

ILLUSTRATED PARTS BREAKDOWN

54-09728 REGULATOR BOARD

HOW TO USE THE IPB

GENERAL

This IPB is compiled following the organization and nomenclature of the engineering drawing structure.

MAJOR ASSEMBLY LOCATOR

The Major Assembly Locator (first illustration) is an index that provides a description and a figure reference for all illustrations used in this manual.

INDENTED PARTS LIST

This manual identifies each assembly being broken down (figure reference callout), and all parts of that assembly. Further breakdown of an assembly is shown by an asterisk (*) preceding the item callouts in the Description Column. The number of asterisks preceding an item is used to denote the subordination of that item with respect to the Major Assembly. A single asterisk preceding an item description indicates that the item is part of the major assembly being illustrated. Items that are subordinate to single asterisks items, are denoted by two asterisks (**) and immediately follow the related single asterisk item. Additional asterisks are used, as required, to denote further subordination. This system of part identification, provides a means for the user to identify the next higher assembly item and make alternate selections for parts when the required replacement part or assembly is not immediately available.

COLUMN CALLOUT DESCRIPTION

Figure & Item — Indicates the figure number and item number of each part.

Description — Lists the name of the part and pertinent specifications (when required). Asterisks preceding the description denote the subordination of the part to the next higher assembly.

DEC Part No. — Lists the DEC part ordering number. A blank in this column indicates a DEC part number was not assigned at the time of publication.

ECO Cut-In — The notation at the top of this column indicates the ECO level of the system (option), at which the IPB was initially prepared. Subsequent ECO level designations, that modify existing parts or add new parts to the device, are inserted in the ECO Cut-In column next to the part that is added or modified. A bracket ([]) preceding the item description is used to indicate the parts affected by ECO's.

Vendor Code/Part No. — Indicates vendor parts that are not stocked by DEC. Refer to the Field Service Spares Catalog (vendor part number to DEC part number) for the vendor code cross-reference.

Used On Code — Letters in this column correspond to the variation codes assigned in Figure 1. Parts with an Alpha notation(s) are used only in those option variations. A blank indicates that the part is used on all option variations.

Ref Fig No. — A cross reference between illustrations. For each Major Assembly, the number in this column denotes the figure of the next higher assembly. For all subassemblies, the number in this column denotes the figure showing additional detailed breakdown.

SYMBOL USAGE

Hardware Designators — Alpha designators for screws (S), washers (W), nuts (N), and retaining rings (R) are inserted after the item number callouts on the illustration when stacked item numbers are used.

Attaching Hardware — The @ symbol is inserted before any part that is used as attaching hardware. Attaching hardware is denoted as those parts that are not an integral part of the referenced assembly.

(NFR) Not Field Repairable — The (NFR) symbol is inserted after any assembly that is not to be field dismantled.

Other Symbols — Any other symbols that are required for kits, accessories, etc., will be explained and appear as part of the item description.

REVISION HISTORY

PRINTING	ECO LEVEL	DATE	PAGES AFFECTED
1st Printing	54-09728 00002—00016	3-25-74	N/A

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None of the descriptions contained in this manual imply the granting of any license whatsoever to make, use or sell equipment constructed in accordance therewith.

Printed in U.S.A.

REGULATOR BOARD

54-09758

ILLUSTRATION

PART 1

FRONT VIEW

The front view of the Regulator Board shows the following components:

- 1. Power Switch: A toggle switch located at the top left of the board.
- 2. Indicator Lamp: A small lamp located at the top right of the board.
- 3. Control Knob: A large knob located in the center of the board.
- 4. Output Terminal: A terminal located at the bottom right of the board.

The following table lists the components and their locations:

Component	Location
Power Switch	Top Left
Indicator Lamp	Top Right
Control Knob	Center
Output Terminal	Bottom Right

The Regulator Board is designed to regulate the output voltage of the power supply.

The following table lists the components and their locations:

Component	Location
Power Switch	Top Left
Indicator Lamp	Top Right
Control Knob	Center
Output Terminal	Bottom Right

The Regulator Board is designed to regulate the output voltage of the power supply.

The following table lists the components and their locations:

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Component	Location
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The Regulator Board is designed to regulate the output voltage of the power supply.

The following table lists the components and their locations:

Component	Location
Power Switch	Top Left
Indicator Lamp	Top Right
Control Knob	Center
Output Terminal	Bottom Right

The Regulator Board is designed to regulate the output voltage of the power supply.

