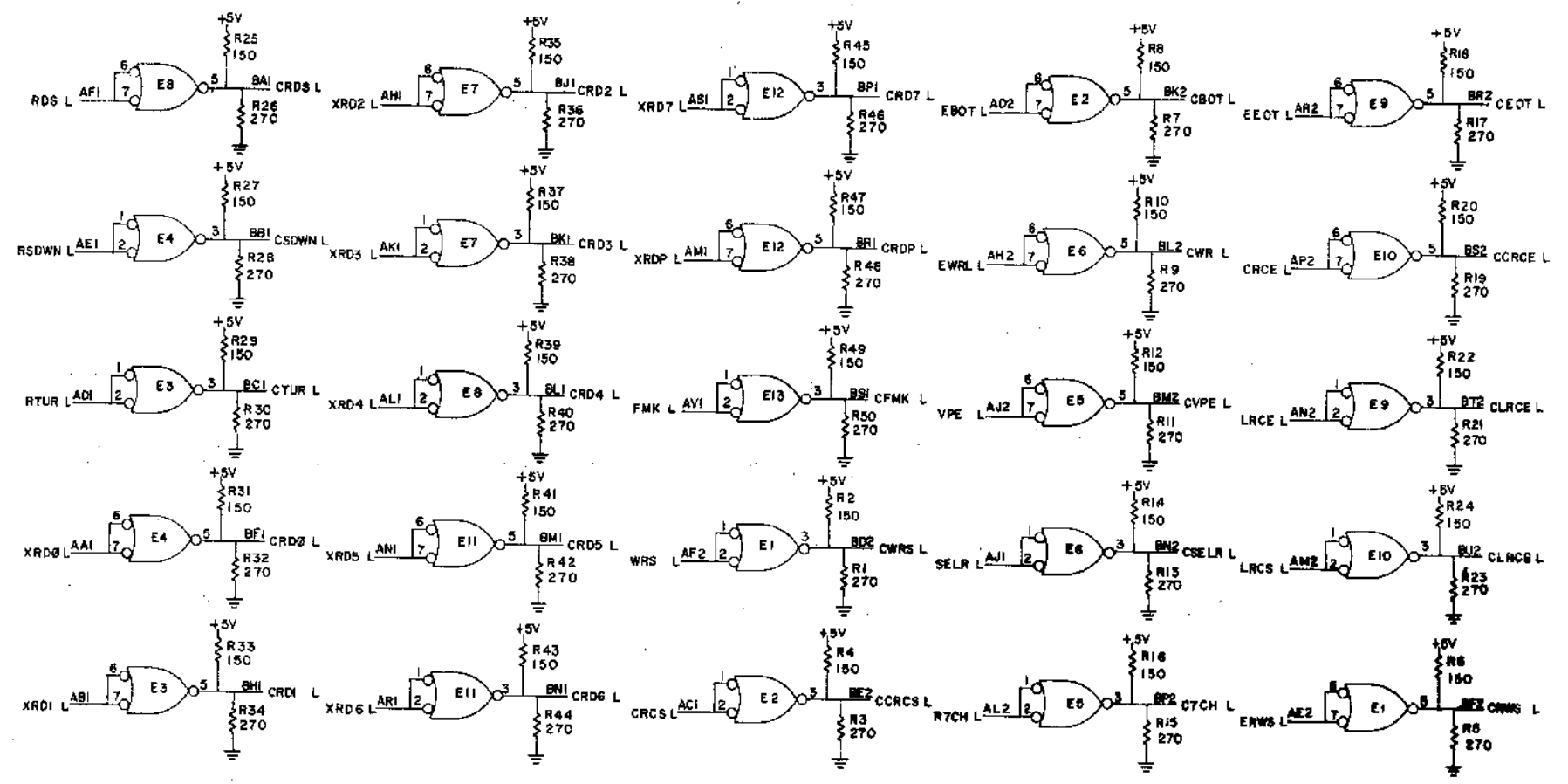
TITLE TU10 NEGATIVE RLS TERMINATOR G741			
SIZE	CODE	NUMBER	REV.
B	CS	G741-0-1	B
PRINTED CIRCUIT REV.			C

