

DRAWING DIRECTORY

CUSTOMER PRINT SET INDEX

DRAWING DIRECTORY
CIRCUIT SCHEMATIC
PWR CONTROL BOARD
CIRCUIT SCHEMATIC
UNIT ASSEMBLY H742
UNIT ASSEMBLY (PL)

SEQUENCE

B-DD-H742-Ø
D-CS H742-Ø-1
E-1A 5409730-0-0
C-CS 5409730-0-1
E-UA-H742-Ø-Ø
A-PL-H742-Ø-Ø

SEQUENCE

MFG SET

TEST PROCEDURE

MFG SPEC.

PACKAGING INSTRUCTION

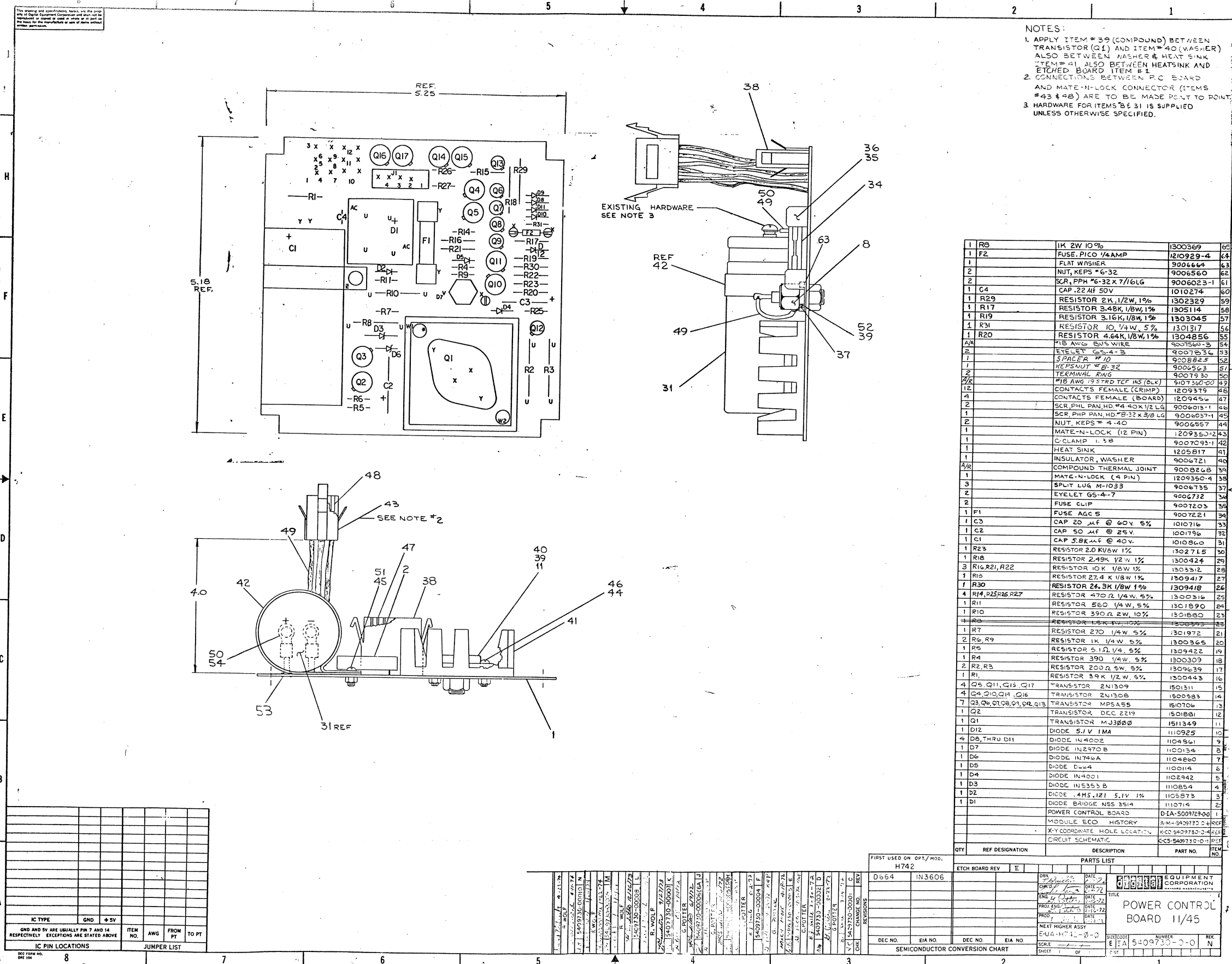
A-SP-H742 Ø-3
A-SP-H742-Ø-8
A-PI-3700073-0-0

