

## 30960 Replace Components

**Power Supply Board**

Part No.	Value	Description	Part Number	Price	Comments
C16 A	15 uf	350 v electrolytic	C-ET22-350	1.64 ea	Replacement is 22 uf
B	15 uf	350 v electrolytic	C-ET22-350	1.64 ea	Replacement is 22 uf
C	20 uf	450 v electrolytic	C-ET22-450	1.93 ea	Replacement is 22 uf
D	75 uf	450 v electrolytic	C-ET100-450	4.39 ea	Replacement is 100 uf
C26	20 uf	450 v electrolytic	C-ET22-450	1.93 ea	Replacement is 22 uf
C27	.02 uf, +80%, -20%	500 v disc ceramic	C-SD02-600	.80 ea	Orange Drop Polyester
C28	4000 uf	15 v electrolytic	P5159-ND	2.12 ea	Replacement is 4700 uf, 25 volt radial

**Repro Board**

Part No.	Value	Description	Part Number	Price	Comments
C14	.02 uf, +80%, -20%	500 v disc ceramic	C-SD02-600	.80 ea	Orange Drop Polyester
C15	750 pf, +/- 5%	500 v fixed mica	C-SM360	.89 ea	360 pf (use 2 in parallel) Silver Mica
C17	.15 uf, 20%	400 v tubular	C-TD15-400	.49 ea	Metalized Polyester Tubular
C18	.02 uf, +80%, -20%	500 v disc ceramic	C-SD02-600	.80 ea	Orange Drop Polyester
C19	.02 uf, +80%, -20%	500 v disc ceramic	C-SD02-600	.80 ea	Orange Drop Polyester
C20	150 pf, +/- 20%	500 v disc ceramic	1368PH-ND	3.82 pak	10 per pak
C21	.02 uf, +80%, -20%	500 v disc ceramic	C-SD02-600	.80 ea	Orange Drop Polyester
C22	.1 uf, +80%, -20%	50 v disc ceramic	C-SD1-600	1.40 ea	Orange Drop Polyester
R27	330K, 1/2 watt	+/- 1%	R-M330K	.60 pak	5 per pak
R29	8.2 meg, 1/2 watt	10%	8.2H-ND	.27 pak	5 per pak
R33	10 meg, 1/2 watt	10%	9.1H-ND	.27 pak	5 per pak. Replacement is 9.1 meg
R34	220K, 1/2 watt	10%	R-M220K	.60 pak	5 per pak

**Record Board**

Part No.	Value	Description	Part Number	Price	Comments
C1	.15 uf, 20%	400 v tubular	C-TD15-400	.49 ea	Metalized Polyester Tubular
C2A	10 uf	450 v electrolytic	C-ET10-450	1.28 ea	
B	20 uf	450 v electrolytic	C-ET22-450	1.93 ea	Replacement is 22 uf
C	10 uf	350 v electrolytic	C-ET10-350	1.00 ea	
C3	.02 uf, +80%, -20%	500 v disc ceramic	C-SD02-600	.80 ea	Orange Drop Polyester
C4	.02 uf, +80%, -20%	500 v disc ceramic	C-SD02-600	.80 ea	Orange Drop Polyester
C5	.02 uf, +80%, -20%	500 v disc ceramic	C-SD02-600	.80 ea	Orange Drop Polyester
C8	.02 uf, 5%	400 v tubular	C-TD022-400	.34 ea	Metalized Polyester Tubular. Is .022
C9	.02 uf, +80%, -20%	500 v disc ceramic	C-SD02-600	.80 ea	Orange Drop Polyester
C10	.47 uf, +/-20%	400 v paper	C-PD47-400	2.22 ea	Orange Drop Polypropylene

**Other**

Part No.	Value	Description	Part Number	Price	Comments
C24	.0047 uf, +/-2%	500 v tubular ceramic	C-UD0047-630	.83 ea	Metalized Polypropylene Tubular
C25	.0047 uf, +/-2%	500 v tubular ceramic	C-UD0047-630	.83 ea	Metalized Polypropylene Tubular

Epoxy caps C16A, B, C & D into a cluster using 5-Minute Epoxy. Hold together with rubber band until dry.

Epoxy caps C2A, B, & C into a cluster using 5-Minute Epoxy. Hold together with rubber band until dry.

Part numbers ending in "ND" are from Digi-Key. All others from Antique Electronic Supply.

AMP edge connector openings (jaws) go to the right when viewed from the top.

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