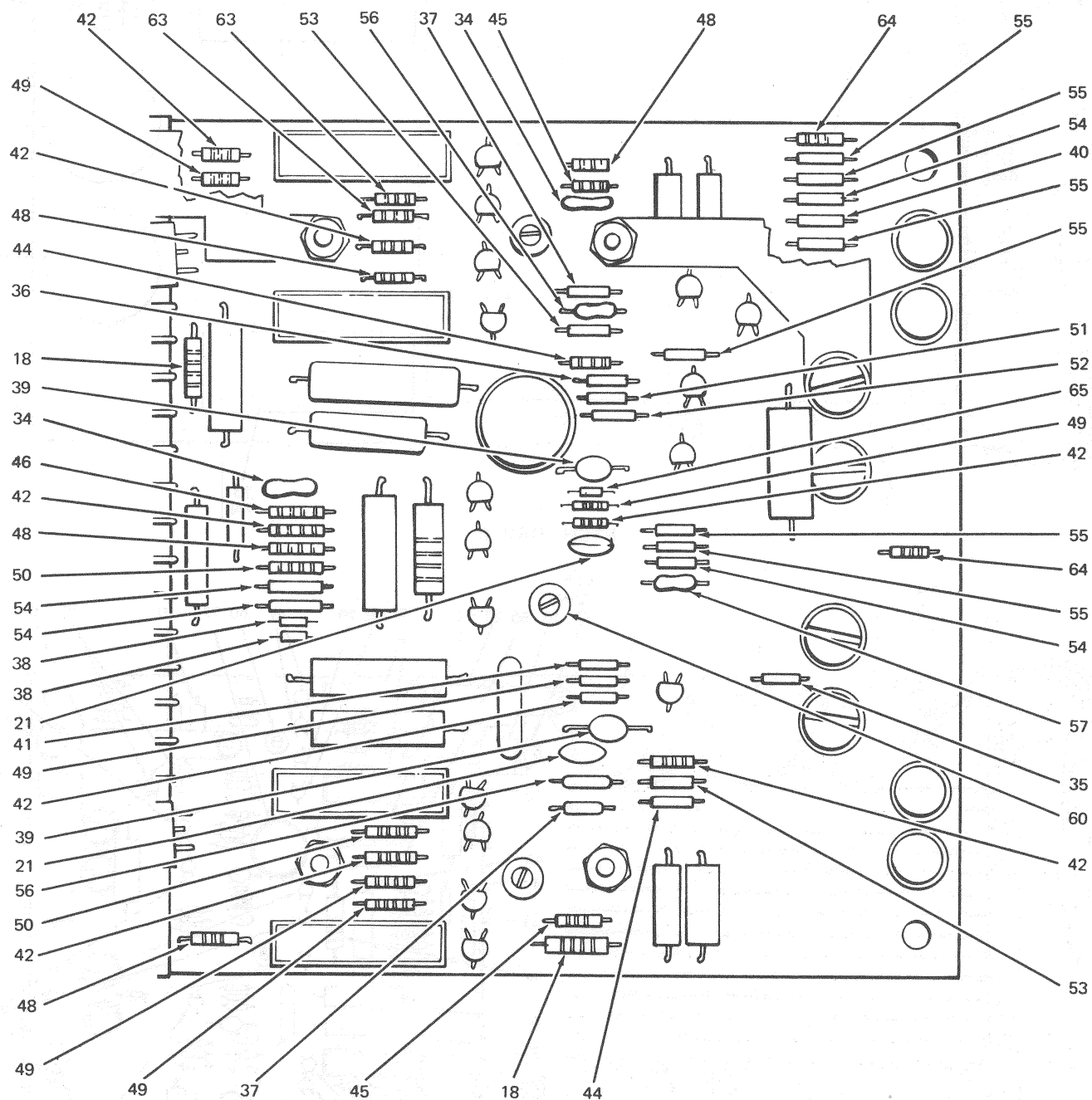
The following table lists the components and their locations:

Component	Location
Power Switch	Top Left
Indicator Lamp	Top Right
Control Knob	Center
Output Terminal	Bottom Right

The Regulator Board is designed to regulate the output voltage of the power supply.



1



ETCH REV. C

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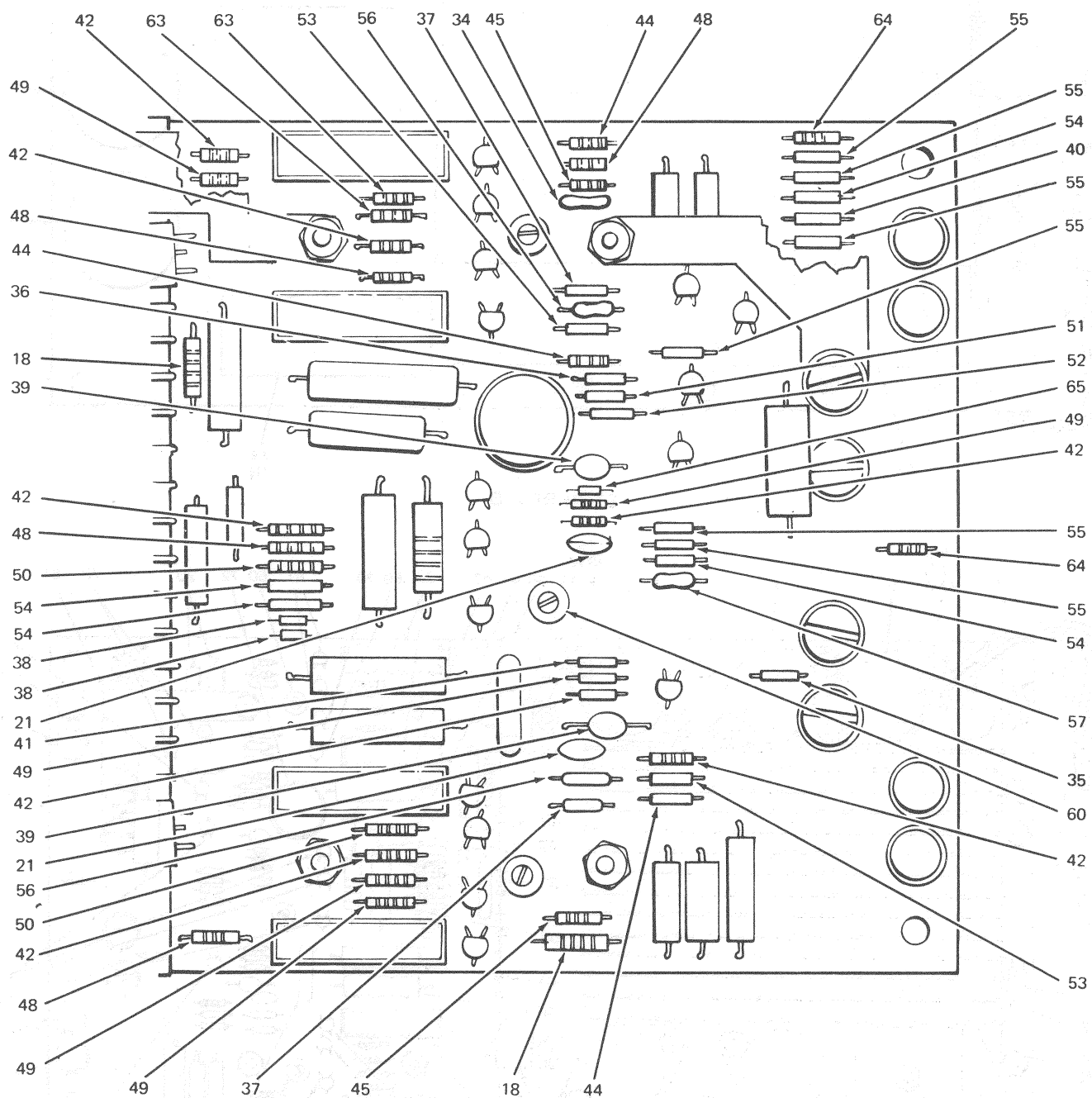
Figure 1. Regulator Board Assembly (Etch Rev. C) Sheet 2 of 2