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1-0-049M 50 0 10001 2/18



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



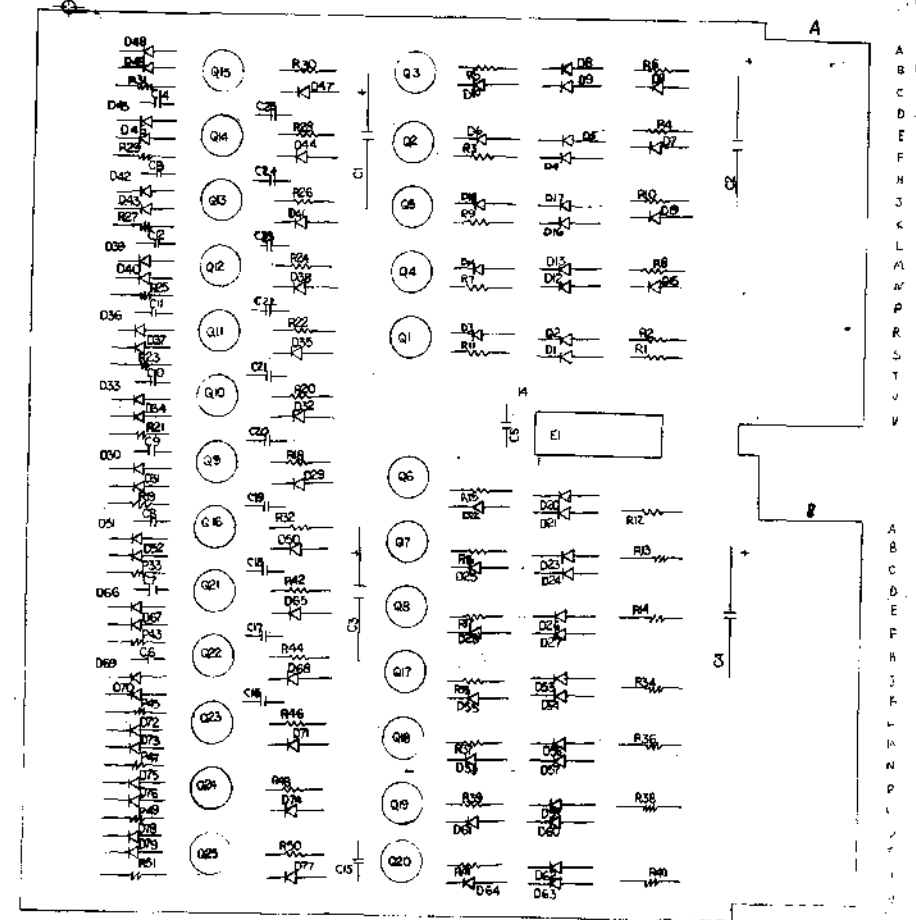
QTY	REP DESIGNATION	DESCRIPTION	DEC PART NO.
		GRIPLET	1210244-0
13	R1 - R13	I.C. DEC 75451	1910406
1		EYELET #254-7	9006732
1		HANDLE, FLIP CRIP - MAGENTA	9008337-06
25	R1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23	RES. 270 OHM 5%	1301972
25	R2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24	RES. 150 OHM 5%	1300250
12	C1 - C13	CAP. .01UF 100V 20% DISC	1001610
2	C14, C15	CAP. 39UF 10V 10%	1000076
1		ETCHED CIRCUIT BOARD	5009575
		MODULE ECO HISTORY	E-M8-1640-0-6
		ASSEMBLY DRAWING SHEET LAYOUT	D-M8-1640-0-5
		X-Y COORDINATE SHEET LOCATION	K-CO-1640-0-4

REV	DATE	BY	CHKD	DESCRIPTION
1	12/23/71	W. J. Miley		TRANSISTOR & DIODE CONVERSION CHART
2	1/13/72	W. J. Miley		
3	1/13/72	W. J. Miley		

TITLE MASTER/INTERFACE
BUS DRIVER
EQUIPMENT CORPORATION
PRINTED CIRCUIT REV. C

105-224, 134, 188

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QTY	REF DESIGNATION	DESCRIPTION	DEC PART NO.	QTY
2		BANDLE, FLIP CHIP - MAGENTA	9008337-06	17
4		EYELET 9664-7	9004732	16
		GRIPLET	1210244-0	15
1	IC	I.C. DEC 7404	1909686	14
25	Q1 - Q25	TRANSISTOR DEC 36398	1902762	13
25	R3,5,7,9,11,13,16,17,21,2124, 22,23,24,25	RES. 6.8K 1/4W 5%	1301423	12
1	IC	RES. 280 1/4W 5%	1301322	11
25	R2,4,6,8,10,12,14,18,20,22,24,26, 27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50	RES. 1.2K 1/4W 5%	1301320	10
24	D1 - D24	DIODE D664	1100114	9
21	C5 - C25	CAP. .01UF 100V 20% DISC	1001810	8
4	C1 - C4	CAP. 39UF 20V 10% S. TANT	1005335	7
1		ETCHED CIRCUIT BOARD	5009566	6
		MODULE ECO HISTORY	B-MH-M7671-0-6	5
		ASSY/DRILLING HOLE LAYOUT	D-AH-M7671-0-5	4
		V.V. DOCUMENTATION SHEET 1,000-1000	K-CC-M7671-0-4	3
				2
				1

