

PC04/PC05
paper tape
reader/punch
engineering drawings

digital equipment corporation · maynard, massachusetts

PC04/PC05 Engineering Drawings

PC04 Engineering Drawings

Number	Title
D-DI-PC04-0-1	Drawing Index
D-UA-PC04-0-0	Unit Assembly
C-PL-PC04-0-0	Unit Assembly, Parts List
D-BS-PC04-0-2	Power and Control Schematic Diagram
D-BS-PC04-CL-RD	Reader and Power Supply
D-BS-PC04-CL-PNCH	Punch
D-MU-PC04-0-3	Module Utilization List
A-PL-PC04-0-3	Parts List, Modules
E-AD-7006268-0-0	Bus Bar
A-PL-7006268-0-0	Bus Bar, Parts List
A-SP-PC04-0-4	PC04 Engineering Specification

PC05 Engineering Drawings

Number	Title
D-DI-PC05-0-1	Drawing Index
D-UA-PC05-0-0	Unit Assembly
A-PL-PC05-0-0	Unit Assembly, Parts List
D-BS-PC05-0-4	Power and Control Schematic
C-MU-PC05-0-3	Module Utilization List
A-PL-PC05-0-3	Parts List, Modules
C-AD-7006253-0-0	Bus Bar
A-PL-7006253-0-0	Bus Bar, Parts List

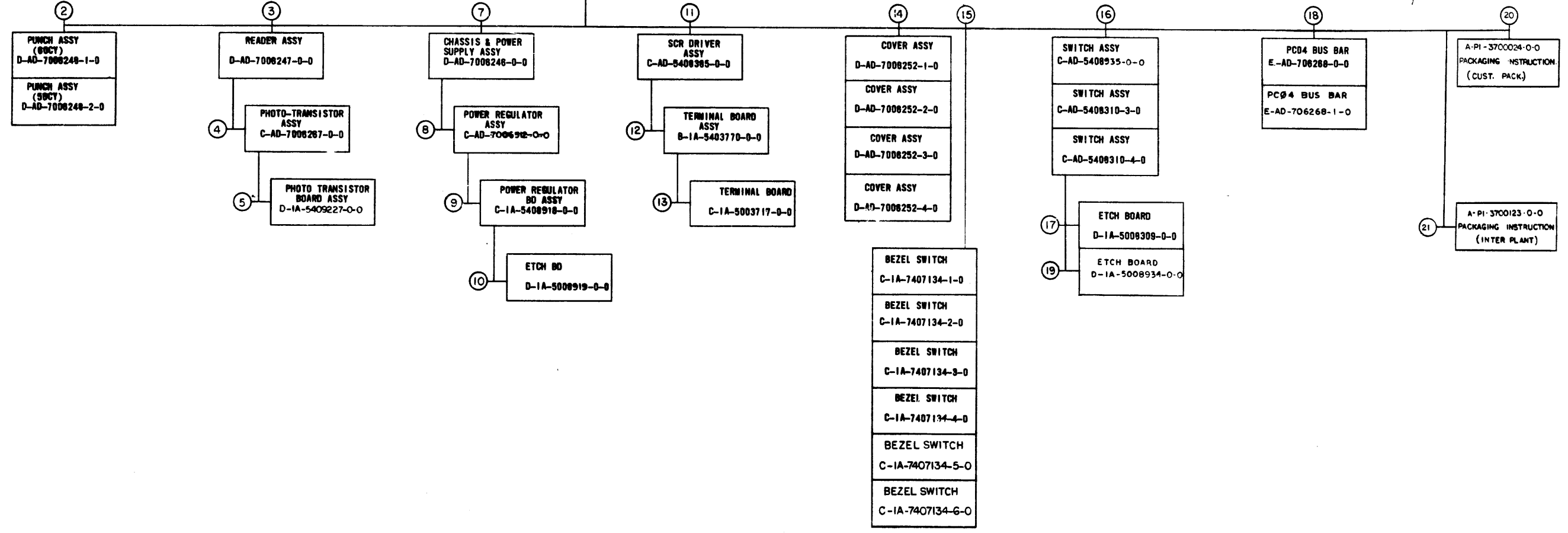
PC04/PC05 Circuit Schematics

Number	Title
C-CS-G918-0-1	Photo Transistor Amplifier
B-CS-M040-0-1	Solenoid Driver (Reader Motor)
B-CS-M044-0-1	Solenoid Driver (Punch Solenoid)
D-CS-M710-0-1	Punch Control
C-CS-M715-0-1	Reader Clock
E-CS-M340-0-1	Reader/Punch Control
D-CS-M7050-0-1	Reader Control
B-CS-5408918-0-1	Power Regulator Card
B-CS-5408308-0-1	Power Regulator Card
B-CS-5408384-0-1	Triac Driver Assembly

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

NOTES:
 1 THE KEY TO SYMBOLS IN THE FIND NO. COLUMNS IN FIND BLOCK 1 IS:
 AN "X" MEANS THE ASSY IS USED.
 A BLANK SPACE MEANS THE ASSY IS NOT USED.
 A DASH AND NUMBER (-1,-2 ETC) MEANS THE ASSY IS USED AND THAT VARIATION OF THE ASSY, HAVING THAT PARTICULAR DASH NUMBER AS PART OF ITS DWG. NUMBER IS USED.
 EXAMPLE:
 A PUNCH MODEL FROM FIND COLUMN 14 USES A (-2) OR A D-AD-7006252-2-0 COVER ASSY

MODEL	DESCRIPTION	CY.	COMPOSITION																	
			FIND NUMBER																	
			2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
PC04-B, B0 & B1	PUNCH & READER	60	-1	X	X	X		X	X	X	X					-1	-1	-4	X	X
PC04-BA, BC & BM	PUNCH & READER	50	-2	X	X	X		X	X	X	X				-1	-1	-4	X	X	
PC04-C	PUNCH, READER, DRIVER	80	-1	X	X	X		X	X	X	X	X	X	X	-4	-4	-3	X	X	
PC04-CA	PUNCH, READER, DRIVER	50	-2	X	X	X		X	X	X	X	X	X	X	-4	-4	-3	X	X	
PC04-P & PL	PUNCH	80	-1					X	X	X	X					-2	-2	-2	X	X
PC04-PA & PM	PUNCH	50	-2					X	X	X	X					-2	-2	-2	X	X
PC04-R & RB	READER			X	X	X		X	X	X	X				-3	-3	-0		X	X



UNIT ASSY. DWG. NO. D-UA-PC04-0-0

REV.	CHG. NO.	REV.	DATE	BY	CHK.
A	00006	1	10-10-69	T. Quillan	T. Quillan
B	00008	2	10-9-69	T. Quillan	T. Quillan
C	00011	3	10-10-69	T. Quillan	T. Quillan
D	00013	4	11-6-69	G. Beckner	G. Beckner
E	00014	5	1-15-70	G. Beckner	G. Beckner
F	00002	6	1-21-70	I. Morris	I. Morris
G	00002	7	3-10-70	T. Quillan	T. Quillan
H	00019	8	5-19-70	C. Corell	C. Corell
I	00019	9	3-20-70	T. Quillan	T. Quillan
J	00021	10	4-21-70	T. Quillan	T. Quillan
K	00022	11	5-1-70	C. Youse	C. Youse
L	00014	12	5-1-70	C. Youse	C. Youse
M	00032	13	7-6-70	A. Adleman	A. Adleman
N	00036	14	8-12-70	M. Leis	M. Leis
O	00041	15	10-11-71	M. Leis	M. Leis
P	00041	16	11-18-71	M. Leis	M. Leis
Q	00046	17	1-24-71	M. Leis	M. Leis
R	00046	18	3-24-71	M. Leis	M. Leis
S	00046	19	5-11-71	M. Leis	M. Leis
T	00051	20	5-11-71	M. Leis	M. Leis
U	00086	21	8-11-71	M. Leis	M. Leis
V	00034	22	8-11-71	M. Leis	M. Leis
W	00037	23	8-11-71	M. Leis	M. Leis
X	00037	24	8-11-71	M. Leis	M. Leis
Y	00037	25	8-11-71	M. Leis	M. Leis
Z	00037	26	8-11-71	M. Leis	M. Leis

FIRST USED ON OPTION / MODEL
PC04

DO NOT SCALE DRAWING
 UNLESS OTHERWISE SPECIFIED
 DIMENSION IN INCHES
 TOLERANCES
 DECIMALS FRACTIONS ANGLES
 ± .005 ± 1/64 ± 0°20'
 FINAL SURFACE QUALITY
 REMOVE BURRS AND BREAK SHARP CORNERS

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
1	UNIT ASSY	D-UA-PC04-0-0	1
1	PUNCH ASSY (80CY)	D-AD-7006248-1-0	2
1	PUNCH ASSY (50CY)	D-AD-7006248-2-0	3
1	READER ASSY	D-AD-7006247-0-0	4
1	PHOTO-TRANSISTOR ASSY	C-AD-7006287-0-0	4
1	PHOTO TRANSISTOR BOARD ASSY	D-1A-5409227-0-0	5
1	CHASSIS & POWER SUPPLY ASSY	D-AD-7006246-0-0	7
1	POWER REGULATOR ASSY	C-AD-7006992-0-0	8
1	POWER REGULATOR BO ASSY	C-1A-5408918-0-0	9
1	ETCH BO	D-1A-5008919-0-0	10
1	SCR DRIVER ASSY	C-AD-5408985-0-0	11
1	TERMINAL BOARD ASSY	B-1A-5403770-0-0	12
1	TERMINAL BOARD	C-1A-5003717-0-0	13
1	COVER ASSY	D-AD-7006252-1-0	14
1	COVER ASSY	D-AD-7006252-2-0	15
1	COVER ASSY	D-AD-7006252-3-0	16
1	COVER ASSY	D-AD-7006252-4-0	17
1	BEZEL SWITCH	C-1A-7407134-1-0	18
1	BEZEL SWITCH	C-1A-7407134-2-0	19
1	BEZEL SWITCH	C-1A-7407134-3-0	20
1	BEZEL SWITCH	C-1A-7407134-4-0	21
1	BEZEL SWITCH	C-1A-7407134-5-0	22
1	BEZEL SWITCH	C-1A-7407134-6-0	23
1	SWITCH ASSY	C-AD-5408935-0-0	16
1	SWITCH ASSY	C-AD-5408310-3-0	17
1	SWITCH ASSY	C-AD-5408310-4-0	18
1	ETCH BOARD	D-1A-5008308-0-0	17
1	ETCH BOARD	D-1A-5008934-0-0	19
1	PC04 BUS BAR	E-AD-706268-0-0	18
1	PC04 BUS BAR	E-AD-706268-1-0	19
1	A-PI-370024-0-0	PACKAGING INSTRUCTION (CUST. PACK)	20
1	A-PI-370023-0-0	PACKAGING INSTRUCTION (INTER PLANT)	21

digital EQUIPMENT CORPORATION
 TITLE: **DRAWING INDEX LIST, PC04**

SCALE: **1" = 1"**
 SHEET: **1 OF 2**
 NUMBER: **DIDI PC04-0-1**
 DIST. **16**

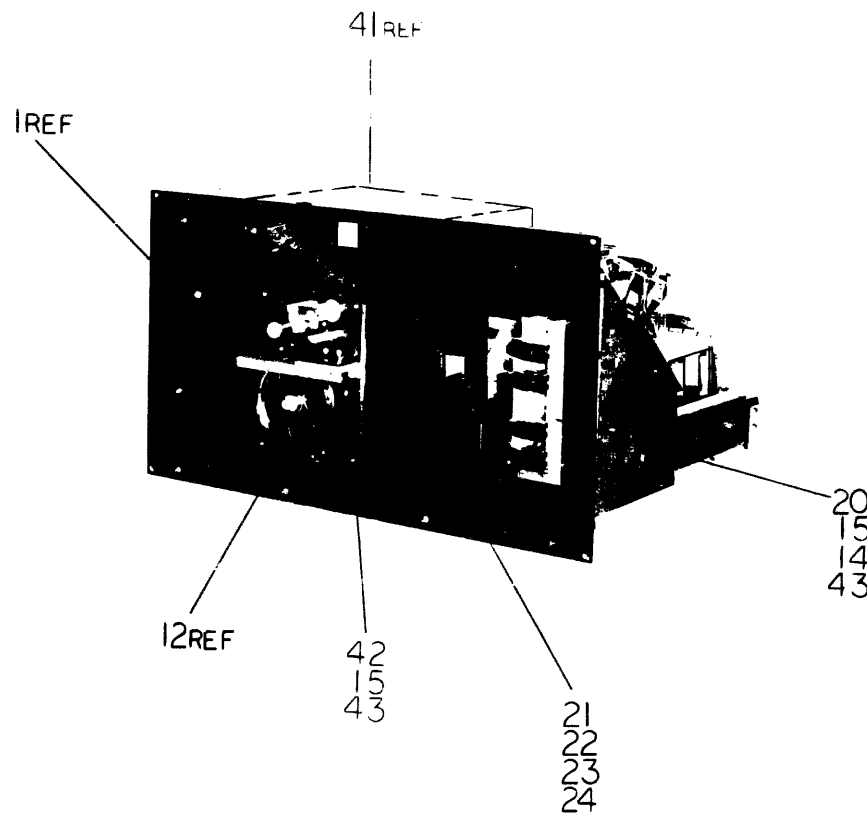
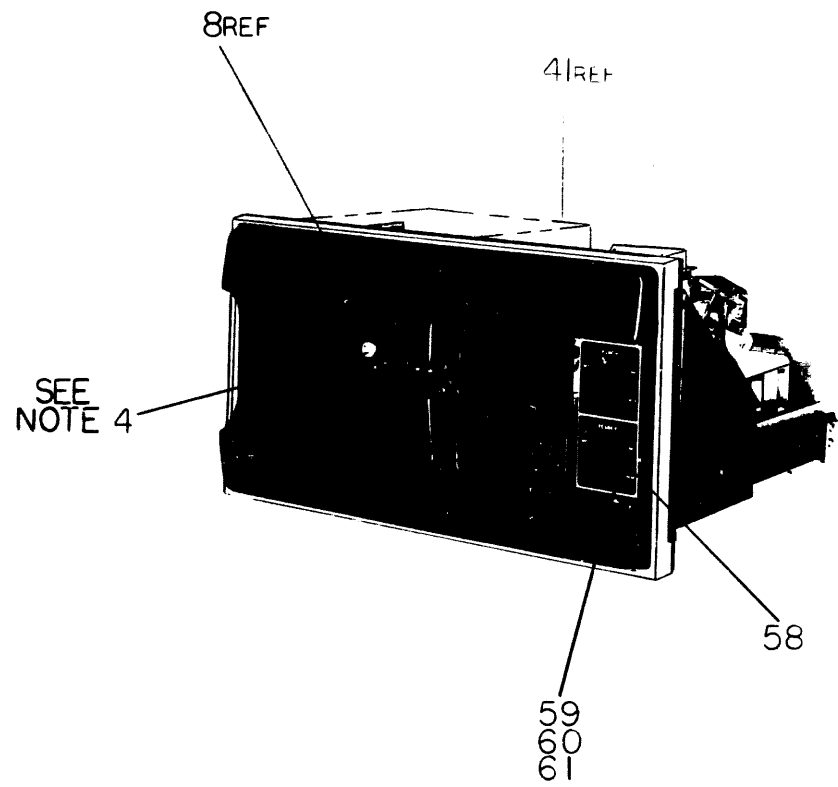
This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied in whole or in part as the basis for the manufacture or sale of items without written permission.

MECHANICAL			DEPT USAGE			MECHANICAL			DEPT USAGE			MECHANICAL			DEPT USAGE			ELECTRICAL			DEPT USAGE		
FIND NO	DESCRIPTION	PART NO	PROD	CUST	F/C	FIND NO	DESCRIPTION	PART NO	PROD	CUST	F/C	FIND NO	DESCRIPTION	PART NO	PROD	CUST	F/C	FIND NO	DESCRIPTION	PART NO	PROD	CUST	F/C
1	PC04- READER & PUNCH	D-UA-PC04-0-0				4	PHOTO TRANSISTOR ASSY TEST SCHEMATIC TEST PROCEDURE	C-1A-7006267-0-0 D-CS-7406267-T-1 A-SP-7406267-T-2				16	SWITCH ASSY SWITCH ASSY SWITCH ASSY SWITCH ASSY (PL) BAR SPACER SW. BD.	C-AD-5408325-0-0 C-AD-5408310-3-0 C-AD-5408310-4-0 A-PL-5408310-0-0 B-WD-7407175-0-0				1	PAPER TAPE READER PC04-READER & PUNCH PC04-C-READER & PUNCH & DRIVER PC04-CA-READER & PUNCH & DRIVER PC04-E-PUNCH PC04-PA-PUNCH	A-ML-PC04-0-0 A-ML-PC04-0-0 A-ML-PC04-0-0 A-ML-PC04-0-0 A-ML-PC04-0-0			
	PC04- READER & PUNCH (PL)	A-PL-PC04-0-0				5	PHOTO TRANSISTOR BD ASSY	D-1A-5409227-0-0				17	PC0 SWITCH BOARD FLIP CHIP MODULE PR SWITCH BOARD	D-1A-5008309-0-0 D-WD-1402230-0-0 D-1A-5008934-0-0				19	POWER AND CONTROL SCHEMATIC DIAGRAM	D-BS-PC04-0-2 C-MU-PC04-0-3			
	CHAD BOX	B-WD-7405300-0-0				6						18	PC04 BUS BAR MTG. BAR (8 IN.)	E-AD-7006268-0-0 B-1A-7407077-0-0				20	MODULE UTILIZATION MODULE UTILIZATION (PL) ENGINEERING SPECS	A-PL-PC04-0-4 A-SP-PC04-0-5 K-WL-PC04-0-6 K-WL-PC04-0-7			
	TAPE CONTAINER	D-WD-7407131-0-0				7	CHASSIS & POWER SUPPLY ASSY CHASSIS & POWER SUPPLY (PL) PANEL FRONT	D-AD-7006246-0-0 A-PL-7006246-0-0 D-1A-7407075-0-0				19	PACKAGING INSTRUCTION OUTER SHIPPING CARTON INNER SHIPPING CARTON BOTTOM PAD	A-PI-3700024-0-0 A-PS-9905046-0-0 A-PS-9905047-0-0				21	WIRELIST	A-PS-9905053-0-0 A-PS-9905054-0-0 A-PS-9905055-0-0 A-PS-9905052-0-0 A-PS-9905056-0-0 A-PS-9905044-1-0 A-PS-9905129-7-0			
	I/O CABLE ASSY	C-1A-7006261-0-0				8	BRKT MTG BAR RIGHT HAND BRKT, MTG BAR LEFT HAND CHASSIS COVER, JONES STRIP HARNESS, CONTROL HARNESS I/O 110 VAC	C-IA-7407065-1-0 C-IA-7407065-2-0 E-1A-7407074-0-0 C-MD-5309640-0-0 D-1A-7006311-0-0 D-1A-7336310-0-0				20	FRONT SPACER SIDE SPACER REAR SUPPORT TOP SPACER TORO PAD POLY BAG	A-PS-9905054-0-0 A-PS-9905055-0-0 A-PS-9905052-0-0 A-PS-9905056-0-0 A-PS-9905044-1-0 A-PS-9905129-7-0				7	CHASSIS & POWER SUPPLY ASSY	D-AD-7006246-0-0			
	PC04-PA PUNCH	D-UA-PC04-PA-0				9	PWR REGULATOR ASSY PWR REGULATOR (PL) HEATSINK, PWR REGULATOR	C-AD-7006242-0-0 A-PL-7006242-0-0 C-WD-7407089-0-0				8	PACKAGING INSTRUCTION TAPELESS CARTON SPECIAL DIE CUT ONE PIECE FOLDER QUAD MODULAR BOOK PACK POLY BAG	A-PI-3700123-0-0 A-PS-9905348-00-0 A-PS-9905348-01-0 A-PS-9905348-02-0 A-PS-9905072-0-0 A-PS-9905129-7-0				9	POWER REG BD C.S.	B-CS-5408308-0-0			
	BRKT RESISTOR	C-MD-7408091-0-0				10	ETCH BOARD	D-1A-5008919-0-0				9	SCR DRIVER ASSY SCR DRIVER CHASSIS	C-AD-5408385-0-0 C-1A-7407070-0-0				10	SCR DRIVER ASSY	C-AD-5408385-0-0			
	SCR MODULE RETAINER	C-1A-7405642-0-0				11	SCR DRIVER ASSY SCR DRIVER CHASSIS	C-AD-5408385-0-0 C-1A-7407070-0-0				11	TERMINAL BOARD	C-1A-5003717-0-0				11	PRINTED CIRCUIT 023	PC-5403770-0-1			
	HOLD DOWN BAR	C-1A-7408339-0-0				12	TERMINAL BOARD	C-1A-5003717-0-0				12	COVER ASSEMBLY COVER ASSEMBLY COVER ASSEMBLY COVER ASSEMBLY COVER ASSEMBLY (PL) COVER, PCD (BASIC & COMB.) COVER, PCD (PUNCH) COVER, PCD (READER)	D-AD-7006252-1-0 D-AD-7006252-2-0 D-AD-7006252-3-0 D-AD-7006252-4-0 A-PL-7006252-0-0 E-SC-1209386-1-0 E-SC-1209386-3-0 E-SC-1209386-5-0 C-MD-7407089-0-0 E-SC-1209225-0-0				12	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1			
	PACKAGING INSTRUCTIONS	A-PI-3700024-0-0				13	COVER ASSEMBLY COVER ASSEMBLY COVER ASSEMBLY COVER ASSEMBLY COVER ASSEMBLY (PL) COVER, PCD (BASIC & COMB.) COVER, PCD (PUNCH) COVER, PCD (READER)	D-AD-7006252-1-0 D-AD-7006252-2-0 D-AD-7006252-3-0 D-AD-7006252-4-0 A-PL-7006252-0-0 E-SC-1209386-1-0 E-SC-1209386-3-0 E-SC-1209386-5-0 C-MD-7407089-0-0 E-SC-1209225-0-0				13	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				13	ACCESSORY LIST	A-AL-PC04-0-08			
	PC0 READER & PUNCH	D-AD-7006248-1-0				14	COVER ASSEMBLY COVER ASSEMBLY COVER ASSEMBLY COVER ASSEMBLY COVER ASSEMBLY (PL) COVER, PCD (BASIC & COMB.) COVER, PCD (PUNCH) COVER, PCD (READER)	D-AD-7006248-1-0 D-AD-7006248-2-0 A-PL-7006248-0-0 B-WD-7407386-0-0 D-1A-7407071-0-0 B-WD-7407083-0-0 D-AD-7408098-0-0 D-1A-7408171-0-0 D-SC-1209385-0-0 B-WD-7408172-0-0 B-WD-7408089-1-0 B-WD-7408089-2-0				14	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				14	ACCESSORY LIST	A-AL-PC04-0-08			
	PUNCH ASSY (80CY)	D-AD-7006248-1-0				15	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				15	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				15	ACCESSORY LIST	A-AL-PC04-0-08			
	PUNCH ASSY (50CY)	D-AD-7006248-2-0				16	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				16	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				16	ACCESSORY LIST	A-AL-PC04-0-08			
	PUNCH ASSY (PL)	A-PL-7006248-0-0				17	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				17	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				17	ACCESSORY LIST	A-AL-PC04-0-08			
	CHAD TUBE	B-WD-7407386-0-0				18	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				18	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				18	ACCESSORY LIST	A-AL-PC04-0-08			
	PUNCH MTG CHASSIS	D-1A-7407071-0-0				19	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				19	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				19	ACCESSORY LIST	A-AL-PC04-0-08			
	HINSE	B-WD-7407083-0-0				20	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				20	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				20	ACCESSORY LIST	A-AL-PC04-0-08			
	BRKT FEED	D-AD-7408098-0-0				21	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				21	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				21	ACCESSORY LIST	A-AL-PC04-0-08			
	TAPE CHUTE	D-1A-7408171-0-0				22	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				22	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				22	ACCESSORY LIST	A-AL-PC04-0-08			
	TAPE DEPRESSOR	D-SC-1209385-0-0				23	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				23	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				23	ACCESSORY LIST	A-AL-PC04-0-08			
	PIN	B-WD-7408172-0-0				24	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				24	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				24	ACCESSORY LIST	A-AL-PC04-0-08			
	PULLY (80CY)	B-WD-7408089-1-0				25	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				25	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				25	ACCESSORY LIST	A-AL-PC04-0-08			
	PULLY (50CY)	B-WD-7408089-2-0				26	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				26	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				26	ACCESSORY LIST	A-AL-PC04-0-08			
	TORSION SPRING	C-SC-1209924-0-0				27	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				27	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				27	ACCESSORY LIST	A-AL-PC04-0-08			
	READER ASSY	D-AD-7006247-0-0				28	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				28	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				28	ACCESSORY LIST	A-AL-PC04-0-08			
	READER ASSY (PL)	A-PL-7006247-0-0				29	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				29	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				29	ACCESSORY LIST	A-AL-PC04-0-08			
	TAPE PATH GUIDE	D-WD-7407076-0-0				30	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-7407134-1-1 C-1A-7407134-2-0 A-SS-7407134-2-1 C-1A-7407134-3-0 A-SS-7407134-3-1 C-1A-7407134-4-0 A-SS-7407134-4-1				30	BEZEL SWITCH SILK SCREEN	C-1A-7407134-1-0 A-SS-74									

Dimensions and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part without the prior written permission of Digital Equipment Corporation.

LEGEND		
MODEL	CY	VARIATION COMPOSITION
PC04 - B, BB, & BI	60	READER & PUNCH
PC04 - BA, BC, BM	50	HEADER & PUNCH
PC04 - C	60	READER, PUNCH & SCR
PC04 - CA	50	READER, PUNCH & SCR
PC04 - P & PL	60	PUNCH
PC04 - PA & PV	50	PUNCH
PC04 - R & RB	50/60	READER

- NOTES:**
1. WIRING OF SWITCHES VARIES DEPENDING ON UNIT MODEL BEING BUILT. FOR SWITCH CONFIGURATION, FOR WIRING PURPOSES SEE: DETAIL "A" FOR MODEL "B" PARTIAL & L&FM DETAIL "B" FOR MODEL "C" PARTIAL & L&FM DETAIL "C" FOR MODEL "CA" PARTIAL & L&FM DETAIL "D" FOR MODEL "PA" & "PV". 50/60 CY HAS NO EFFECT.
 2. IF THE SCR DRIVER UNIT IS USED, THIS WIRE WILL CONNECT TO SCR DRIVER UNIT, NOT TO 6. FOR CORRECT WIRING WHEN UNIT IS USED, SEE SCR DRIVER WIRE LIST (SHEET 3).
 3. REMOVE CLAMP FROM CHASSIS, PLACE CABLE IN POSITION, THEN REINSTALL CLAMP IN POSITION OVER CABLE.
 4. COVER ASSY TO BE ATTACHED TO CHASSIS ASSY AFTER ALL OTHER INSTALLATIONS ARE COMPLETE. TO DO SO, READER KNOB MUST BE REMOVED, COVER INSTALLED, THEN KNOB REPLACED ON READER SHAFT.
 5. ON MODELS P AND PA THIS WIRE WILL BE TIED BACK AND WHITE SHRINKABLE TUBING (ITEM 45) REQD.
 6. ON ALL MODELS ALL UNUSED WIRES SHOULD BE CONNECTED TO THE II. APPROPRIATE TABS.
 7. DO NOT HOLD DOWN WIRE TO BE INSTALLED BEFORE SHIPPING MACHINE.



REV.	CHANGE NO.	BY	DATE
1	00006	BECKNER	12-18-67
2	00007	BECKNER	12-18-67
3	00008	BECKNER	12-18-67
4	00009	BECKNER	12-18-67
5	00010	ADLEMAN	1-22-70
6	00011	ADLEMAN	1-22-70
7	00012	ADLEMAN	1-22-70
8	00013	ADLEMAN	1-22-70
9	00014	ADLEMAN	1-22-70
10	00015	ADLEMAN	1-22-70
11	00016	ADLEMAN	1-22-70
12	00017	ADLEMAN	1-22-70
13	00018	ADLEMAN	1-22-70
14	00019	ADLEMAN	1-22-70
15	00020	ADLEMAN	1-22-70
16	00021	ADLEMAN	1-22-70
17	00022	ADLEMAN	1-22-70
18	00023	ADLEMAN	1-22-70
19	00024	ADLEMAN	1-22-70
20	00025	ADLEMAN	1-22-70
21	00026	ADLEMAN	1-22-70
22	00027	ADLEMAN	1-22-70
23	00028	ADLEMAN	1-22-70
24	00029	ADLEMAN	1-22-70
25	00030	ADLEMAN	1-22-70
26	00031	ADLEMAN	1-22-70
27	00032	ADLEMAN	1-22-70
28	00033	ADLEMAN	1-22-70
29	00034	ADLEMAN	1-22-70
30	00035	ADLEMAN	1-22-70
31	00036	ADLEMAN	1-22-70
32	00037	ADLEMAN	1-22-70
33	00038	ADLEMAN	1-22-70
34	00039	ADLEMAN	1-22-70
35	00040	ADLEMAN	1-22-70
36	00041	ADLEMAN	1-22-70
37	00042	ADLEMAN	1-22-70
38	00043	ADLEMAN	1-22-70
39	00044	ADLEMAN	1-22-70
40	00045	ADLEMAN	1-22-70
41	00046	ADLEMAN	1-22-70
42	00047	ADLEMAN	1-22-70
43	00048	ADLEMAN	1-22-70
44	00049	ADLEMAN	1-22-70
45	00050	ADLEMAN	1-22-70
46	00051	ADLEMAN	1-22-70
47	00052	ADLEMAN	1-22-70
48	00053	ADLEMAN	1-22-70
49	00054	ADLEMAN	1-22-70
50	00055	ADLEMAN	1-22-70
51	00056	ADLEMAN	1-22-70
52	00057	ADLEMAN	1-22-70
53	00058	ADLEMAN	1-22-70
54	00059	ADLEMAN	1-22-70
55	00060	ADLEMAN	1-22-70
56	00061	ADLEMAN	1-22-70
57	00062	ADLEMAN	1-22-70
58	00063	ADLEMAN	1-22-70
59	00064	ADLEMAN	1-22-70
60	00065	ADLEMAN	1-22-70
61	00066	ADLEMAN	1-22-70
62	00067	ADLEMAN	1-22-70
63	00068	ADLEMAN	1-22-70
64	00069	ADLEMAN	1-22-70
65	00070	ADLEMAN	1-22-70
66	00071	ADLEMAN	1-22-70
67	00072	ADLEMAN	1-22-70
68	00073	ADLEMAN	1-22-70
69	00074	ADLEMAN	1-22-70
70	00075	ADLEMAN	1-22-70
71	00076	ADLEMAN	1-22-70
72	00077	ADLEMAN	1-22-70
73	00078	ADLEMAN	1-22-70
74	00079	ADLEMAN	1-22-70
75	00080	ADLEMAN	1-22-70
76	00081	ADLEMAN	1-22-70
77	00082	ADLEMAN	1-22-70
78	00083	ADLEMAN	1-22-70
79	00084	ADLEMAN	1-22-70
80	00085	ADLEMAN	1-22-70
81	00086	ADLEMAN	1-22-70
82	00087	ADLEMAN	1-22-70
83	00088	ADLEMAN	1-22-70
84	00089	ADLEMAN	1-22-70
85	00090	ADLEMAN	1-22-70
86	00091	ADLEMAN	1-22-70
87	00092	ADLEMAN	1-22-70
88	00093	ADLEMAN	1-22-70
89	00094	ADLEMAN	1-22-70
90	00095	ADLEMAN	1-22-70
91	00096	ADLEMAN	1-22-70
92	00097	ADLEMAN	1-22-70
93	00098	ADLEMAN	1-22-70
94	00099	ADLEMAN	1-22-70
95	00100	ADLEMAN	1-22-70

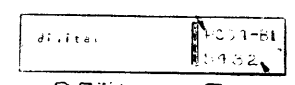
QUANTITY	DESCRIPTION	PART NO.	ITEM NO.
	PC04		
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			
DECIMALS	FRACTIONS	ANGLES	
± .005	± 1/64	± 0°30'	
FINISH SURFACE QUALITY			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
FINISH			
FIRST USED ON OPTION/MODEL			
PC04			
UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES			
TOLERANCES			

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

REV. 1-7-61
 NUMBER 3000
 SIZE CODE D
 2
 1

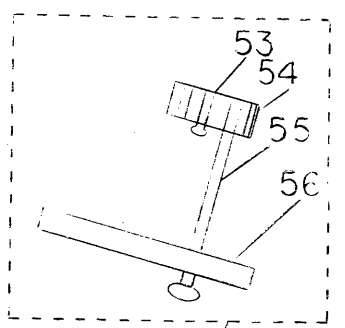
SEE NOTE 7

STAMP COMPLETE MODEL NO. HERE



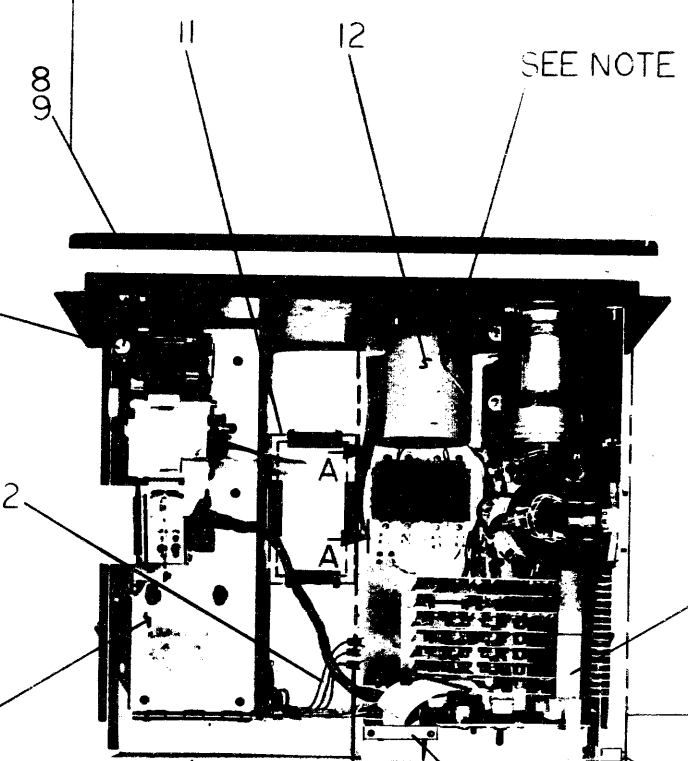
DETAIL F

STAMP SERIAL NO. HERE (ALL PC04 TYPE UNITS ARE SERIALIZED IN A SINGLE SEQUENCE).