FIG & ITEM NO.	DESCRIPTION	DEC PART NO.	ECO CUT-IN 54-09728 00002	USED ON CODE	VENDOR CODE	PART NO.	REF FIG NO.
1-	REGULATOR BOARD ASSEMBLY (ETCH REV. C)	54-09728-00					
	REGULATOR BOARD ASSEMBLY (ETCH REV. C) (OBSOLETE)	54-09728-YA	54-09728-YA 00002				
1	*Board, Etched (Rev. "C")	50-09727-00					
2	*Heatsink	12-10596-00					
3	*Transistor (Q6, Q22) 2N5302	15-10196-00					
4	*Diode (D5, D10) 20 Amp Fast Recovery Rect.	11-10715-00					
5	*Transistor (Q1) MJ900	15-10712-00					
6	*Screw, Phl Hd No. 6-32 x 9/16 Lg	90-07793-01					
7	*Nut, Keps No. 6-32 x 1/4	90-08185-00					
8	*Diode, (D14) Bridge Rectifier	11-10714-00					
9	*Screw, Phl Pan Hd No. 6-32 x 3/4 Lg	90-06026-01					
10	*Transistor (Q7, Q23) D45 H8/B	15-10708-02					
11	*Screw, Phl Pan Hd No. 4-40 x 1/2 (deleted)	90-06013-04					
	*Screw, Phl Pan Hd No. 4-40 x 5/8 (added)	90-06014-01	00012				
12	*Nut, Keps No. 4-40	90-06557-00					
13	*Thermostat (S1)	12-10824-00					
14	*Connector, Mate-N-Lok (J3)	12-10822-02					
15	*Pins, Male Crimp	12-09378-01					
16	*Fuse, (F1) 15 AMP, PICO	12-10929-00					
17	*Fuse, (F2) 5 AMP, PICO	12-05747-00					
18	*Resistor, (R4, R28, R45, R46) 4.7K Ohms 1/2W 5%	13-00445-00					
19	*Capacitor, (C4, C11) .033 MFD 100V 10% Mylar	10-00050-00					
20	*Capacitor, (C5) 39 MFD 10V 10% S. Tant	10-00076-00					
21	*Capacitor, (C8, C15) .01 MFD 100V 20% Disc	10-01610-00					
22	*Capacitor (C3, C6, C10, C13) 1 MFD 250V 20%	10-03054-00					
23	*Capacitor (C16) 47 MFD 20V 20% S. Tant	10-04814-00					
24	*Capacitor (C1, C2) 24000 MFD 50V -10% + 75%	10-10702-00					
25	*Contact, Common Capacitor	53-09779-00					
26	*Contact, Capacitor	53-09781-00					
27	*Screw, Phl Pan Hd No. 4-40 x 5/16 Lg	90-06010-04					
28	*Holder, Capacitor	53-09782-00					
29	*Connector, Mate-N-Lok (J1)	12-09351-03					
30	*Pin, Male	12-10823-01					
31	*Capacitor (C14) 3000 MFD 25V -10 + 75% S. Tant	10-10703-00					
32	*Capacitor (C7) 6000 MFD 10V -10 + 75% S. Tant	10-10704-00					
33	*Capacitor (C9) 20 MFD 60V 5% S. Tant	10-10716-00					
34	*Capacitor (C17, C18) 680 MMF 100V DM	10-00026-00					
35	*Diode (D13) 1N748A 3.9V Zener	11-00122-00					
36	*Diode (D9) AZ5 2.4V Zener	11-01938-00					
37	*Diode (D4, D8) 1N753A 6.2V Zener	11-02421-00					
38	*Diode (D1, D2) 1N4004	11-05796-00					
39	*Diode (D6, D11) 1N5624	11-10420-00					
40	*Diode (D3) 5.1V Zener	11-10925-00					
41	*Diode (D7) 1N5248B 18V Zener	11-10766-00					
42	*Resistor (R15, R17, R23, R31, R32, R42, R53) 100 Ohms 1/4W 5%	13-00229-00					
43	*Resistor (R18) 100 Ohms 4W 5%	13-00236-00					
44	*Resistor (R44) 330 Ohms 1/4W 5%	13-00295-00					
45	*Resistor (R29, R37) 1K Ohms 1/4W 5%	13-00365-00					
46	*Resistor (R16) 6.8K Ohms 1/4W 5%	13-01423-00					
47	*Resistor (R55) 2.7K Ohms 1/2W 5%	13-00425-00					
48	*Resistor (R38, R43, R56, R57) 10K Ohms 1/4W 5%	13-00479-00					
49	*Resistor (R20, R21, R30, R48, R54) 10 Ohms 1/4 5%	13-01317-00					
50	*Resistor (R24, R47) 68K Ohms 1/4W 5%	13-01327-00					
51	*Resistor (R49) 147 Ohms, 1/8W, 1% MF	13-02874-00					
52	*Resistor (R51) 100 Ohms 3%	13-10927-00					