REVISIONS: _____

DATE: _____

BY: _____

TRANSISTOR & DIODE CONVERSION CHART

DEC	EM	DEC	EM

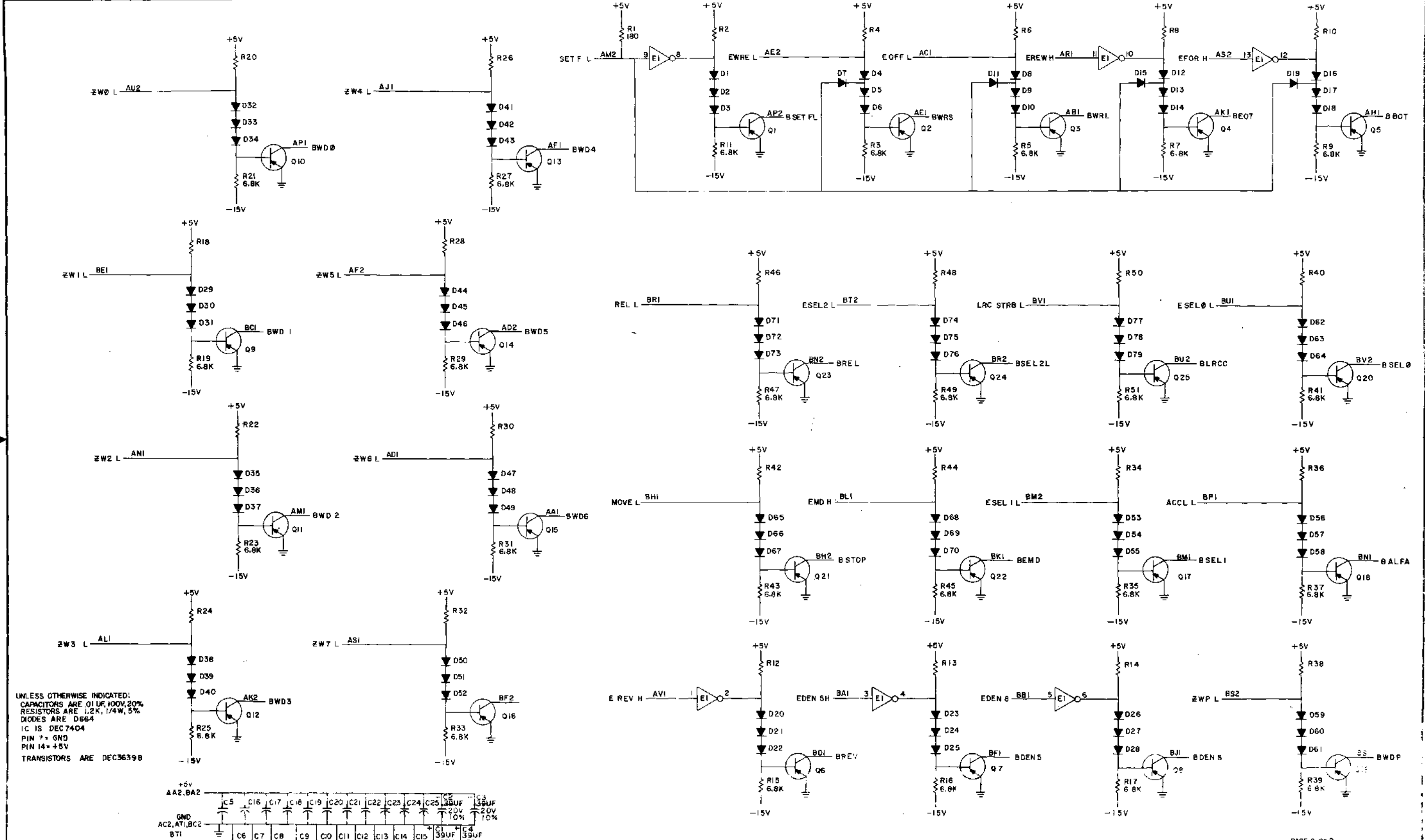
digital EQUIPMENT CORPORATION

MASTER/SLAVE BUS DRIVER

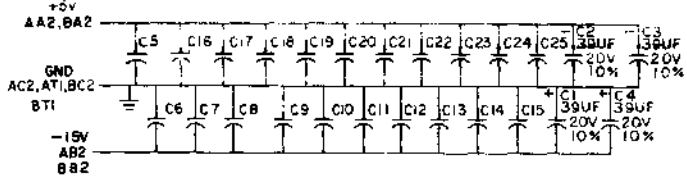
SEE CODE NUMBER D CS M7671-0-1

PRINTED CIRCUIT REV B

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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