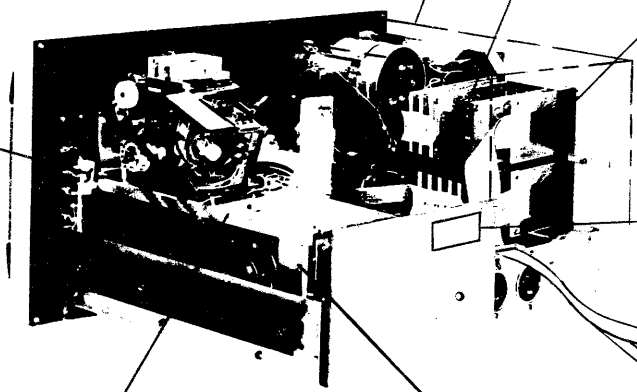


SFE NOTE 4

SEE NOTE 5



6 REF
 7 REF



SEE NOTE 2

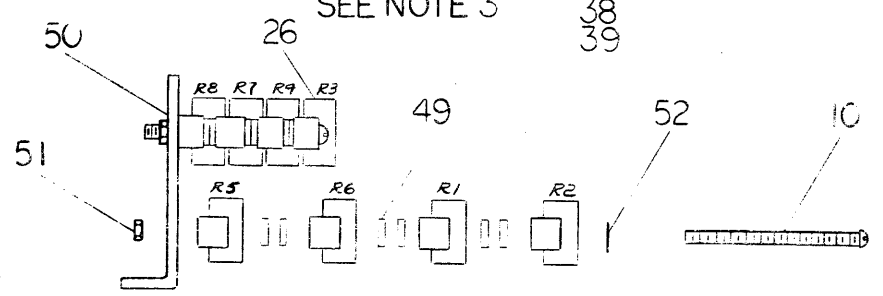
2
 3
 4
 42
 15
 43

13
 38
 40

41
 42
 43
 14
 15

SEE NOTE 3

37
 38
 39



VIEW A-A

REV.	
CHG	
REVISIONS	
CHANGE NO.	

DEC FORM NO.

8

7

6

5

4

3

2

1

FIRST USED ON OPTION / MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PC04				
UNLESS OTHERWISE SPECIFIED				
DRN. <i>Robert Hutchins</i>	DATE <i>4/26/61</i>	PARTS LIST		
CHK'D. <i>Stanley</i>	DATE <i>6/15/61</i>	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		
UNLESS OTHERWISE SPECIFIED				
DIMENSION IN INCHES				
TOLERANCES				
DECIMALS	FRACTIONS	ANGLES		
± .005	± 1/64	± 0°30'		
FINAL SURFACE QUALITY				
REMOVE BURRS AND BREAK SHARP CORNERS				
MATERIAL				
NEXT HIGHER ASSY				
A-ML-PC04-0				
FINISH				
SCALE NONE				
SHEET 2 OF 4				
TITLE		SIZE CODE	NUMBER	REV.
PC04 READER AND PUNCH		D	UA	F
DIST.				

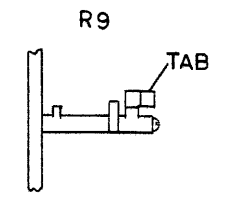
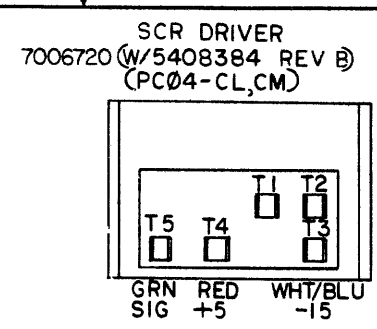
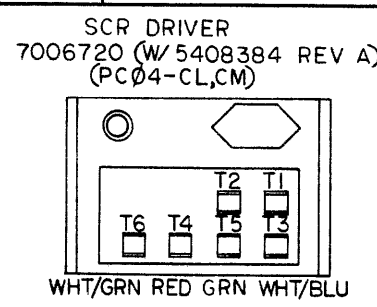
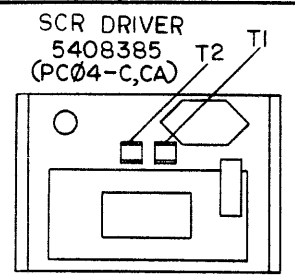
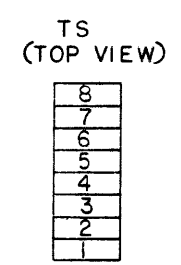
REV. F
 NUMBER DUA-PC04-0-0

B

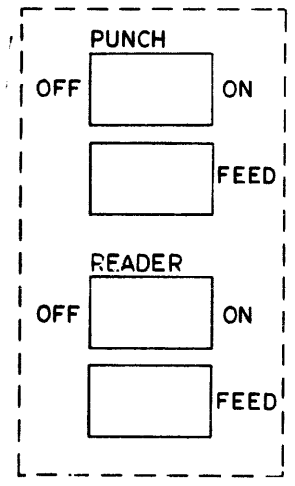
A

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied in whole or in part as the basis for the manufacture or sale of items without written permission.

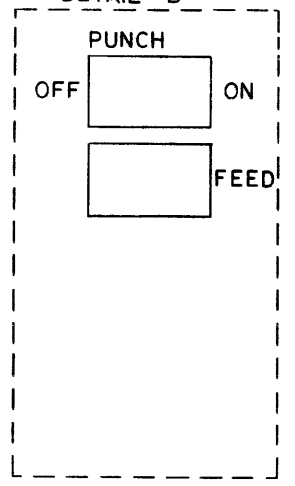
REV 133 0-0-4-0-0 2



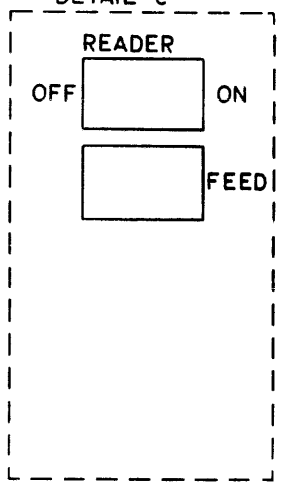
PC04-B,BA,BB,BC,BL,BM
5408310-4
DETAIL "A"



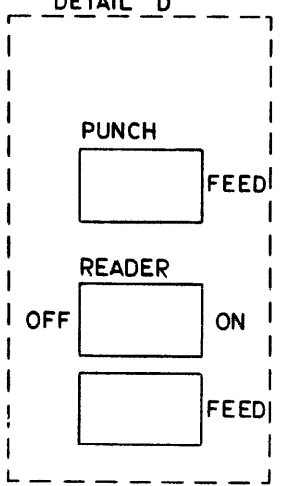
PC04-P,PA,PL,PM
5408935-0
DETAIL "B"



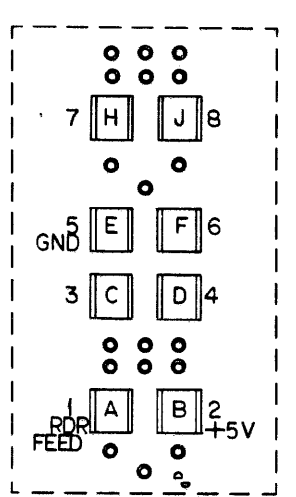
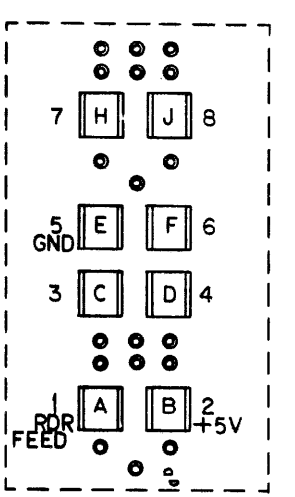
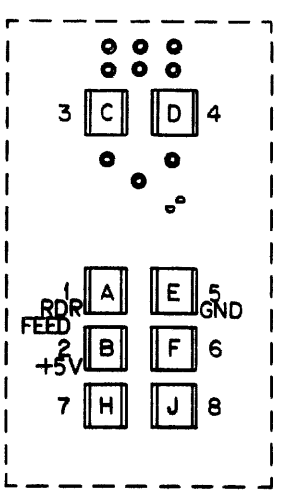
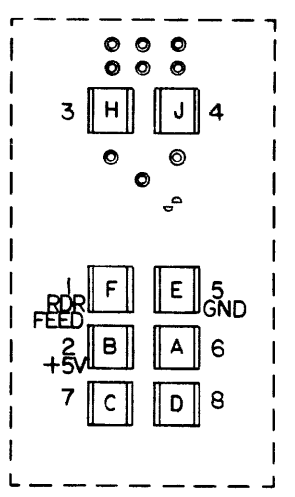
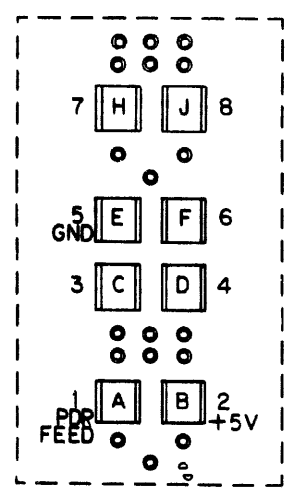
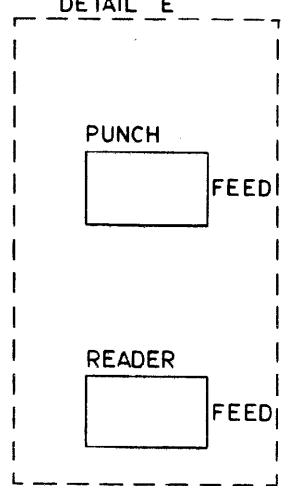
PC04-R,RB,RL
5408935-C
DETAIL "C"



PC04-C,CA
5408310-3
DETAIL "D"



PC04-CL,CM
5408310-5
DETAIL "E"



REV	
CHANGE NO	
CHK	

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO	ITEM NO
PC04				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES	DRN. B. HUTNAK	DATE 4-10-69		
DECIMALS .XXX = .005 .XX = .02 .X = .1	CHK'D R. CARVELLI	DATE 6-5-69		
ANGLES ±0° 30'	ENG. G. BECKNER	DATE 6-6-69	TITLE PC04 READER & PUNCH (SW & TERM LOCATIONS)	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	PROJ. ENG. G. BECKNER	DATE 6-6-69		
MATERIAL	PROD. B. ANTONUCCIO	DATE 6-6-69	SIZE CODE	NUMBER
FINISH			DUA	PC04-0-0
	NEXT HIGHER ASSY.		SCALE	REV
	A-ML-PC04-0		3 OF 4	F
	SHEET		DIST.	

REV 133 0-0-4-0-0

B

A

This drawing and specifications herein are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

CONNECTIONS IF NO SCR DRIVER ASSY

COLOR/AWG	WIRE	CONNECTION	REMARKS
RED #18	*9	TS - 6	
BLK & YEL BLK & WHT	PUNCH MOTOR	TS - 6	IF PUNCH PRESENT
RED #18	*7	SW BOARD - "H"	SEE DETAIL "A" OR "B" OR "C"

**CONNECTIONS FOR 5408385
SCR DRIVER ASSY**

COLOR/AWG	WIRE	CONNECTION	REMARKS
RED #18	*9	SCR - T1	
BLK & YEL BLK & WHT	PUNCH MOTOR	SCR - T2	
RED #18	*7	SW BOARD - "J"	SEE DETAIL "D"
WHT/BLU #22	SCR LEAD	A07B	
WHT/GRN #22	SCR LEAD	B01B	

**CONNECTIONS FOR 7006520
SCR DRIVER ASSY**

COLOR/AWG	WIRE	CONNECTION	REMARKS
RED #18	*9	SCR T1	
BLK & YEL BLK & WHT	PUNCH MOTOR	SCR T2	
RED #18	*7	SW BOARD - "J"	SEE DETAIL "E"
WHT/BLU #22	SCR LEAD	A07B	
WHT/GRN #22	SCR LEAD	A07C	NOT USED ON 5408385 REV B
RED #22	SCR LEAD	A07A	
GRN #22	SCR LEAD	B01F	

PUNCH CONNECTIONS

COLOR	WIRE	CONNECTION	REMARKS
WHT #22	PUNCH CAP	TS - 7	
PLUG PUNCH DATA CABLE (W023) INTO SLOT B02			

CONNECTIONS IF NO READER

COLOR/AWG	WIRE	CONNECTION	REMARKS
GRY/RED #18	*7	-	SLEEVE WITH ITEM # 45 & TIE BACK

READER CONNECTIONS

COLOR/AWG	WIRE	CONNECTION	REMARKS
GRY/RED #18	*7	R9 TAB	LAMP RESISTOR
WHT/RED	READER MOTOR	TS - 1	
RED	READER MOTOR	TS - 2	
WHT/GRN	READER MOTOR	TS - 3	
GRN	READER MOTOR	TS - 4	
WHT & BLK	READER MOTOR	TS - 5	

PLUG READER PHOTOCELL CABLE
(W077) INTO SLOT B08

READER WIRING

ITEM NO	COLOR/AWG	FROM	USING ITEM NO.	TO	USING ITEM NO.
29	WHT/VIO #22	R1 & R2	-	TS - 1	28
30	WHT/YEL #22	R3 & R4	-	TS - 2	28
31	WHT/ORN #22	R5 & R6	-	TS - 3	28
32	WHT/BRN #22	R7 & R8	-	TS - 4	28
33	VIO #22	R1	-	B06R	-
33	VIO #22	R2	-	B06S	-
34	YEL #22	R3	-	B05R	-
34	YEL #22	R4	-	B05S	-
35	ORN #22	R5	-	B04R	-
35	ORN #22	R6	-	B04S	-
36	BRN #22	R7	-	B03R	-
36	BRN #22	R8	-	B03S	-

SEE VIEW "A-A" ON SHEET 2 FOR IDENTIFICATION OF R1 THRU R8

WIRING ON PC04-BB, -BC, AND -RB ONLY

ITEM NO	COLOR/AWG	FROM	TO
57	GRN #24	A08H	A08F

COMMON CONNECTIONS

COLOR/AWG	WIRE	CONNECTION	REMARK
BLK #18	*27	GND LUG	LOGIC GND
GRY/YEL #18	*29	A0BB	-15V
BLU #18	*31	B02D	-30V
BLK #18	*28	GND LUG	LOGIC GND
GRY/RED #18	*30	A0BA	+5V
GRN #18	*32	B06V	-18V
YEL #22	*1	SW BOARD - "A"	SEE DETAILS "A" THRU "E" FOR LOCATION.
WHT/BLK #22	*2	SW BOARD - "B"	
WHT/YEL #22	*3	SW BOARD - "C"	
BRN #22	*4	SW BOARD - "D"	
BLK #22	*5	SW BOARD - "E"	
WHT #22	*6	SW BOARD - "F"	
RED #18	*8	SW BOARD - "J"	
YEL #22	*11	A01V	
WHT/BLK #22	*12	B07A	+5V
WHT/YEL #22	*13	A08F	
BLK #22	*15	B08C	
WHT #22	*16	B02U	

CONNECTION ON 7006268-0
LOGIC BLOCK (PC04-B, -BA, -BB, BC,
-C, -CA, -P, -PA, -R -RB)

COLOR/AWG	WIRE	CONNECTION
BRN #22	*14	A02B

CONNECTION ON 7006268-1
AND -2 LOGIC BLOCK
(PC04-BL, -BM, -CL, -CM, -PL, -PM, -RL)

COLOR/AWG	WIRE	CONNECTION
BRN #22	*14	A01B

NOTE: SEE SHEET 3 FOR TERMINAL
IDENTIFICATION DIAGRAMS.

FIRST USED ON OPTION/MODEL PC04-0	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES	DRN. B. HUTNAK	DATE 4-10-69	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS	
DECIMALS .XXX - .005 XX - .02 X - .1	CHK'D R. CARVELLI	DATE 6-5-69	TITLE PC04 READER & PUNCH (WIRING)	
ANGLES ±0° 30'	ENG. GEO. BECKNER	DATE 6-6-69	SIZE CODE DUA PC04-0-0	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓	PROJ. ENG. GEO. BECKNER	DATE 6-6-69	NUMBER P	
MATERIAL + / +	PROD. BY ANTONUCCIO	DATE 6-6-69	SCALE SHEET 4 OF 4	
FINISH + / +	NEXT HIGHER ASSY. A-ML-PC04	DIST.		

REVISIONS	REV
CHANGE NO.	
CHK	

3FC FORM NO
TRD 100-A

REV P
NUMBER
DUA PC04-0-0

B

A

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

ITEM NO.	DWG. NO. / PART NO.	DESCRIPTION	QUANTITY / VARIATION															
			PC04-BL	PC04-BA	PC04-BL	PC04-BM	PC04-C	PC04-CA	PC04-CL	PC04-CM	PC04-P	PC04-PA	PC04-PL	PC04-PM	PC04-R	PC04-RL		
1	D-AD-7006246-0-0	CHASSIS AND POWER SUPPLY ASSY	1	1	1	1	1	1	1	1	1	1	1	1	1			
2	D-AD-7006248-1-0	PUNCH ASSY (60 HZ)	1	-	1	-	1	-	1	-	1	-	1	-	1			
2	D-AD-7006248-2-0	PUNCH ASSY (50 HZ)	-	1	-	1	-	1	-	1	-	1	-	1				
3	9006021-1	SCR, PHL PAN HD 6-32 X 5/16 LG SST	6	6	6	6	6	6	6	6	6	6	6	6	6			
4	9006560	NUT, KEPS 6-32 X 5/16 X 5/32	2	2	2	2	2	2	2	2	2	2	2	2	2			
5	9006020-1	SCR, PHL PAN HD 10-32 X 5/16 LG SST	2	2	2	2	2	2	2	2	2	2	2	2	2			
6	1100106	THYRISTOR GRS20SP4B4	1	1	1	1	-	-	-	-	1	1	1	1	-			
7	9107278-3	18 AWG TEF TUBING RED	A	RA	RA	RA	R	-	-	-	-	A	RA	RA	RA	R	-	-
8	D-AD-7006252-1-0	COVER ASSY (PUNCH & READER)	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-
8	D-AD-7006252-2-0	COVER ASSY (PUNCH)	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-
8	D-AD-7006252-3-0	COVER ASSY (READER)	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
8	D-AD-7006252-4-0	COVER ASSY (PUNCH, READER & SCR)	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
8	D-AD-7006252-6-0	COVER ASSY (READER, PUNCH & SCR)	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
9	9006042-2	SCR, PHL FLAT HD 8-32 X 1 LG SST	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10	9006083-1	SCR, PHL PAN HD 10-32 X 2 1/2 LG SST	4	4	4	4	4	4	4	4	-	-	-	-	4	4	-	-
11	C-MD-745300-0-0	CHAD BOX	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	-
12	D-AD-7006247-0-0	READER ASSY	1	1	1	1	1	1	1	1	-	-	-	1	1	-	-	-
13	E-AD-7006268-0-0	WIRED ASSY, PC04	1	1	-	-	1	1	-	-	1	1	-	1	-	-	-	-
13	E-AD-7006268-1-0	WIRED ASSY, PC04	-	-	1	1	-	-	-	-	-	1	1	-	1	-	-	-
13	E-AD-7006268-2-0	WIRED ASSY, PC04	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
14	9006022-1	SCR, PHL PAN HD 6-32 X 3/8 LG SST	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	9006033	WASHER, INT TOOTH #6	15	15	15	15	17	17	17	17	11	11	11	11	13	13	-	-
16	C-AD-5408385-0-0	SCR DRIVER ASSY	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
16	C-AD-7006520-0-0	SCR DRIVER ASSY	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
17	9006026-1	SCR, PHL PAN HD 6-32 X 3/4 LG SST	-	-	-	-	2	2	2	2	-	-	-	-	-	-	-	-
18	9006801	HEX SPACER, 1/4" X 3/8 LG #6 HOLE	-	-	-	-	2	2	2	2	-	-	-	-	-	-	-	-
19	C-IA-7006281-0-0	I/O CABLE, PC04 (W033 TO W077)	2	2	-	-	2	2	2	2	1	1	-	1	1	-	-	-
19	D-IA-7407067-1-0	CABLE CONNECTOR M926 TO W033 S	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
19	D-IA-7006145-1-0	CABLE CONN (PUNCH) M926 TO W033	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-
19	D-IA-7407067-3-0	CABLE CONNECTOR M926 TO W033 S	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
20	C-AD-5408310-4-0	SWITCH ASSY	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-
20	C-AD-5408935-0-0	SWITCH ASSY	-	-	-	-	-	-	-	1	1	1	1	1	1	1	-	-
20	C-AD-5408310-3-0	SWITCH ASSY	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
20	C-AD-5408310-5-0	SWITCH ASSY	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
21	D-MD-7407131-0-0	TAPE CONTAINER	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	-
22	9006011-2	SCR, PHL FLAT HD 4-40 X 3/8 LG SST	2	2	2	2	2	2	2	2	2	2	2	2	-	-	-	-
23	9006556	NUT, HEX 4-40 X 1/2 X 1/16 SST	2	2	2	2	2	2	2	2	2	2	2	2	-	-	-	-
24	9006632	WASHER, INT TOOTH #4	2	2	2	2	2	2	2	2	2	2	2	2	-	-	-	-
25	9006635	WASHER, INT TOOTH #4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1309896	RES, 25 OHM ±5% 40 W	8	8	8	8	8	8	8	8	-	-	-	8	8	-	-	-
27	9107360-10	10 AWG STRD TEFLOX WHT	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	9007917	SOLDERLESS CONN 18-22 AWG .250 TAB	4	4	4	4	4	4	4	4	4	-	-	-	4	4	-	-
29	9107400-97	WIRE, 22 AWG STRD TEFLOX WHT/VIO TRACER	A	RA	RA	RA	R	A	RA	RA	RA	R	-	-	-	A	R	A

CHK	CHANGE NO.	REV.
	PC04-00053	M
	REVISED REDRAWN	
	CH-Review 12-13-71	
	A-KENT	
	Allen Kent 4 Jan 72	
	PC04-00057	N
	Review 20 Feb 72	
	A. WILLIAMS	
	William 3/27/73	
	PC04-00059	P
	Review 5-28-74	
	A. WILLIAMS	
	J.R. C. 6/1/74	

FIRST USED ON OPTION/MODEL
PC04 (ALL)

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

MATERIAL
+-----+

FINISH
+-----+

DRN. R. HUTNAK
CHK'D. R. CARVELLI
ENG. GEO. BECKNER
PROJ. ENG. GEO. BECKNER
PROD. R. ANTONUCCIO

DATE 4-10-69
DATE 6-5-69
DATE 6-6-69
DATE 6-6-69
DATE 6-6-69

NEXT HIGHER ASSY.
D-UA-PC04-0-0

SCALE +-----+
SHEET 1 OF 2

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE
PC04 READER AND PUNCH

SIZE CODE C PL PC04-0-0
NUMBER 0
REV. P

DIST.

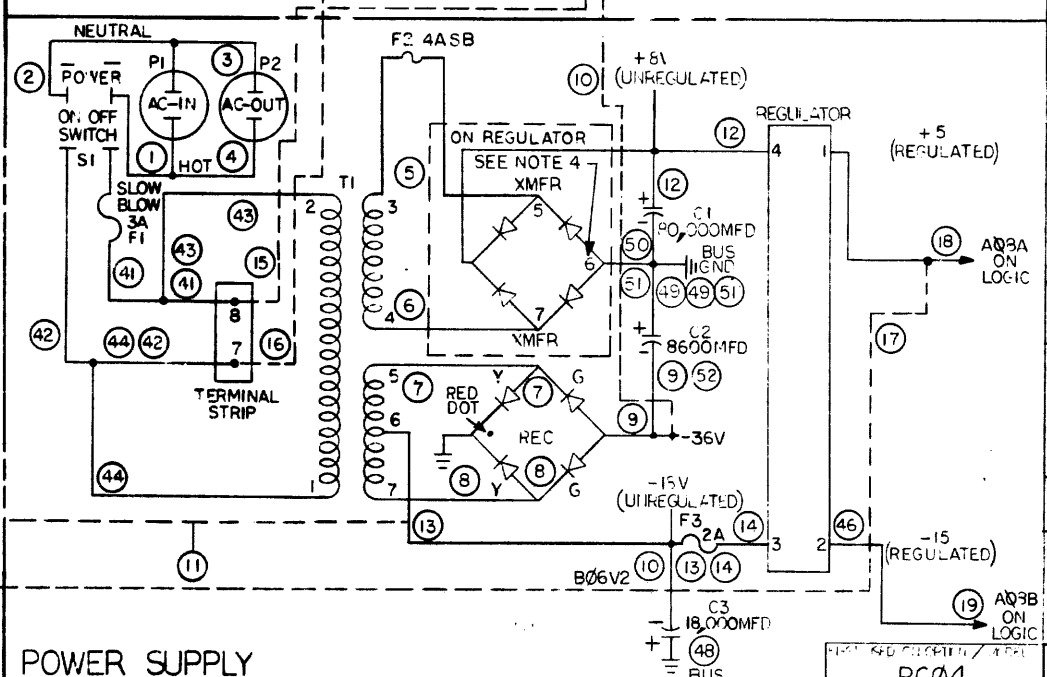
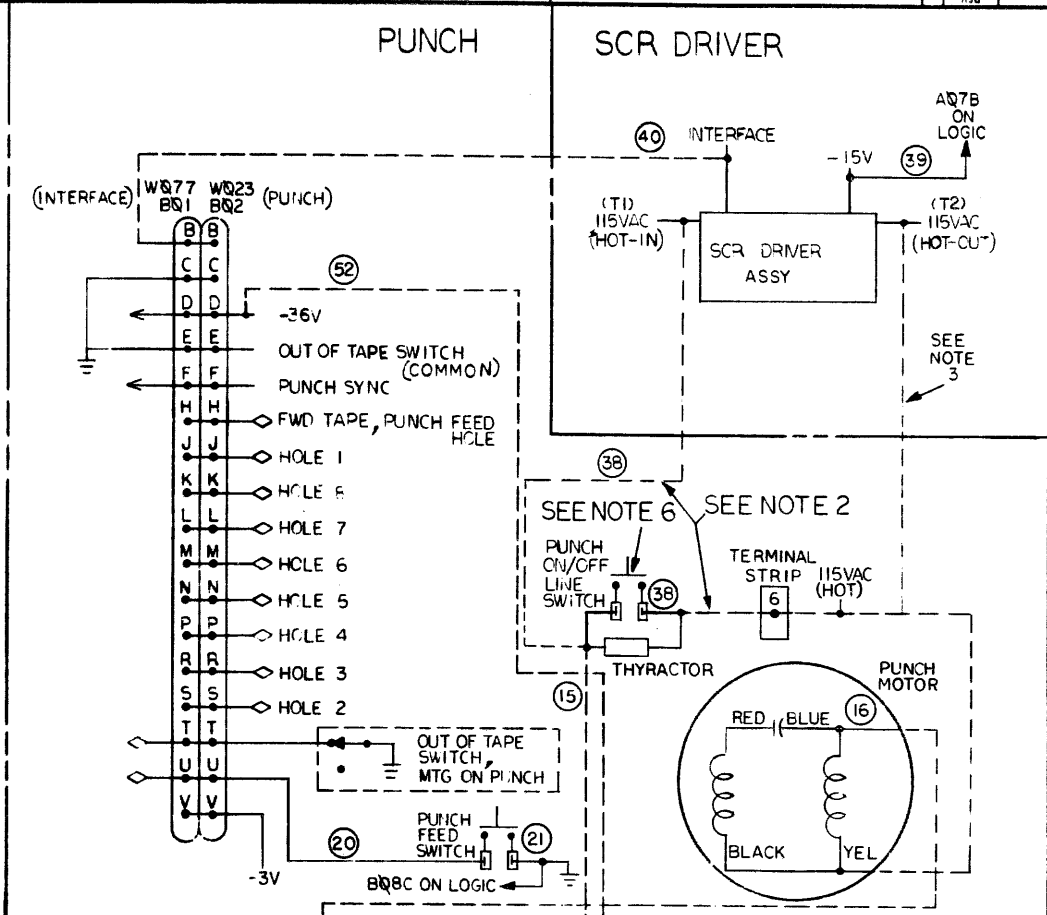
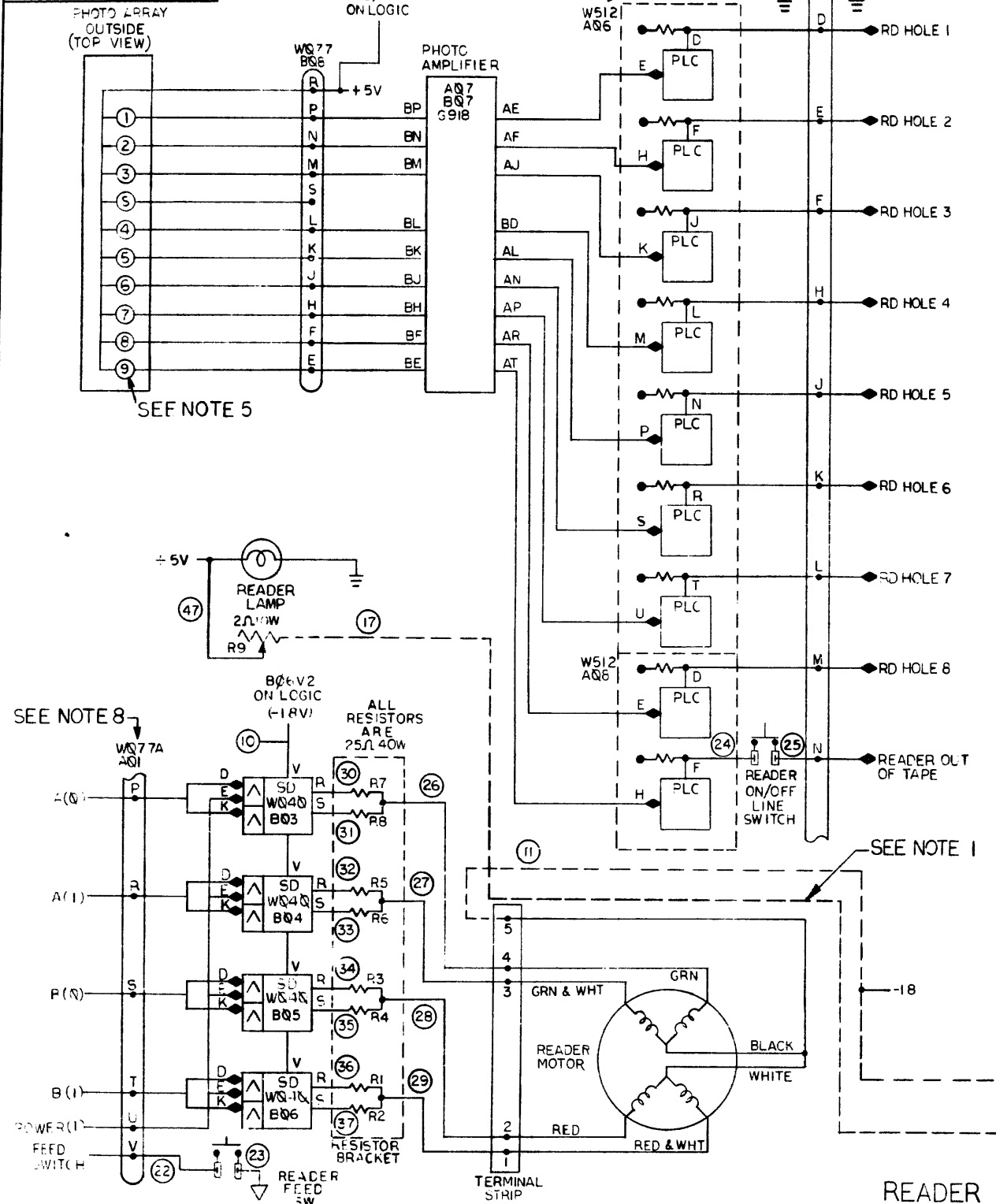
REV. P
NUMBER 0
SIZE CODE C PL PC04-0-0

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

ITEM NO.	DWG. NO./PART NO.	DESCRIPTION	PCØ4															
			B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
30	9107400-94	WIRE, 22 AWG STRD TEFLON WHT/YEL TRACER	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	
31	9107400-93	WIRE, 22 AWG STRD TEFLON WHT/ORN TRACER	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	
32	9107400-91	WIRE, 22 AWG STRD TEFLON WHT/BRN TRACER	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	
33	9107350-77	WIRE, 22 AWG STRD TEFLON VIO	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	
34	9107350-44	WIRE, 22 AWG STRD TEFLON YEL	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	
35	9107350-33	WIRE, 22 AWG STRD TEFLON ORN	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	
36	9107350-11	WIRE, 22 AWG STRD TEFLON BRN	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	A/R	
37	9006043-1	SCR, PHL PAN HD 8-32 X 1 LG SST	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
38	9006634	WASHER, INT TOOTH #8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
39	9006823	HEX SPACER 3/8 X 3/4 LG #8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
40	9006037-1	SCR, PHL PAN HD 8-32 X 3/8 LG SST	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
41	E-IA-7407438-0-0	POWER SUPPLY COVER	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
42	9006024-1	SCR, PHL PAN HD 6-32 X 1/2 LG SST	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
43	9006653	WASHER, FLAT #6 SST	14	14	14	14	14	14	14	14	14	10	10	10	10	12	12	
44	9008141	DEC NAME PLATE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
45	9107275	SHRINKABLE TUBING WHITE	-	-	-	-	-	-	-	-	A/R	A/R	A/R	A/R	-	-	-	
46	9006360-1-0	BUS BAR PCØ4 (02)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
47	D-IA-7407067-1-0	I/O CABLE Assy. (02)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
48	7006145-1	I/O CABLE Assy. (01)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
49	9006664	WASHER, FLAT #10	24	24	24	24	24	24	24	24	24	-	-	-	24	24	-	
50	C-MD-7408091-0-0	BRK'T RESISTOR	1	1	1	1	1	1	1	1	-	-	-	-	1	1	-	
51	9006565	NUT, KEPS 10-32 X 3/8 X 3/16	4	4	4	4	4	4	4	4	-	-	-	-	4	4	-	
52	9006635	WASHER, INT TOOTH #10	4	4	4	4	4	4	4	4	-	-	-	-	4	4	-	
53	9007799-6	SCR, PHL FILLISTER HD 8-32 X 1.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
54	1209850	UNIVERSAL MODULE RETAINER	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
55	C-IA-7405642-0-0	SCR, MODULE RETAINER	1	1	1	1	1	1	1	1	-	-	1	1	1	1	-	
56	C-IA-7408339-7-0	HOLD DOWN BAR (6")	1	1	1	1	1	1	1	1	-	-	1	1	1	1	-	
57	9107470-55	WIRE, 24 AWG SOLID TEFLON GREEN	A/R	A/R	-	-	-	-	-	-	-	-	-	-	A/R	-	-	
58	C-IA-7407134-1-0	BEZEL SWITCH	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	
58	C-IA-7407134-2-0	BEZEL SWITCH	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	
58	C-IA-7407134-3-0	BEZEL SWITCH	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	
58	C-IA-7407134-4-0	BEZEL SWITCH	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	
58	C-IA-7407134-5-0	BEZEL SWITCH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
58	C-IA-7407134-6-0	BEZEL SWITCH	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
59	9006558	NUT HEX #6-32 SST	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
60	9006633	WASHER INT TOOTH LOCK #6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
61	9006656	WASHER FLAT	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
62	A-PI-3700024-0-0	PACKAGING INSTRUCTIONS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
63	A-PI-3700123-0-0	PACKAGING INSTRUCTIONS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

REV. CHG NO.	REV.	FIRST USED ON OPTION/MODEL PCØ4 (ALL)	UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES DECIMALS ± .005 FRACTIONS ± 1/64 ANGLES ± 0°30'	DRN. R. HUTNAK	DATE 4-10-69	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS
				CHK'D. R. CARVELL	DATE 6-5-69	
CHK	REV.	FIRST USED ON OPTION/MODEL PCØ4 (ALL)	UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES DECIMALS ± .005 FRACTIONS ± 1/64 ANGLES ± 0°30'	ENG. GEO. BECKNER	DATE 6-6-69	TITLE PCØ4 READER AND PUNCH
				PROJ. ENG. GEO. BECKNER	DATE 6-6-69	
REV.	CHG	FIRST USED ON OPTION/MODEL PCØ4 (ALL)	UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES DECIMALS ± .005 FRACTIONS ± 1/64 ANGLES ± 0°30'	PROD. R. ANTONUCCIO	DATE 6-6-69	SIZE CODE C PL PCØ4-Ø-Ø
				MATERIAL + +	NEXT HIGHER ASSY. D-UA-PCØ4-Ø-Ø	
REV.	CHG	FIRST USED ON OPTION/MODEL PCØ4 (ALL)	UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES DECIMALS ± .005 FRACTIONS ± 1/64 ANGLES ± 0°30'	FINISH + +	SCALE + +	REV. P
				SHEET 2 OF 2	DIST.	