FIG & ITEM NO.	DESCRIPTION	DEC PART NO.	ECO CUT-IN 54-09728 00002	USED ON CODE	VENDOR CODE	PART NO.	REF FIG NO.
1-							
53	*Resistor (R27, R36) 464 Ohms 1/8W 1% MF	13-03047-00					
54	*Resistor (R1, R7, R8, R14) 1K Ohms 1/8W 1% MF	13-03114-00					
55	*Resistor (R2, R3, R5, R6, R11, R12) 10K Ohms 1/8W 1% MF	13-03312-00					
56	*Resistor (R25, R34) 383 Ohms 1/8W 1% MF	13-05125-00					
57	*Resistor (R10) 7.5K Ohms 1/8W 1% MF	13-05322-00					
58	*Resistor (R33) .39 Ohms, 2W 5% WW	13-10868-00					
59	*Resistor (R52) .1 Ohms, 5W 5% WW	13-05872-00					
60	*Pot. (R26, R35, R50) 100 Ohms 1/2W 20% 62 PR	13-09150-05					
61	*Resistor (R22) .2 Ohms 5W 5%	13-09884-00					
62	*Resistor (R41) .025 Ohms 7W 3%	13-10709-01					
63	*Resistor (R39, R40) 5.1 Ohms 1/4W 5%	13-09422-00					
64	*Resistor (R9, R13) 470 Ohms, 1/4W 5%	13-00316-00					
65	*Diode, Zener (D12) 5.6V (Obsolete)	11-02808-00					
	*Diode, Zener (D12) 5.7V 2% (Added)	11-11205-00	00009				
66	*Capacitor, (C12) 10 MFD 20V 10% S. Tant	10-04813-00					
67	*Transistor, (Q13, Q20) 2N1308	15-00583-00					
68	*Transistor, (Q14, Q19) 2N1309	15-01311-00					
69	*Transistor, (Q4, Q10, Q12, Q21, Q24, Q25) XA05	15-10705-00					
70	*Transistor, (Q2, Q3, Q5, Q8, Q9, Q15, Q16, Q17, Q18, Q26) XA55	15-10706-00					
71	*Transistor (Q27) MAC 11-3	15-10765-00					
72	*Transistor (Q11) C32AX135	15-10928-00					
73	*Choke (L1) 100 MH 20A MMC 4289	16-10717-00					
74	*Choke (L2) 220 MH 7A MMC 4340	16-10849-00					
75	*Connector, Mate-N-Lok (J2)	12-09350-09					
76	*Pin, Female	12-09456-01					
77	*Resistor (R19) .1 Ohms 5W 5%	13-05872-00					
	*Resistor (R19) .08 Ohms 5W 3% (Used on 54-09728-YA Version only)	13-10983-00					
78	*Washer, Flat No. 6 (added)	90-06658-00	00012				
79	*Washer, Lock Int Tooth No. 4 (added)	90-06632-00	00012				
80	*Spacer, No. 4-40 x 3/16 AF x 1/4 (added)	90-08496-00	00012				
81	*Strap, Thermal No. 1 (added)	55-10892-01	00012				
82	*Strap, Thermal No. 2 (added)	55-10891-01	00012				
	†Compound, Thermal	90-08268-00					