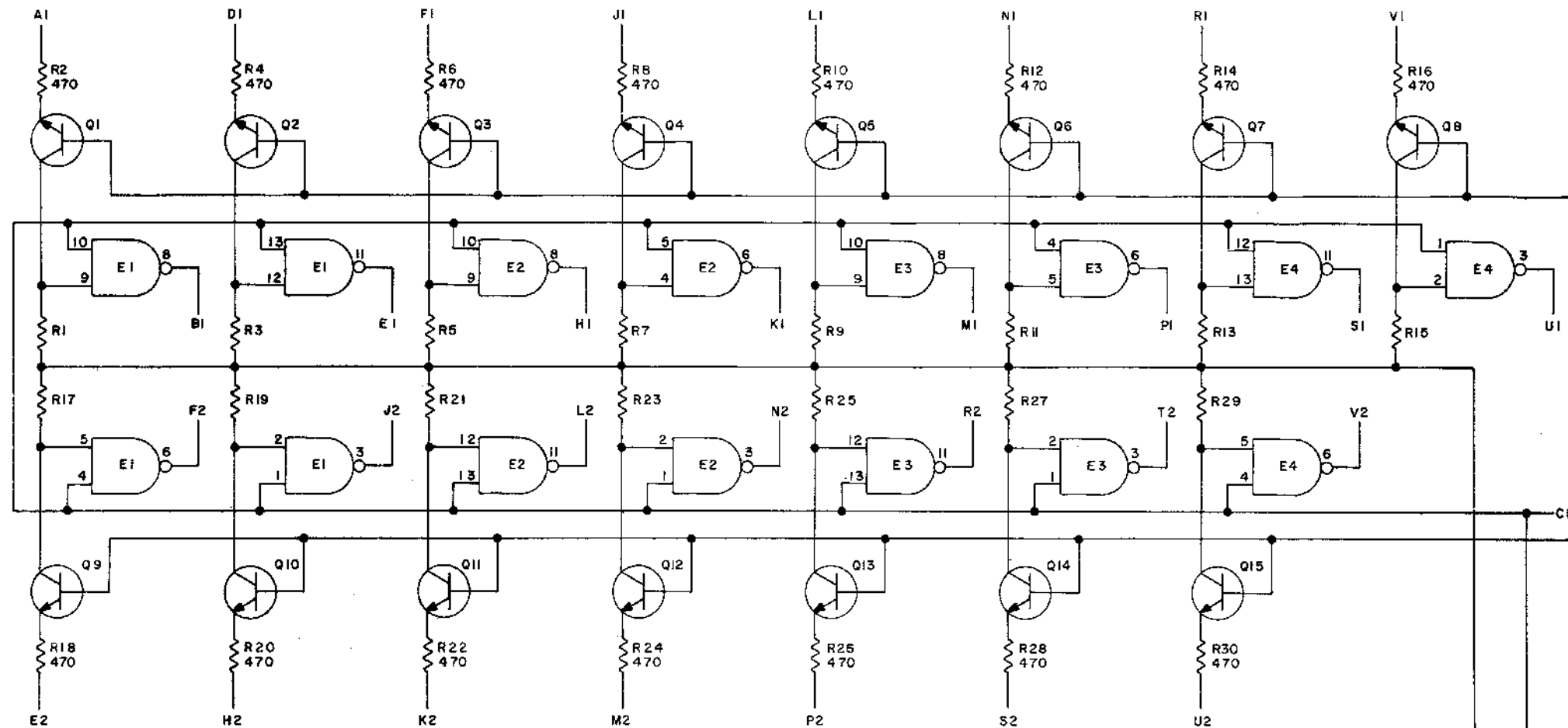
REV	DATE	BY	CHKD
1			
2			
3			

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
0644	IN3806	DEC3639B	2N3904