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.



NOTES:

1. DOTTED LINES INDICATE POSSIBLE CONNECTIONS BETWEEN POWER SUPPLY, READER, PUNCH AND SCR DRIVER. SEE LEGEND.
2. WIRE NO. 38 HAS TWO POSSIBLE ROUTES. DEPENDING ON THE SCR DRIVER OPTION WITH THE OPTION IT GOES TO THE SCR BOARD. WITHOUT THE OPTION IT GOES TO THE TERMINAL STRIP.
3. WITH SCR DRIVER THE BLACK-YEL COMBINATION FROM THE PUNCH MOTOR GOES TO THE SCR BD. WITHOUT DRIVER IT GOES TO THE TERMINAL STRIP.
4. THE UNCIRCLED NUMBERS 1 THRU 7 REFER TO CONNECTIONS ON REGULATOR BOARD
5. THIS PHOTO TRANSISTOR USED TO DETECT OUT OF TAPE
6. WITH SCR OPTION SWITCHED AC WILL BE WIRED TO COMMON TERMINAL. THYRACTOR NOT RECD.
7. CIRCLED NUMBERS 1 THRU 46 ARE WIRE NUMBERS. SEE TABLE.
8. SEE PAGE 2 FOR MODELS BB, BC & RB. SEE PAGE 3 FOR MODELS BL, EM, PL & PM.

WIRE NO	COLOR	WIRE NO	COLOR
1	RED	24	WHITE-YELLOW
2	WHITE	25	BROWN
3	WHITE	26	WHITE-BROWN
4	RED	27	WHITE-ORANGE
5	ORANGE	28	WHITE-YELLOW
6	GRAY-BLUE	29	WHITE-VIOLET
7	GRAY-WHITE	30	BROWN
8	YELLOW	31	BROWN
9	BLUE	32	ORANGE
10	GRN	33	ORANGE
11	GRN	34	YELLOW
12	GRAY-VIOLET	35	YELLOW
13	GREEN	36	VIOLET
14	GREEN	37	VIOLET
15	RED	38	RED
16	WHITE	39	WHITE-BLUE
17	GRAY-RED	40	WHITE-GREEN
18	GRAY-RED	41	RED
19	GRAY-YELLOW	42	WHITE
20	WHITE	43	RED
21	BLACK	44	WHITE
22	YELLOW	45	GRAY-YELLOW
23	WHITE-BLACK	46	GRAY-YELLOW
43 (HRS) 51	BLACK	47	GRAY-RED
52	BLUE		

LEGEND

CONN. CONNECTIONS	MODEL			
	PC04 B PC04 BA	PC04 C PC04 CA	PC04 E PC04 EA	PC04 R
PWR SUP TO READER	5V TO READER LAMP FOR 18 TO T.S.S.	SAME AS PC04-B		SAME AS PC04-B
PWR SUP TO PUNCH	30 TO PUNCH CABLE B'D 115V (HOT) TO PUNCH 115 (HOT) ALL TO PUNCH MOTOR			
PWR SUP TO SCR DRVR		A07 TO -15V INPUT		
SCR DRVR TO PUNCH		INTERFACE LINE TO DIE 15V (HOT) TO PUNCH MOTOR		

REVISIONS

REV	CHANGE NO	DATE	BY	CHKD
A	1	10/15/69	BECKNER	
B	2	11/17/69	E. LUTTIG	
C	3	12/17/69	C. YOUSE	
D	4	1/19/70	ADLEMAN	
E	5	2/17/71	M. LEIS	
F	6	4/19/72	C. YOUSE	
G	7	7/23/73	WILLIAMS	

NOTE 9: SEE NOTE 4 ON AD-7006268-0-0

REFERENCE: 7006268-0-0 LOGIC BLOCK

PC04

UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES
DECIMALS FRACTIONS ANGLES
±.005 ±.1/64 ±.030
FINAL SURFACE QUALITY
REMOVE BURRS AND BREAK SHARP CORNERS

DRN 10/15/69
CHKD Beckner
ENGR Beckner
PROJ. ENGR Beckner
PROD. Beckner

DATE 10/15/69
DATE 10/15/69
DATE 10/15/69
DATE 10/15/69

SCALE NONE
SHEET 1 OF 3

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE POWER AND CONTROL SCHEMATIC DIAGRAM

SIZE CODE DBS
NUMBER PC04-0-2
REV J

NOTES:
 1. DOTTED LINES INDICATE POSSIBLE CONNECTIONS BETWEEN POWER SUPPLY, READER AND PUNCH.
 2. THE UNCIRCLED NUMBERS 1 THRU 7 REFER TO CONNECTIONS ON REGULATOR BOARD.
 3. THIS PHOTO TRANSISTOR IS NOT USED.
 4. CIRCLED NUMBERS 1 THRU 46 ARE WIRE NUMBERS. SEE TABLE.

WIRE TABLE

WIRE NO	COLOR	WIRE NO	COLOR
1	RED	24	WHITE-YELLOW
2	WHITE	25	BROWN
3	WHITE	26	WHITE-BROWN
4	RED	27	WHITE-ORANGE
5	ORANGE	28	WHITE-YELLOW
6	GRAY-BLUE	29	WHITE-VIOLET
7	GRAY-WHITE	30	BROWN
8	YELLOW	31	BROWN
9	BLUF	32	ORANGE
10	GRN	33	ORANGE
11	GRN	34	YELLOW
12	GRAY-VIOLET	35	YELLOW
13	GREEN	36	VIOLET
14	GREEN	37	VIOLET
15	RED	38	RED
16	WHITE		
17	GRAY-RED		
18	GRAY-RED	41	RED
19	GRAY-YELLOW	42	WHITE
20	WHITE	43	RED
21	BLACK	44	WHITE
22	YELLOW		
23	WHITE-BLACK	46	GRAY-YELLOW
48THRU51	BLACK	47	GRAY-RED
52	BLUE		

LEGEND

CONNECTIONS	MODEL	PC04 P	PC04 RB
PWR SUP TO READER	PC04 BC	PC04 PA	SAME AS PC04-B
PWR SUP TO PUNCH	PC04 BC	PC04 BC	SAME AS PC04 BC

REVISIONS

REV	DESCRIPTION	DATE
1	AS SHOWN	6/1/69
2	REVISED	6/1/69
3	REVISED	6/1/69
4	REVISED	6/1/69
5	REVISED	6/1/69

PARTS LIST

QTY.	DESCRIPTION	PART NO.	ITEM NO.
1	PC04		

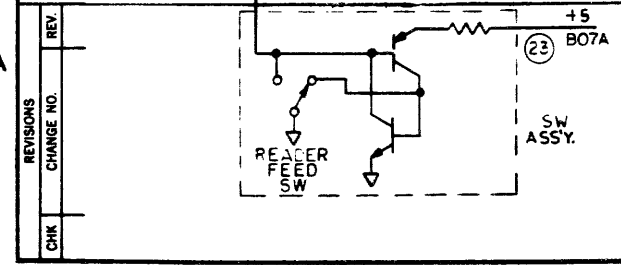
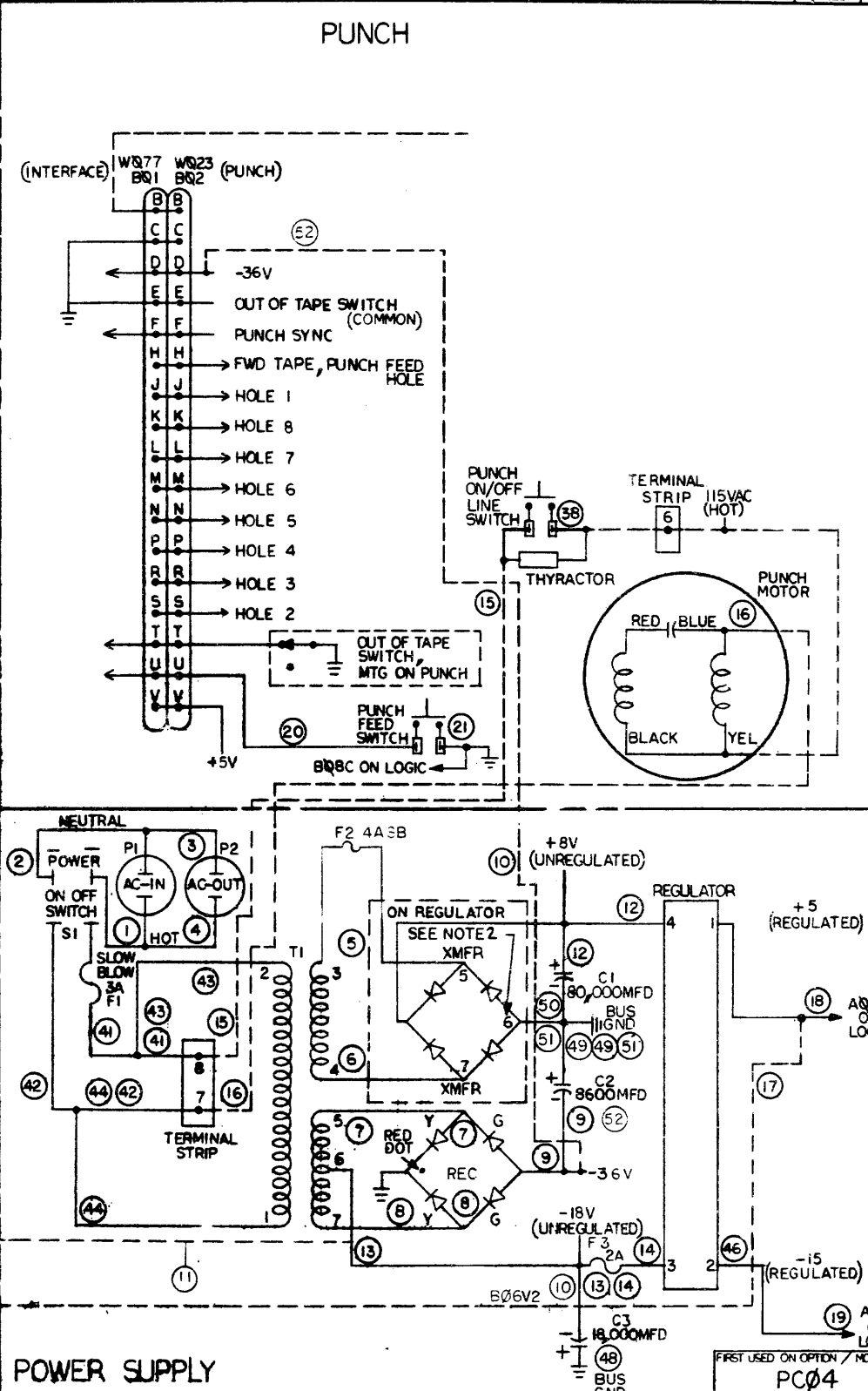
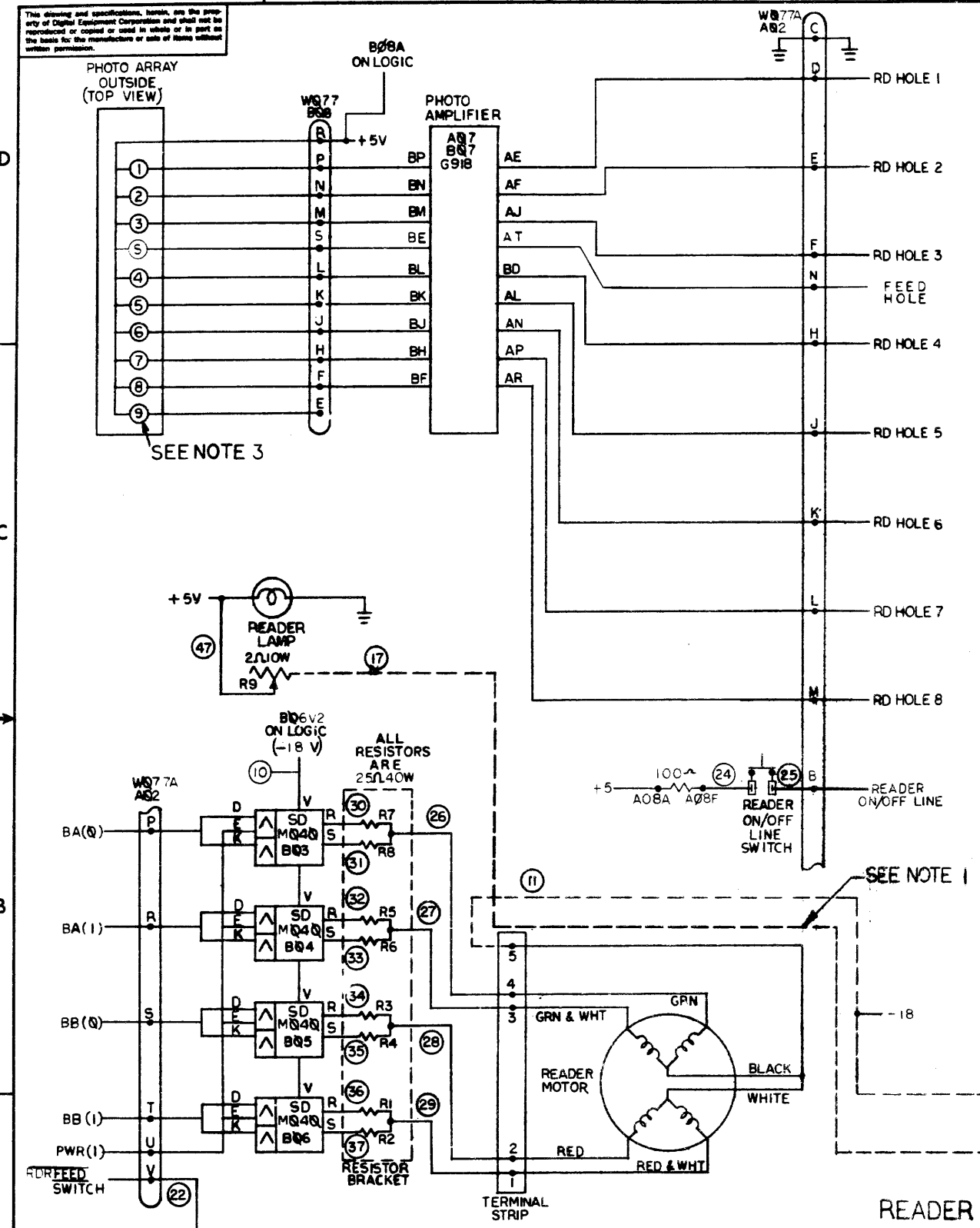
EQUIPMENT CORPORATION
 MATHARD, MASSACHUSETTS

TITLE
 POWER AND CONTROL SCHEMATIC DIAGRAM (81)

SCALE NONE

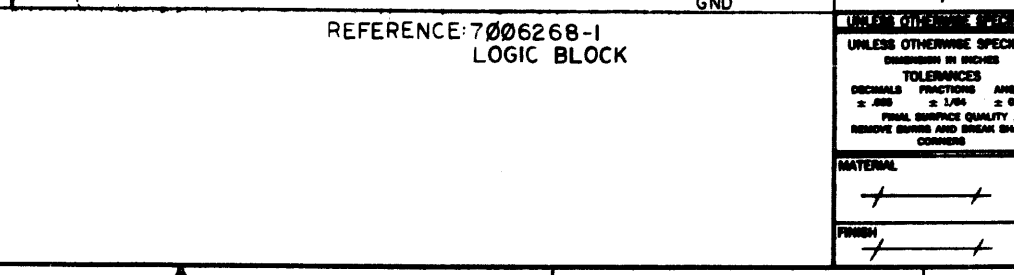
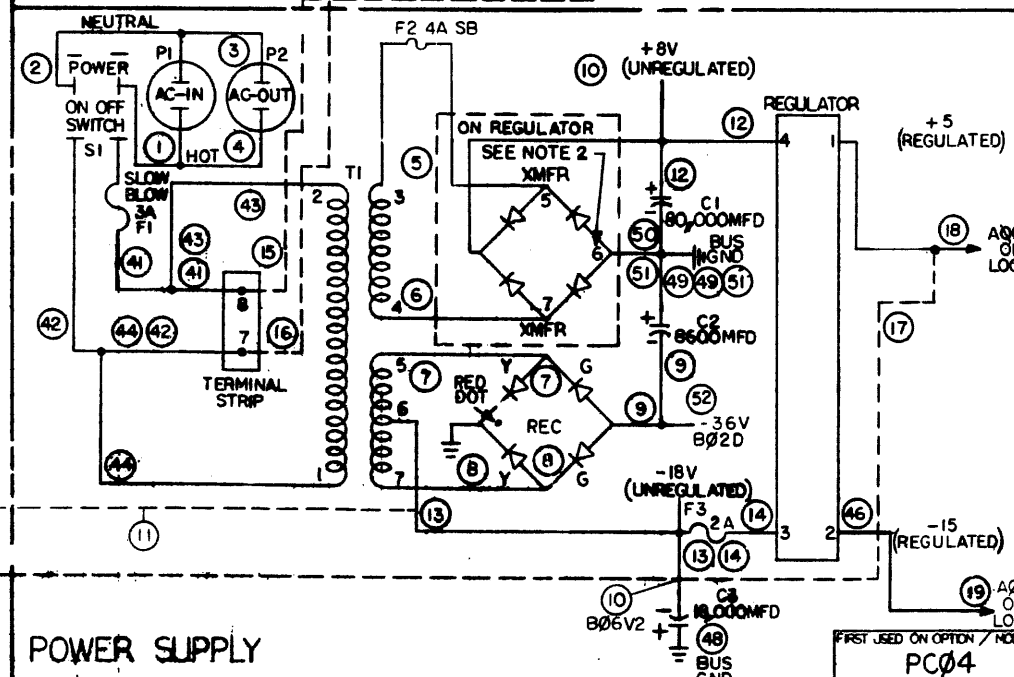
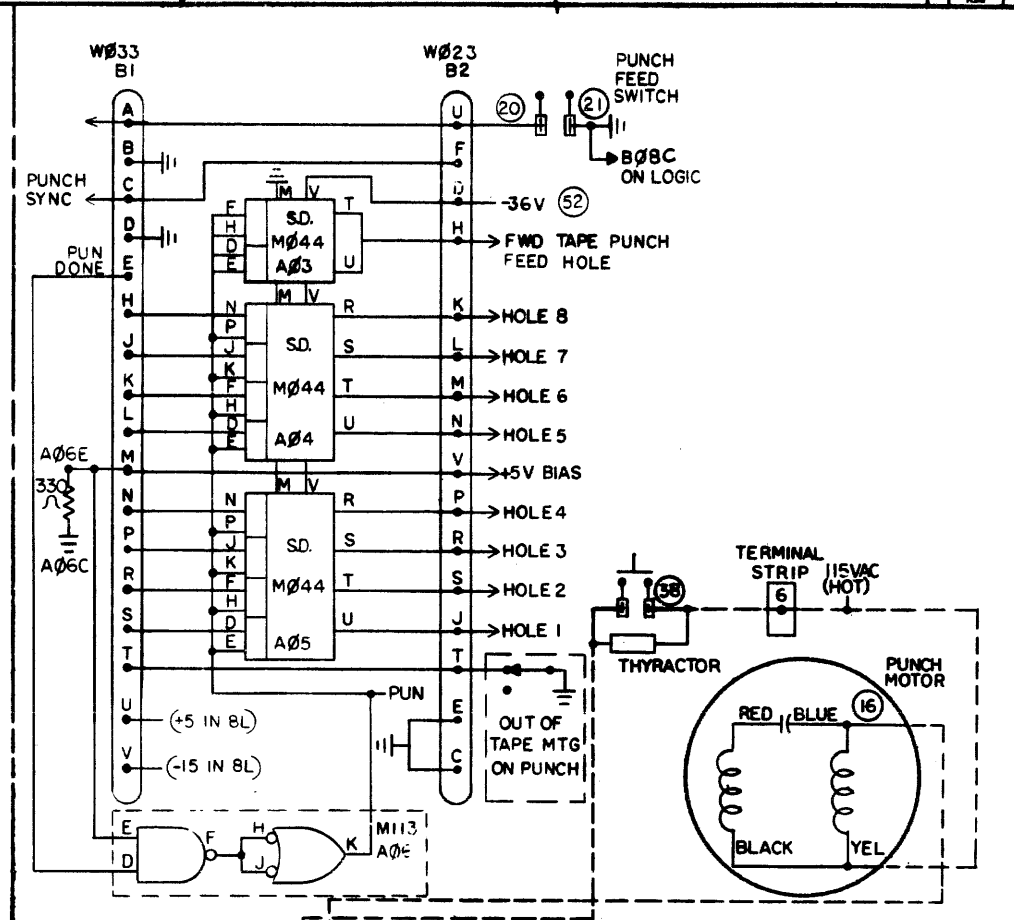
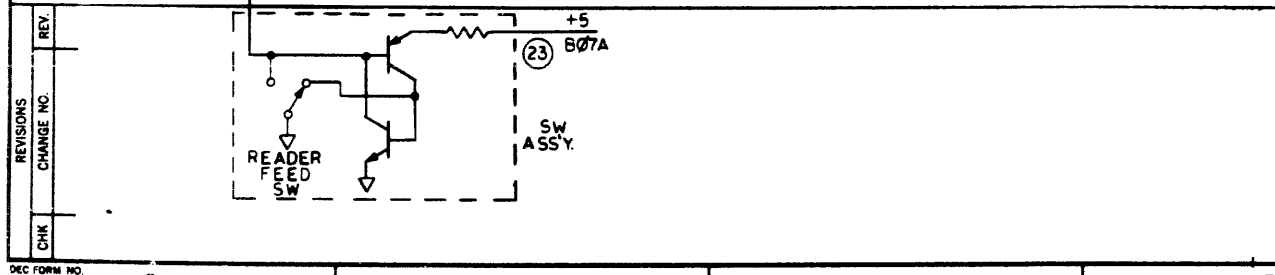
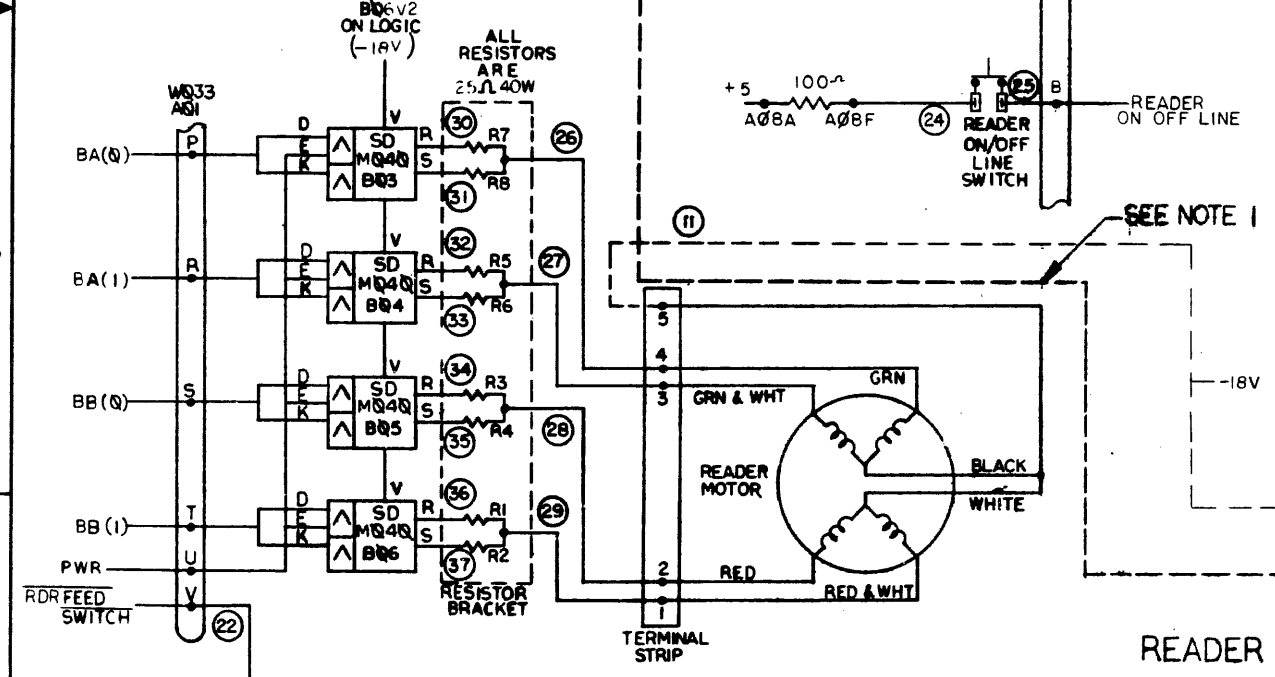
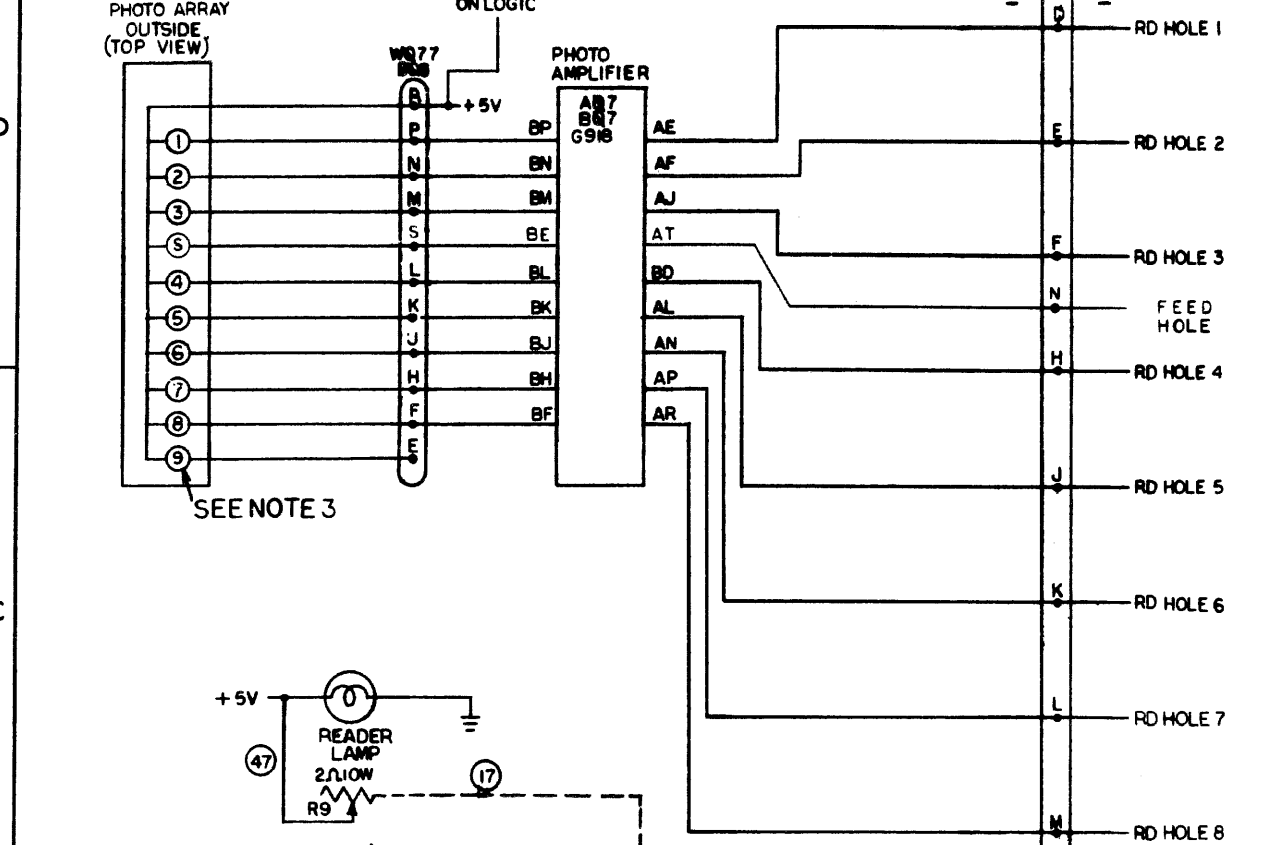
SHEET 2 OF 3

DIST.



REFERENCE: 7006268-0 LOGIC BLOCK

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.



NOTES:
 1. DOTTED LINES INDICATE POSSIBLE CONNECTIONS BETWEEN POWER SUPPLY, READER AND PUNCH.
 2. THE UNCIRCLED NUMBERS 1 THRU 7 REFER TO CONNECTIONS ON REGULATOR BOARD.
 3. THIS PHOTO TRANSISTOR IS NOT USED.
 4. CIRCLED NUMBERS 1 THRU 46 ARE WIRE NUMBERS. SEE TABLE.

WIRE TABLE			
WIRE NO	COLOR	WIRE NO	COLOR
1	RED	24	WHITE-YELLOW
2	WHITE	25	BROWN
3	WHITE	26	WHITE-BROWN
4	RED	27	WHITE-ORANGE
5	ORANGE	28	WHITE-YELLOW
6	GRAY-BLUE	29	WHITE-VIOLET
7	GRAY-WHITE	30	BROWN
8	YELLOW	31	BROWN
9	BLUE	32	ORANGE
10	GRN	33	ORANGE
11	GRN	34	YELLOW
12	GRAY-VIOLET	35	YELLOW
13	GREEN	36	VIOLET
14	GREEN	37	VIOLET
15	RED	38	RED
16	WHITE	39	RED
17	GRAY-RED	40	RED
18	GRAY-RED	41	RED
19	GRAY-YELLOW	42	WHITE
20	WHITE	43	RED
21	BLACK	44	WHITE
22	YELLOW		
23	WHITE-BLACK	46	GRAY-YELLOW
46THRU51	BLACK	47	GRAY-RED
52	BLUE		

LEGEND			
CONN ACTIONS	MODEL	PC04 PL	PC04 RB
PWR SUP TO READER LAMP POT	PC04 BL PC04 BM	PC04 PL PC04 PM	SAME AS PC04-BL PC04-BM
PWR SUP TO PUNCH	PC04 BL PC04 BM		SAME AS PC04 BL PC04 BM

QTY.	DESCRIPTION	PART NO.	ITEM NO.