Figure 2. Regulator Board Assembly (Etch Rev. D) Sheet 1 of 2



ETCH REV. D

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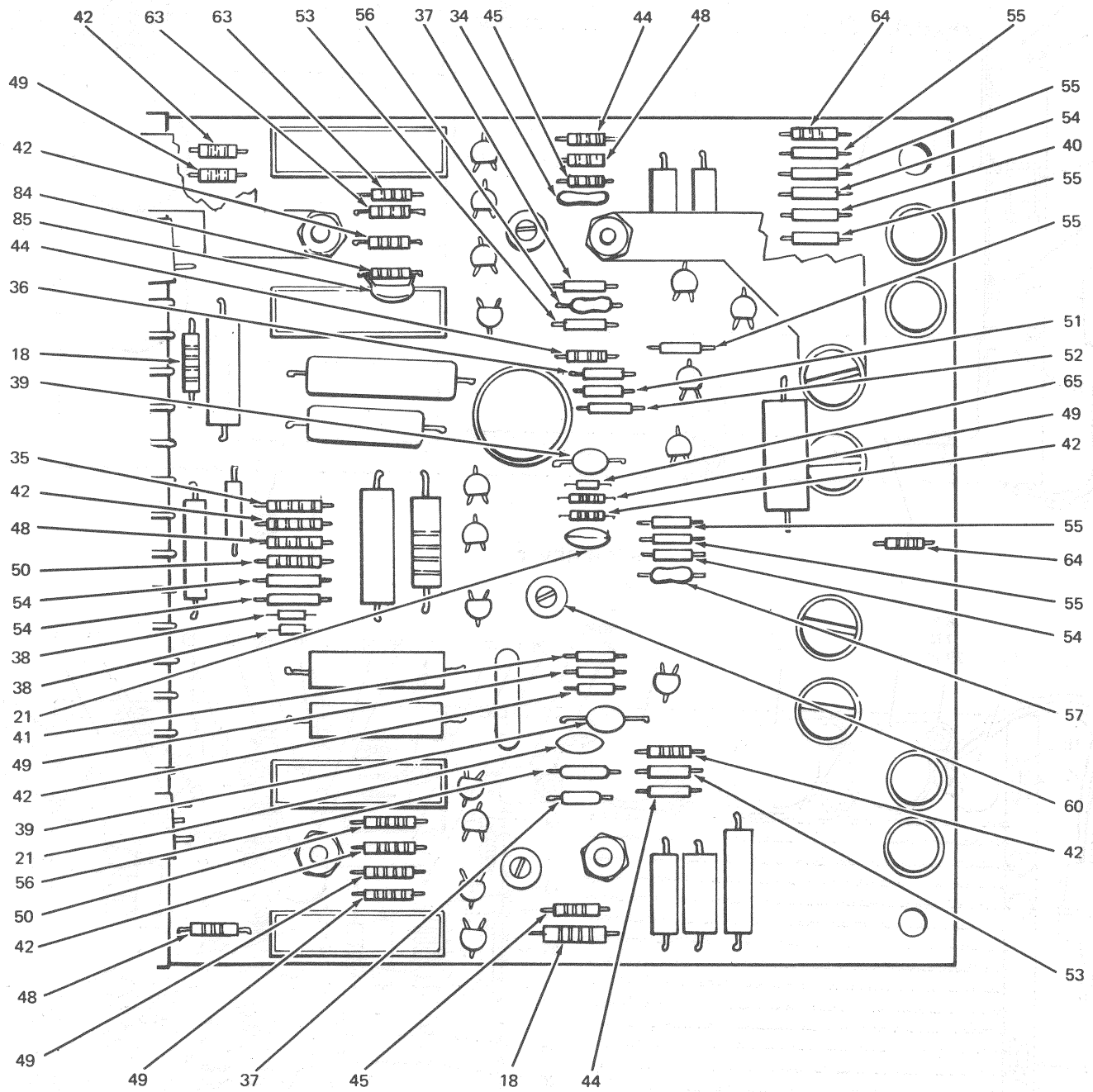
Figure 2. Regulator Board Assembly (Etch Rev. D) Sheet 2 of 2