THIS IS PRINT SET

[illegible]

REVISIONS		
DATE	CHG. NO.	REV
7/72	H742-2	A
7/72	H742-3	B
8/72	H742-4	C
8/72	H742-5	D
10/72	H742-7	E
11/72	H742-8	F
12/72	H742-11	H
2/73	H742-12	J
2/73	H742-13	K
2-73	H742-14	L
4-73	H742-15	M
4-73	H742-16	N
5-73	H742-17	P
6-73	H742-18	R
12-73	H742-19	S
3-74	H742-20	T
4-74	H742-21	U

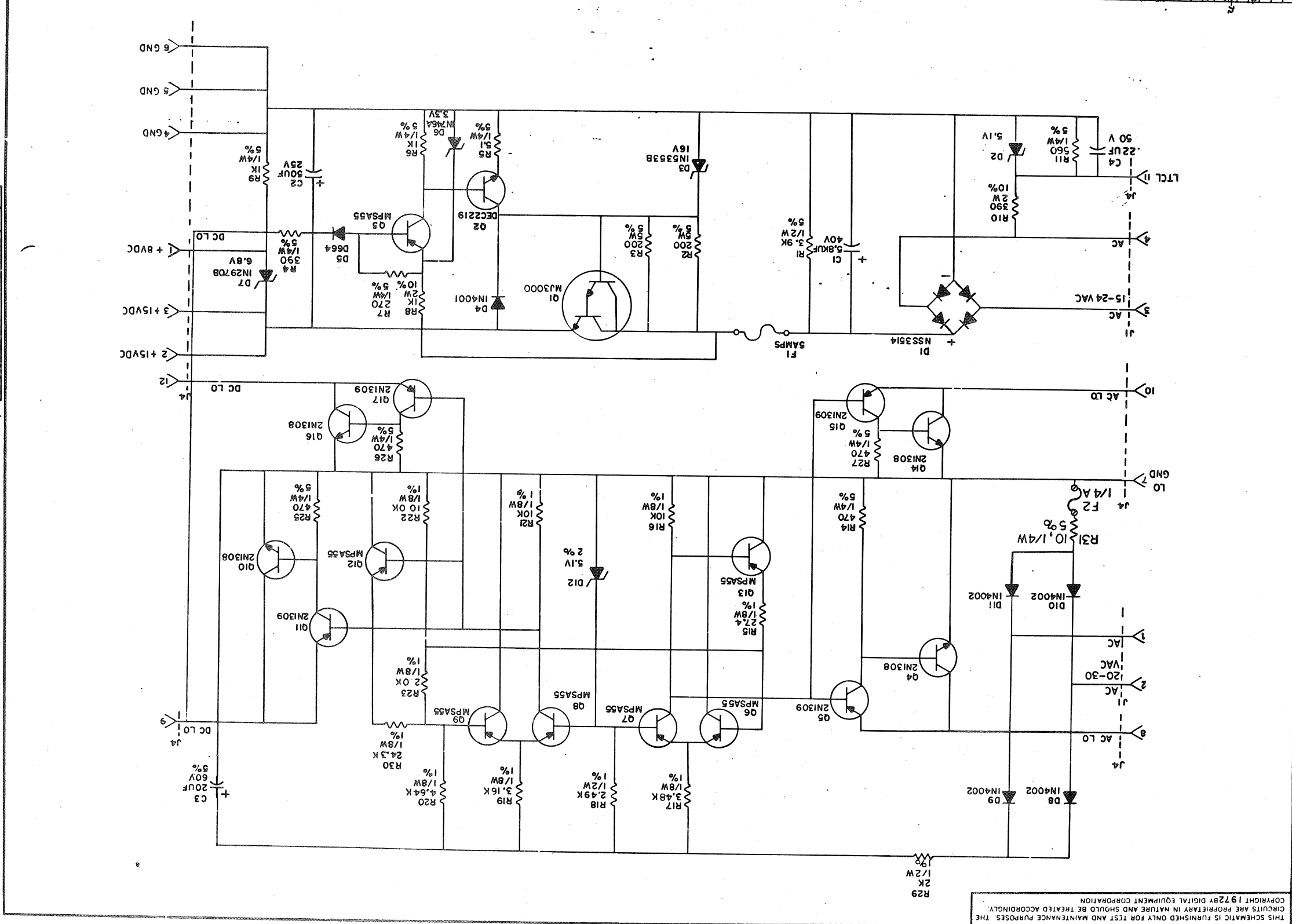
[illegible]