REFERENCE: 7006268-1 LOGIC BLOCK

UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES
 TOLERANCES
 DECIMALS FRACTIONS ANGLES
 ± .005 ± .001 ± .001 ± .001
 FINAL SURFACE QUALITY
 REMOVE BURRS AND BREAK SHARP CORNERS

MATERIAL
 NEXT HIGHER ASSY.
 FINISH

DATE: 12/16/69
 DATE: 12/16/69
 DATE: 12/16/69
 DATE: 12/16/69

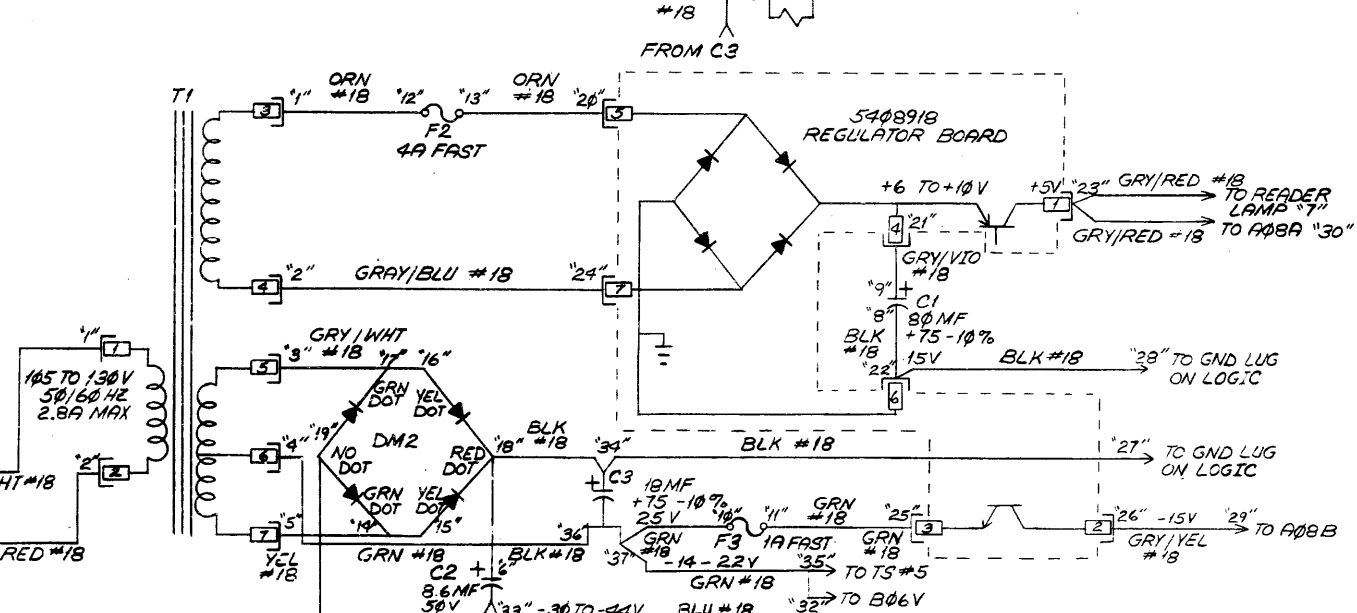
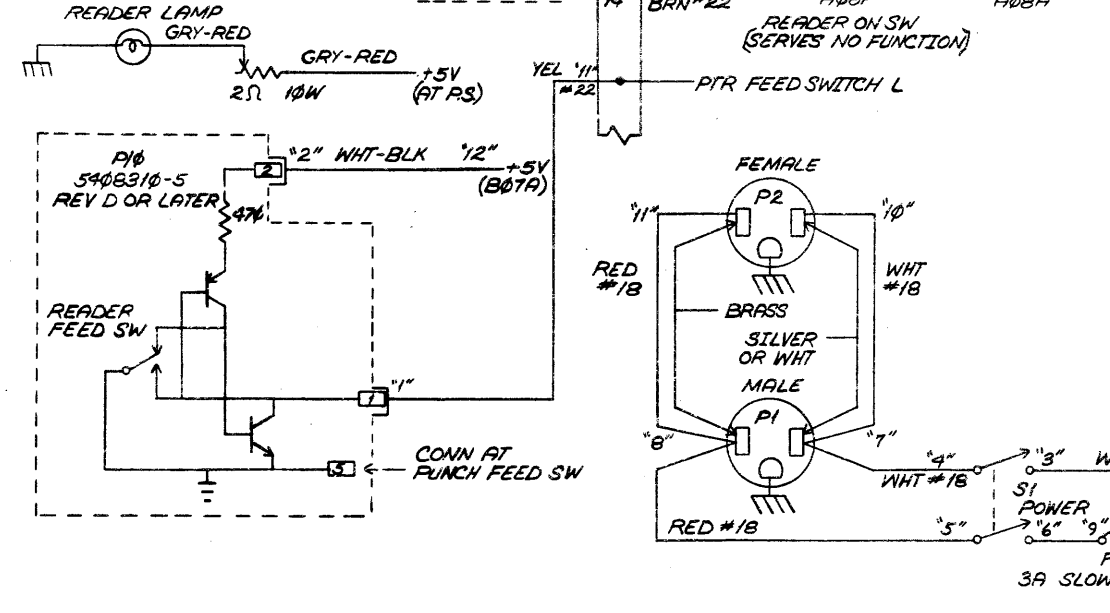
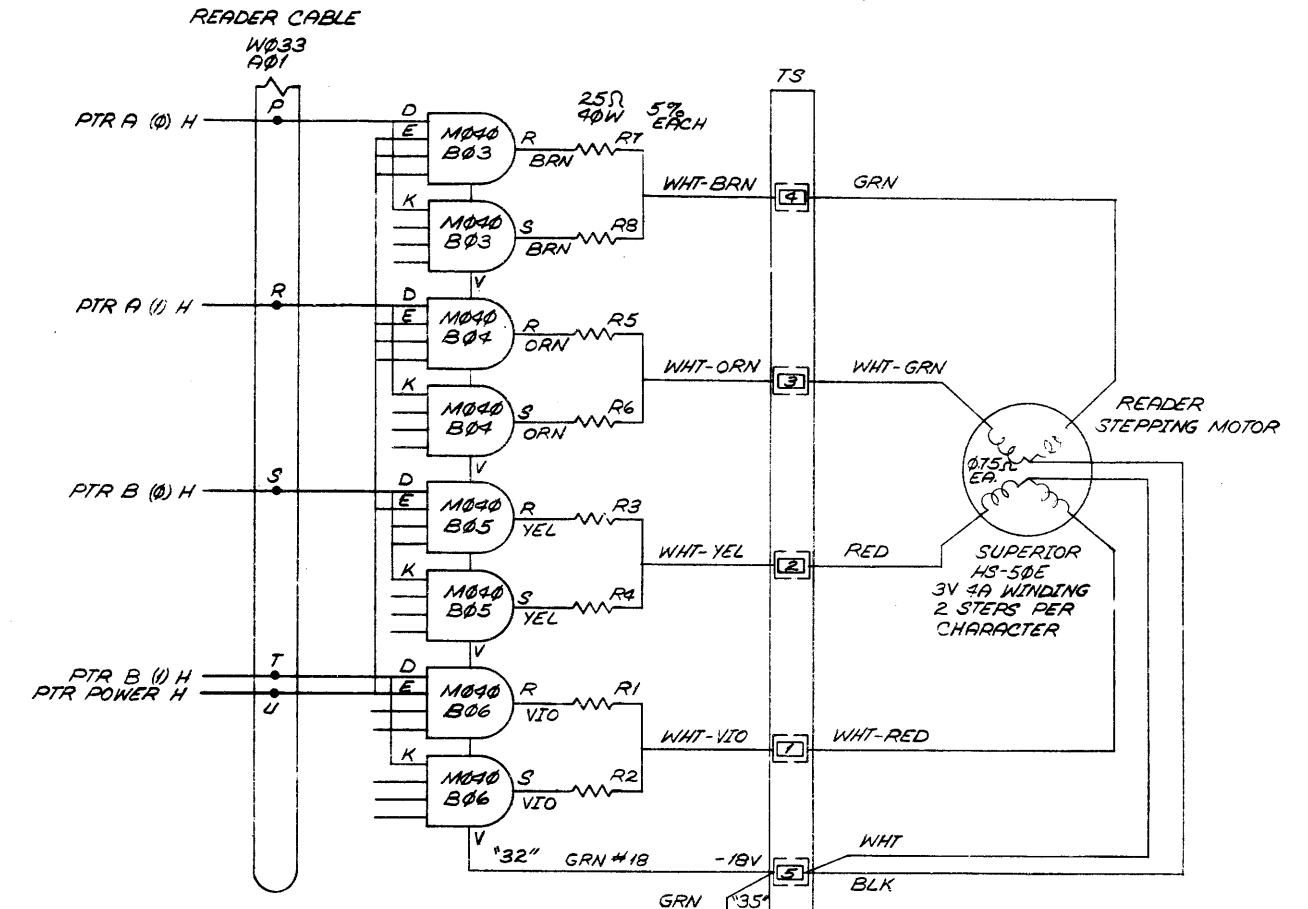
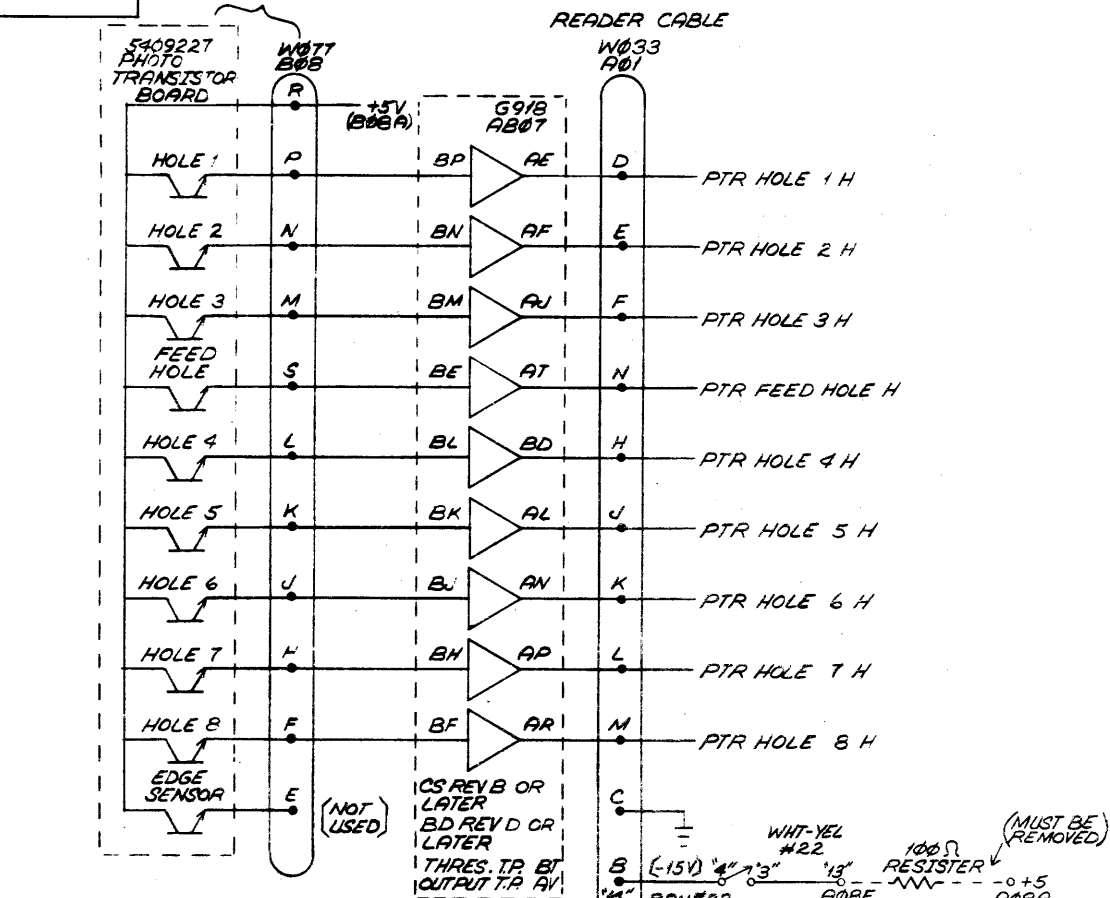
TITLE
POWER AND CONTROL SCHEMATIC DIAGRAM
 (8L, 8E, 8M, 8F)

SIZE: CODE DBS NUMBER PC04-0-2 REV. J

SCALE: NONE SHEET 3 OF 3 DIST.

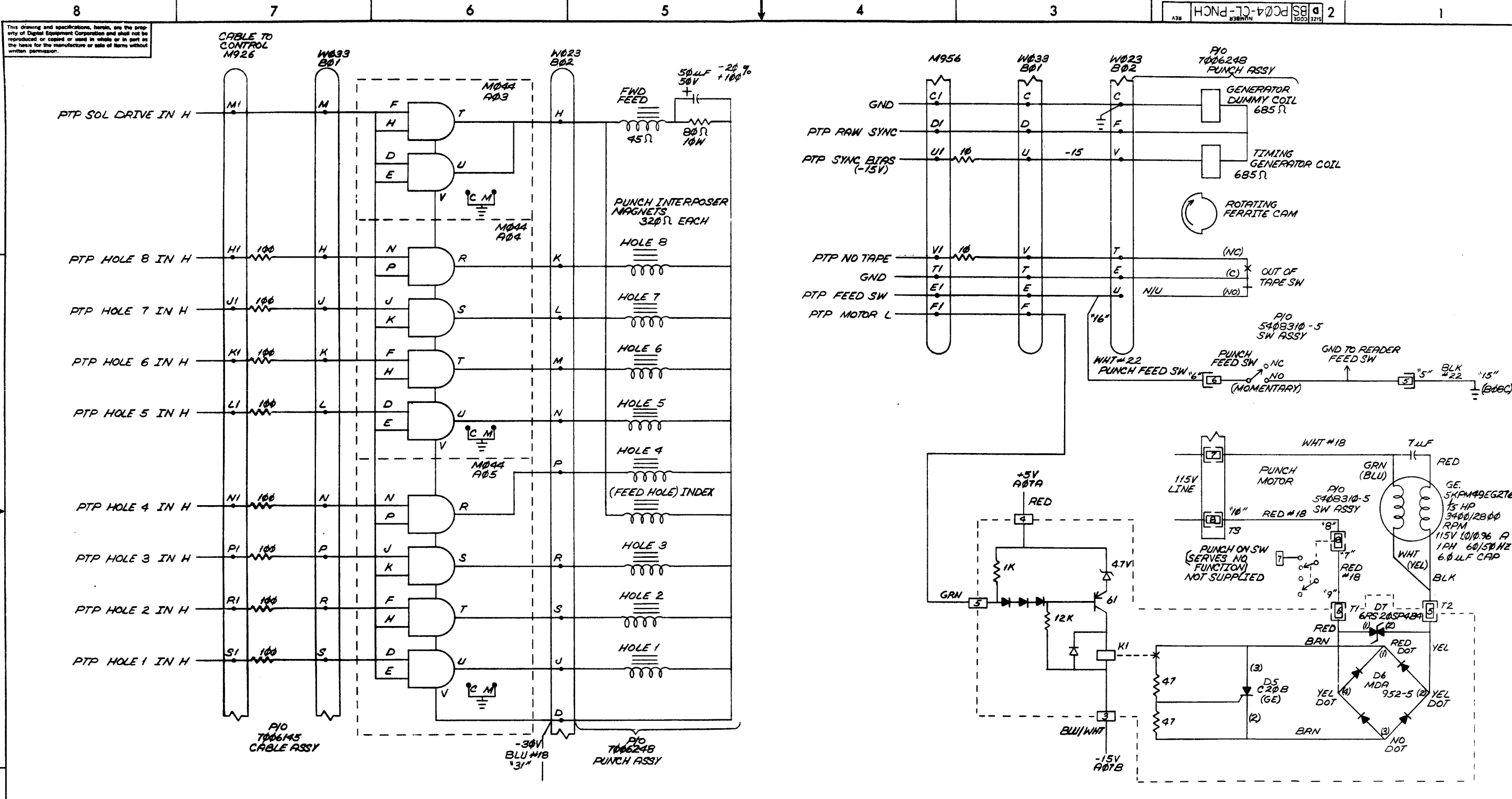
This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

700626T PHOTO TRANSISTOR ASSY REV C OR LATER



REV	CHANGE NO

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN: A. Walker	DATE: 7-21-71
DECIMALS: .XXX - .005	ANGLES: ±0° 30'	CHK'D: Alan Kent	DATE: 2 Dec 71
XX - .02		ENG: Alan Kent	DATE: 2 Dec 71
X - .1		PROJ. ENG: Alan Kent	DATE: 2 Dec 71
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		PRD: Alan Kent	DATE: 2 Dec 71
MATERIAL:	NEXT HIGHER ASSY:	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS	
FINISH:	SCALE: A-ML-PC04-0	TITLE: READER AND POWER SUPPLY (PC04-CL & -CM)	
	SHEET 1 OF 1	SIZE CODE: D	NUMBER: BS PC04-CL-RD



This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

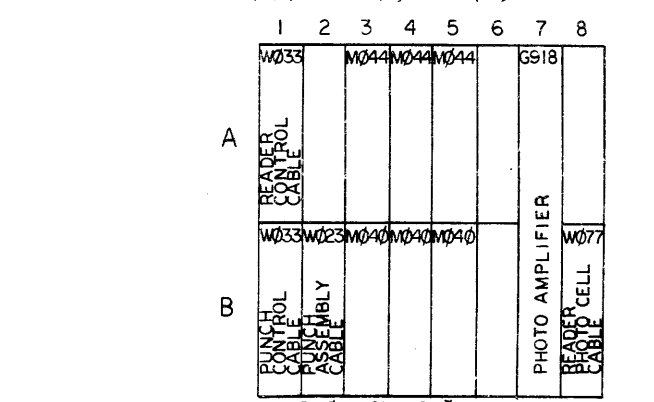
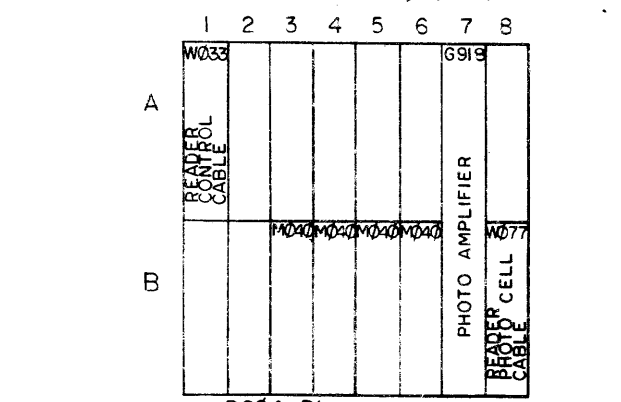
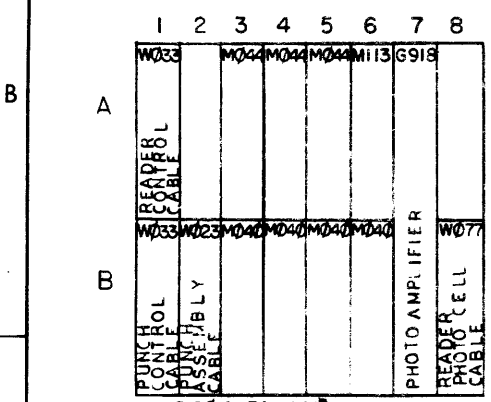
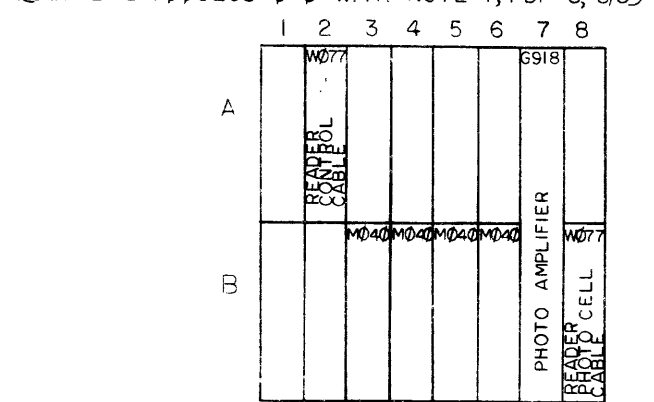
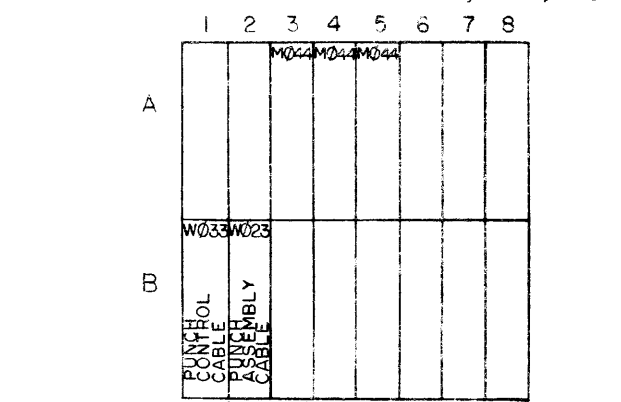
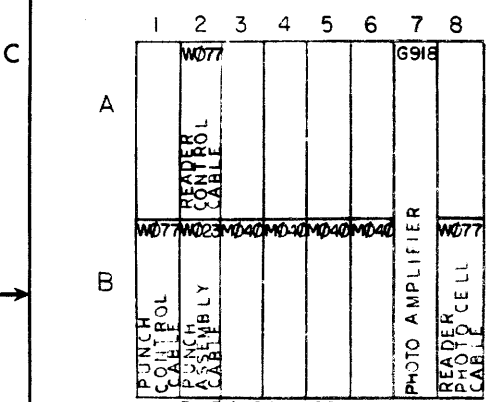
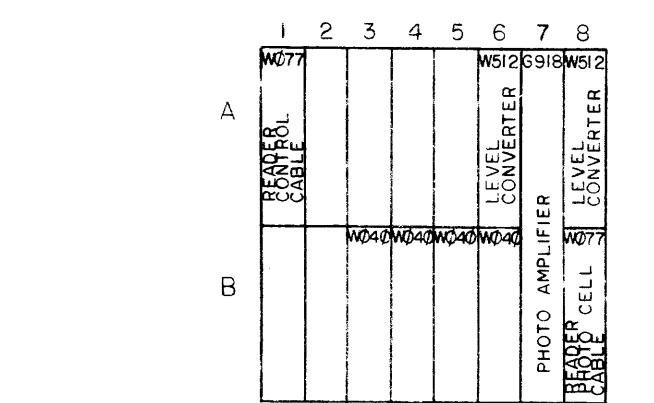
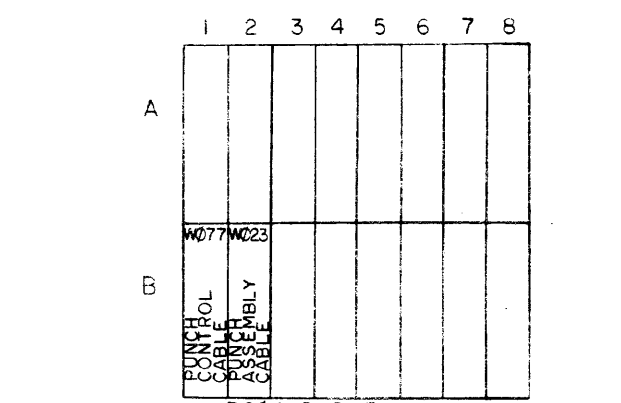
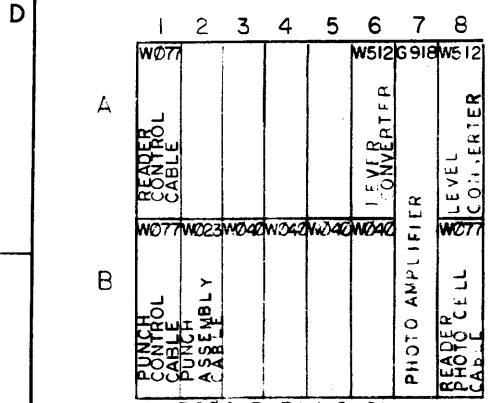
PC04-CL-PNCH 2

REV	
CHG	
CHK	
REVISIONS	
CHANGE NO.	

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
KI10				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES.				
TOLERANCES				
DECIMALS	ANGLES	TITLE		
.XXX - .005	± 0° 30'	PUNCH		
.XX - .02		(PC04-CL-PNCH)		
.X - .1		A-ML-PC04-0		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY				
MATERIAL				
NEXT HIGHER ASSY.				
FINISH				
SCALE				
SHEET 1 OF 1				
SIZE CODE		NUMBER		REV.
D BS		PC04-CL-PNCH		
DIST.				

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied in whole or in part as the basis for the manufacture or sale of items without written permission.

NOTES:
 1. G918 REVISION MUST BE "B" CIRCUIT SCHEMATIC, "D" ETCHED BOARD OR HIGHER.
 2. * 50 HZ VARIATION



REV	CHANGE NO	REV
1	PC04-00053	C
2	PC04-00055	D
3	PC04-00055	D
4	PC04-00055	D
5	PC04-00055	D
6	PC04-00055	D
7	PC04-00055	D
8	PC04-00055	D

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PC04-0				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES				
DECIMALS	ANGLES	PARTS LIST		
.XX - .005	±0° 30'	TITLE		
.XX - .02		MODULE UTILIZATION		
.X - .1		LIST PC04		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY				
MATERIAL				
NEXT HIGHER ASSY.				
FINISH				
SCALE		SIZE CODE		REV
SHEET 1 OF 1		DMU PC04-0-3		D
DIST.				

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

MADE BY P. MARCOTTE
 CHECKED *R. Carvelli*
 DATE 6/5/69
 SECTION 1
 ENG G. BECKNER
 PROD DATE 6/6/69
 ISSUED SECT. 1
 DATE 6/6/69

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	PCØ4-B-Ø	PCØ4-BA-Ø	PCØ4-C-Ø	PCØ4-CA-Ø	PCØ4-P-Ø	PCØ4-PA-Ø	PCØ4-R-Ø	PCØ4-BB-Ø	PCØ4-BC-Ø	PCØ4-BB-Ø
1	G918 *	PHOTO AMPLIFIER	1	1	1	1	1	1	1	1	1	1
2	MØ42	NEGATIVE INPUT CONVERTER	1	1	1	1	1	1	1	1	1	1
3	WØ4Ø	SOLENOID DRIVER	4	4	4	4	4	4	4	4	4	4
4	W512	POSITIVE LEVEL CONVERTER	2	2	2	2	2	2	2	2	2	2
5	MØ4Ø	SOLENOID DRIVER (+ 8L)	-	-	-	-	-	-	-	4	4	4
6	MØ44	SOLENOID DRIVER (+8L)	-	-	-	-	-	-	-	4	4	4
7	M113	1Ø-2 INPUT NAND GATE	-	-	-	-	-	-	-	-	-	-

TITLE MODULE UTILIZATION

ASSY NO. D-MU-PCØ4-Ø-3
 SHEET 1 OF 2
 SIZE CODE **A PL**
 NUMBER FCØ4-Ø-3
 REV ECO NO. D PC04-00055

DEC FORM NO. DRA 110

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

MADE BY P. MARCOTTE
 CHECKED R. CARVELLI
 DATE 6/5/69
 SECTION 1
 ENG G. BECKNER
 PROD DATE 6/6/69
 ISSUED SECT. 1

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	PCØ4-BL-Ø	PCØ4-BM-Ø	PCØ4-PL-Ø	PCØ4-FM-Ø	PCØ4-CL, -CM	PCØ4-RL
1	G918 *	PHOTO AMPLIFIER	1	1	1	1	1	1
2								
3	WØ4Ø	SOLENOID DRIVER (-)	-	-	-	-	-	-
4	W512	POSITIVE LEVEL CONVERTER	-	-	-	-	-	-
5	MØ4Ø	SOLENOID DRIVER (+)	4	4	4	4	4	4
6	MØ44	SOLENOID DRIVER (+ 8L)	3	3	3	3	3	3
7	M113	1Ø-2 INPUT NAND GATE	1	1	1	1	1	1

* NOTE: G918 MUST BE D REV BOARD OR HIGHER

TITLE MODULE UTILIZATION

ASSY NO. D-MU-PCØ4-Ø-3
 SHEET 2 OF 2
 SIZE CODE **A PL**
 NUMBER FCØ4-Ø-3
 REV ECO NO. D PC04-00055

DEC FORM NO. DRA 110

THIS DRAWING AND ASSOCIATED DOCUMENTS, HEREIN, ARE THE PROPERTY OF THE AIR FORCE AND ARE TO BE RETURNED TO THE AIR FORCE AT THE END OF THE LEASE. THE AIR FORCE WILL NOT BE RESPONSIBLE FOR THE REPRODUCTION OF ANY OF THESE DRAWINGS OR DOCUMENTS.

LEGEND		
PART #	MODEL USED ON	WIRELIST
7006268-0	PC04-B, BA, BB, BC, C, CA, P, PA, R, RB	K-WL-PC04-0-5
7006268-1	PC04-BL, BM, PL, PM, RL	K-WL-PC04-0-6
7006268-2	PC04-CL, CM	K-WL-PC04-0-7

- NOTES:
- CONNECTIONS ON ITEM 3 & 4 TO BE SOLDERED AND LOCATED AT MINIMUM PRACTICAL HEIGHT ABOVE BLOCKS.
 - CONNECTOR BLOCKS TO BE GROUNDED TO GND LUG AS SHOWN.
 - USE BLUE WIRE (ITEM 9) FOR HAND WRAPPED WIRING.
 - PPPS/BS/9/KAJO
TO CONVERT 7006268-0 BLOCK BACK TO NEG. LOGIC MACHINES, DO FOLLOWING:
A. REMOVE TRANSISTORS IN READER FEED SWITCH ASSY
B. WIRE CHANGES:
DELETE: - B08S-B07E
ADD: - A02N-A05H
 B05E-B07E
 A02E-A01N
C. DELETE 100-Ω RESISTOR FROM A08A-A08F

EXTERNAL COMPONENT TABLE					
ITEM	COMP	POL	FROM	TO	REMARKS
10	CAP	+	A03A	A03C	6.8μF
10	CAP	-	B03B	B03C	6.8μF

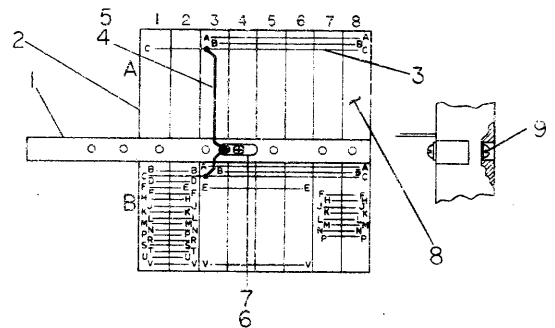
7006268-2

EXTERNAL COMPONENT TABLE					
ITEM	COMP	POL	FROM	TO	REMARKS
10	CAP	+	A03A	A03C	
10	CAP	-	B03B	B03C	
12	RES		A08A	A08F	100Ω
13	RES		A06E	A06C	330Ω

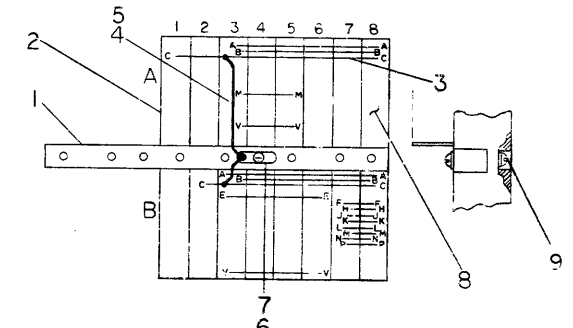
7006268-1

EXTERNAL COMPONENT TABLE					
ITEM	COMP	POL	FROM	TO	REMARKS
10	CAP	+	A03A	A03C	
10	CAP	-	B03B	B03C	
12	RES		A08A	A08F	100Ω

7006268-0



7006268-0
(8, 8S, 8I)



7006268-1
(8L, 8E, 8M, 8F)
7006268-2
(KI 10)

REV	DATE	BY	CHKD	APP'D	DESCRIPTION
1	10/1/57	R. HUTNAK			REVISED
2	10/1/57	S. CARVELLI			REVISED
3	10/1/57	S. BECKNER			REVISED
4	10/1/57	S. BECKNER			REVISED
5	10/1/57	S. BECKNER			REVISED
6	10/1/57	S. BECKNER			REVISED
7	10/1/57	S. BECKNER			REVISED
8	10/1/57	S. BECKNER			REVISED
9	10/1/57	S. BECKNER			REVISED
10	10/1/57	S. BECKNER			REVISED
11	10/1/57	S. BECKNER			REVISED
12	10/1/57	S. BECKNER			REVISED
13	10/1/57	S. BECKNER			REVISED
14	10/1/57	S. BECKNER			REVISED
15	10/1/57	S. BECKNER			REVISED
16	10/1/57	S. BECKNER			REVISED
17	10/1/57	S. BECKNER			REVISED
18	10/1/57	S. BECKNER			REVISED
19	10/1/57	S. BECKNER			REVISED
20	10/1/57	S. BECKNER			REVISED

REV	DATE	BY	CHKD	APP'D	DESCRIPTION
1	10/1/57	R. HUTNAK			REVISED
2	10/1/57	S. CARVELLI			REVISED
3	10/1/57	S. BECKNER			REVISED
4	10/1/57	S. BECKNER			REVISED
5	10/1/57	S. BECKNER			REVISED
6	10/1/57	S. BECKNER			REVISED
7	10/1/57	S. BECKNER			REVISED
8	10/1/57	S. BECKNER			REVISED
9	10/1/57	S. BECKNER			REVISED
10	10/1/57	S. BECKNER			REVISED
11	10/1/57	S. BECKNER			REVISED
12	10/1/57	S. BECKNER			REVISED
13	10/1/57	S. BECKNER			REVISED
14	10/1/57	S. BECKNER			REVISED
15	10/1/57	S. BECKNER			REVISED
16	10/1/57	S. BECKNER			REVISED
17	10/1/57	S. BECKNER			REVISED
18	10/1/57	S. BECKNER			REVISED
19	10/1/57	S. BECKNER			REVISED
20	10/1/57	S. BECKNER			REVISED

PC04
EQUIPMENT CORPORATION
TITLE: (PC04)
WIRED ASSY
D-UA-PC04-0-0
SCALE: 1:1
SHEET: 01

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

QUANTITY / VARIATION

MADE BY ROBERT MUPNAK	CHECKED <i>W. Corvill</i>	SECTION 1
DATE 2/20/69	DATE 5/5/69	ISSUED SECT. 1
ENG <i>Leif</i>	PROD	
DATE <i>6/4/69</i>	DATE	

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION
1	B-IA-7407077-0-0	MFG BAR 6 IN.
2	1202244	144 PIN COIN BLOCK WRAPTYPE
3	1202188	BUS BAR BERG NO. 3584-032
4	9107560-1	#22 AWG BUS WIRE
5	9107265	#22 TUBING, TEFLON, WHITE
6	9007597	TERMINAL SHAKEPROOF #2116-08-00
7	9006034	SCR PNL PAN HD #8-32 x .19 LG SST
8	9107470-10	#24 AWG SOLID KYNAR BLUE
9	9007641	SCR PNL FIL HD #8-32 x 1/2 LG SST
10	1005306	CAP 6.8 MFD 35V 10%
11	1000086	CAP 180 MFD 6V 10%
12	13-00231	RES 100ohm 1/4W 5%
13	1300295	RES 330 OHM 1/4W 5%
REF	K-WL-PC04-0-5	WIRE LIST
REF	K-WL-PC04-0-6	WIRE LIST
REF	K-WL-PC04-0-7	WIRE LIST

7006268-0	7006268-1	7006268-2																
1	1	1																
2	2	2																
A/PA/PA/R																		
A/RA/PA/R																		
A/PA/PA/R																		
1	1	1																
1	1	1																
A/PA/PA/R																		
4	4	4																
2	2	2																
1	1	-																
-	1	-																
1	-	-																
-	1	-																
-	-	1																

TITLE PC04 WIRED ASSY	ASSY NO. E-AD-7006268-0-0	SIZE CODE A PL	NUMBER 7006268-0-0	REV. H	ECO NO. PC04-00055
SHEET 1 OF 1		DIST. G			

DEC FORM NO. DRA 110

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced, copied or used in whole or in part as a basis for the manufacture of any product without written permission.

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

ENGINEERING SPECIFICATION

TITLE PC04 Engineering Specification DATE 11/11/69

REV	DESCRIPTION	CHG NO	ORIG	DATE	APPD BY	DATE
A		PC04-00046	M. LEIS		M	3-17-71

General Information:

The PC04 comes in eight (8) configurations. They are the PC04P, PL (basic punch), PC04R, RB (basic reader), PC04B, BB, BL, (punch and reader), and PC04C (punch, SCR, and reader). The 50 cycle variations are PC04PA, PM; PC04BA, EC, BM, and PC04CA with no variation in PC04R and RB. Table 1-1 gives the block schematic references, UML, interface cables, and the applicable computers.

Logic Levels: Negative Logic Systems

Logic 1 is -3.2v to -3.9 volts
Logic 0 is 0v to -0.3 volts

Logic Levels: Positive Logic Systems

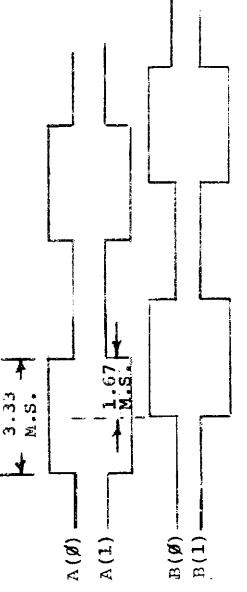
Logic 1 is >+2.0v
Logic 0 <+0.4v

Reader Signals:

Reference drawing BS-D-PC04-0-2

- (1) A(0), A(1), B(0), and B(1) are the signals used to drive the stepping motors via the four solenoid drivers.

The timing chart and graph for these signals would be:



ENG *Charles A. Jones* APPD *Joe B. ...* SIZE CODE NUMBER REV
DRA 107 A SP PC04-0-4 A 7

TITLE PC04 Engineering Specification

- (2) Power (1) serves the function of supplying only half current to the stepping motor when the motor is stopped. This signal is 0 volts when the motor is stopped and -3 volts when the motor is active for negative logic systems and >+2.0 volts when motor is active and <+0.8 v when the motor is stopped for positive logic systems.
- (3) The reader feed switch is simply an off line means of moving tape through the reader. A ground level performs this function.
- (4) The reader on/off line switch allows the operator to disable the unit from reading by putting the switch in the off-line position.
- (5) The reader on/off line switch is open whenever the reader is off line, and is >2.4V when the reader is on line.

(6) Data Output Lines:

	Hole	No Hole
Negative Systems	-3 volts	0 volts
Positive Systems	+2.4 volts	0 volts

Punch Signals:

Refer to drawing BS-D-PC04-0-2

- (1) The interface signal used to turn on the punch motor with an SCR driver option is Gnd when active and open or -3v when inactive.
- (2) The -36 volt is supplied to the solenoid coils on the punch motor and also to the solenoid drivers at the external control.
- (3) Punch sync is the signal generated from the sync timing wheel on the punch. Equally spaced (in time) positive and negative pulses (one each) for each shaft revolution is generated on this line.
- (4) Forward tape and punch feed hole: A ground level for 10 msec. 110% will punch feed hole and then advance the tape forward in preparation for another cycle for all configurations except PC04PL and BL when the solenoid drivers are activated by a +2.0v signal.