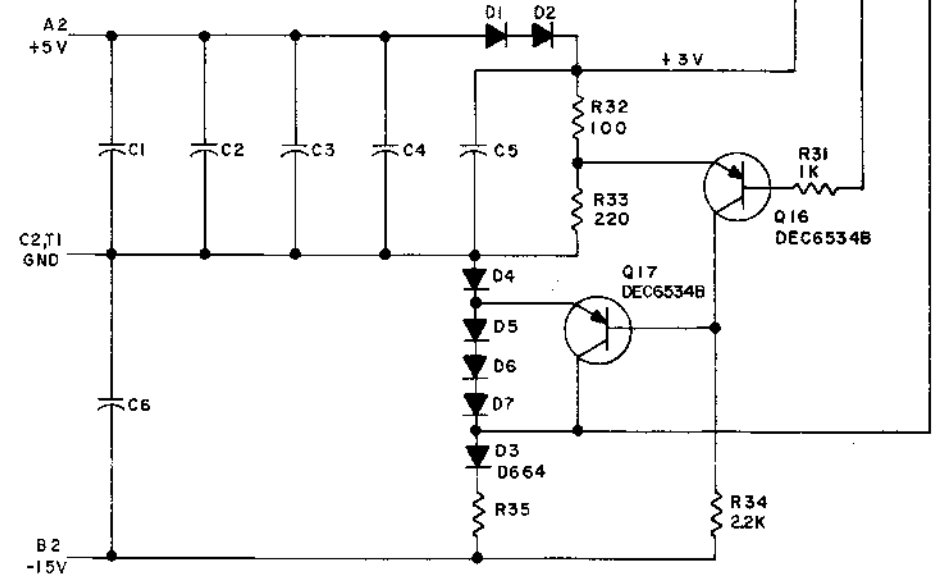
DATE: 2-18-71
 DESIGNED BY: S. COOPER
 CHECKED BY: [Signature]
 FILE: MASTER/SLAVE BUS DRIVER
 EQUIPMENT CORPORATION
 SIZE: 0 CS M7671-0-1
 PRINTED CIRCUIT REV: B

REV A
 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	NO	DATE	BY
1	00001		

DRN	DATE	3-27-69
CHK'D	DATE	3/27/69
ENG.	DATE	3/27/69
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