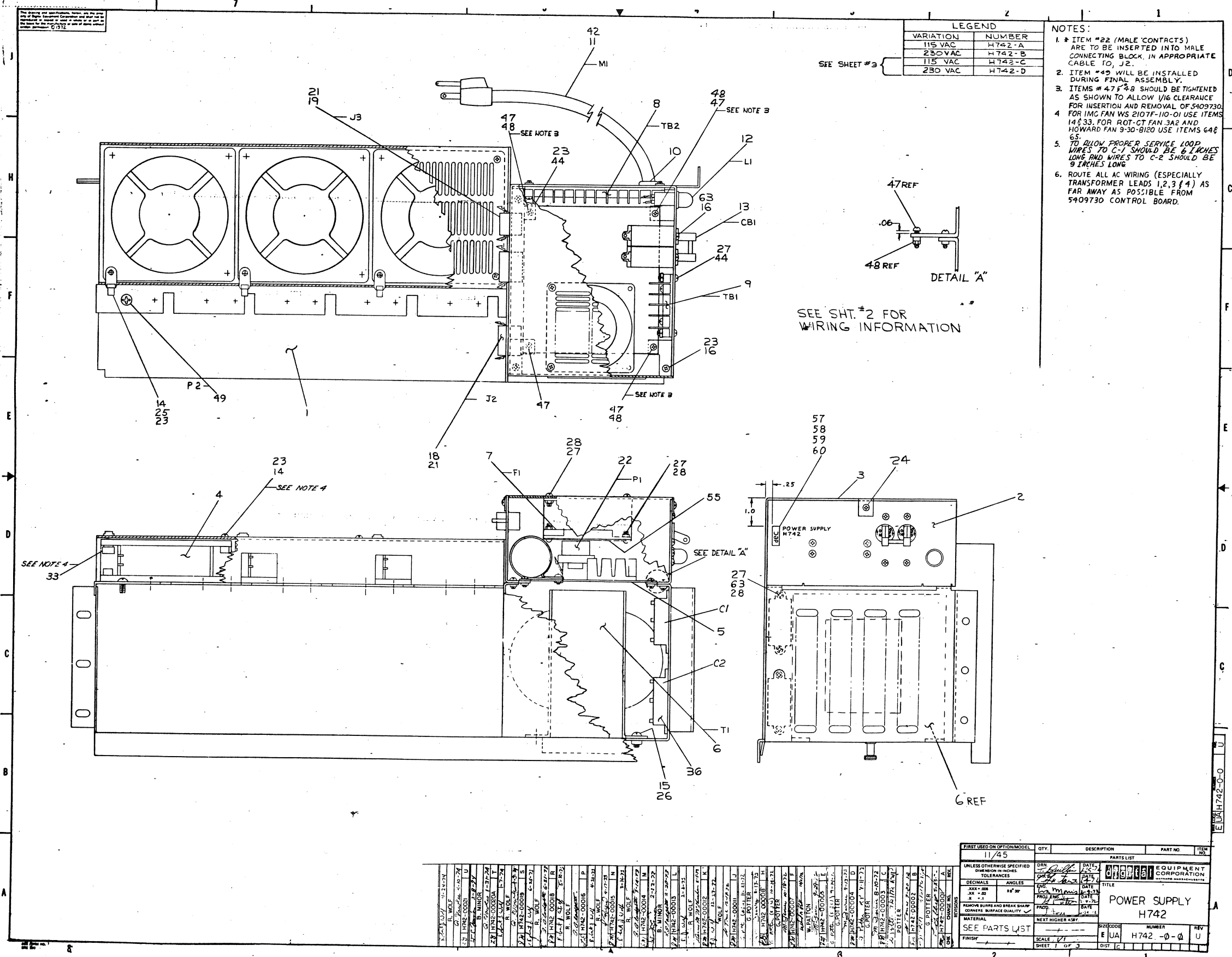


[illegible]