DEC FORM NO DRA 108A

SIZE CODE NUMBER REV
A SP PC04-0-4 A 7

TITLE PC04 Engineering Specification

CONTINUATION SHEET

- (5) The eight data holes also require a 10 msec. level to activate the punches.
- (6) Out-of-tape signal is generated from a micro-switch on the punch. It is at ground when the punch is out-of-tape.
- (7) Punch feed switch is used to manually feed tape through the punch.
- (8) The -3 volt or +5v supply is a bias on the punch sync coil.
- (9) The punch on/off power switch is used in the options not using the SCR driver. It simply supplies 115 volts to the punch motor.

Power Supply

- (1) Regulated +5 volts ±.25 volts
(2) Regulated -15 volts ±1.0 volt
(3) -36 volts ±4 volts

Power Requirements

Unit will run at 50 or 60 cycles, 115 volts ±10%. 2.5 AMPS run

Reader

- (a) Temperature
(1) 55° - 110°F operating, 10° - 150°F non-operating
- (b) Humidity
(1) 20% - 95% w/o condensation operating; 5% - 95% w/o condensation non-operating.
- (c) Speed
(1) 300 - 310 characters/second full speed.
(2) 20 - 26 character/second single character rate.
- (d) Type of tape
(1) non-oil (less than 12% transmissivity)
- (e) Tape Life: Acceleration de-accelerate type operation = 30,000 cycles.

DEC FORM NO DRA 108A

SIZE CODE NUMBER REV
A SP PC04-0-4 A 7

TITLE PC04 Engineering Specification

CONTINUATION SHEET

Punch

- (a) Temperature
(1) 55° - 110°F operating; 10° - 150°F non-operating
- (b) Humidity
(1) 20% - 95% w/o condensation - operating
(2) 5% - 95% w/o condensation - non-operating
- (c) Tension of tape supply
(1) Not to exceed 6 ounces
- (d) Speed
(1) 50 characters/second ±5%

Margins

+5v is +5v ±.5v
-15v is -15v ±20%
-30v is -36v ±15%

DEC FORM NO DRA 108A

SIZE CODE NUMBER REV
A SP PC04-0-4 A 7

ENGINEERING SPECIFICATION		CONTINUATION SHEET			
TITLE PC04 Engineering Specification		TITLE PC04 Engineering Specification - Test Procedure for Reader			
PC04P	D/BS/PC04-0-2 Page 1 of 3	None	1-W077A	N/A	PDP8; PDP8/S; PDP8/I
PC04PL	D/BS/PC04-0-2 Page 1 of 3	3-M044	1-W033A	N/A	PDP8/L; PDP8E
PC04R	D/BS/PC04-0-2 Page 1 of 3	N/A	1-W077A	1-G918 4-W040 2-W512	PDP8; PDP8/S
PC04RB	D/BS/PC04-0-2 Pages 2 and 3 of 3	N/A	1-W077A	1-G918 4-M040	PDP8/I; PDP8/L PDP8/E
PC04B	D/BS/PC04-0-2 Page 1 of 3	None	2-W077A	1-G918 4-W040 2-W512	PDP8; PDP8/S
PC04BB	D/BS/PC04-0-2 Page 2 of 3	None	2-W077A	1-G918 4-M040	PDP8/I
PC04BL	D/BS/PC04-0-2 Page 3 of 3	3-M044	2-W033C	1-G918 4-M040	PDP8/L PDP8/E
PC04C	D/BS/PC04-0-2 Page 1 of 3	None	2-W077A	1-G918 4-W040 2-W512	PDP9; PDP10

DEC FORM NO
DRA 108A

SHEET 5 OF 7

ENGINEERING SPECIFICATION		CONTINUATION SHEET	
TITLE PC04 Engineering Specification - Test Procedure for Reader		TITLE PC04 Engineering Specification - Test Procedure for Reader	
B.	-15 volts on A08B and B08B (± 1 volts).		
C.	-30 volts on B06V and B02D (-32 to -40 volts).		
3.	Shut power off and insert modules for PC04.		
4.	Apply power and make same check as in 2.		
5.	Put cap. (6.8uf, 10-5306) between pins A03A (+) and A03C (-) and between pins B03C (+) and B03B (-).		

DEC FORM NO 16-1022
DRA 108

SHEET 7 OF 7

ENGINEERING SPECIFICATION		CONTINUATION SHEET	
TITLE PC04 Engineering Specification - Test Procedure for reader		TITLE PC04 Engineering Specification - Test Procedure for reader	
1.	Do not apply power until the following checks are made.		
a.	Logic block empty.		
b.	A01A, A02A, A01B, A02B, B01A, and B02A are bare (no wiring or bussing).		
c.	B01B and B02B should be bussed together without any wires on them except for the PC04C configuration when a white/green wire will be on B01B.		
d.	Remove reader lamp.		
e.	Check caps for proper polarity in wiring.		
f.	Put ohmmeter on X100 scale and check regulator board tabs 1 thru 5 and 7 for lack of short to ground. Tabs 6 and 8 should indicate a short to ground.		
g.	Check fuses for proper rating. Also, should be slo/bio.		
h.	Check for continuity between reader lamp ground slot and chassis ground.		
i.	Check the following wires for proper connection.		
		<u>COLOR</u>	<u>Location</u>
	+black (str)	B08C	*wh/blue A07B
	#wh/black (str)	B07C	*wh/green B01B
	#brown (str)	A02B A01B	#brown (solid) B03R, S
	#yellow (str)	A01V	#orange (solid) B04R, S
	#wh/yellow (str)	A08F	#yellow (solid) B05R, S
	+white (str)	B01U	#violet (solid) B06R, S
	grey/red (str)	A08A	+punch configurations
	grey/yellow (str)	A08B	*only on PC04C configuration
	blue (str)	B06V	#reader configurations
j.	Put reader lamp back in position making sure that the tension on the lamp is sufficient for good contact.		
2.	Apply AC power to the unit and check.		
a.	+5 volts on A08A and B08A (+5 volts ± 25 volts).		

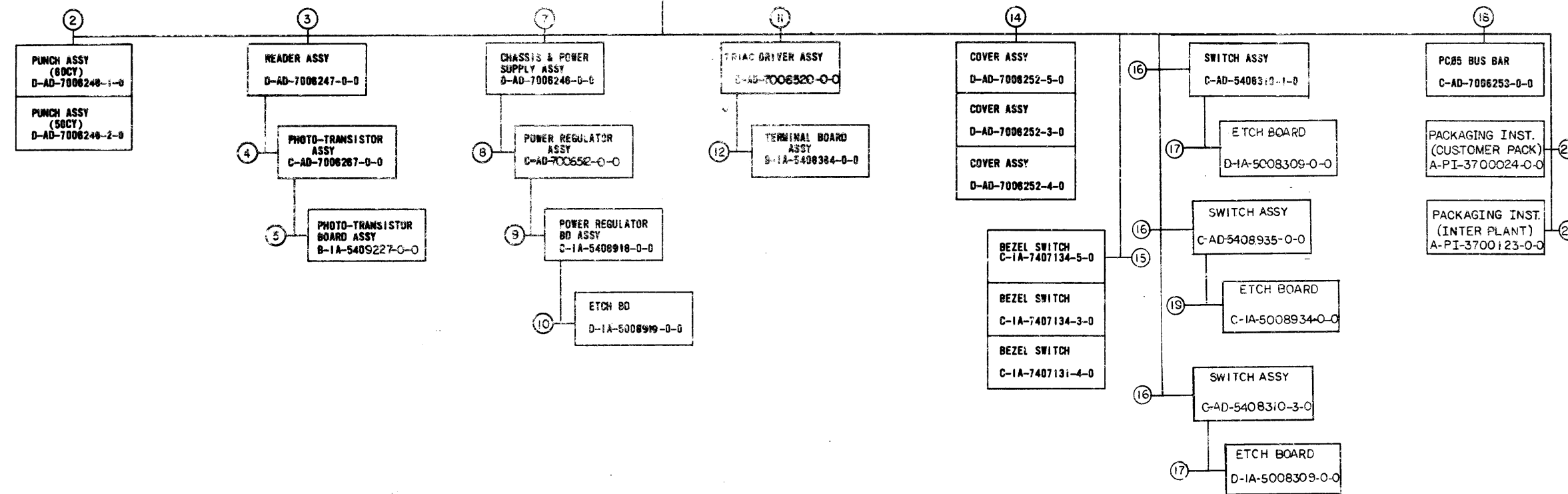
DEC FORM NO
DRA 108A

SHEET 6 OF 7

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

NOTES:
 1 THE KEY TO SYMBOLS IN THE FIND NO. COLUMNS IN FIND BLOCK 1 IS:
 AN "X" MEANS THE ASSY IS USED.
 A BLANK SPACE MEANS THE ASSY IS NOT USED.
 A DASH AND NUMBER (-1-2 ETC) MEANS THE ASSY IS USED AND THAT VARIATION OF THE ASSY, HAVING THAT PARTICULAR DASH NUMBER AS PART OF ITS DWG. NUMBER IS USED
 EXAMPLE:
 A READER MODEL FROM FIND COLUMN 14 USES A (-3) OR A (-1) AD-7006252-3-0 COVER ASSY.

MODEL	DESCRIPTION	CY	COMPOSITION															
			FIND NUMBER															
			2	3	4	5	7	8	9	10	11	12	14	15	16	17	18	19
PC05-C	PUNCH, READER, DRIVER	60	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PC05-CA	PUNCH, READER, DRIVER	50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PC05-P	PUNCH, DRIVER	60	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PC05-PA	PUNCH, DRIVER	50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PC05-R	READER		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X



UNIT ASSY. DWG. NO. D-UA-PC05-0-0

REV	CHANGE NO.	DATE	BY	CHKD.	DATE
1	PC05-00001	7/1/69	G. BECKNER	G. Beckner	7/1/69
2	PC05-00002	7/1/69	G. BECKNER	G. Beckner	7/1/69
3	PC05-00003	7/1/69	G. BECKNER	G. Beckner	7/1/69
4	PC05-00004	7/1/69	G. BECKNER	G. Beckner	7/1/69
5	PC05-00005	7/1/69	G. BECKNER	G. Beckner	7/1/69
6	PC05-00006	7/1/69	G. BECKNER	G. Beckner	7/1/69
7	PC05-00007	7/1/69	G. BECKNER	G. Beckner	7/1/69
8	PC05-00008	7/1/69	G. BECKNER	G. Beckner	7/1/69
9	PC05-00009	7/1/69	G. BECKNER	G. Beckner	7/1/69
10	PC05-00010	7/1/69	G. BECKNER	G. Beckner	7/1/69
11	PC05-00011	7/1/69	G. BECKNER	G. Beckner	7/1/69
12	PC05-00012	7/1/69	G. BECKNER	G. Beckner	7/1/69
13	PC05-00013	7/1/69	G. BECKNER	G. Beckner	7/1/69
14	PC05-00014	7/1/69	G. BECKNER	G. Beckner	7/1/69
15	PC05-00015	7/1/69	G. BECKNER	G. Beckner	7/1/69
16	PC05-00016	7/1/69	G. BECKNER	G. Beckner	7/1/69
17	PC05-00017	7/1/69	G. BECKNER	G. Beckner	7/1/69
18	PC05-00018	7/1/69	G. BECKNER	G. Beckner	7/1/69
19	PC05-00019	7/1/69	G. BECKNER	G. Beckner	7/1/69
20	PC05-00020	7/1/69	G. BECKNER	G. Beckner	7/1/69
21	PC05-00021	7/1/69	G. BECKNER	G. Beckner	7/1/69
22	PC05-00022	7/1/69	G. BECKNER	G. Beckner	7/1/69
23	PC05-00023	7/1/69	G. BECKNER	G. Beckner	7/1/69
24	PC05-00024	7/1/69	G. BECKNER	G. Beckner	7/1/69
25	PC05-00025	7/1/69	G. BECKNER	G. Beckner	7/1/69
26	PC05-00026	7/1/69	G. BECKNER	G. Beckner	7/1/69
27	PC05-00027	7/1/69	G. BECKNER	G. Beckner	7/1/69
28	PC05-00028	7/1/69	G. BECKNER	G. Beckner	7/1/69
29	PC05-00029	7/1/69	G. BECKNER	G. Beckner	7/1/69
30	PC05-00030	7/1/69	G. BECKNER	G. Beckner	7/1/69

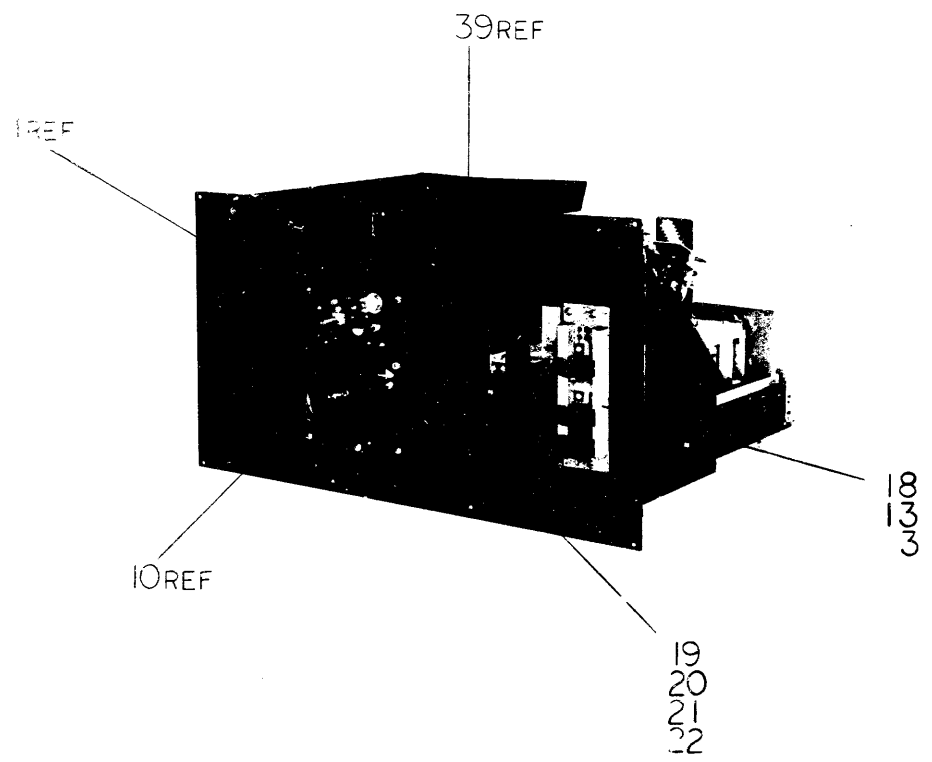
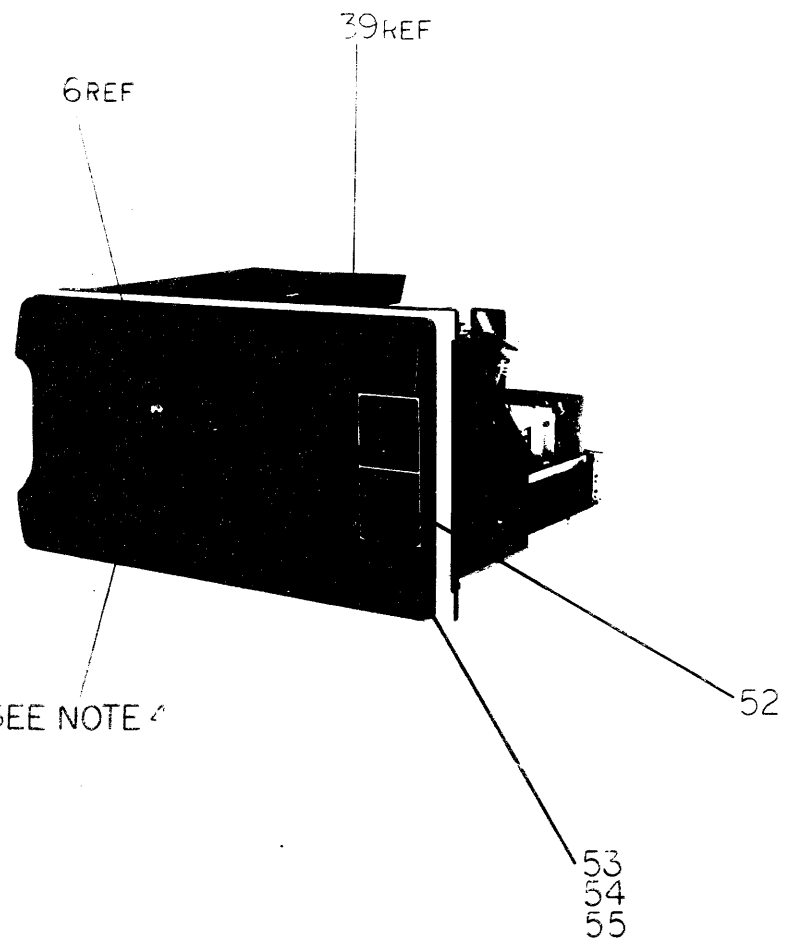
FIRST USED ON OPTION/MODEL
PC05

DO NOT SCALE DRAWING	UNLESS OTHERWISE SPECIFIED	DIMENSION IN INCHES
TOLERANCES	DECIMALS	FRACTIONS
	± .005	± 1/64
		± 0.30
		± 0.75
		± 1.50
		± 3.00
		± 6.00
		± 12.00
		± 24.00
		± 48.00
		± 96.00
		± 192.00
		± 384.00
		± 768.00
		± 1536.00
		± 3072.00
		± 6144.00
		± 12288.00
		± 24576.00
		± 49152.00
		± 98304.00
		± 196608.00
		± 393216.00
		± 786432.00
		± 1572864.00
		± 3145728.00
		± 6291456.00
		± 12582912.00
		± 25165824.00
		± 50331648.00
		± 100663296.00
		± 201326592.00
		± 402653184.00
		± 805306368.00
		± 1610612736.00
		± 3221225472.00
		± 6442450944.00
		± 12884901888.00
		± 25769803776.00
		± 51539607552.00
		± 103079215104.00
		± 206158430208.00
		± 412316860416.00
		± 824633720832.00
		± 1649267441664.00
		± 3298534883328.00
		± 6597069766656.00
		± 13194139533312.00
		± 26388279066624.00
		± 52776558133248.00
		± 105553116266496.00
		± 211106232532992.00
		± 422212465065984.00
		± 844424930131968.00
		± 1688849860263936.00
		± 3377699720527872.00
		± 6755399441055744.00
		± 13510798882111488.00
		± 27021597764222976.00
		± 54043195528445952.00
		± 108086391056891904.00
		± 216172782113783808.00
		± 432345564227567616.00
		± 864691128455135232.00
		± 1729382256910270464.00
		± 3458764513820540928.00
		± 6917529027641081856.00
		± 13835058055282163136.00
		± 27670116110564326272.00
		± 55340232221128652544.00
		± 110680464422257305088.00
		± 221360928844514610176.00
		± 442721857689029220352.00
		± 885443715378058440704.00
		± 1770887430756116881408.00
		± 3541774861512233762816.00
		± 7083549723024467525632.00
		± 14167099446048935051264.00
		± 28334198892097870102528.00
		± 56668397784195740205056.00
		± 113336795568391480410112.00
		± 226673591136782960820224.00
		± 453347182273565921640448.00
		± 906694364547131843280896.00
		± 1813388729094263686561792.00
		± 3626777458188527373123584.00
		± 7253554916377054746247168.00
		± 14507109232754109492494336.00
		± 29014218465508218984998672.00
		± 58028436931016437969997344.00
		± 116056873862032875939994688.00
		± 232113747724065751879989376.00
		± 464227495448131503759978752.00
		± 928454990896263007519957504.00
		± 1856909981792526015039915008.00
		± 3713819963585052030079830016.00
		± 7427639927170104060159660032.00
		± 14855279854340208120319320064.00
		± 29710559708680416240638640128.00
		± 59421119417360832481277280256.00
		± 11884223883472166496255556512.00
		± 237684477669443329925111110224.00
		± 475368955338886659841022220448.00
		± 950737910677773319682044440896.00
		± 1901475821355546639364088881792.00
		± 3802951642711093278728177773584.00
		± 76059032854221865574563555541664.00
		± 152118065708443731149127111113328.00
		± 304236131416887462298254222226656.00
		± 608472262833774924596508444453312.00
		± 1216944525667549849193216888866624.00
		± 2433889051335099698386437777333248.00
		± 4867778102670199396772875555666496.00
		± 9735556205340398793545651111332992.00
		± 1947111241068079758709122222665984.00
		± 3894222482136159517418244445331968.00
		± 7788444964272319034836488890663936.00
		± 15576889928544638069672977773337872.00
		± 3115377985708927613934595555667564.00
		± 6230755971417855227869191111335128.00
		± 1246151194283571045573838222267056.00
		± 2492302388567142091147664444540112.00
		± 4984604777134284182289328888880224.00
		± 9969209554268568364578657777760448.00
		± 19938419108537136971557315555520896.00
		± 39876838217074273943114631111413792.00
		± 79753676434148547886229262222267584.00
		± 159507352868297095772454524445411968.00
		± 319014705736594191544909048888833936.00
		± 6380294114731883830898187777767872.00
		± 127605882354637676617973755555541564.00
		± 255211764709275353235947511113311328.00
		± 5104235294185507064718948222266227056.00
		± 1020847058837101412935789644454044112.00
		± 204169411767420282587157888888088224.00
		± 408338823534840565174315577777617448.00
		± 816677647069681130348631155555522896.00
		± 16333552941393662606972631111413792.00
		± 3266710588378332413944522222667584.00
		± 65334211767566648278890444454011968.00
		± 1306684235351332965577818888833936.00
		± 26133684707026659311557375555541564.00
		± 52267369414053318623111413792.00
		± 1045347388281066372462222667584.00
		± 20906947765621327449244454011968.00
		± 418138955312446548984888833936.00
		± 8362779106248930799697777617448.00
		± 1672555821497786159995555522896.00
		± 33451116429955723999111413792.00
		± 669022328599114479982222667584.00
		± 13380446571982289599644454011968.00
		± 267608931439645791992888833936.00
		± 5352178628792915839857777617448.00
		± 10704357257585831679715555522896.00
		± 214087145151716633594311413792.00
		± 4281742903034332671886222667584.00
		± 856348580606866534377244454011968.00
		± 171269716121373306875488833936.00
		± 34253943224274661377509777617448.00
		± 68507886448549322751119555522896.00
		± 1370157728970986455022311413792.00
		± 2740315457941972910044222667584.00
		± 548063091588394582008844454011968.00
		± 1096126183176789164017777617448.00
		± 219225236635357832803555522896.00
		± 43845047327071566560711413792.00
		± 876900946541431331214222667584.00
		± 175380189308286266242844454011968.00

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

MODEL	CY	VARIATION COMPOSITION
PC05-C	60	READER PUNCH & DRIVER
PC05-CA	50	READER PUNCH & DRIVER
PC05-P		PUNCH
PC05-PA	50	PUNCH
PC05-R		READER

- NOTES:**
1. WIRING OF SWITCHES VARIES DEPENDS ON UNIT MODEL BEING BUILT, FOR SWITCH CONFIGURATION, FOR WIRING PURPOSES SEE DETAIL A FOR MODEL "C" AND "CA", DETAIL B FOR MODEL "P" AND "PA", AND DETAIL C FOR MODEL "R". 60 CY HAS NO EFFECT.
 2. IF THE TRIAC DRIVER UNIT IS USED, THIS WIRE WILL CONNECT TO TRIAC DRIVER TERMINAL T1. IF THE UNIT IS NOT USED, THE WIRE WILL CONNECT TO TS-6 AND END. FOR CORRECT WIRING WHEN THE UNIT IS USED, SEE TRIAC DRIVER WIRE LIST. (SHEET 3).
 3. REMOVE CLAMP FROM CHASSIS PLATE ~~ABLE~~ IN POSITION, THEN REINSTALL CLAMP IN POSITION OVER TABLE.
 4. COVER ASSY TO BE ATTACHED TO CHASSIS ONLY AFTER ALL OTHER INSTALLATIONS ARE COMPLETE. TO DO SO, READER KNOB MUST BE REMOVED, COVER INSTALLED, THEN KNOB REPLACED ON READER SHAFT.
 5. ON MODELS "P" AND "PA" THIS WIRE WILL BE TIED BACK AND WHITE SHRINKABLE TUBING (ITEM 43) ADDED AS REQD.
 6. FOR REFERENCE SEE DRAWING INDEX D-DI-PC05-0-1
 7. ON MODELS PC05 C, CA, P, PA THESE WIRES WILL BE BUSSED TOGETHER AT COMMON TERMINAL ON SWITCH PANEL. ON "R" MODEL THESE WIRES WILL BE CONNECTED AS USUAL TO THEIR APPROPRIATE TERMINALS.
 8. MODULE HOLD DOWN BAR TO BE INSTALLED BEFORE SHIPPING MACHINE.



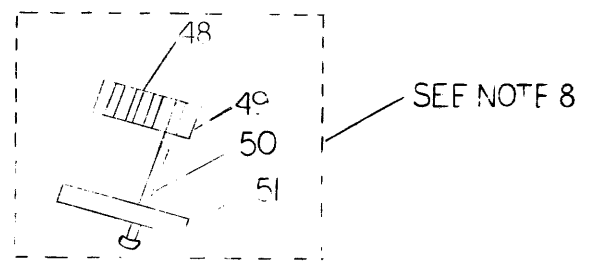
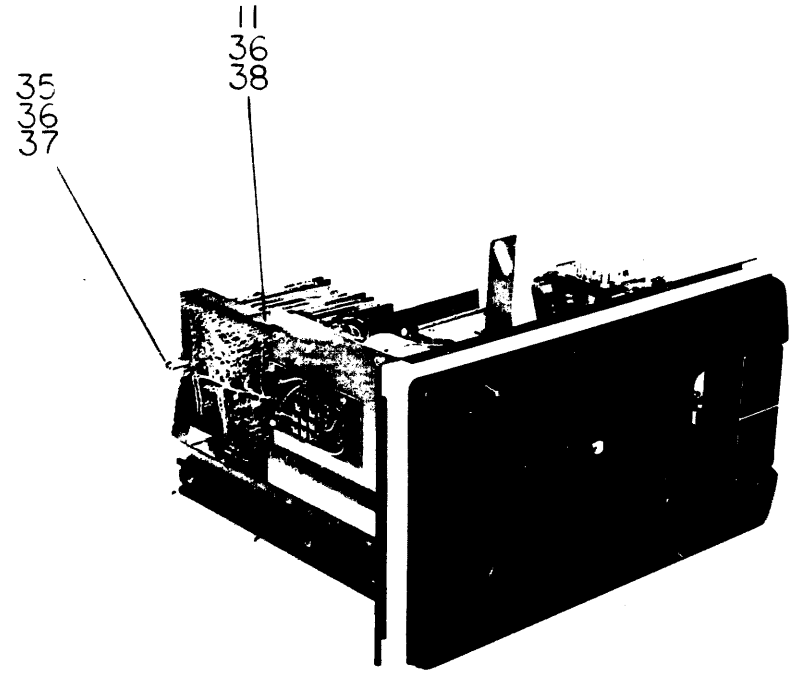
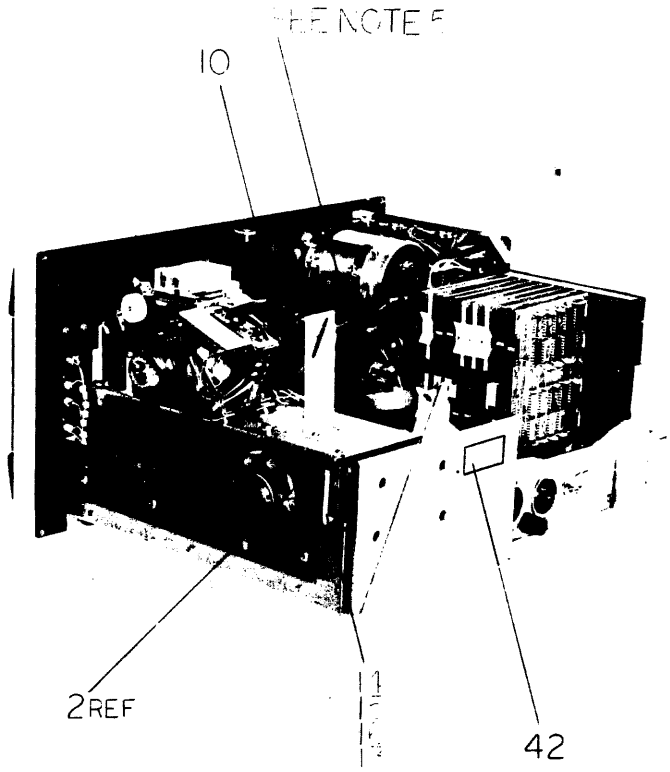
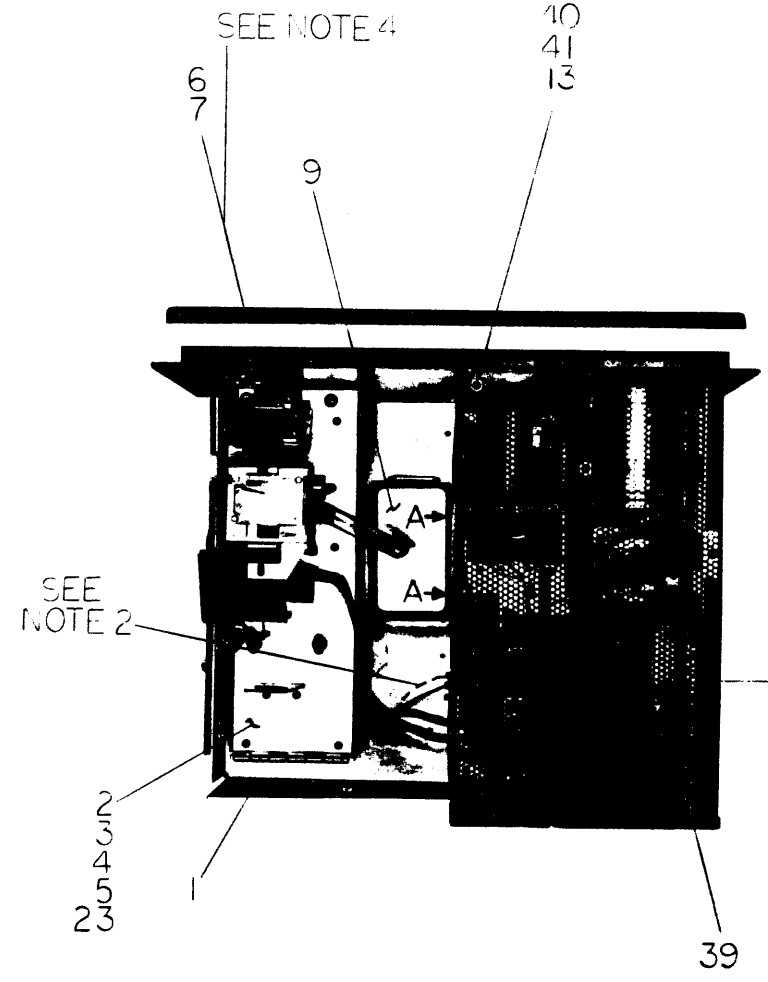
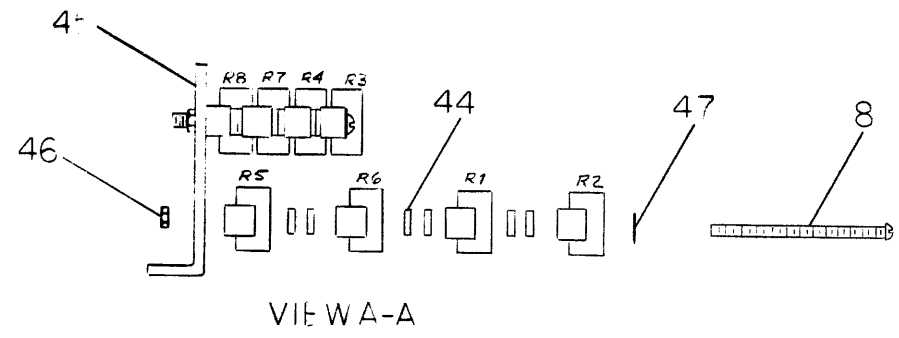
REV.	CHANGE NO.	BY	DATE
A	00002	G. BECKNER	12/17/67
B	00004	G. BECKNER	12/17/67
C	00007	G. BECKNER	12/17/67
D	00014	G. BECKNER	12/17/67
E	00021	G. BECKNER	12/17/67
F	00019	G. BECKNER	12/17/67
G	00027	G. BECKNER	12/17/67
H	00028	G. BECKNER	12/17/67
I	00029	G. BECKNER	12/17/67
J	0002	G. BECKNER	12/17/67
K	00018	G. BECKNER	12/17/67
L	00019	G. BECKNER	12/17/67
M	0001	G. BECKNER	12/17/67
N	00024	G. BECKNER	12/17/67
O	00025	G. BECKNER	12/17/67
P	00025	G. BECKNER	12/17/67
Q	00027	G. BECKNER	12/17/67
R	00027	G. BECKNER	12/17/67
S	00028	G. BECKNER	12/17/67
T	00028	G. BECKNER	12/17/67
U	00028	G. BECKNER	12/17/67
V	00028	G. BECKNER	12/17/67
W	00028	G. BECKNER	12/17/67
X	00028	G. BECKNER	12/17/67
Y	00028	G. BECKNER	12/17/67
Z	00028	G. BECKNER	12/17/67

REV.	CHANGE NO.	BY	DATE
A	00002	G. BECKNER	12/17/67
B	00004	G. BECKNER	12/17/67
C	00007	G. BECKNER	12/17/67
D	00014	G. BECKNER	12/17/67
E	00021	G. BECKNER	12/17/67
F	00019	G. BECKNER	12/17/67
G	00027	G. BECKNER	12/17/67
H	00028	G. BECKNER	12/17/67
I	00029	G. BECKNER	12/17/67
J	0002	G. BECKNER	12/17/67
K	00018	G. BECKNER	12/17/67
L	00019	G. BECKNER	12/17/67
M	0001	G. BECKNER	12/17/67
N	00024	G. BECKNER	12/17/67
O	00025	G. BECKNER	12/17/67
P	00025	G. BECKNER	12/17/67
Q	00027	G. BECKNER	12/17/67
R	00027	G. BECKNER	12/17/67
S	00028	G. BECKNER	12/17/67
T	00028	G. BECKNER	12/17/67
U	00028	G. BECKNER	12/17/67
V	00028	G. BECKNER	12/17/67
W	00028	G. BECKNER	12/17/67
X	00028	G. BECKNER	12/17/67
Y	00028	G. BECKNER	12/17/67
Z	00028	G. BECKNER	12/17/67

REV. R
NUMBER
PC05-0-0
DUA
SIZE CODE

A

Dimensions and specifications herein are the property of Digital Equipment Corporation and shall not be reproduced, stored in a retrieval system, or used in whole or in part as a basis for the manufacture or sale of items without written permission.