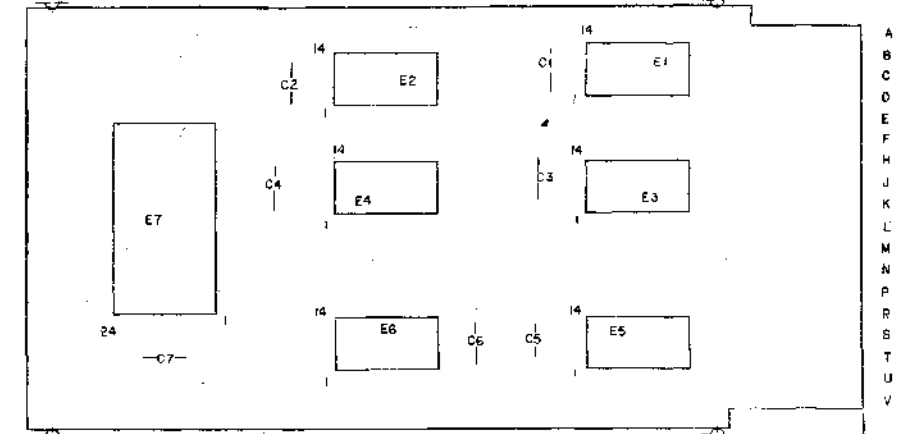
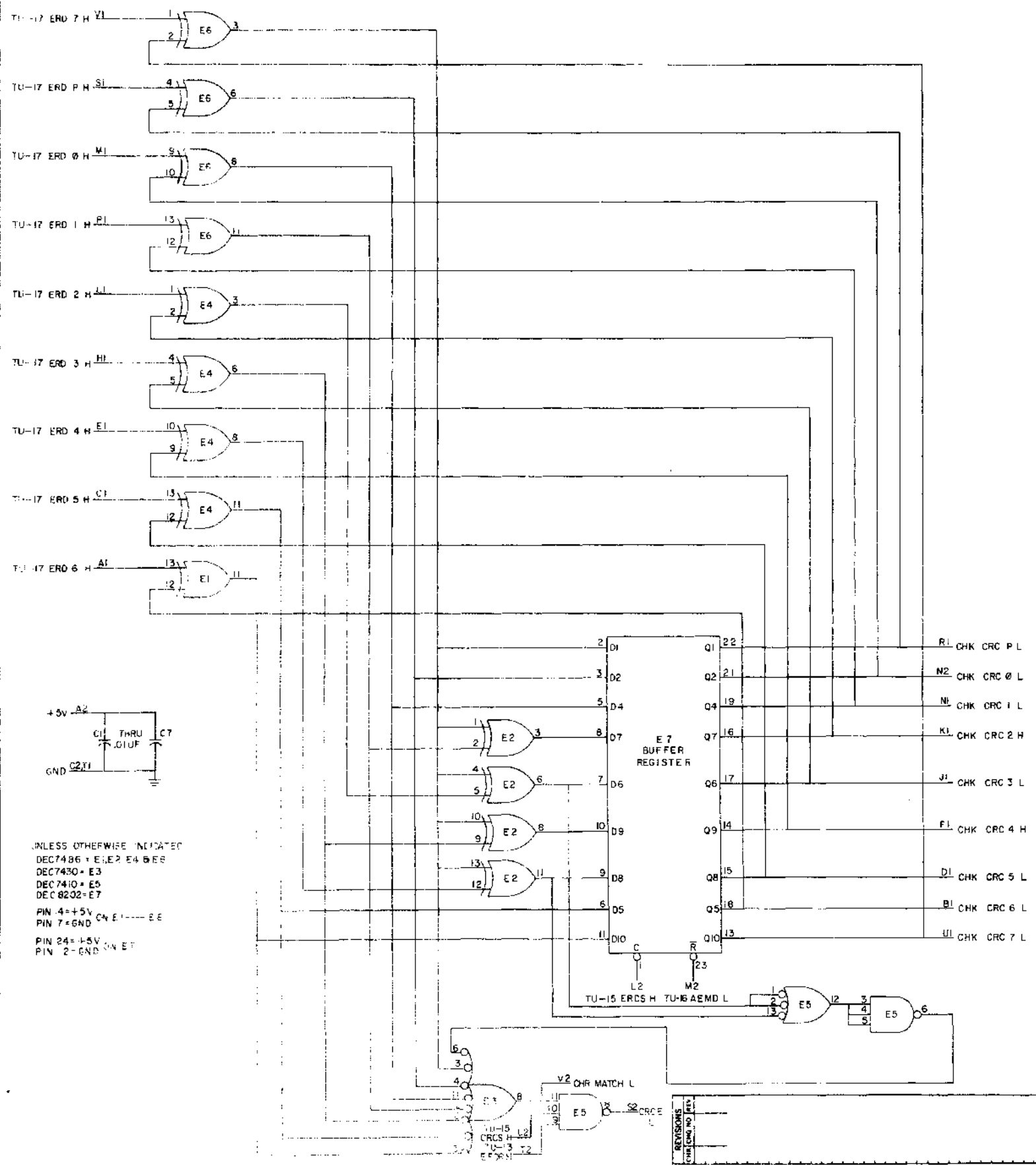
SIZE: C CS NUMBER: M100-0-1 REV: B

PRINTED CIRCUIT REV: A

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

DATE 3/27/69

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A
B
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D
E
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G
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J
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P
R
S
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U
V

UNLESS OTHERWISE INDICATED
DEC7486 - E1, E2, E4, E6, E8
DEC7430 - E3
DEC7410 - E5
DEC8202 - E7
PIN 4 = +5V ON E1 - E6
PIN 7 = GND
PIN 24 = +5V
PIN 2 = GND ON E7

QTY.	REP. DESIGNATION	DESCRIPTION	DEC PART NO.	REV.
1		HANDLE, PLIP CHIP - MAGENTA	9008317-06	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	5009666	4
		MODULE ECO HISTORY	D-M8-M896-0-6	3
		ASSY/DRILLING HOLE LAYOUT	D-A8-M896-0-5	2
		X-Y COORDINATE HOLE LOCATION	E-50-M896-0-4	1

TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA

digital CRC CHECKER

EQUIPMENT CORPORATION

DATE: 11/11/71
BY: J. H. COOPER

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

REVISIONS
DATE
BY
NO.