TRANSISTOR & DIODE CONVERSION CHART					
DEC22:9	2N2219	IN521			
	SAME	IN555B			
2N1308		IN751A			
MP5A5		SAME			
MJ3000		SAME			
2N1309	SAME	IN4001			
IN4002		IN9208			
		IN46A			

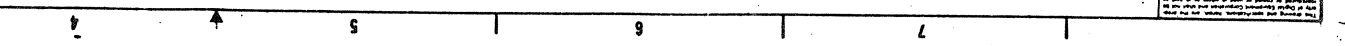
SIZE	CODE	NUMBER	REV
C	CS	5409730-0-1	N

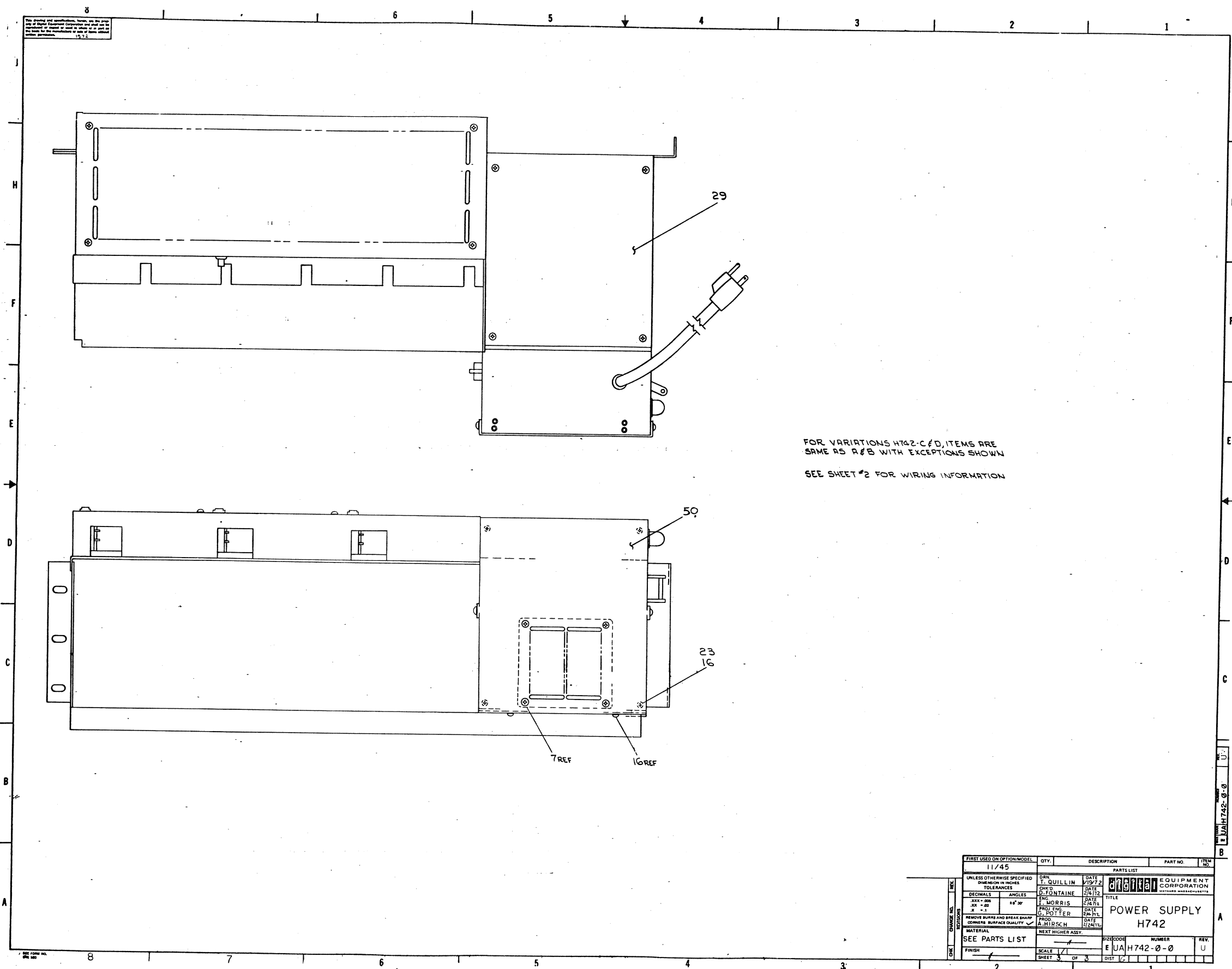




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A horizontal number line with tick marks labeled 2, 3, and 4.





FIRST USED ON OPTION/MODEL 11/45		QTY.	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES		DRN T. QUILLIN DATE 1/19/72	PARTS LIST		
DECIMALS XXX + .005 XXX - .005 X = .1		DATE 3/4/72	TITLE POWER SUPPLY H742		
ANGLES 10° 30'		DATE 1/19/72	NUMBER EUAH742-0-0		
REMOVE BURRS AND BREAK SHARP CORNERS. SURFACE QUALITY		DATE 1/19/72	REV. U		
MATERIAL SEE PARTS LIST		DATE 1/19/72	NEXT HIGHER ASSY.		
FINISH		SCALE 1/1	SHEET 3 OF 3		

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

QUANTITY / VARIATION

MADE BY T. QUILLIN
DATE 1/19/72
ENG *P. Miller*
DATE 2/14/72
CHECKED D. FONTAINE
DATE 1/26/72
PROD *D. Fontaine*
DATE 2-24-72
SECTION 1
ISSUED SECT. 1

ITEM NO. DWG NO. / PART NO. DESCRIPTION