REV. CHANGE NO. CHK

FIRST USE/CON. OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PC05				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED	DRN.	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED	CHK'D.	DATE		
TOLERANCES	ENG.	DATE		
DECIMALS FRACTIONS ANGLES	PROJ. ENG.	DATE		
±.005 ± 1/64 - 0°30'	DATE	DATE	TITLE PC05 READER AND PUNCH	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	DATE	DATE		
MATERIAL	NEXT HIGHER ASSY		SIZE CODE	NUMBER
+ +	A-MI-PC05-0		D UA	PC05-0-0
FINISH	SCALE	TYP	DIST.	REV.
+ +	SHEET	2 OF 3		

DATE CODE NUMBER
 D UA PC05-0-0

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part on the basis for the manufacture or sale of items without written permission.

TRIAC DRIVER WIRE LIST

JUMPER CONNECTIONS			
WIRE	COLOR	CONNECTION	REMARKS
HARN WIRE #9	RED	T1	SEE NOTE 2
PUNCH MOT LEAD	BLK/YEL	T2	
T3	WHT/BLU	A11B2	
T4	RED	A11A2	
T5	GRN	A12N2	

PUNCH WIRE LIST

HARNESS CONNECTIONS			
COLOR	WIRE NO.	LOCATION	REMARKS
BLK	5	PNCH SW1 TAB 5	SEE NOTE 1 SHEET 1
WHT	6	PNCH SW1 TAB 6	
RED	7	SWITCH PANEL TAB 7	SEE NOTE 7 SHEET 1
RED	8	SWITCH PANEL TAB 8	
RED	9	TS6	SEE NOTE 2 SHEET 1
GY/RED	8	DO NOT CONNECT	SEE NOTE 5
BLK	15	B12C2 (GND)	
WHT	16	A05T2	

READER WIRE LIST

HARNESS CONNECTIONS			
COLOR	WIRE NO.	LOCATION	REMARKS
YEL	1	RDR SW2 TAB 1	SEE NOTE 1 SHEET 1
WHT/BLK	2	RDR SW2 TAB 2	
WHT/YEL	3	RDR SW1 TAB 3	
BRN	4	RDR SW1 TAB 4	
YEL	11	B04M1	
WHT/BLK	12	B11A2 (+5)	
WHT/YEL	13	A11T1	
BRN	14	B04U1	
GY/RED	8	R9	

HARNESS CONNECTIONS

COLOR	WIRE NO.	LOCATION	REMARKS
BLK	27	GND LUG	LOGIC GND
GY/YEL	29	A12B2	
GRN	31	A05V2	
BLK	28	GND LUG	LOGIC GND
GY/RED	30	A12A2	
GRN	32	A10V2	

JUMPER CONNECTIONS

WIRE	CONNECTIONS			
ITEM NO.	COLOR	TYPE ITEM	FROM	TO
25	WHT	26	SEE BELOW	TS-7

JUMPER CONNECTIONS

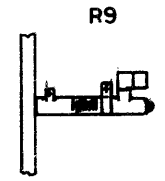
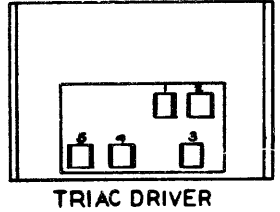
WIRE	CONNECTIONS			
ITEM NO.	COLOR	TYPE ITEM	FROM *	TO
27	WHT/VIO	NONE	R1 & R2	TS-1
28	WHT/YEL		R3 & R4	TS-2
29	WHT/ORN		R5 & R6	TS-3
30	WHT/BRN		R7 & R8	TS-4
31	VIO		R1	B08R2
31	VIO		R2	B08S2
32	YEL		R3	B07R2
32	YEL		R4	B07S2
33	ORN		R5	A10R2
33	ORN		R6	A10S2
34	BRN		R7	A09R2
34	BRN	NONE	R8	A09S2

* THIS END CONNECTS TO CAPACITOR ON PUNCH CHASSIS, ON TERMINAL WITH BLUE WIRE ATTACHED

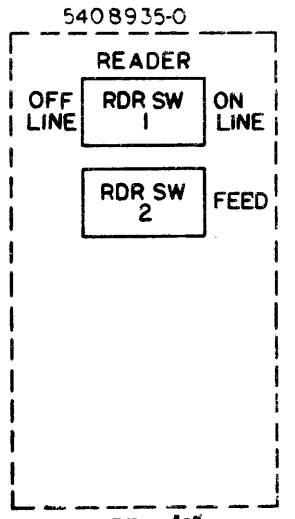
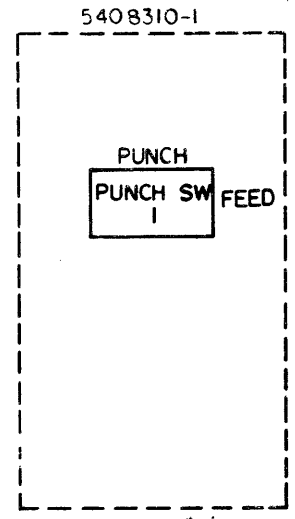
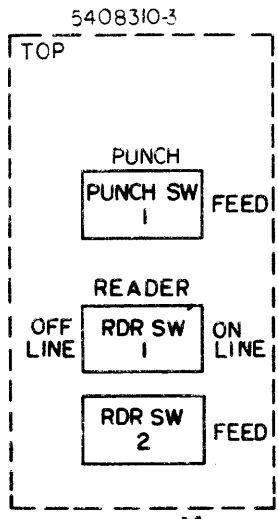
* FOR RESISTOR CONFIGURATION SEE VIEW A-A SHEET 2

READER MOTOR CONNECTIONS

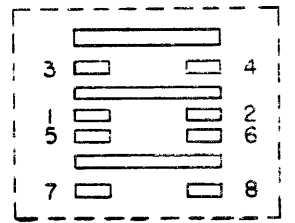
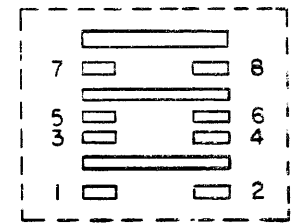
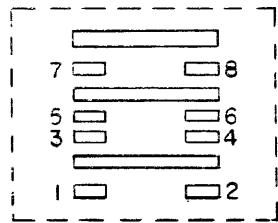
COLOR	FROM	TO	REMARKS
WHT/RED	RDR MOTOR	TS-1	
RED		TS-2	
WHT/GRN		TS-3	
GRN		TS-4	
WHT & BLK	RDR MOTOR	TS-5	



FRONT VIEW



REAR VIEW



REVISIONS	REV.
CHANGE NO.	
CHK	

FIRST USED ON OPTION/MODEL PC05	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
digital EQUIPMENT CORPORATION MAYFORD, MASSACHUSETTS				
TITLE PC05 READER AND PUNCH				
NEXT HIGHER ASSY A-ML-PC05-0				
SCALE NONE				
SHEET 3 OF 3				
SIZE CODE NUMBER DUA PC05-0-0				
REV. R				

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			QUANTITY / VARIATION				
PARTS LIST			PC05-C	PC05-CA	PC05-P	PC05-PA	PC05-R
MADE BY P. MARCOTTE	CHECKED <i>P. Marcotte</i>	SECTION					
DATE 6/19/69	DATE 6/24/69	ISSUED SECT.					
ENG <i>P. Beckman 7/1/69</i>	PROD <i>P. Beckman</i>	ISSUED SECT.					
DATE 7/1/69	DATE 7/2/69	ISSUED SECT.					
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	PC05-C	PC05-CA	PC05-P	PC05-PA	PC05-R
1	D-AD-7006246-0-0	CHASSIS AND POWER SUPPLY ASSY	1	1	1	1	1
2	D-AD-7006248-1-0	PUNCH ASSY (60 CY)	1		1		
2	D-AD-7006248-2-0	PUNCH ASSY (50 CY)		1		1	
3	9006021-1	SCR, PHL PAN HD 6-32 x 5/16 LG SST	6	6	6	6	4
4	9006560	NUT, KEPS 6-32	2	2	2	2	
5	9006070-1	SCR PHL PAN HD 10-32 x 5/16 LG SST	2	2	2	2	
6	D-AD-7006252-5-0	COVER ASSY (PUNCH)			1	1	
6	D-AD-7006252-3-0	COVER ASSY (READER)					1
6	D-AD-7006252-4-0	COVER ASSY (COMB)	1	1			
7	9006042-2	SCR, PHL PH 8-32 x 1 LG SST	4	4	4	4	4
8	9006083-1	SCR, PHL PAN HD 10-32 x 2-1/2 LG SST	4	4			4
9	C-MD-7405300-0-0	CHAD BOX	1	1	1	1	
10	D-UA-7006247-0-0	READER ASSY	1	1			1
11	C-AD-7006253-0-0	BUS BAR PC05	1	1	1	1	1
12	9006022-1	SCR, PHL PAN HD 6-32 x 3/8 LG SST	3	3	3	3	3
13	9006633	WASHER, INT TOOTH #6	15	15	9	9	13
14	C-AD-7006520-0-0	TRIAC DRIVER ASSY	1	1	1	1	
15	9006026-1	SCR, PHL PAN HD 6/32 x 3/4 LG SST	2	2			
16	9006801	SPACER 1/4 AF x 3/8 LG #6 HOLE	2	2			
17	D-AD-7006252-1-0	COVER ASSY (PUNCH)	1	1	1	1	1
18	C-AD-5408310-1-0	SWITCH ASSY			1	1	
18	C-AD-5408935-0-0	SWITCH ASSY					1

TITLE	ASSY NO.	SIZE CODE	NUMBER	REV.	ECO NO.
PC05 READER, PUNCH, DRIVER	D-UA-PC05-0-0	A PL	PC05-0-0	R	00027
SHEET 1 OF 3		DIST. G			

DEC FORM NO. DRA 110

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			QUANTITY / VARIATION				
PARTS LIST			PC05-C	PC05-CA	PC05-P	PC05-PA	PC05-R
MADE BY P. MARCOTTE	CHECKED <i>P. Marcotte</i>	SECTION					
DATE 6/19/69	DATE 6/24/69	ISSUED SECT.					
ENG <i>P. Beckman 7/1/69</i>	PROD <i>P. Beckman</i>	ISSUED SECT.					
DATE 7/1/69	DATE 7/2/69	ISSUED SECT.					
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	PC05-C	PC05-CA	PC05-P	PC05-PA	PC05-R
18	C-AD-5408310-3-0	SWITCH ASSY	1	1			
19	D-MD-7407131-0-0	TAPE CONTAINER	1	1	1	1	
20	9006011-2	SCR, PHL PH 4-40 x 3/8 LG SST	2	2	2	2	
21	9006556	NUT, HEX 4-40	2	2	2	2	8
22	9006632	WASHER, INT TOOTH #4	2	2	2	2	8
23	9006635	WASHER, INT TOOTH #10	2	2	2	2	
24	1309896	RES, 25 OHM 40W ± 5%	8	8			8
25	9107360-99	18 AWG STRD TEFLON WHT	A/RA/R	A/RA/R	A/R	A/R	
26	9007917	SOLDERLESS CONN	6	6	6	6	4
27	9107400-97	22 AWG STRD TEFLON TRACER WHT/VIO	A/RA/R				A/R
28	9107400-94	22 AWG STRD TEFLON TRACER WHT/YEL	A/RA/R				A/R
29	9107400-93	22 AWG STRD TEFLON TRACER WHT/ORN	A/RA/R				A/R
30	9107400-91	22 AWG STRD TEFLON TRACER WHT/BRN	A/RA/R				A/R
31	9107470-77	24 AWG SOLID KYNAR VIO	A/RA/R				A/R
32	9107470-44	24 AWG SOLID KYNAR YEL	A/RA/R				A/R
33	9107470-33	24 AWG SOLID KYNAR ORN	A/RA/R				A/R
34	9107470-11	24 AWG SOLID KYNAR BRN	A/RA/R				A/R
35	9006043-1	SCR, PHL PAN HD 8-32 x 1" LG SST	1	1	1	1	1
36	9006634	WASHER INT TOOTH #8	2	2	2	2	2
37	9006823	SPACER 3/8 AF x 3/4 LG	1	1	1	1	1
38	9006040-1	SCR, PHL PAN HD 8-32 x 5/8 LG SST	1	1	1	1	1
39	E-IA-7407438-0-0	POWER SUPPLY COVER	1	1	1	1	1

TITLE	ASSY NO.	SIZE CODE	NUMBER	REV.	ECO NO.
PC05 READER, PUNCH, DRIVER	D-UA-PC05-0-0	A PL	PC05-0-0	R	
SHEET 2 OF 3		DIST. G			

DEC FORM NO. DRA 110

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			QUANTITY / VARIATION				
PARTS LIST			PC05-C	PC05-CA	PC05-P	PC05-PA	PC05-R
MADE BY P. MARCOTTE	CHECKED <i>P. Marcotte</i>	SECTION					
DATE 6/19/69	DATE 6/24/69	ISSUED SECT.					
ENG <i>P. Beckman 7/1/69</i>	PROD <i>P. Beckman</i>	ISSUED SECT.					
DATE 7/1/69	DATE 7/2/69	ISSUED SECT.					
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	PC05-C	PC05-CA	PC05-P	PC05-PA	PC05-R
40	9006024-1	SCR, PHL PAN HD 6-32 x 1/2 LG SST	6	6	2	2	6
41	9006653	WASHER, FLAT #6 SST	5	5	5	5	5
42	9008141	DEC NAME TAG	1	1	1	1	1
43	9107252-09	WHITE SINKABLE TUBING					A/RA/R
44	9006664	WASHER #10 SST	24	24			24
45	C-MD-7408091-0-0	BRKT, RESISTOR	1	1			1
46	9006565	NUT, KEP 10-32 SST	4	4			4
47	9006635	WASHER INT. TOOTH #10	4	4			4
48	9007799-6	SCR, PHL, FILLISTER HD 8-32X 1 1/2	1	1	1	1	1
49	1209850	UNIVERSAL RETAINER	1	1	1	1	1
50	C-IA-7405642-0-0	SCR MODULE RETAINER	1	1	1	1	1
51	C-IA-7408339-7-0	HOLD DOWN BAR 6"	1	1	1	1	1
52	C-IA-7407134-3-0	BEZEL SWITCH					1
52	C-IA-7407134-4-0	BEZEL SWITCH	1	1			
52	C-IA-7407134-5-0	BEZEL SWITCH			1	1	
53	9006558	NUT-HEX # 6-32 SST	2	2	2	2	2
54	9006633	WASHER INT TOOTH LOCK #6	2	2	2	2	2
55	9006656	WASHER FLAT	2	2	2	2	2
56	A-PI-3700024-0-0	PACKAGING INSTRUCTIONS	1	1	1	1	1
57	A-PI-3700123-0-0	PACKAGING INSTRUCTIONS	1	1	1	1	1

TITLE	ASSY NO.	SIZE CODE	NUMBER	REV.	ECO NO.
PC05 READER, PUNCH, DRIVER	D-UA-PC05-0-0	A PL	PC05-0-0	R	
SHEET 3 OF 3		DIST. G			

DEC FORM NO. DRA 110

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

- NOTES:**
1. DOTTED LINES INDICATE POSSIBLE CONNECTIONS BETWEEN POWER SUPPLY, READER PUNCH AND TRIAC DRIVER. SEE LEGEND.
 2. THE UNCIRCLED NUMBERS 1 THRU 7 REFER TO CONNECTIONS ON REGULATOR BOARD.
 3. THIS PHOTO-TRANSISTOR USED TO DETECT OUT OF TAPE.
 4. CIRCLED NUMBERS 1 THRU 53 ARE WIRE NUMBERS. SEE TABLE.
 5. WIRE #15 AND #38 ARE BUSSED TOGETHER ON 'C', 'CA', 'P', 'PA' MODELS ONLY. ON 'R' MODEL THESE WIRES WILL BE CONNECTED AS USUAL TO THEIR APPROPRIATE TABS.
 6. WHEN M/10 CKT REV H & HIGHER IS USED, DELETE K303 MODULE.

WIRE TABLE

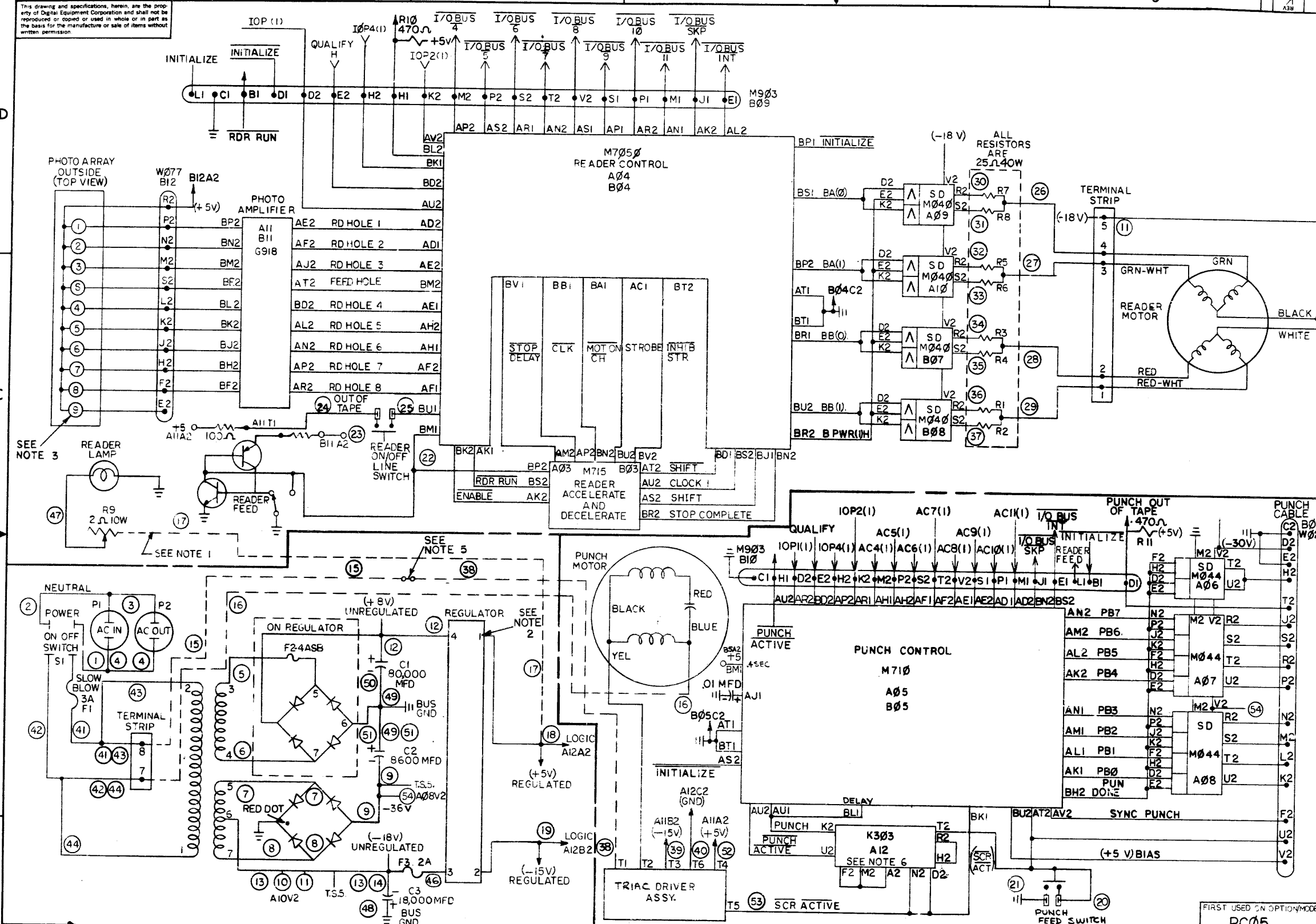
WIRE NO.	COLOR	WIRE NO.	COLOR
1	RED	24	WHITE-YELLOW
2	WHITE	25	BROWN
3	WHITE	26	WHITE-BROWN
4	RED	27	WHITE-ORANGE
5	ORANGE	28	WHITE-YELLOW
6	GRAY-BLUE	29	WHITE-VIOLET
7	GRAY-WHITE	30	BROWN
8	YELLOW	31	BROWN
9	BLUE	32	ORANGE
10	GREEN	33	ORANGE
11	GREEN	34	YELLOW
12	GRAY-VIOLET	35	YELLOW
13	GREEN	36	VIOLET
14	GREEN	37	VIOLET
15	RED	38	RED
16	WHITE	39	WHITE-BLUE
17	GRAY-RED	40	WHITE-GREEN
18	GRAY-RED	41	RED
19	GRAY-YELLOW	42	WHITE
20	WHITE	43	RED
21	BLACK	44	WHITE
22	YELLOW		
23	WHITE-BLACK	46	GREEN
48 THRU 51	BLACK	47	GRAY-RED
52	GREEN	53	RED
54	BLUE		

LEGEND

CONNECTIONS	MODEL	PC05-C	PC05-P	PC05-R
PWR SUP TO READER	PC05-CA	PC05-PA	PC05-PA	PC05-R
PWR SUP TO PUNCH	PC05-CA	PC05-CA	PC05-CA	PC05-CA
TRIAC DRVR TO PUNCH	PC05-CA	PC05-CA	PC05-CA	PC05-CA
PWR SUP TO TRIAC DRIVER	PC05-CA	PC05-CA	PC05-CA	PC05-CA

PARTS LIST

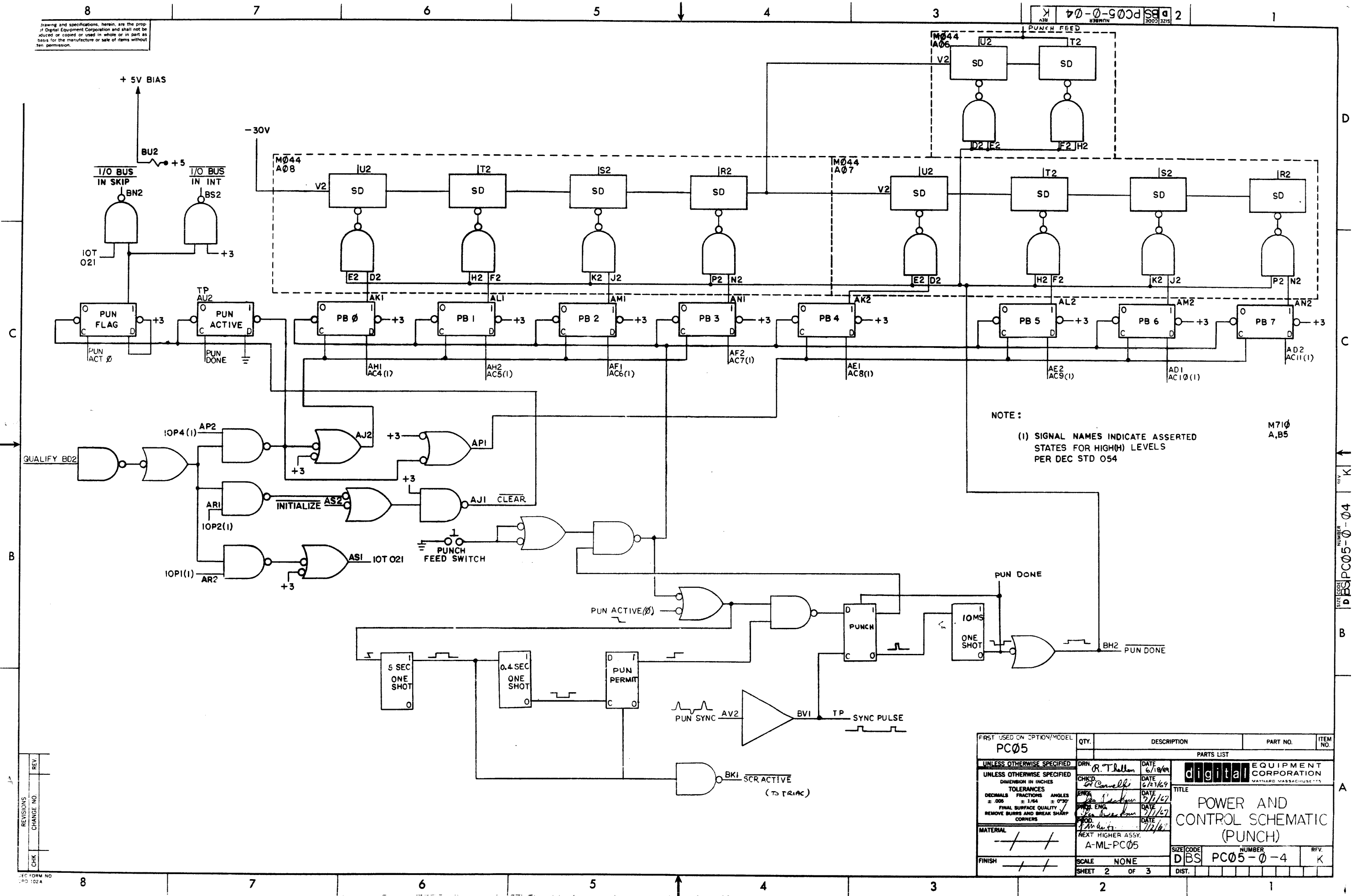
QTY.	DESCRIPTION	PART NO.	ITEM NO.
	UNLESS OTHERWISE SPECIFIED		
	UNLESS OTHERWISE SPECIFIED		
	TOLERANCES		
	DECIMALS FRACTIONS ANGLES		
	±.005 ±1/64 ±0°30'		
	FINAL SURFACE QUALITY		
	REMOVE BURRS AND BREAK SHARP CORNERS		
	MATERIAL		
	NEXT HIGHER ASST.		
	FINISH		



REVISIONS

REV.	CHANGE NO.	DESCRIPTION
A	PC05-00003	...
B	PC05-00005	...
C	PC05-00016	...
D	PC04-00023	...
E	PC04-00025	...
F	PC05-00021	...
G	PC05-00022	...
H	PC05-00022	...
I	PC05-00022	...
J	PC05-00024	...
K	PC05-00026	...
L	PC05-00026	...
M	PC05-00026	...
N	PC05-00026	...
O	PC05-00026	...
P	PC05-00026	...
Q	PC05-00026	...
R	PC05-00026	...
S	PC05-00026	...
T	PC05-00026	...
U	PC05-00026	...
V	PC05-00026	...
W	PC05-00026	...
X	PC05-00026	...
Y	PC05-00026	...
Z	PC05-00026	...

Drawing and specifications herein are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as basis for the manufacture or sale of items without their permission.



NOTE:
(1) SIGNAL NAMES INDICATE ASSERTED STATES FOR HIGH(H) LEVELS PER DEC STD 054

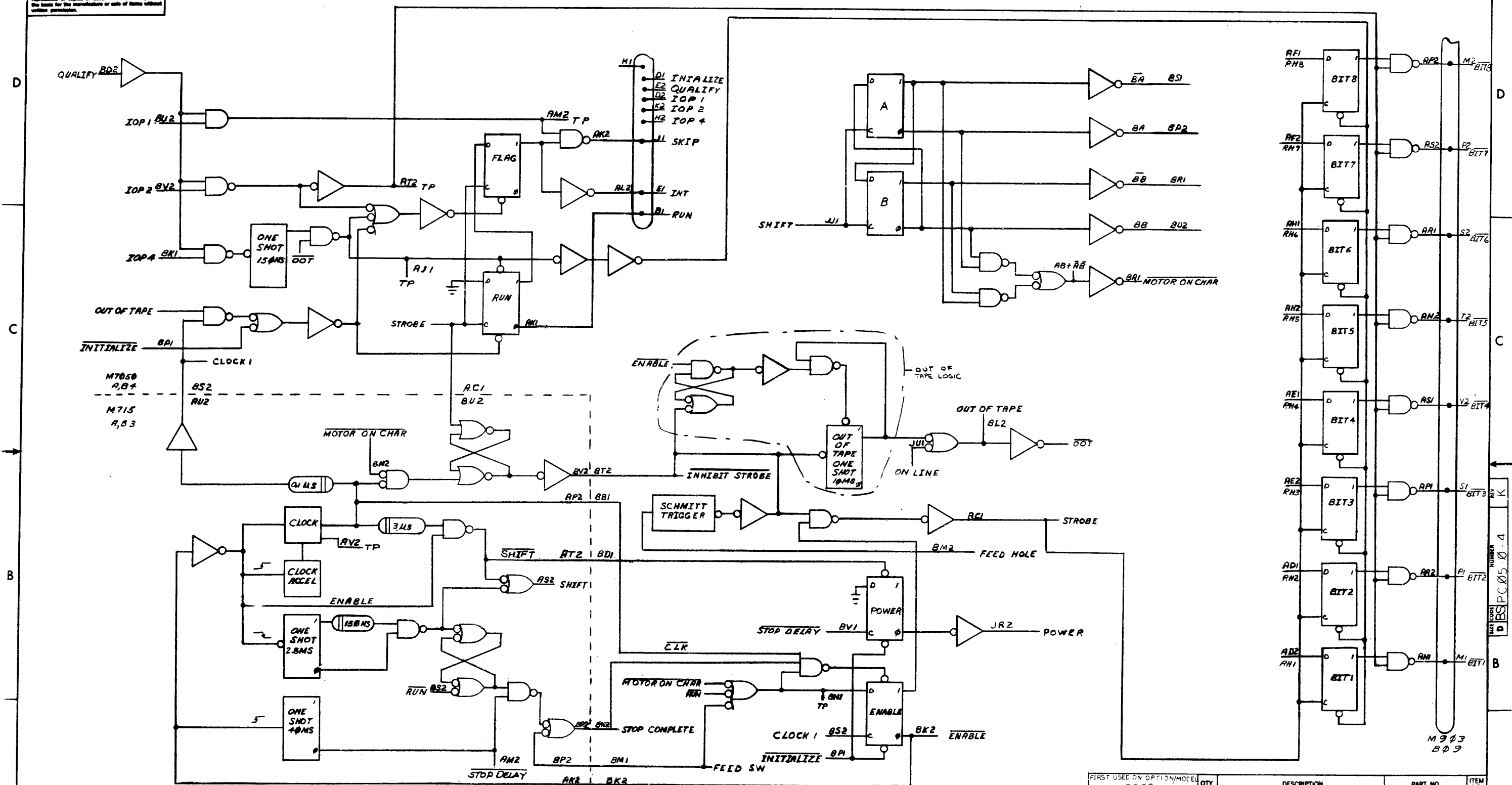
M710
A,B5

REV	CHANGE NO.

PC05	QTY.	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED				
DRN. R. T. Shelton	DATE 6/18/69	PARTS LIST		
CHK'D G. Connelly	DATE 6/23/69	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		
TITLE				
POWER AND CONTROL SCHEMATIC (PUNCH)				
MATERIAL				
NEXT HIGHER ASSY.				
A-ML-PC05				
SCALE NONE				
SIZE CODE D BS				
NUMBER PC05-0-4				
SHEET 2 OF 3				
DIST.				