FIG & ITEM NO.	DESCRIPTION	DEC PART NO.	ECO CUT-IN 54-09728 00004	USED ON CODE	VENDOR CODE	PART NO.	REF FIG NO.
2-	REGULATOR BOARD ASSEMBLY (ETCH REV. D)	54-09728-00					
1	*Board, Etched (Rev. D)	50-09727-00					
2	*Heatsink	12-10596-00					
3	*Transistor (Q6, Q22) 2N5302	15-10196-00					
4	*Diode (D5, D10) 20 Amp Fast Recovery Rect.	11-10715-00					
5	*Transistor (Q1) MJ900	15-10712-00					
6	*Screw, Phl. Hd. No. 6-32 x 9/16 Lg	90-07793-01					
7	*Nut, Keps No. 6-32 x 1/4	90-08185-00					
8	*Diode, (D14) Bridge Rectifier	11-10714-00					
9	*Screw, Phl Pan Hd No. 6-32 x 3/4 Lg	90-06026-01					
10	*Transistor (Q7, Q23) D45 H8/B	15-10708-02					
11	*Screw, Phl Pan Hd No. 4-40 x 1/2 (deleted)	90-06013-04					
	*Screw, Phl Pan Hd No. 4-40 x 5/8 (added)	90-06014-01	00012				
12	*Nut, Keps No. 4-40	90-06557-00					
13	*Thermostat (S1) (see Note 1)	12-10824-00					
14	*Connector, Mate-N-Lok (J3) (see Note 1)	12-10822-02					
15	*Pins, Male Crimp (see Note 1)	12-09378-01					
16	*Fuse, (F1) 15 Amp, PICO	12-10929-00					
17	*Fuse (F2) 10 Amp, PICO	12-10929-01					
18	*Resistor, (R4, R28, R45, R46) 4.7K Ohms 1/2W 5%	13-00445-00					
19	*Capacitor, (C4, C11) .033 MFD 100V 10% Mylar	10-00050-00					
20	*Capacitor, (C5, C17) 6.8 MFD 35V 10% S. Tant	10-05306-00					
21	*Capacitor, (C8, C15) .01 MFD 100V 20% Disc	10-01610-00					
22	*Capacitor, (C3, C6, C10, C13) 1 MFD 100V 10%	10-11032-00					
23	*Capacitor, (C16) 47 MFD 20V 10% S. Tant	10-04814-00					
24	*Capacitor, (C1, C2) 24000 MFD 50V -10% + 75%	10-10702-00					
25	*Contact, Common Capacitor	53-09779-00					
26	*Contact, Capacitor	53-09781-00					
27	*Screw, Phl Pan Hd No. 4-40 x 5/16 Lg	90-06010-04					
28	*Holder, Capacitor	53-10126-00					
29	*Connector, Mate-N-Lok (J1)	12-09351-03					
30	*Pin, Male	12-10823-01					
31	*Capacitor (C14) 3000 MFD 25V -10 + 75% S. Tant	10-10703-00					
32	*Capacitor (C7) 6000 MFD 10V -10 + 75% S. Tant	10-10704-00					
33	*Capacitor (C9) 20 MFD 60V 5% S. Tant	10-10716-00					
34	*Capacitor (C18) 680 MMF 100V DM	10-00026-00					
35	*Diode (D13) 1N748A 3.9V Zener	11-00122-00					
36	*Diode (D9) AZ5 2.4V Zener	11-01938-00					
37	*Diode (D4, D8) 1N753A 6.2V Zener	11-02421-00					
38	*Diode (D1, D2) 1N4004	11-05796-00					
39	*Diode (D6, D11) 1N5624	11-10420-00					
40	*Diode (D3) 5.1V Zener	11-10925-00					
41	*Diode (D7) 1N5248B 18V Zener	11-10766-00					
42	*Resistor (R15, R17, R23, R31, R32, R42, R53) 100 Ohms 1/4W 5%	13-00229-00					
43	*Resistor (R18) 100 Ohms 2W 5%	13-02380-00					
44	*Resistor (R16, R44, R58) 330 Ohms 1/4W 5%	13-00295-00					
45	*Resistor (R29, R37) 1K Ohms 1/4W 5%	13-00365-00					
46	*Resistor (R19) .06 Ohms 5W 3% WW	13-10876-02					
47	*Resistor (R55) 2.7K Ohms 1/2W 5%	13-00425-00					
48	*Resistor (R38, R43, R56, R57) 10K Ohms 1/4W 5%	13-00479-00					
49	*Resistor (R20, R21, R30, R48, R54) 1/4W 5%	13-01317-00					
50	*Resistor (R24, R47) 68K Ohms 1/4W 5%	13-01327-00					
51	*Resistor (R49) 147 Ohms 1/8W 1% MF	13-02874-00					
52	*Resistor (R51) 100 Ohms 3% PTC	13-10927-00					
53	*Resistor (R27, R36) 464 Ohms 1/8W 1% MF	13-03047-00					
54	*Resistor (R1, R7, R8, R14) 1K Ohms 1/8W 1% MF	13-03114-00					

FIG & ITEM NO.	DESCRIPTION	DEC PART NO.	ECO CUT-IN 54-09728 00004	USED ON CODE	VENDOR CODE	PART NO.	REF FIG NO.
2-							
55	* Resistor (R2, R3, R5, R6, R11, R12) 10K Ohms 1/8W 1% MF	13-03312-00					
56	* Resistor (R25, R34) 383 Ohms 1/8W 1% MF	13-05125-00					
57	* Resistor (R10) 7.5K Ohms 1/8W 1% MF	13-05322-00					
58	* Resistor (R33) .39 Ohms 2W 5% WW	13-10868-00					
59	* Resistor (R52) .1 Ohms 5W 5% WW	13-05872-00					
60	* Pot. (R26, R35, R50) 100 Ohms, 1/2W 20% 62 PR	13-09150-05					
61	* Resistor (R22) .2 Ohms 5W 5%	13-09884-00					
62	* Resistor (R41) .025 Ohms 7W 3%	13-10709-01					
63	* Resistor (R39, R40) 5.1 Ohms 1/4W 5%	13-09422-00					
64	* Resistor (R9, R13) 470 Ohms 1/4W 5%	13-00316-00					
65	* Diode, Zener (D12) 5.6V 1N752A (obsolete)	11-02808-00					
	* Diode, Zener (D12) 5.7V 2% (added)	11-11205-00	00006				
66	* Capacitor (C12, C19) 2.2 MFD 35V 10% S. Tant	10-02431-00					
67	* Transistor (Q13, Q20) 2N1308	15-00583-00					
68	* Transistor (Q14, Q19) 2N1309	15-10311-00					
69	* Transistor (Q4, Q10, Q12, Q21, Q24, Q25) XA05	15-10705-00					
70	* Transistor (Q2, Q3, Q5, Q8, Q9, Q15, Q16, Q17, Q18, Q26) XA55	15-10706-00					
71	* Transistor (Q27) MAC 11-3	15-10765-00					
72	* Transistor (Q11) C32AX135	15-10928-00					
73	* Choke (L1) 100 MFD 20A MMC 4289	16-10717-00					
74	* Choke (L2) 100 MFD 10A MMC 4445	16-11031-00					
75	* Connector, Mate-N-Lok (J2)	12-09350-09					
76	* Pin, Female	12-09456-00					
77	* Washer, Flat No. 6 (added)	90-06658-00	00012				
78	* Washer, Lock Int Tooth No. 4 (added)	90-06632-00	00012				
79	* Spacer, No. 4-40 x 3/16 AF x 1/4 (added)	90-08496-00	00012				
80	* Strap, Thermal No. 1 (added)	55-10892-01	00012				
81	* Strap, Thermal No. 2 (added)	55-10891-01	00012				
	†Compound, Thermal	90-08268-00					
	Note 1: Items 13, 14, 15 Replaced with Thermostat Assembly 70-09452-00 when used in PDP8M (15") and PDP8F (15").						