1	E-1A-5309755-0-0	CHASSIS
2	D-1A-5309854-0-0	CONTROL BOX POWER
3	D-MD-5309850-0-0	POWER CONTROL COVER
4	1209403-1	FAN, BOXER
5	5409730-0-0	POWER CONTROL BOARD
6	16-10857	XMFR
7	1210719	FAN PEMOE, BOXER
8	9006916	JONES STRIP (12 CONN) 540
9	9006902	JONES STRIP (4 CONN) 540
10	9008509	STRAIN RELIEF
11	1700006-6	CORD, POWER (115V)
12	1211263	LIGHT, PILOT
13	1210491-3	CIRCUIT BREAKER 15 AMP
14	9006025-1	SCR. PHL PAN HD #6 X 32 X 5/8 LG
15	9006071-3	SCR. PHL TRUSS HD #10-32 X 3/8 LG
16	9006020-1	SCR. PHL PAN HD #6-32 X 1/4 LG
17	9009002	MECHANICAL JUMPER
18	1209350-15	MATE-N-LOCK 15 PIN (FEMALE)
19	1209350-09	MATE-N-LOCK 9 PIN (FEMALE)
20	1209391-09	MATE-N-LOCK 9 PIN (FEMALE)
21	1209379-01	CONTACTS (FEMALE)
22	1209378-01	CONTACTS (MALE)

TITLE

H742, POWER CONTROL

ASSY NO.
E-UA-H742-0-0
SHEET 1 OF 4

SIZE CODE
A PL
DIST. 1/2

NUMBER
H742-0-0

REV.
ECO NO.
H742-00025

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

QUANTITY / VARIATION

MADE BY T. QUILLIN
DATE 1-19-72
ENG *G. Patter*
DATE 2-14-72
CHECKED D. FONTAINE
DATE 1-26-72
PROD *D. Fontaine*
DATE 2-24-72
SECTION 1
ISSUED SECT. 1