The drawing and specifications herein are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

SIZE CODE DBSPC05-0-4
 NUMBER 2
 REV K



FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PC05				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES	DRN R THELLEN	DATE 2-7-71	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS CONTR. AN. POWER SCHEMATIC (READER)	
UNLESS OTHERWISE SPECIFIED TOLERANCES	CHK'D. P CARVELLY	DATE		
DECIMALS FRACTIONS ANGLES	ENG. G BECKNER	DATE		
± .005 ± 1/64 ± 0°30'	PROJ. ENG. G BECKNER	DATE		
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	PROD. ANTONUCCIO	DATE		
MATERIAL	NEXT HIGHER ASSY A-ML-PC05-7		SIZE CODE DBSPC05-0-4	NUMBER 2
FINISH	SCALE NONE		REV K	
	SHEET 3 OF 3			

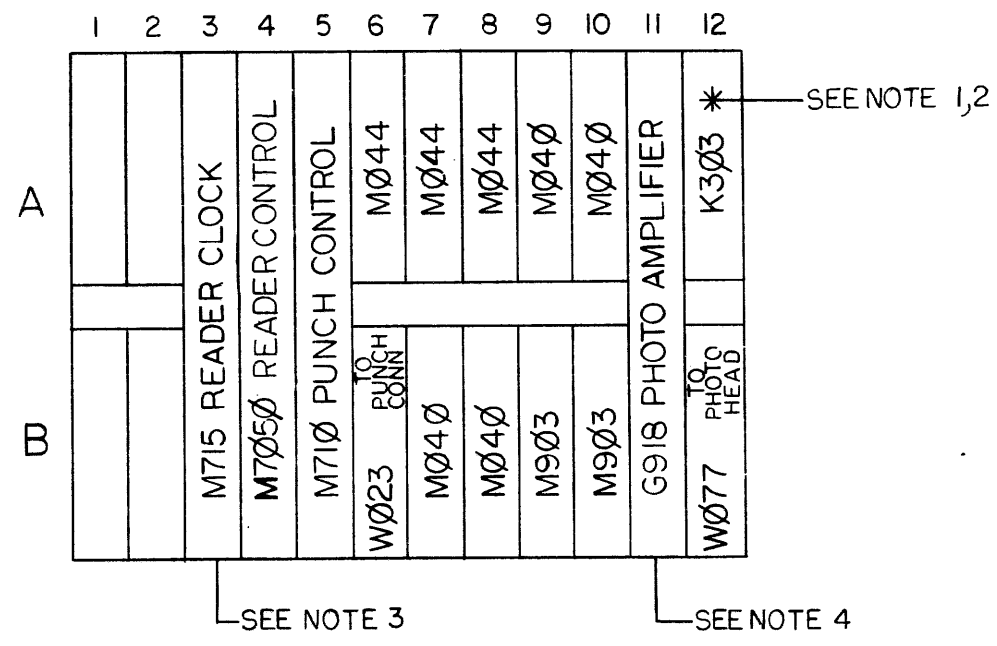
REV.	CHANGE NO.	REVISIONS

FORM NO. 102A

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

MODEL	MODULE LIST
PC05-C, PC05-CA	A3-A12, B6-B12
PC05-P, PC05-PA	A5, A6, A7, A8, A12, B6, B10
PC05-R	A3, A4, A9, A10, A11, B7, B8, B9, B12

- NOTES:
- REF. G-AD-5408231-0-0
 - DELETE THIS MODULE WHEN CKT REV H AND UP OF M710 IS USED. (ETCH F)
 - M715 MUST BE OF REVISION K CIRCUIT OR HIGHER. (ETCH E)
 - G918 MUST BE OF REVISION B CIRCUIT OR HIGHER. (ETCH D)



REV.	CHANGE NO.	CHK	DATE
A	PC05-00001	W. Beckner	2-27-69
B	PC05-00021	W. Beckner	9-3-69
		W. Beckner	9/11/71
		LEIS	3/24/71

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PC05				
UNLESS OTHERWISE SPECIFIED				
DIMENSION IN INCHES		DRN. <i>B. Moretto</i> DATE 6/18/69	PARTS LIST	
TOLERANCES		CHK'D <i>R. Carwell</i> DATE 6/20/69	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
DECIMALS ± .005	FRACTIONS ± 1/64	ENG. <i>G. Beckner</i> DATE 7/1/69	TITLE	
ANGLES ± 0°30'		PROJ. ENGR. <i>G. Beckner</i> DATE 7/1/69	MODULE UTILIZATION LIST PC05	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS		PROD. <i>R. Williams</i> DATE 7/2/69	NEXT HIGHER ASSY.	
MATERIAL		A-ML-PC05-0		
FINISH		SCALE	SIZE CODE	NUMBER
+ + +		+ + +	CMU	PC05-0-3
		SHEET 1 OF 1	DIST.	REV. B

REV. B
NUMBER PC05-0-3
SIZE CODE CMU

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

QUANTITY / VARIATION

MADE BY P. MARCOTTE	CHECKED <i>R. Carrell</i>	SECTION
DATE 6/18/69	DATE 6/20/69	1
ENG <i>J. Decker</i>	PROD	ISSUED SECT.
DATE 7/1/69	DATE 7/2	1

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	QUANTITY / VARIATION																	
			PC05-C	PC05-CA	PC05-F	PC05-FA	PC05-R													
1	G918	PHOTO AMPLIFIER	1	1			1													
2	C-AD-5408231-0-0	TIMER, (K303 WITH K374, K376 & K378)	1	1	1	1														
3	M040	SOLENOID DRIVER	4	4					4											
4	M044	SOLENOID DRIVER	3	3	3	3														
5	M705	READER CONTROL	1	1	1	1														
6	M710	PUNCH CONTROL	1	1	1	1														
7	M715	READER CLOCK	1	1					1											
8	M7050	READER CONTROL	1	1					1											
NOTE 1: DELETE 5408231 MODULE WHEN CKT REV H AND HIGHER OF			M710 MODULE IS USED																	

TITLE MODULE UTILIZATION	ASSY NO. C-MU-PC05-0-3	SIZE A	CODE PL	NUMBER PC05-0-3	REV. B	ECO NO. PC05-000021
	SHEET 1 OF 1	DIS				

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

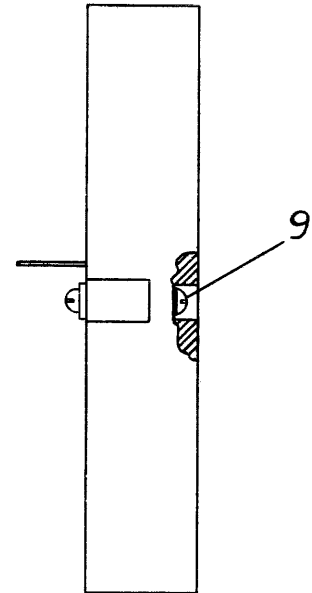
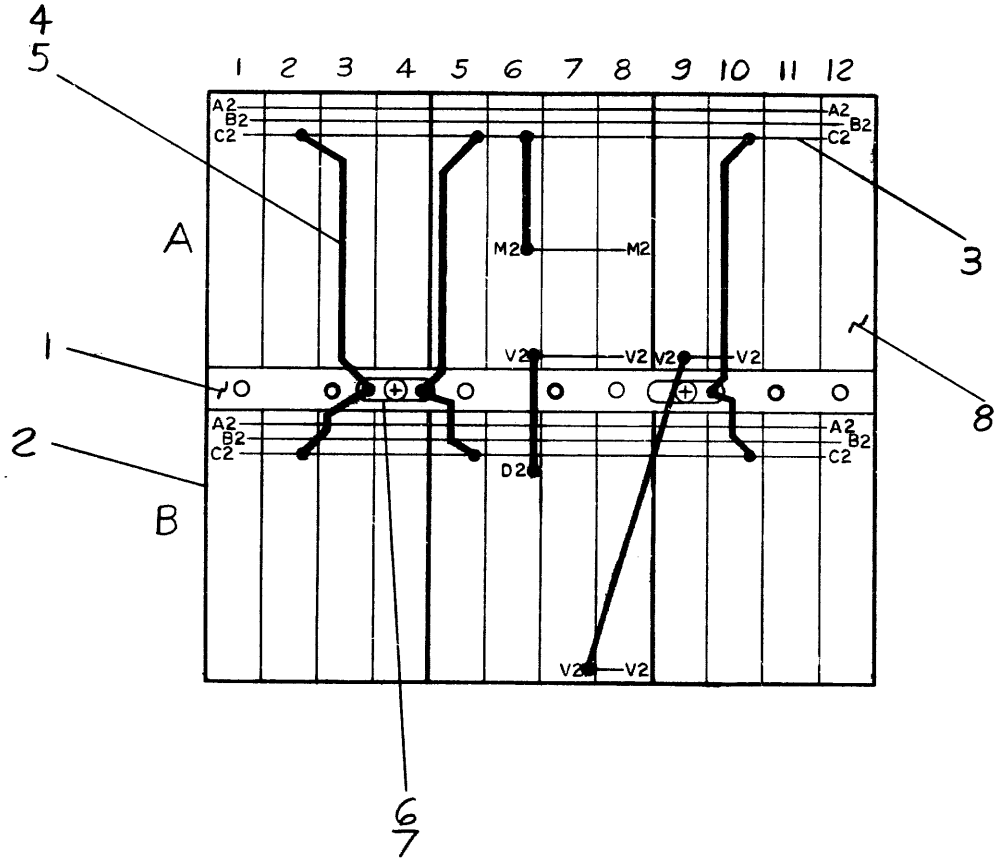
EXTERNAL COMPONENT TABLE

ITEM	COMP.	POL	FROM	TO	POL	REMARKS
10	CAP	+	A03A2	A01C2	-	
10	CAP	+	B01C2	B03B2	-	
11	CAP	+	A05J1	A05C2	-	
13	RES		B09H1	B09A2		
13	RES		B10D1	B10A2		
14	RES		A11T1	A11A2		

NOTES:
 1. CONNECTIONS ON ITEM 3 & 4 TO B SOLDERED AND LOCATED AT MINIMUM PRACTICAL HEIGHT ABOVE BLOCKS.
 2. CONNECTOR BLOCKS TO BE GROUNDED TO GND. LUG AS SHOWN.

D
C
B

D
C
B

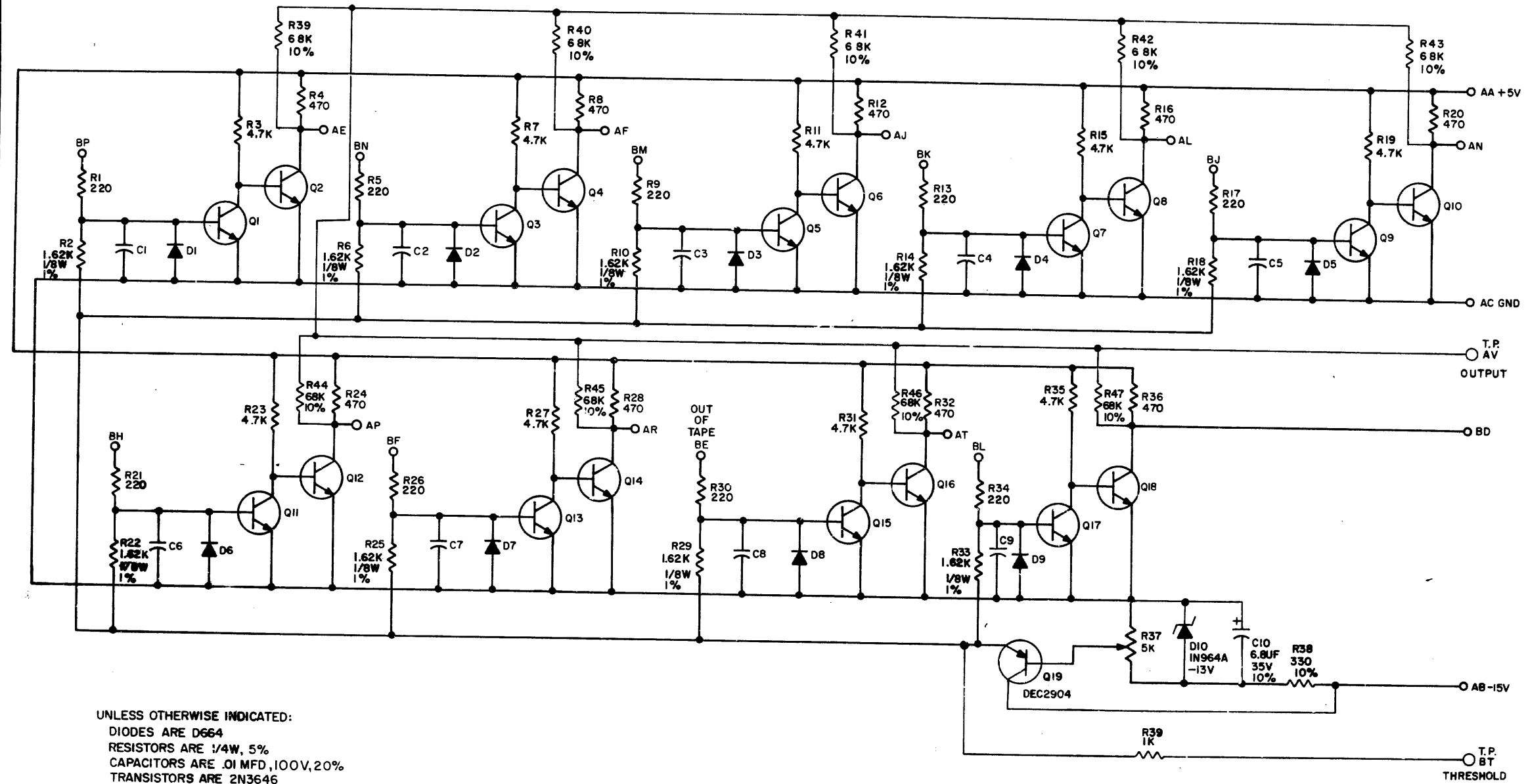


CHK	CHANGE NO.	REV.
	PC05-00003	A
	PC05-00016	B
	PC05-00021	C

E. LUTTIG
 T. Quillman 5-8-70
 YOUSE
 Charles G. Norman
 M. Leis 3/29/71

FIRST USED ON OPTION/MODEL PC05	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED	DRN. P. Moretti	DATE 6/19/69	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED	CHK'D R. Carwell	DATE 6/19/69	TITLE	
DIMENSION IN INCHES	ENG. J. Beckman	DATE 7/1/69	BUS BAR (PC05)	
TOLERANCES	DR. J. Beckman	DATE 7/1/69	SIZE CODE NUMBER REV.	
DECIMALS ± .005	FRACCTIONS ± 1/64	ANGLES ± 0°30'	C AD	7006253-0-0 C
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	FIN. J. Beckman	DATE 7/1/69	DIST.	
MATERIAL	NEXT HIGHER ASSY	D-UAPC05-0-0		
FINISH	SCALE	SHEET 1 OF 1		

THIS SCHEMATIC IS FURNISHED ONLY FOR TEST AND MAINTENANCE PURPOSES. THE CIRCUITS ARE PROPRIETARY IN NATURE AND SHOULD BE TREATED ACCORDINGLY. COPYRIGHT 1969 BY DIGITAL EQUIPMENT CORPORATION



UNLESS OTHERWISE INDICATED:
 DIODES ARE D664
 RESISTORS ARE 1/4W, 5%
 CAPACITORS ARE .01 MFD, 100V, 20%
 TRANSISTORS ARE 2N3646
 ○ INDICATES TEST POINT

REV. B
 NUMBER G918-0-1
 SIZE CODE C CS

REV.	NO.	DATE
1	00001	
2	00002	
3	00003	

DRN. <i>REUTLER</i>	DATE <i>4/1/69</i>
CHK'D <i>G. Yanga</i>	DATE <i>4/1/69</i>
ENG. <i>R. Abel</i>	DATE <i>6/1/69</i>
PROD.	DATE

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
2N3646	2N3009	IN964A -13V	SAME
D664	1N3606	DEC2904	2N1132

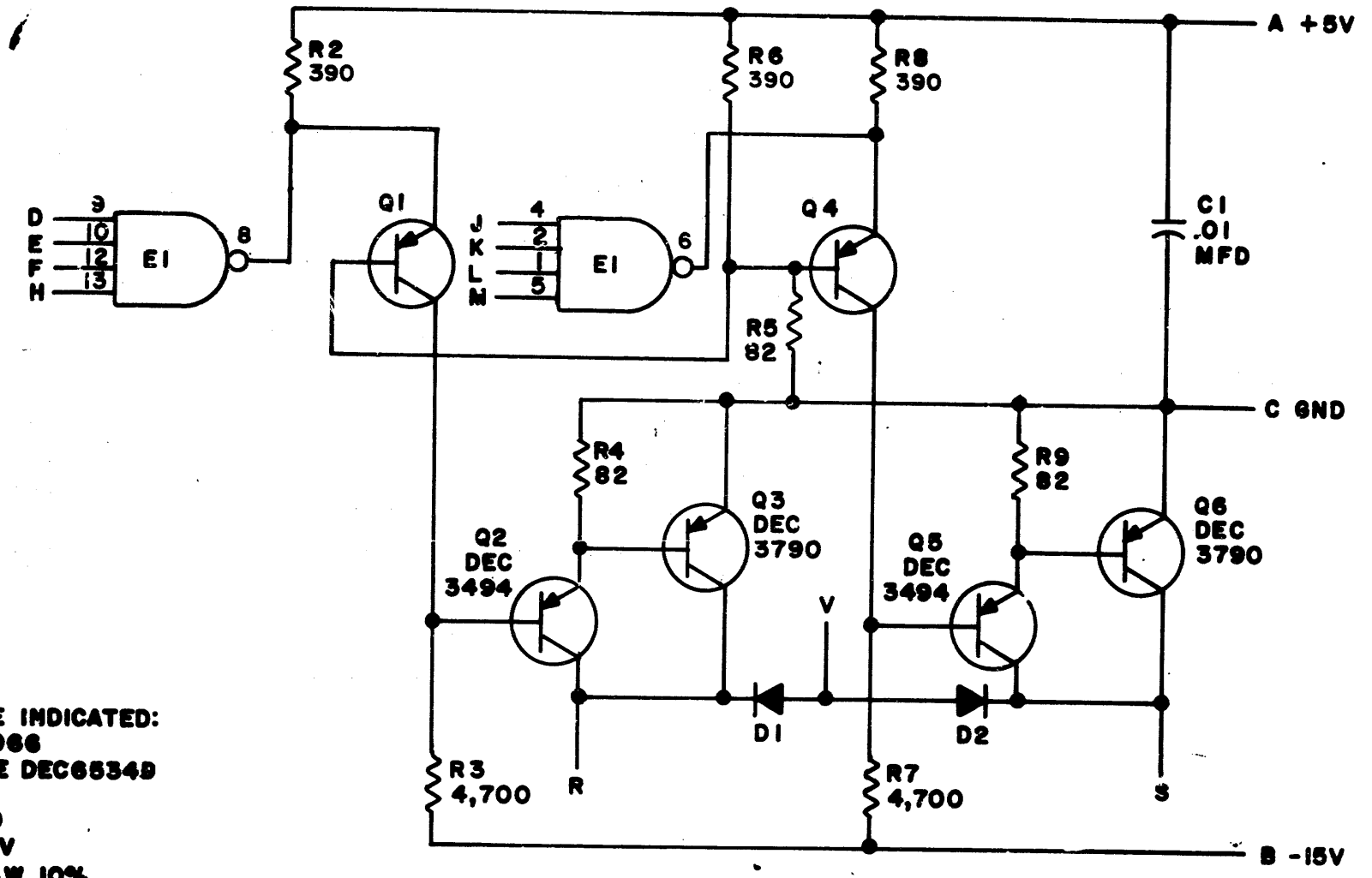


TITLE PHOTO TRANSISTOR AMPLIFIER G918
 EQUIPMENT CORPORATION
 MAYNARD, MASSACHUSETTS
 SIZE C CODE CS NUMBER G918-0-1 REV. B
 PRINTED CIRCUIT REV. D

DEC FORM NO. 102

DIST. 324.434 +0.3 PINK

THIS SCHEMATIC IS FURNISHED ONLY FOR TEST AND MAINTENANCE PURPOSES. THE CIRCUITS ARE PROPRIETARY IN NATURE AND SHOULD BE TREATED ACCORDINGLY. COPYRIGHT 1967 BY DIGITAL EQUIPMENT CORPORATION



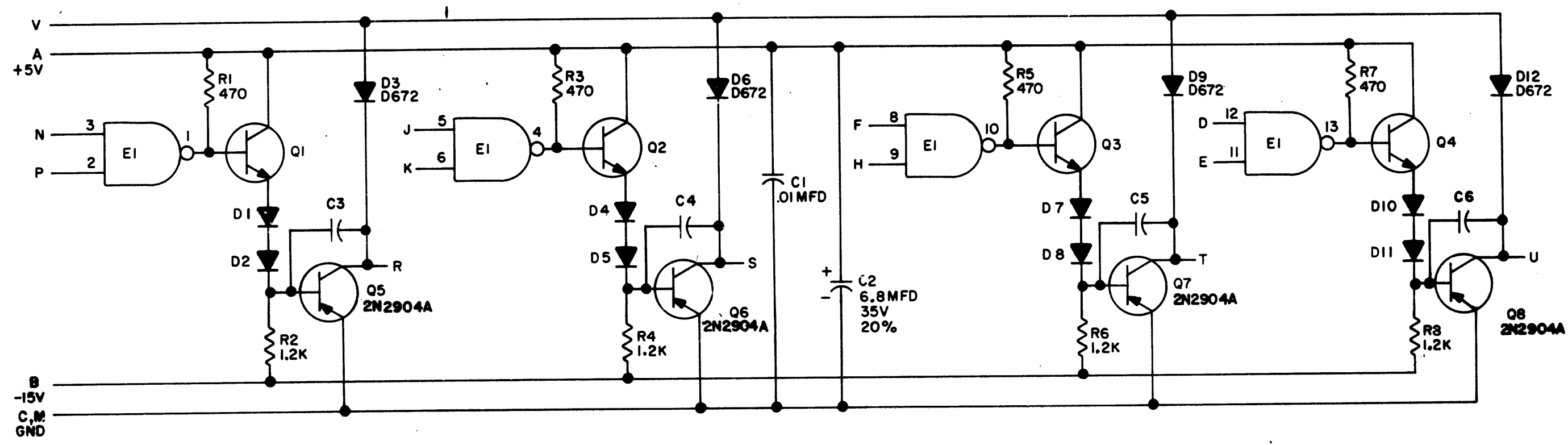
UNLESS OTHERWISE INDICATED:
 DIODES ARE MR2066
 TRANSISTORS ARE DEC65349
 E1 IS DEC7480N
 PIN 7 ON IC = GND
 PIN 14 ON IC = +5V
 RESISTORS ARE 1/4W, 10%

PARTS LIST A-PL-M040-0-0



REVISIONS	CHK	CHG NO.	REV.	DRN. <i>M. Keller</i>	DATE	TRANSISTOR & DIODE CONVERSION CHART				EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE SOLENOID DRIVER M040			
	00001	E	00002		9-15-67	DEC	EIA	DEC	EIA		SIZE	CODE	NUMBER	REV.
				CHK'D <i>R. Brown</i>	DATE	DEC3494	SAME			B	CS	M040-0-1	E	
				DATE	DEC3790	2N3790								
				DATE	DEC65340	MP6534								
				DATE	D662	1N646								
				DATE	MR2066	1N4003								

THIS SCHEMATIC IS FURNISHED ONLY FOR TEST AND MAINTENANCE PURPOSES. THE CIRCUITS ARE PROPRIETARY IN NATURE AND SHOULD BE TREATED ACCORDINGLY. COPYRIGHT 1969 BY DIGITAL EQUIPMENT CORPORATION



UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 1/4W, 10%
 DIODES ARE D664
 EI IS DEC7401N
 TRANSISTORS ARE DEC3009⁹⁹
 PIN 7 ON EACH IC = GND
 PIN 14 ON EACH IC = +5V
 CAPACITORS ARE 100pf, 100V, 5%

REV.	CHG NO.	REV.
1	0001	B
2	0002	C

DRN. <i>BOTLER</i>	DATE <i>6/23/69</i>
CHKD. <i>C. R. ...</i>	DATE <i>7/1/69</i>
ENG. <i>R. ...</i>	DATE <i>6/23/69</i>
PROD.	DATE

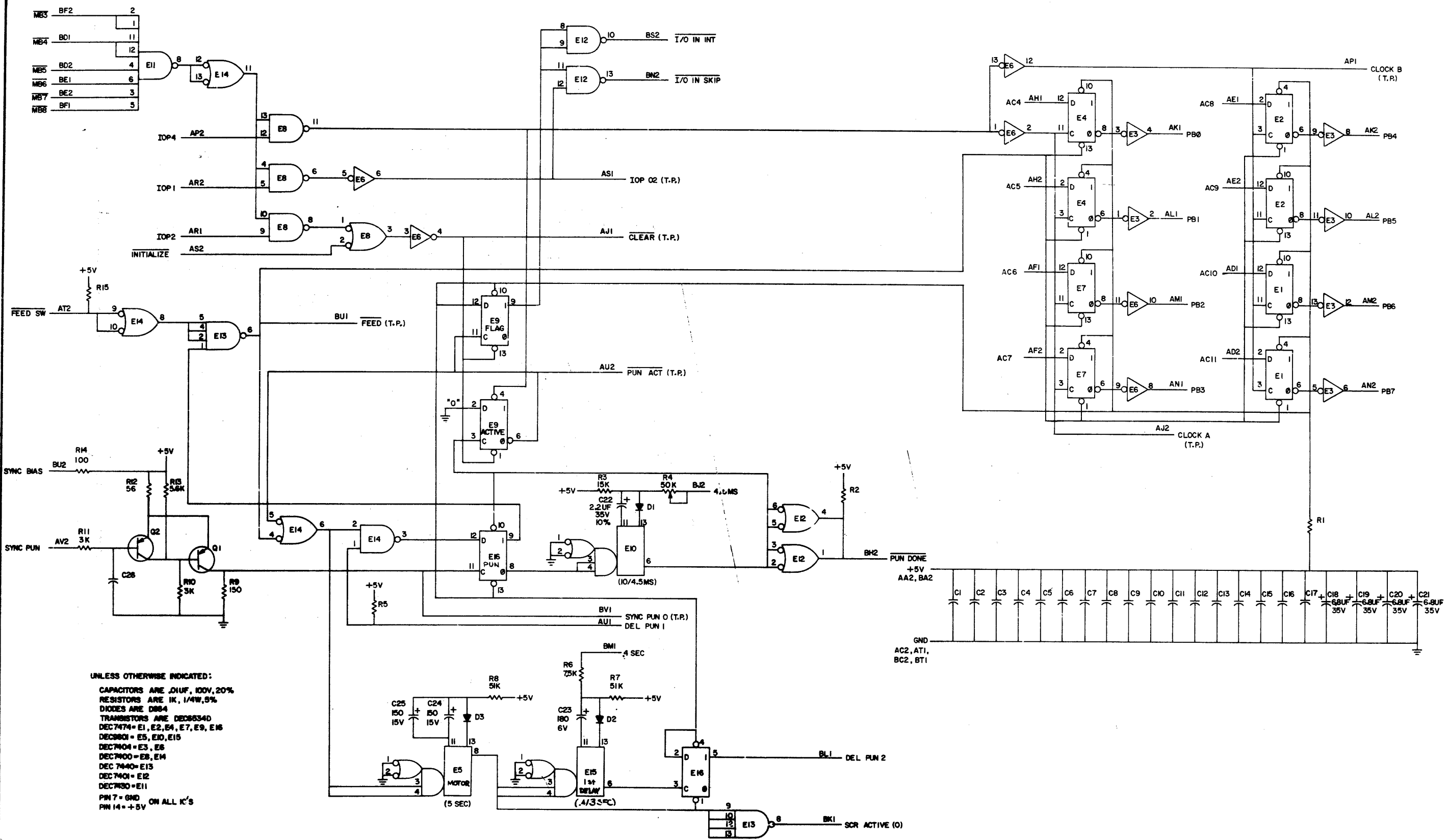
TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
D664	1N3606		
2N2904A	2N2904		
DEC3009 ⁹⁹	2N3009		

EQUIPMENT CORPORATION
 MAYNARD, MASSACHUSETTS

TITLE 4-100MA SOLENOID DRIVER M044			
SIZE B	CODE CS	NUMBER M044-0-1	REV. C
PRINTED CIRCUIT REV.			B

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

REV. 1-0-01/1W
CS 3002/1/15

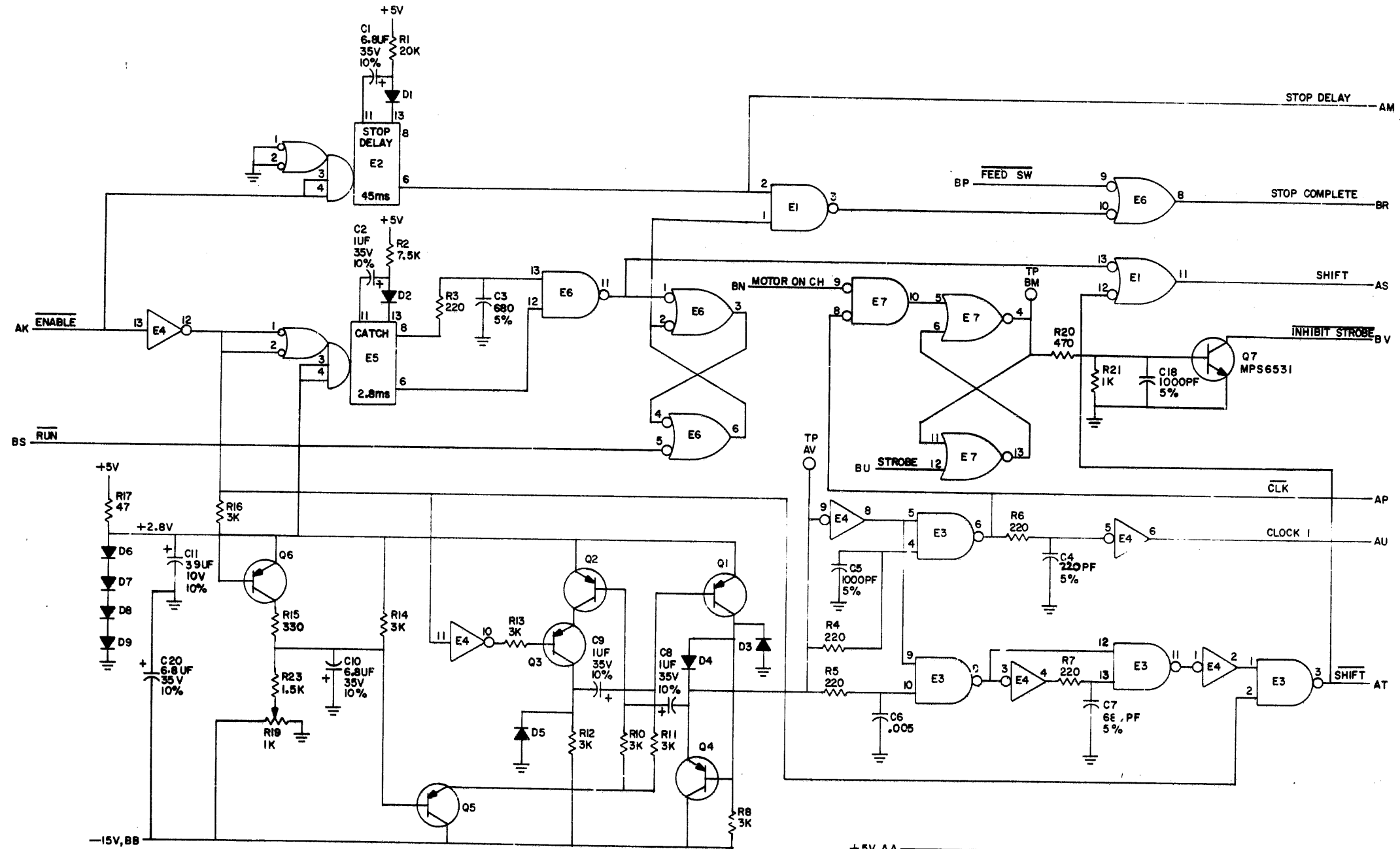


UNLESS OTHERWISE INDICATED:
 CAPACITORS ARE .01UF, 100V, 20%
 RESISTORS ARE 1K, 1/4W, 5%
 DIODES ARE D884
 TRANSISTORS ARE DEC634D
 DEC7474 = E1, E2, E4, E7, E9, E16
 DEC3801 = E5, E10, E15
 DEC7404 = E3, E6
 DEC7400 = E8, E14
 DEC7440 = E13
 DEC7401 = E12
 DEC7430 = E11
 PIN 7 = GND ON ALL IC'S
 PIN 14 = +5V

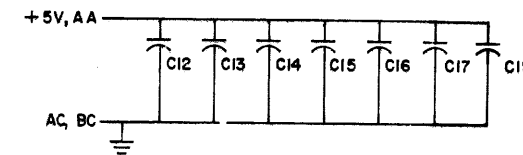
REV. K
 NUMBER M710-0-1
 DATE CODE D CS

TRANSISTOR & DIODE CONVERSION CHART		TITLE PUNCH CONTROL M710	
DEC	EIA	DEC	EIA
D884	2N4340		
DEC634D	2N4340		
DEC7474	7410		
DEC3801	7401		
DEC7404	7404		
DEC7400	7400		
DEC7440	7440		
DEC7401	7401		
DEC7430	7430		
EQUIPMENT CORPORATION MAYFORD, MASSACHUSETTS		SIZE D CS	NUMBER M710-0-1
PRINTED CIRCUIT REV. H		REV. K	

THIS SCHEMATIC IS FURNISHED ONLY FOR TEST AND MAINTENANCE PURPOSES. THE CIRCUITS ARE PROPRIETARY IN NATURE AND SHOULD BE TREATED ACCORDINGLY. COPYRIGHT 1967 BY DIGITAL EQUIPMENT CORPORATION



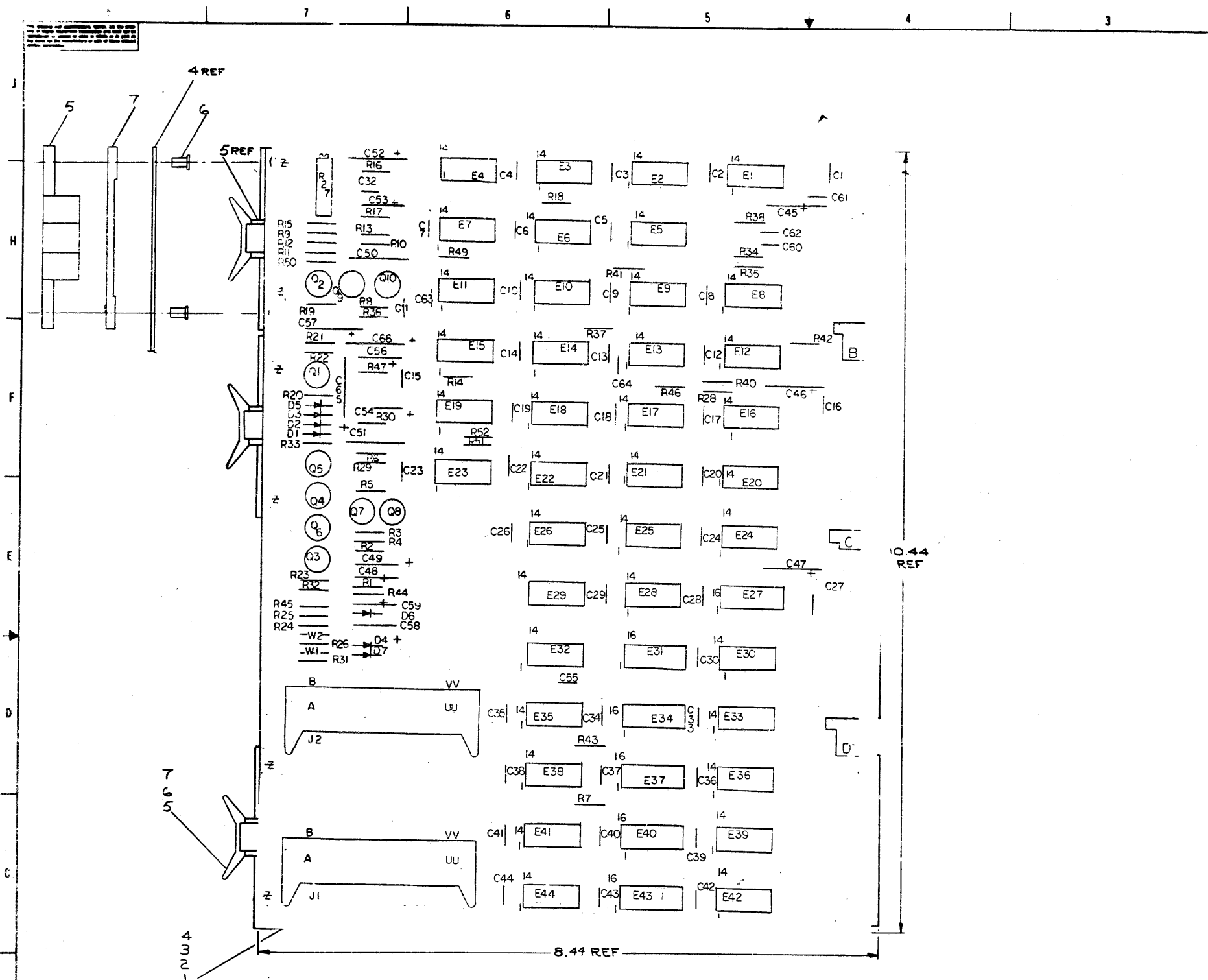
UNLESS OTHERWISE INDICATED:
 TRANSISTORS = DEC6534D
 DIODES = D664
 RESISTORS = 1/4W, 5%
 CAPACITORS = .01UF, 100V, 20%
 E1, E3, E6 = DEC7400
 E4 = DEC7404
 E2, E5 = DEC9601
 PIN 7 = GND
 PIN 14 = +5V ON ALL IC'S
 E7 = DEC7402



REV. L
 NUMBER M715-0-1
 SIZE CODE C CS

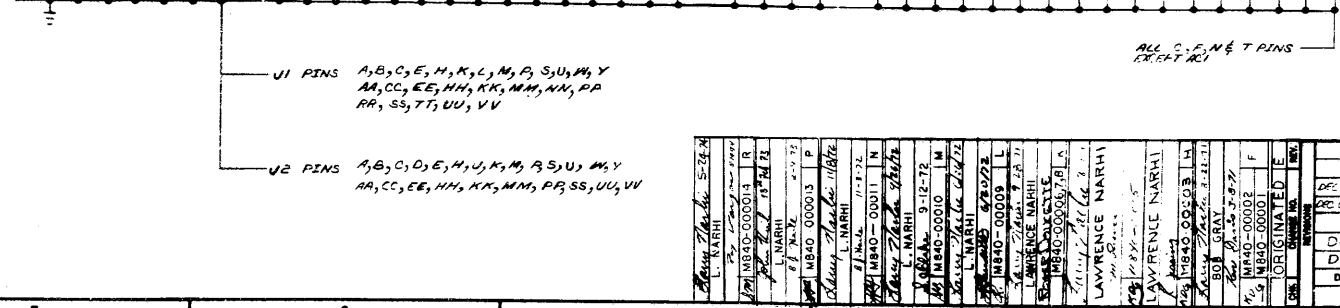
REVISIONS		DRN. M. HALLER		DATE 10/18/67		TRANSISTOR & DIODE CONVERSION CHART				TITLE	
CHK CHG NO.	REV.	DEC	EIA	DEC	EIA	DEC 6534D		MPS 6534		READER CLOCK M715	
AY	00002					D664		IN3606		SIZE	CODE
						DEC 6531		MPS 6531		C	CS
										NUMBER	REV.
										M715-0-1	L
										PRINTED CIRCUIT REV.	
										F	