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

4 3 2 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.E. Long</i>	DATE 5/3/72			
ENG. <i>James Repetto</i>	DATE 5-3-72			
PROJ. ENG. <i>J. Sullivan</i>	DATE 5-3-72			
PROD. <i>H.W. Dow</i>	DATE 5-3-72			
NEXT HIGHER ASSEMBLY D-AD-7008795-0-0		SIZE CODE K WL	NUMBER TUIØA-Ø-5	REV.
SCALE 1/1		DIST.		
SHEET 1 OF 1				

REVISIONS	REV.
CHANGE NO.	
CHK	

4 3 2 1

TU10A OKLAT,P0
 RUN NAME

WRP288.V24D(6)-1 04-APR-72
 A/P PIN ORDER BAY - Q
 NAME PIN ORDER

8-MAY-72 15101
 DRAW MODULE TYPE E C LOADING
 OPT FLAG C HIGH LOW AC EXTRA

PAGE 1
 LENGTH EXCEPTIONS RUN
 NUMBER

556 CLK	H	A25N1	1-01	H	OKLT S OKLAT	2	1					6-2/8	1
556 CLK	H	A14N1	1-02	H	OKLT S OKLAT	2	2					5	1
556 CLK	H	B08A2	1-03	C	OKLT S M904	C							1
556 CLK	H		1					0	0	0	0	11-2/8	1
800 CLK	H	A25N2	1-01	H	OKLT S OKLAT	2	1					6-2/8	2
800 CLK	H	A14N2	1-02	H	OKLT S OKLAT	2	2					5-2/8	2
800 CLK	H	B08B2	1-03	C	OKLT S M904	C							2
800 CLK	H		1					0	0	0	0	11-4/8	2
GND A07K1	G	A07K1		G	OKLT S M904	G							3
GND A07M1	G	A07M1		G	OKLT S M904	G							4
GND A07M2	G	A07M2		G	OKLT S M904	G							5
GND A07R1	G	A07R1		G	OKLT S M904	G							6
GND A07R2	G	A07R2		G	OKLT S M904	G							7
GND A07T2	G	A07T2		G	OKLT S M904	G							8
GND A07U1	G	A07U1		G	OKLT S M904	G							9
GND A07V2	G	A07V2		G	OKLT S M904	G							10
GND A07X1	G	A07X1		G	OKLT S M904	G							11
GND A07X2	G	A07X2		G	OKLT S M904	G							12
GND A07Z1	G	A07Z1		G	OKLT S M904	G							13
GND A07Z2	G	A07Z2		G	OKLT S M904	G							14
GND A08K1	G	A08K1		G	OKLT S M904	G							15
GND A08M1	G	A08M1		G	OKLT S M904	G							16
GND A08M2	G	A08M2		G	OKLT S M904	G							17
GND A08R1	G	A08R1		G	OKLT S M904	G							18
GND A08R2	G	A08R2		G	OKLT S M904	G							19
GND A08T2	G	A08T2		G	OKLT S M904	G							20
GND A08U1	G	A08U1		G	OKLT S M904	G							21
GND A08V2	G	A08V2		G	OKLT S M904	G							22
GND A08X1	G	A08X1		G	OKLT S M904	G							23
GND A08X2	G	A08X2		G	OKLT S M904	G							24
GND A08Z1	G	A08Z1		G	OKLT S M904	G							25

TU10A OKLAT.P0
RUN NAME

A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW OPT	MODULE FLAG	TYPE	E	C	LOADING			PAGE 2 LENGTH EXCEPTIONS	RUN NUMBER
										HIGH	LOW	AC EXTRA		
	GND A08Z	G	A08ZP		G	OKLT S M904	G							26
	GND A09K	G	A09K1		G	OKLT S M904	G							27
	GND A09M	G	A09M1		G	OKLT S M904	G							28
	GND A09M1	G	A09M2		G	OKLT S M904	G							29
	GND A09R	G	A09R1		G	OKLT S M904	G							30
	GND A09R1	G	A09R2		G	OKLT S M904	G							31
	GND A09T	G	A09T2		G	OKLT S M904	G							32
	GND A09U	G	A09U1		G	OKLT S M904	G							33
	GND A09V	G	A09V2		G	OKLT S M904	G							34
	GND A09X	G	A09X1		G	OKLT S M904	G							35
	GND A09X2	G	A09X2		G	OKLT S M904	G							36
	GND A09Z	G	A09Z1		G	OKLT S M904	G							37
	GND A09Z2	G	A09Z2		G	OKLT S M904	G							38
	GND A12L1	G	A12L1		G	OKLT S OKLAT	G IB							39
	GND A12L1	G	A12N1		G	OKLT S OKLAT	G IB							40
	GND A12L1	G	A12R1		G	OKLT S OKLAT	G IB							41
	GND A12L1	G	A12T1		G	OKLT S OKLAT	G IB							42
	GND A12L1	G	A12V1		G	OKLT S OKLAT	G IB							43
	GND A12L1	G	A12X1		G	OKLT S OKLAT	G IB							44
	GND A12L1	G	A12Z1		G	OKLT S OKLAT	G IB							45
	GND A13L1	G	A13K1		G	OKLT S OKLAT	G IB							46
	GND A13L2	G	A13L2		G	OKLT S OKLAT	G IB							47
	GND A13L1	G	A13M1		G	OKLT S OKLAT	G IB							48
	GND A13L2	G	A13N2		G	OKLT S OKLAT	G IB							49
	GND A13L1	G	A13P1		G	OKLT S OKLAT	G IB							50
	GND A13L2	G	A13R2		G	OKLT S OKLAT	G IB							51
	GND A13L1	G	A13S1		G	OKLT S OKLAT	G IB							52
	GND A13L2	G	A13T2		G	OKLT S OKLAT	G IB							53