ITEM NO. DWG NO. / PART NO. DESCRIPTION

23	9007649	L'WASH #6 EXT
24	9006453	#6-32 SEMS X 3/8 LG
25	9007033	TY WRAP HOLDER
26	9007651	L'WASH #10 EXT
27	9006560	KEPS NUT #6-32
28	9006022-1	SCR. PHL HD PAN #6-32 X .38
29	D-1A-7409701-0-0	BRACKET, POWER SUPPLY
30	9007113	DOUBLE UPRIGHT 90
31	9007269	DOUBLE 450
32	9107370-22	#14 AWG 19 STRAND PVC. INS. (RED)
33	9009165	FAN MTG CLIP
34	9107530-29	#18 AWG 19 STRAND PVC. INS. (RED/WHI) TWP
35	9007919	FASTON TAB (.250 SERIES) BLU
36	10-10193	CAPACITOR 2 X .1 uf @ 1000V
37	9007920	FASTON TAB (.250 SERIES) WHI
38	9007927	RING TERMINAL BLU
39	9007917	FASTON TAB (.250 SERIES) RED
40	9007112	SINGLE FLAT
41	5309854-0	POWER CONTROL BOX
42	1700016-6	CORD POWER (230V)
43	9107360-22	#18 AWG 19 STRAND PVC. INS. (RED)
44	9007793-1	SCR PHL PAN HD #6-32 X 9/16 LG

TITLE

H742 POWER CONTROL

ASSY NO.
E-UA-H742-0-0
SHEET 2 OF 4

SIZE CODE
A PL
DIST. 1/2

NUMBER
H742-0-0

REV.
ECO NO.
H742-00025

DIGITAL EQUIPMENT CORPORATION

MAYNARD, MASSACHUSETTS

PARTS LIST

MADE BY	T. Quillin	CHECKED	D. Fontaine	SECTION
DATE	1/19/72	DATE	1/26/72	1
ENG	G. POTTER	PROD	A. HIRSCH	ISSUED SECT.
DATE	2-14-72	DATE	2-24-72	1

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION
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DWG NO. / PART NO.	DESCRIPTION
45	CONNECTOR, HOUSING
46	CONNECTOR, PIN
47	SCR, PHL TRUSS HD. #6-32 X 3/8 LG.
48	NUT, HEX * 6-32 X 5/16 X 1/8
49	SCR PHL PAN HD. 10-32 X 3/8 SEMS
50	COVER, POWER CONTROL
51	POWER CONTROL BOX
52	SPACER #6-32 X 3/16 LG SST
53	H742 POWER SUPPLY INTERPLANT PACKAGE
54	MINI BOXER FAN SCREEN
55	SCR, PHL, PAN HD. #6-32 X 1/2 LG
56	DECAL, H742A
57	DECAL, H742B
58	DECAL, H742C
59	DECAL, H742D
60	BALUN ASSEMBLY
61	* 14 AWG IPVC STRANDED, GREEN
62	LOCK WASHER, #6 INT. TOOTH
63	SCR. PHL. PAN HD. 6-32 X 9/16LG
64	FAN MTG. CLIP
65	* SEE NOTE 4 ON E-UA-H742-0-0

TITLE	ACCV	NO	C

H742 POWER CONTROL	ASSY NO.	E-UA-H742-0-0	SIZE C	A	DIST.
	SHEET 3	OF 4			

DEC FORM DEC 16 1975 1031 N1070

A	PL	SIZE CODE	NUMBER	REV.	ECO NO.
				U	
DIST.					

DIGITAL EQUIPMENT CORPORATION

MAYNARD, MASSACHUSETTS

PARTS LIST

MADE BY	T. QUILLIN	CHECKED	D. FONTAINE	SECTION
DATE	1-19-72	DATE	1-26-72	1
ENG	G. POTTER	PROD	A. HIRSCH	ISSUED SECT.
DATE	2-14-72	DATE	2-24-72	1

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION
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[illegible]

TITLE	H742 POWER CONTROL	ASSY NO.	SIZE	CO
		E-UA-H742-O-O	A	P
		SHEET 4	OF 4	DIST

DEC FORM DEC 16-(325)-1031-N870
DRA 110

QUANTITY / VARIATION

[illegible]

CODE	NUMBER	REV.	ECO NO.
PL	H742-0-0	U	

DEC FORM DEC 16-(325)-1031-N870
DRA 110