015- 324, 430, 435 2
 4 PINK

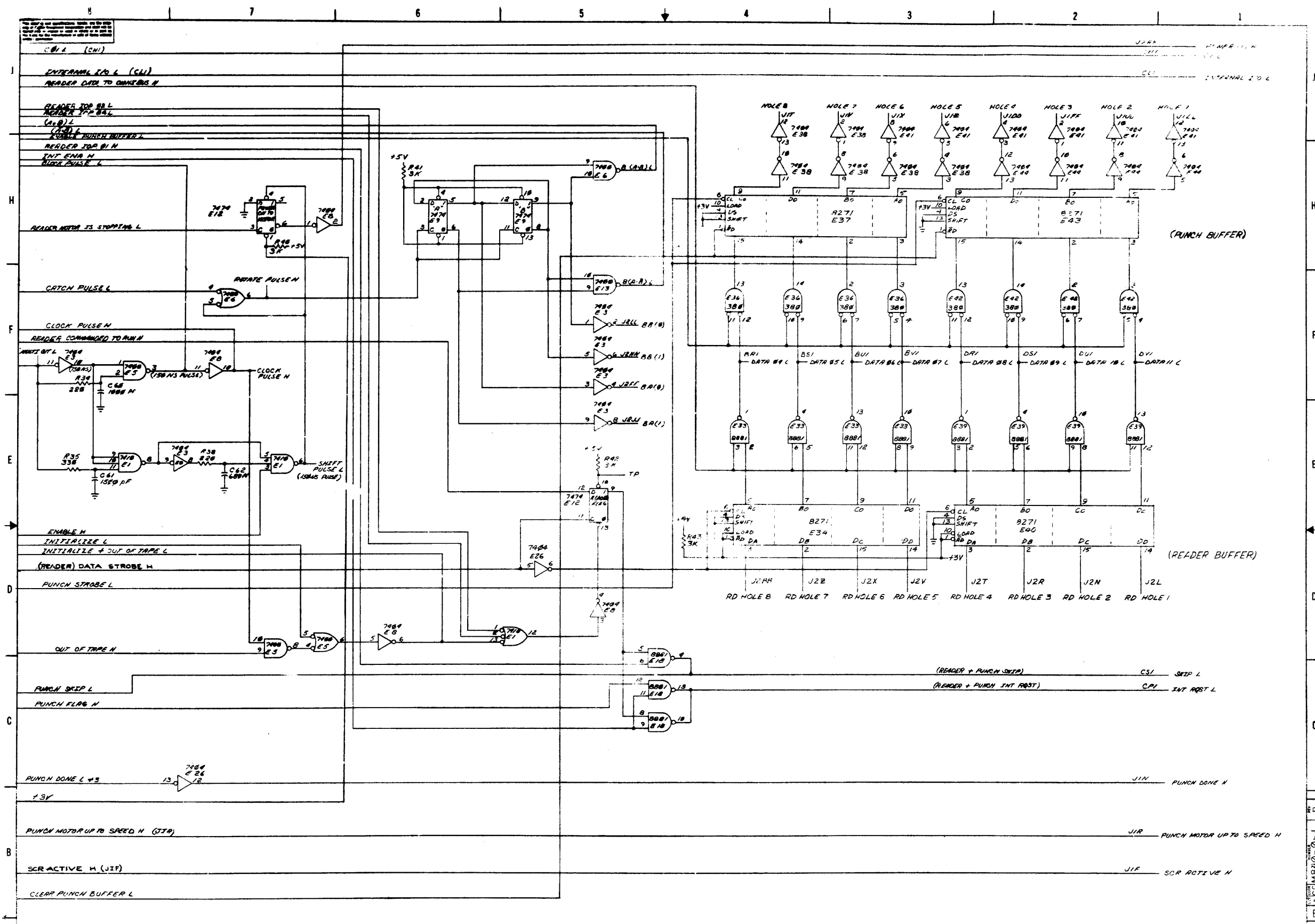


QTY	REF DESIGNATION	DESCRIPTION	PART NO.
1	E1	IC DEC 7420	1905577
1	E2	RES 270 1/4W 5%	1301972
1	E3	RES 5.6K 1/4W 5%	1301874
1	E4	RES 150 1/4W 5%	1302850
1	E5	RES 56 1/4W 5%	1302602
1	E6	RES 680 1/4W 5%	1301429
2	E7, E8	CONN 40 PIN ST ANGLE MIDGE	1208941
4	E9, E10, E11, E12	IC DEC 7404	1905577
2	E13, E14	IC DEC 7401	1905577
4	E15, E16, E17, E18	IC DEC 7401	1905577
1	E19	IC DEC 384	1905436
2	E20, E21	IC DEC 7410	1905576
7	E22, E23, E24, E25, E26, E27, E28, E29	IC DEC 7400	1905575
5	E30, E31, E32, E33, E34	IC DEC 7474	1905547
2	E35, E36	TRANSISTOR DEC 6531	1509333
8	E37, E38, E39, E40, E41, E42, E43, E44	TRANSISTOR DEC 6531D	1503404
7	E45, E46, E47, E48	RES 220 1/4W 5%	1300271
22	E49, E50, E51, E52, E53, E54, E55, E56, E57, E58, E59, E60, E61, E62, E63, E64, E65	RES 3K 1/4W 5%	1300432
1	E66, E67	RES 17 3/4W 10% 76PE	1309143-0135
1	E68, E69	RES 100 1/4W 5%	1300432
1	E70	RES 7.5K 1/4W 5%	1301422
1	E71	RES 750 1/4W 5%	1301422
1	E72	RES 15K 1/4W 5%	1300496
1	E73	RES 10K 1/4W 5%	1300488
3	E74, E75, E76	RES 10K 1/4W 5%	1300479
2	E77, E78	RES 4.7K 1/4W 5%	1300447
1	E79	RES 1.5K 1/4W 5%	1300371
1	E80	RES 330 1/4W 5%	1300295
3	E81, E82, E83	RES 100 1/4W 5%	1300202
1	E84	RES 47 1/4W 5%	1300202
1	E85	DIODE 1N4148	1100125
3	D1, D2, D3	DIODE 1N4148	1100125
4	D4, D5, D6, D7	DIODE 1N4148	1100125
1	D8	DIODE 1N4148	1100125
1	D9	DIODE 1N4148	1100125
1	D10	DIODE 1N4148	1100125
1	D11	DIODE 1N4148	1100125
1	D12	DIODE 1N4148	1100125
1	D13	DIODE 1N4148	1100125
1	D14	DIODE 1N4148	1100125
1	D15	DIODE 1N4148	1100125
1	D16	DIODE 1N4148	1100125
1	D17	DIODE 1N4148	1100125
1	D18	DIODE 1N4148	1100125
1	D19	DIODE 1N4148	1100125
1	D20	DIODE 1N4148	1100125
1	D21	DIODE 1N4148	1100125
1	D22	DIODE 1N4148	1100125
1	D23	DIODE 1N4148	1100125
1	D24	DIODE 1N4148	1100125
1	D25	DIODE 1N4148	1100125
1	D26	DIODE 1N4148	1100125
1	D27	DIODE 1N4148	1100125
1	D28	DIODE 1N4148	1100125
1	D29	DIODE 1N4148	1100125
1	D30	DIODE 1N4148	1100125
1	D31	DIODE 1N4148	1100125
1	D32	DIODE 1N4148	1100125
1	D33	DIODE 1N4148	1100125
1	D34	DIODE 1N4148	1100125
1	D35	DIODE 1N4148	1100125
1	D36	DIODE 1N4148	1100125
1	D37	DIODE 1N4148	1100125
1	D38	DIODE 1N4148	1100125
1	D39	DIODE 1N4148	1100125
1	D40	DIODE 1N4148	1100125
1	D41	DIODE 1N4148	1100125
1	D42	DIODE 1N4148	1100125
1	D43	DIODE 1N4148	1100125
1	D44	DIODE 1N4148	1100125
1	D45	DIODE 1N4148	1100125
1	D46	DIODE 1N4148	1100125
1	D47	DIODE 1N4148	1100125
1	D48	DIODE 1N4148	1100125
1	D49	DIODE 1N4148	1100125
1	D50	DIODE 1N4148	1100125
1	D51	DIODE 1N4148	1100125
1	D52	DIODE 1N4148	1100125
1	D53	DIODE 1N4148	1100125
1	D54	DIODE 1N4148	1100125
1	D55	DIODE 1N4148	1100125
1	D56	DIODE 1N4148	1100125
1	D57	DIODE 1N4148	1100125
1	D58	DIODE 1N4148	1100125
1	D59	DIODE 1N4148	1100125
1	D60	DIODE 1N4148	1100125
1	D61	DIODE 1N4148	1100125
1	D62	DIODE 1N4148	1100125
1	D63	DIODE 1N4148	1100125
1	D64	DIODE 1N4148	1100125
1	D65	DIODE 1N4148	1100125
1	D66	DIODE 1N4148	1100125
1	D67	DIODE 1N4148	1100125
1	D68	DIODE 1N4148	1100125
1	D69	DIODE 1N4148	1100125
1	D70	DIODE 1N4148	1100125
1	D71	DIODE 1N4148	1100125
1	D72	DIODE 1N4148	1100125
1	D73	DIODE 1N4148	1100125
1	D74	DIODE 1N4148	1100125
1	D75	DIODE 1N4148	1100125
1	D76	DIODE 1N4148	1100125
1	D77	DIODE 1N4148	1100125
1	D78	DIODE 1N4148	1100125
1	D79	DIODE 1N4148	1100125
1	D80	DIODE 1N4148	1100125
1	D81	DIODE 1N4148	1100125
1	D82	DIODE 1N4148	1100125
1	D83	DIODE 1N4148	1100125
1	D84	DIODE 1N4148	1100125
1	D85	DIODE 1N4148	1100125
1	D86	DIODE 1N4148	1100125
1	D87	DIODE 1N4148	1100125
1	D88	DIODE 1N4148	1100125
1	D89	DIODE 1N4148	1100125
1	D90	DIODE 1N4148	1100125
1	D91	DIODE 1N4148	1100125
1	D92	DIODE 1N4148	1100125
1	D93	DIODE 1N4148	1100125
1	D94	DIODE 1N4148	1100125
1	D95	DIODE 1N4148	1100125
1	D96	DIODE 1N4148	1100125
1	D97	DIODE 1N4148	1100125
1	D98	DIODE 1N4148	1100125
1	D99	DIODE 1N4148	1100125
1	D100	DIODE 1N4148	1100125

ITER NO	ANG	FROM	TO	PT
1	8	59	22	MB-A MB-B
2	8	59	22	MB-A MB-B
3	8	59	22	MB-A MB-B
4	8	59	22	MB-A MB-B
5	8	59	22	MB-A MB-B
6	8	59	22	MB-A MB-B
7	8	59	22	MB-A MB-B
8	8	59	22	MB-A MB-B
9	8	59	22	MB-A MB-B
10	8	59	22	MB-A MB-B
11	8	59	22	MB-A MB-B
12	8	59	22	MB-A MB-B
13	8	59	22	MB-A MB-B
14	8	59	22	MB-A MB-B
15	8	59	22	MB-A MB-B
16	8	59	22	MB-A MB-B
17	8	59	22	MB-A MB-B
18	8	59	22	MB-A MB-B
19	8	59	22	MB-A MB-B
20	8	59	22	MB-A MB-B
21	8	59	22	MB-A MB-B
22	8	59	22	MB-A MB-B
23	8	59	22	MB-A MB-B
24	8	59	22	MB-A MB-B
25	8	59	22	MB-A MB-B
26	8	59	22	MB-A MB-B
27	8	59	22	MB-A MB-B
28	8	59	22	MB-A MB-B
29	8	59	22	MB-A MB-B
30	8	59	22	MB-A MB-B
31	8	59	22	MB-A MB-B
32	8	59	22	MB-A MB-B
33	8	59	22	MB-A MB-B
34	8	59	22	MB-A MB-B
35	8	59	22	MB-A MB-B
36	8	59	22	MB-A MB-B
37	8	59	22	MB-A MB-B
38	8	59	22	MB-A MB-B
39	8	59	22	MB-A MB-B
40	8	59	22	MB-A MB-B
41	8	59	22	MB-A MB-B
42	8	59	22	MB-A MB-B
43	8	59	22	MB-A MB-B
44	8	59	22	MB-A MB-B
45	8	59	22	MB-A MB-B
46	8	59	22	MB-A MB-B
47	8	59	22	MB-A MB-B
48	8	59	22	MB-A MB-B
49	8	59	22	MB-A MB-B
50	8	59	22	MB-A MB-B



QTY	REF DESIGNATION	DESCRIPTION	PART NO.
1	C1	CAP 100PF 100V 5% ML	000026
1	C2	CAP 100PF 100V 5% ML	000026
1	C3	CAP 100PF 100V 5% ML	000026
1	C4	CAP 100PF 100V 5% ML	000026
1	C5	CAP 100PF 100V 5% ML	000026
1	C6	CAP 100PF 100V 5% ML	000026
1	C7	CAP 100PF 100V 5% ML	000026
1	C8	CAP 100PF 100V 5% ML	000026
1	C9	CAP 100PF 100V 5% ML	000026
1	C10	CAP 100PF 100V 5% ML	000026
1	C11	CAP 100PF 100V 5% ML	000026
1	C12	CAP 100PF 100V 5% ML	000026
1	C13	CAP 100PF 100V 5% ML	000026
1	C14	CAP 100PF 100V 5% ML	000026
1	C15	CAP 100PF 100V 5% ML	000026
1	C16	CAP 100PF 100V 5% ML	000026
1	C17	CAP 100PF 100V 5% ML	000026
1	C18	CAP 100PF 100V 5% ML	000026
1	C19	CAP 100PF 100V 5% ML	000026
1	C20	CAP 100PF 100V 5% ML	000026
1	C21	CAP 100PF 100V 5% ML	000026
1	C22	CAP 100PF 100V 5% ML	000026
1	C23	CAP 100PF 100V 5% ML	000026
1	C24	CAP 100PF 100V 5% ML	000026
1	C25	CAP 100PF 100V 5% ML	000026
1	C26	CAP 100PF 100V 5% ML	000026
1	C27	CAP 100PF 100V 5% ML	000026
1	C28	CAP 100PF 100V 5% ML	000026
1	C29	CAP 100PF 100V 5% ML	000026
1	C30	CAP 100PF 100V 5% ML	000026
1	C31	CAP 100PF 100V 5% ML	000026
1	C32	CAP 100PF 100V 5% ML	000026
1	C33	CAP 100PF 100V 5% ML	000026
1	C34	CAP 100PF 100V 5% ML	000026
1	C35	CAP 100PF 100V 5% ML	000026
1	C36	CAP 100PF 100V 5% ML	000026
1	C37	CAP 100PF 100V 5% ML	000026
1	C38	CAP 100PF 100V 5% ML	000026
1	C39	CAP 100PF 100V 5% ML	000026
1	C40	CAP 100PF 100V 5% ML	000026
1	C41	CAP 100PF 100V 5% ML	000026
1	C42	CAP 100PF 100V 5% ML	000026
1	C43	CAP 100PF 100V 5% ML	000026
1	C44	CAP 100PF 100V 5% ML	000026
1	C45	CAP 100PF 100V 5% ML	000026
1	C46	CAP 100PF 100V 5% ML	000026
1	C47	CAP 100PF 100V 5% ML	000026
1	C48	CAP 100PF 100V 5% ML	000026
1	C49	CAP 100PF 100V 5% ML	000026

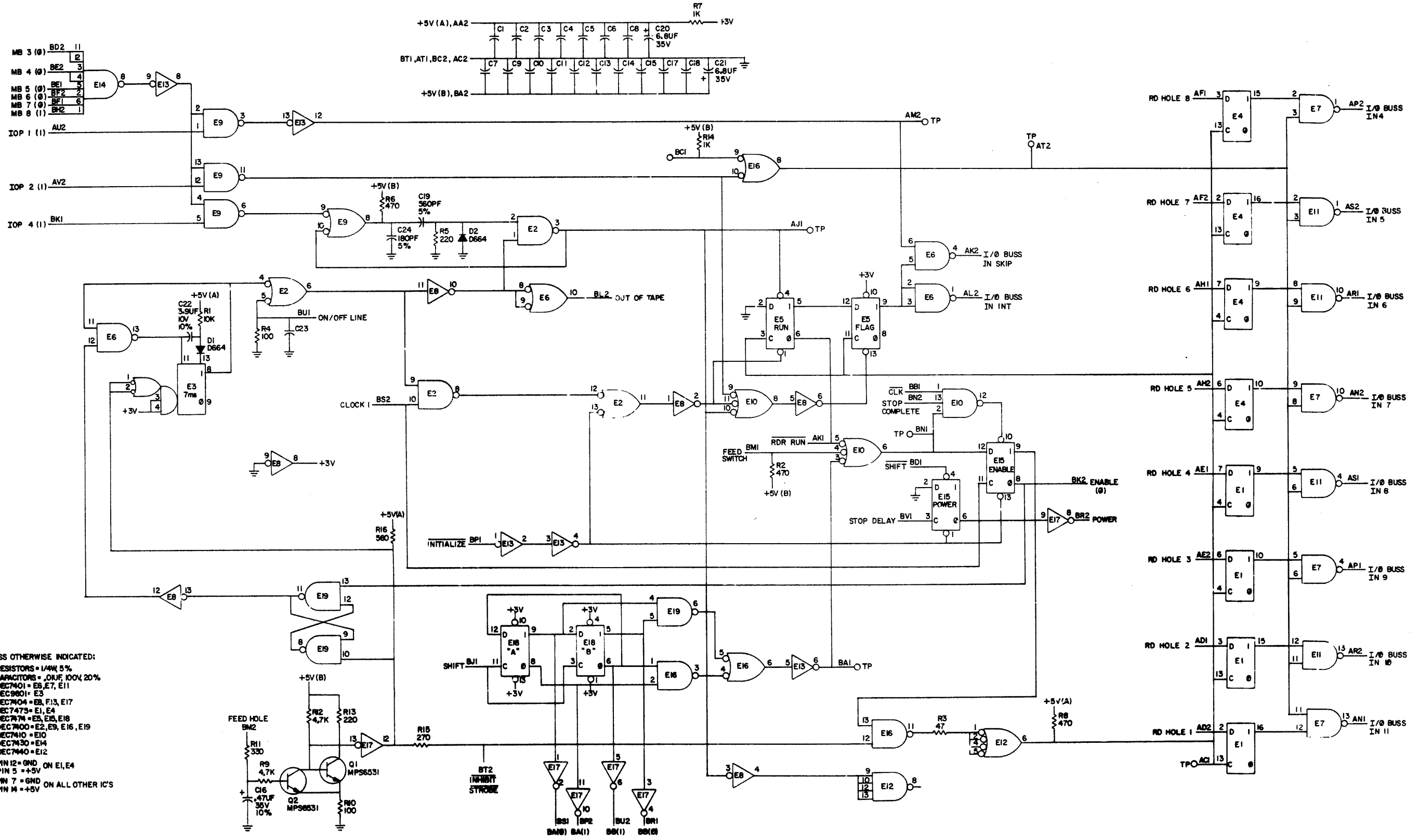


QTY	DESCRIPTION	PART NO.	ITEM NO.
1	READER / PUNCH CONTROL	EKSMB40-0-1	1

UNLESS OTHERWISE SPECIFIED
DIMENSIONS IN INCHES
TOLERANCES
DIMENSIONAL FINISHES UNLESS OTHERWISE SPECIFIED
MATERIAL
FINISH

SCALE NONE
SHEET 3 OF 3

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

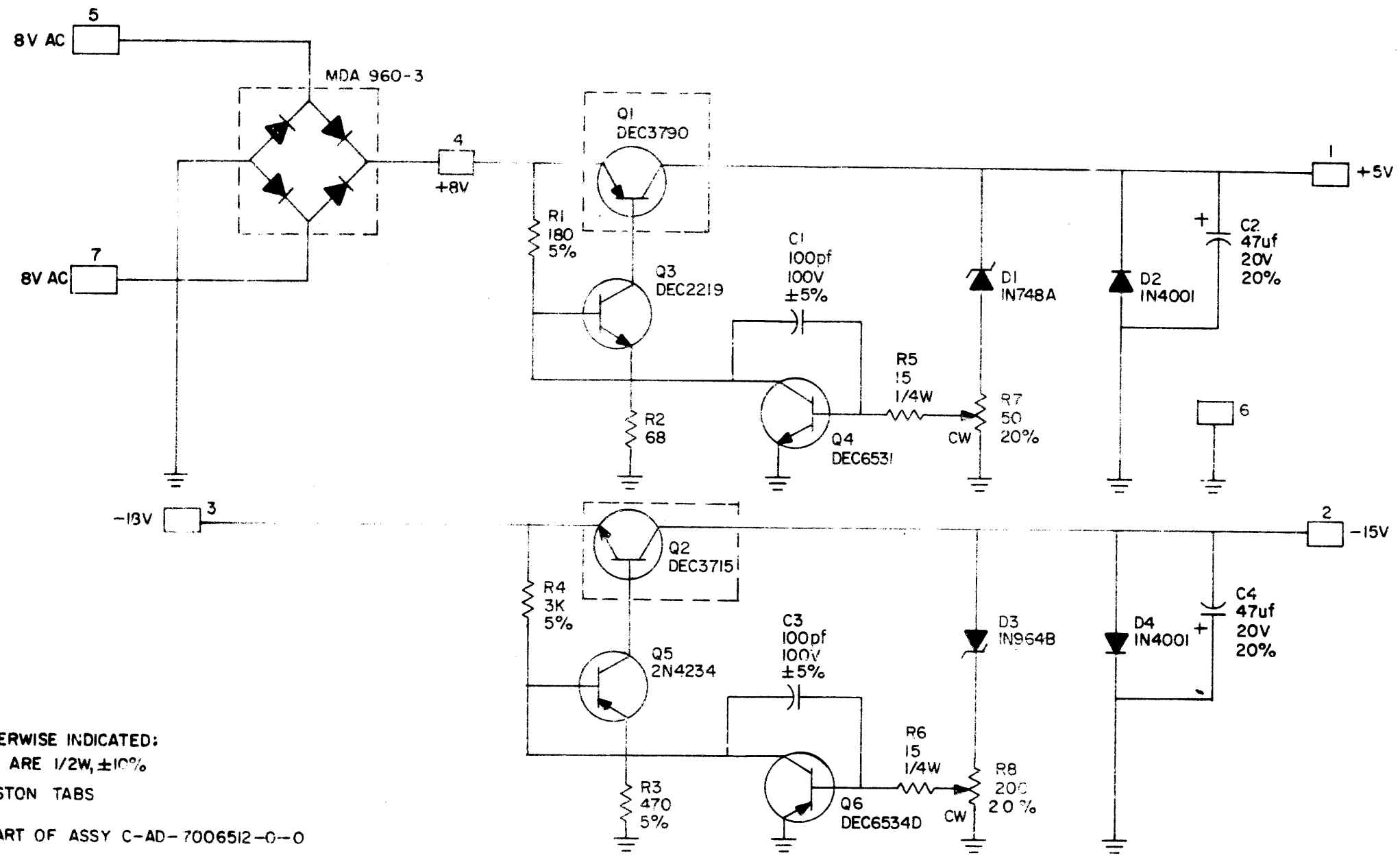


UNLESS OTHERWISE INDICATED:
 RESISTORS = 1/4W 5%
 CAPACITORS = .01UF, 100V, 20%
 DEC7401 = E5, E7, E11
 DEC9801 = E3
 DEC7404 = E8, E13, E17
 DEC7475 = E1, E4
 DEC7476 = E5, E15, E18
 DEC7400 = E2, E9, E16, E19
 DEC7410 = E10
 DEC7430 = E14
 DEC7440 = E12
 PIN 12 = GND ON E1, E4
 PIN 5 = +5V
 PIN 7 = GND ON ALL OTHER IC'S
 PIN 14 = +5V

REV. C
 NUMBER M7050-0-1
 DATE FOR D L CS

DATE 2/2/71		TRANSISTOR & DIODE CONVERSION CHART		READER CONTROL	
REV	REV	REV	REV	REV	REV
1	1	1	1	1	1
EQUIPMENT CORPORATION				M7050-0-1	
PRINTED CIRCUIT REV				0	

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

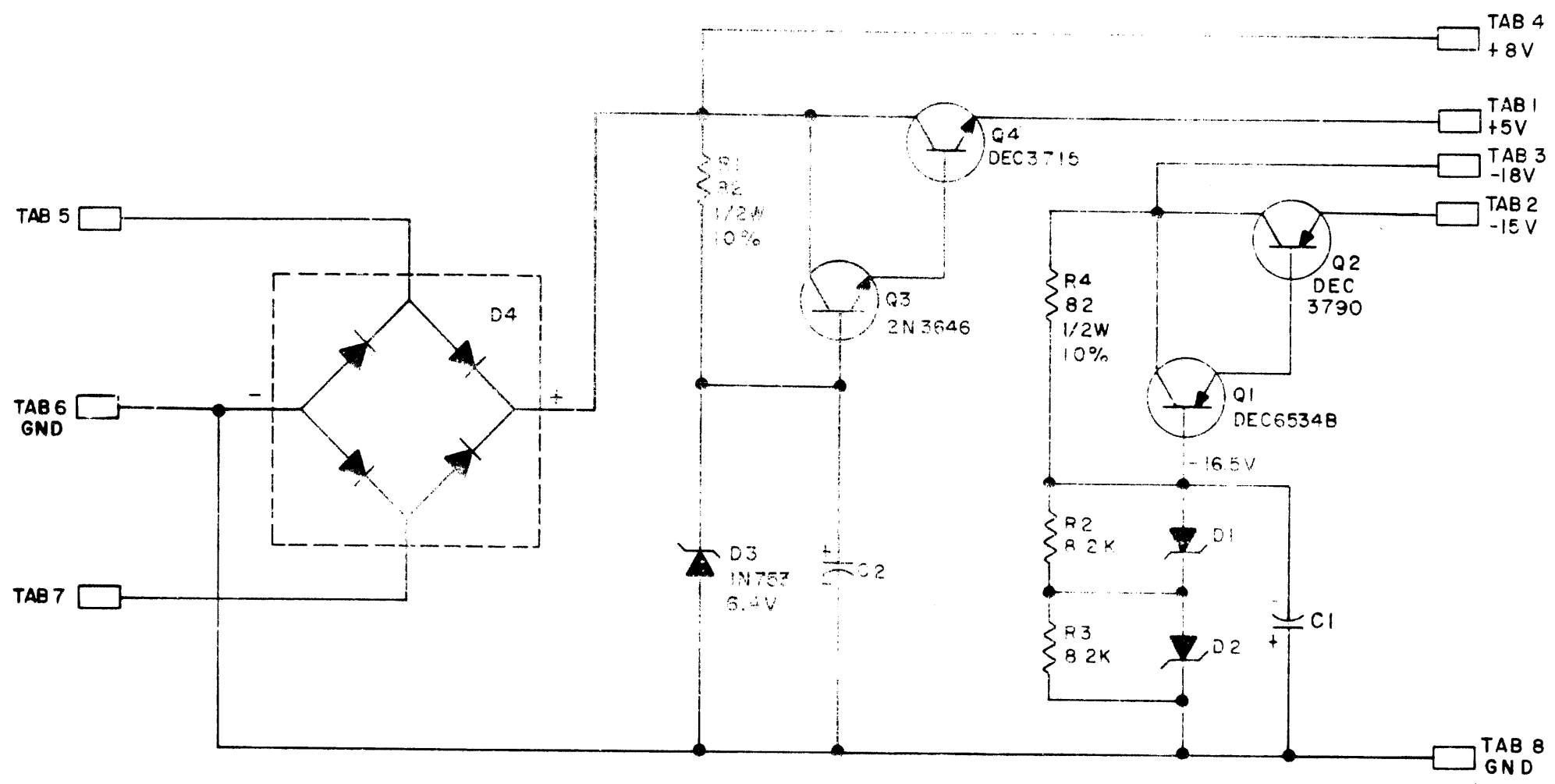


UNLESS OTHERWISE INDICATED:
 RESISTORS ARE 1/2W, ±10%
 □ = FASTON TABS
 □ = PART OF ASSY C-AD-7006512-0-0

REVISIONS CHK CHG NO REV	DRN. <i>NANCY MOORE</i>	DATE <i>7/8/70</i>	TRANSISTOR & DIODE CONVERSION CHART					TITLE PCO REGULATOR			
	CHK'D <i>[Signature]</i>	DATE <i>8/8/70</i>	DEC	EIA	DEC	EIA		5408918			
	ENG <i>[Signature]</i>	DATE <i>10/12/70</i>	DEC3790-2	2N3790	DEC6531	MPS6531		SIZE	CODE	NUMBER	REV
	PROD	DATE	DEC2219	2N2219	IN748A	SAME		B	CS	5408918-0-1	A
		DEC3715	2N3715	IN964B	SAME						
		2N4234	2N4234	IN4001	SAME						
		DEC6534D	MPS6534								
							PRINTED CIRCUIT REV. B				

5408308-01
 1-0-8092069 00 8

THIS SCHEMATIC IS FURNISHED ONLY FOR TEST AND MAINTENANCE PURPOSES. THE CIRCUITS ARE PROPRIETARY IN NATURE AND SHOULD BE TREATED ACCORDINGLY. COPYRIGHT 1969 BY DIGITAL EQUIPMENT CORPORATION



UNLESS OTHERWISE INDICATED:
 CAPACITORS ARE 6.8 MFD 35V 20%
 DIODES ARE IN756A, 8.2V
 D4 IS MDA960-3
 RESISTORS ARE 1/4W 5%
 TABS ARE AMP 41290

REV.	NO.	CHG.	CHK.
A	0001		
B	0002		
C	0003		

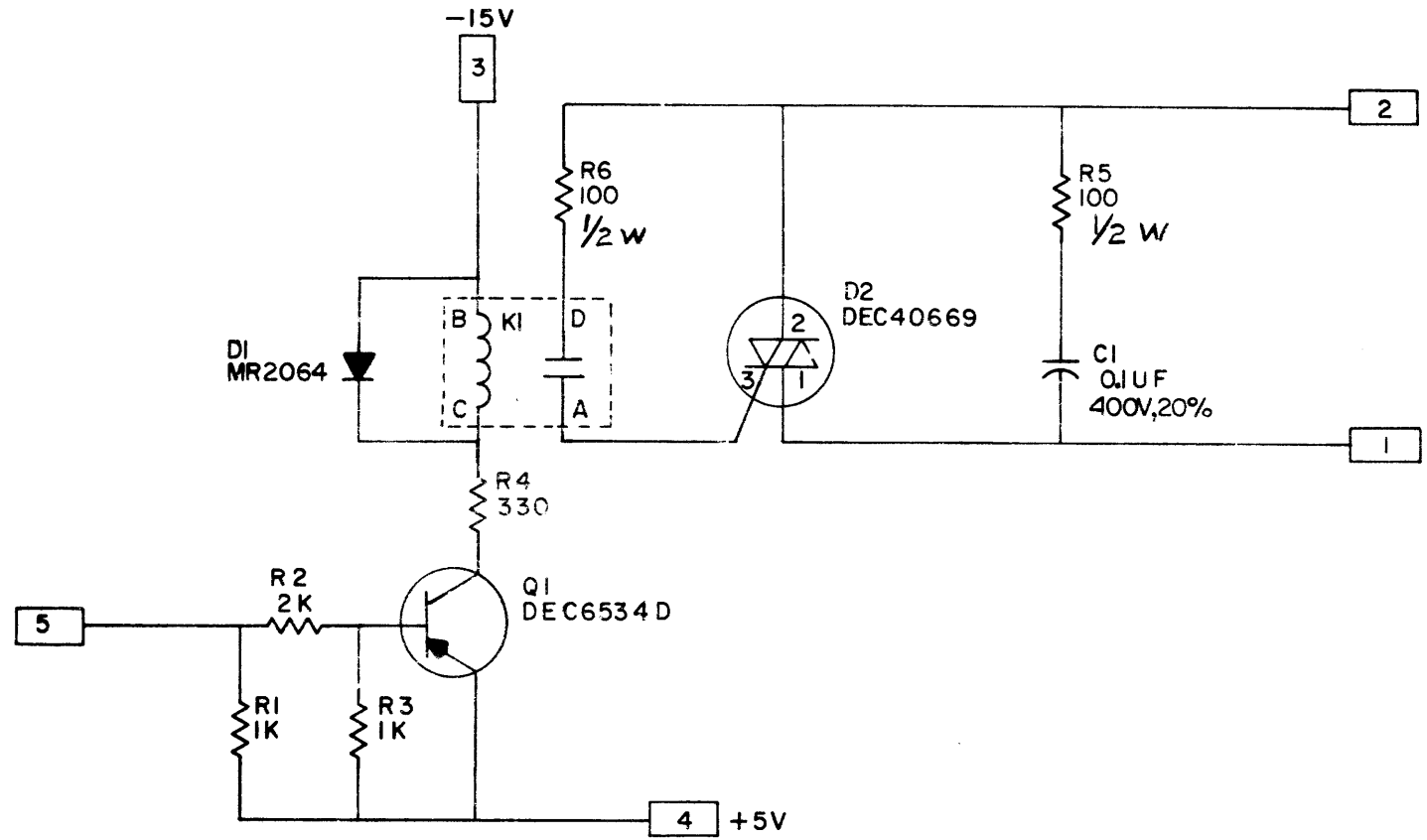
DRN. <i>R. F. King</i>	DATE 3-3-69
CHK'D <i>M. Marchand</i>	DATE 4/1/69
ENG <i>Doc Able</i>	DATE 2-14-69
PROD.	DATE

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
IN753	SAME	2N3646	2N3009
IN756A	SAME		
DEC3790	2N3790		
DEC6534B	MPS6534		
DEC3715	NONE		

digital
 EQUIPMENT CORPORATION
 MAYNARD, MASSACHUSETTS

TITLE PCO POWER SUPPLY REGULATOR 5408308			
SIZE B	CODE CS	NUMBER 5408308-0-1	REV. C
PRINTED CIRCUIT REV			D

THIS SCHEMATIC IS FURNISHED ONLY FOR TEST AND MAINTENANCE PURPOSES. THE CIRCUITS ARE PROPRIETARY IN NATURE AND SHOULD BE TREATED ACCORDINGLY. COPYRIGHT 1969 BY DIGITAL EQUIPMENT CORPORATION



UNLESS OTHERWISE INDICATED:
 RELAY IS DEC40034
 TABS ARE AMP. # 41290
 RESISTORS ARE 1/4W, 5%

REVISIONS	CHK CHG NO. REV.	REV. & REV.	B
		7/11/00001	

DRN.	M. HALLER	DATE	6-20-69
CHK'D	T.A. NALETTE	DATE	6-24-69
ENG.	G. BECKNER	DATE	11-19-69
PROD.		DATE	

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA
		DEC6534D	MPS6534

digital
 EQUIPMENT CORPORATION
 MAYNARD, MASSACHUSETTS

TITLE				TRIAC SW ASSY (PC05)			
SIZE	CODE	NUMBER		REV			
B	CS	5408384-0-1		B			
PRINTED CIRCUIT REV							B