Figure 3. Regulator Board Assembly (Etch Rev. E) Sheet 1 of 2



ETCH REV. E

11/05 - 06

Figure 3. Regulator Board Assembly (Etch Rev. E) Sheet 2 of 2

FIG & ITEM NO.	DESCRIPTION	DEC PART NO.	ECO CUT-IN 54-09728 00008	USED ON CODE	VENDOR CODE	PART NO.	REF FIG NO.
3-	REGULATOR BOARD ASSEMBLY (ETCH REV. E)	54-09728-00					
1	*Board, Etched (Rev. E)	50-09727-00					
2	*Heatsink	12-10596-00					
3	*Transistor (Q6, Q22) 2N5302	15-10196-00					
4	*Diode (D5, D10) 20 Amp Fast Recovery Rect.	11-10715-00					
5	*Transistor (Q1) MJ2500	15-11282-00					
6	*Screw, Phi Hd No. 6-32 x 9/16 Lg	90-07793-01					
7	*Nut, Keps No. 6-32 x 1/4	90-08185-00					
8	*Diode (D14) Bridge Rectifier	11-10714-00					
9	*Screw, Phi Pan Hd No. 6-32 x 3/4 Lg	90-06026-01					
10	*Transistor (Q7, Q23) D45 H8/B	15-10708-02					
11	*Screw, Phi Pan Hd No. 4-40 x 1/2 (deleted)	90-06013-04					
	*Screw, Phi Pan Hd No. 4-40 x 5/8 (added)	90-06014-01	00012				
12	*Nut, Keps No. 4-40	90-06557-00					
13	*Thermostat (S1) (See Note 1)	12-10824-00					
14	*Connector, Mate-N-Lok (J3) (See Note 1)	12-10822-02					
15	*Pins, Male Crimp (See Note 1)	12-09378-01					
16	*Fuse (F1) 15 Amp PICO	12-10929-00					
17	*Fuse (F2) 10 Amp PICO	12-10929-01					
18	*Resistor (R4, R28, R45, R46) 4.7K Ohms 1/2W 5%	13-00445-00					
19	*Capacitor (C4, C11) .033 MFD 100V 10% Mylar	10-00050-00					
20	*Capacitor (C5, C17) 6.8 MFD 35V 10% S. Tant	10-05306-00					
21	*Capacitor (C8, C15) .22 MFD 50V +80 -20% Ceram	10-10274-00					
22	*Capacitor (C3, C6, C10, C13) 1 MFD 100V 10%	10-11032-00					
23	*Capacitor (C16) .22 MFD 35V (deleted)	10-02433-00					
	*Capacitor (C16) 100 MFD 20V (added)	10-04815-00	00013				
24	*Capacitor (C1, C2) 24000 MFD 50V -10% + 75%	10-10702-00					
25	*Contact, Common Capacitor	53-09779-00					
26	*Contact, Capacitor	53-09781-00					
27	*Screw, Phi Pan Hd No. 4-40 x 5/16 Lg	90-06010-04					
28	*Holder, Capacitor	53-10126-00					
29	*Tape, Foam 1" Long (added)	90-09087-01	00010				
30	*Spacer No. 6 Hole x 1/8 Lg (added)	90-09283-00	00010				
31	*Capacitor (C14) 3000 MFD 25V -10 + 75% S. Tant	10-10703-00					
32	*Capacitor (C7) 6000 MFD 10V -10 + 75% S. Tant	10-10704-00					
33	*Capacitor (C9) 20 MFD 60V 5% S. Tant	10-10716-00					
34	*Capacitor (C18) 680 MMF 100V (deleted)	10-00026-00					
	*Capacitor (C18) 1000 MMF 100V (added)	10-00042-00	00013				
35	*Diode (D13) 1N748A 3.9V Zener	11-00122-00					
36	*Diode (D9) AZ5 2.4V Zener	11-01938-00					
37	*Diode (D4, D8) 1N753A 6.2V Zener	11-02421-00					
38	*Diode (D1, D2) 1N4004	11-05796-00					
39	*Diode (D6, D11) 1N5624	11-10420-00					
40	*Diode (D3) 5.1V Zener	11-10925-00					
41	*Diode (D7) 1N5248B 18V Zener	11-10766-00					
42	*Resistor (R15, R17, R23, R31, R32, R42, R53) 100 Ohms 1/4W 5%	13-00229-00					
43	*Resistor (R18) 100 Ohms 2W 5%	13-02380-00					
44	*Resistor (R16, R44, R58) 330 Ohms 1/4W 5%	13-00295-00					
45	*Resistor (R29, R37) 1K Ohms 1/4W 5%	13-00365-00					
46	*Resistor (R19) .06 Ohms 5W 3% WW	13-10876-02					
47	*Resistor (R55) 2.7K Ohms 1/2W 5%	13-00425-00					
48	*Resistor (R38, R43, R57) 10K Ohms 1/4W 5%	13-00479-00					
49	*Resistor (R20, R21, R30, R48, R54) 10 Ohms 1/4 5%	13-01317-00					
50	*Resistor (R24, R47) 68K Ohms 1/4W 5%	13-01327-00					
51	*Resistor (R49) 147 Ohms 1/8W 1% MF	13-02874-00					
52	*Resistor (R51) 100 Ohms 3% PTC (deleted)	13-10927-00					
	*Resistor (R51) 100 Ohms 3% PTC (5500 PPM) (added)	13-10927-01	00011				
53	*Resistor (R27, R36) 465 Ohms 1/8W 1% MF	13-03047-00					