TU10A OKLAT.P0
RUN NAME

A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW OPT	MODULE FLAG	TYPE	E	C	LOADING			PAGE 3 LENGTH EXCEPTIONS	RUN NUMBER
										HIGH	LOW	AC EXTRA		
	GND A13U1	G	A13U1		G	OKLT S OKLAT	G IB							54
	GND A13V2	G	A13V2		G	OKLT S OKLAT	G IB							55
	GND A13X1	G	A13X1		G	OKLT S OKLAT	G IB							56
	GND A13X2	G	A13X2		G	OKLT S OKLAT	G IB							57
	GND A13Y1	G	A13Y1		G	OKLT S OKLAT	G IB							58
	GND A13Z2	G	A13Z2		G	OKLT S OKLAT	G IB							59
	GND A14K1	G	A14K2		G	OKLT S OKLAT	G IB							60
	GND A14M2	G	A14M2		G	OKLT S OKLAT	G IB							61
	GND A14P2	G	A14P2		G	OKLT S OKLAT	G IB							62
	GND A14S2	G	A14S2		G	OKLT S OKLAT	G IB							63
	GND A14U2	G	A14U2		G	OKLT S OKLAT	G IB							64
	GND A14W2	G	A14W2		G	OKLT S OKLAT	G IB							65
	GND A14Y2	G	A14Y2		G	OKLT S OKLAT	G IB							66
	GND A15L1	G	A15L1		G	OKLT S OKLAT	G IB							67
	GND A15R1	G	A15R1		G	OKLT S OKLAT	G IB							68
	GND A15V1	G	A15V1		G	OKLT S OKLAT	G IB							69
	GND A15Z1	G	A15Z1		G	OKLT S OKLAT	G IB							70
	GND A23L1	G	A23L1		G	OKLT S OKLAT	G IB							71
	GND A23N1	G	A23N1		G	OKLT S OKLAT	G IB							72
	GND A23R1	G	A23R1		G	OKLT S OKLAT	G IB							73
	GND A23T1	G	A23T1		G	OKLT S OKLAT	G IB							74
	GND A23V1	G	A23V1		G	OKLT S OKLAT	G IB							75
	GND A23X1	G	A23X1		G	OKLT S OKLAT	G IB							76
	GND A23Z1	G	A23Z1		G	OKLT S OKLAT	G IB							77
	GND A24K1	G	A24K1		G	OKLT S OKLAT	G IB							78
	GND A24L2	G	A24L2		G	OKLT S OKLAT	G IB							79
	GND A24M1	G	A24M1		G	OKLT S OKLAT	G IB							80
	GND A24N2	G	A24N2		G	OKLT S OKLAT	G IB							81

TU10A QKLAT.P0
RUN NAME

WRP288.V240(6)-1 04-APR-72 0-MAY-72 19101 PAGE 8

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

TU10A QKLAT.P0
RUN NAME

WRP288.V240(6)-1 04-APR-72 0-MAY-72 19101 PAGE 9

A/P	PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW OPT	MODULE FLAG	TYPE	E	C	LOADING HIGH	LOW	AC	EXTRA	LENGTH	EXCEPTIONS	RUN NUMBER
1H	A23K1		1-01	H	QKLT S	QKLAT	2	1						6-2/8		155
1H	A12K1		1-02	H	QKLT S	QKLAT	2	2						3-2/8		155
1H	A07L1		1-03	C	QKLT S	M904 C										155
1H			1							0	0	0	0	9-4/8		155
1H	A25L1		1-01	H	QKLT S	QKLAT	2	1						6-2/8		156
1H	A14L1		1-02	H	QKLT S	QKLAT	2	2						5-4/8		156
1H	A07W1		1-03	C	QKLT S	M904 C										156
1H			1							0	0	0	0	11-6/8		156