FIG & ITEM NO.	DESCRIPTION	DEC PART NO.	ECO CUT-IN 54-09728 00008	USED ON CODE	VENDOR		REF FIG NO.
					CODE	PART NO.	
3-							
54	*Resistor (R1, R7, R8, R14) 1K Ohms 1/8W 1% MF	13-03114-00					
55	*Resistor (R2, R3, R5, R6, R11, R22) 10K Ohms 1/8W 1% MF	13-03312-00					
56	*Resistor (R25, R34) 383 Ohms 1/8W 1% MF	13-05125-00					
57	*Resistor (R10) 7.5K Ohms 1/8W 1% MF	13-05322-00					
58	*Resistor (R33) .39 Ohms 2W 5% WW	13-10868-00					
59	*Resistor (R52) .1 Ohms 5W 5% WW	13-05872-00					
60	*Pot. (R26, R35, R50) 100 Ohms 1/2W 20% 62 PR	13-09150-00					
61	*Resistor (R22) .2 Ohms 5W 5%	13-09884-00					
62	*Resistor (R41) .025 Ohms 7W 3% (deleted)	13-10709-01					
	*Resistor (R41) .020 Ohms 7W 3% (added)	13-10709-02	00011				
63	*Resistor (R39, R40) 5.1 Ohms 1/4W 5%	13-09422-00					
64	*Resistor (R9, R13) 470 Ohms 1/4W 5%	13-00316-00					
65	*Diode, Zener (D12) 5.7V 2%	11-11205-00					
66	*Capacitor (C12, C19) 2.2 MFD 35V 10% S. Tant	10-02431-00					
67	*Transistor (Q13, Q20) 2N1308	15-00583-00					
68	*Transistor (Q14, Q19) 2N1309	15-01311-00					
69	*Transistor (Q4, Q10, Q12, Q21, Q24, Q25) XA05	15-10705-00					
70	*Transistor (Q2, Q3, Q5, Q8, Q9, Q15, Q16, Q17, Q18, Q26) XA55	15-10706-00					
71	*Transistor (Q27) MAC 11-3	15-10765-00					
72	*Transistor (Q11) C32AX135	15-10928-00					
73	*Choke (L1) 100 MFD 20A MMC 4289	16-10717-00					
74	*Choke (L2) 100 MFD 10A MMC 4445	16-11031-00					
75	*Connector, Mate-N-Lok (J2)	12-09350-09					
76	*Pin, Female	12-09456-00					
77	*Connector, Mate-N-Lok (J1) (deleted)	12-09351-03					
	*Connector, Mate-N-Lok (J1) (3-Pin PC) (added)	12-11342-03	00011				
78	*Pin, Male (deleted)	12-10823-01					
79	*Washer, Flat No. 6 (added)	90-06658-00	00012				
80	*Washer, Lock Int Tooth No. 4 (added)	90-06632-00	00012				
81	*Spacer, No. 4-40 x 3/16 AF x 1/4 (added)	90-08496-00	00012				
82	*Strap, Thermal No. 1 (added)	55-10892-01	00012				
83	*Strap, Thermal No. 2 (added)	55-10891-01	00012				
84	*Resistor (R56) 10K Ohms 1/4W 5% (deleted)	13-00479-00					
	*Resistor (R56) 680 Ohms 1/4W 5% (added)	13-01424-00	00013				
85	*Capacitor (C19) 2200 MMF 250V (added)	10-00055-00	00013				
	†Compound, Thermal	90-08268-00					
	Note 1: Items 13, 14, 15 Replaced with Thermostat Assembly 70-09452-00 when used in PDP8M (15") and PDP8F (15").						

ILLUSTRATED PARTS BREAKDOWN COMMENT SHEET

Any and all comments and suggestions for correcting errors and/or additional information to improve this manual will be reviewed and researched for possible use when this manual is revised and/or reprinted. Enter your comments and suggestions in the form provided below and return to Technical Documentation.

MODEL _____

PUBLICATION NO. _____

FIGURE NO. _____ ITEM NO. _____

CHANGE FROM _____

CHANGE TO _____

FIGURE NO. _____ ITEM NO. _____

CHANGE FROM _____

CHANGE TO _____

FIGURE NO. _____ ITEM NO. _____

CHANGE FROM _____

CHANGE TO _____

FIGURE NO. _____ ITEM NO. _____

CHANGE FROM _____

CHANGE TO _____

FIGURE NO. _____ ITEM NO. _____

CHANGE FROM _____

CHANGE TO _____

FIGURE NO. _____ ITEM NO. _____

CHANGE FROM _____

CHANGE TO _____

ADDITIONAL COMMENT(S)

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