

**Dynaco ST-100 Parts  
Amplifier PCB**

Qty	Designator	Description	Mouser	Comments
1	R28	3R3 0.5W 5%	603-MFR50SFTE52-3R3	
2	R13, R14	100R 0.5W 5%	273-100-RC	
1	R4	150R 0.5W 5%	273-150-RC	
1	R8	270R 0.5W 5%	273-270-RC	
2	R16, R17	300R 7W 5%	71-RS010300ROFE12	10W
2	R6, R29	1K 0.5W 5%	273-1K-RC	
1	R7	1K5 0.5W 5%	273-1.5K-RC	
1	R10	3K9 0.5W 5%	273-3.9K-RC	
4	R1, R2, R9, R15	4K7 0.5W 5%	273-4.7K-RC	
2	R11, R12	10K 0.5W 5%	273-10K-RC	
1	R3	30K 0.5W 5%	273-51K-RC	use 51K to compensate for Beta
1	R5	100K 0.5W 5%	273-100K-RC	
1	C15	27 pF	581-SR151A270JAR	
1	C13	68 pF	581-SR151A680JAR	
1	C2	150 pF mica		do not replace
1	C14	0.01 uF 100V	80-C440C103J1G	
1	C1	5 uF 10V tantalum	667-ECE-A1EN4R7U	4.7 uF bipolar
1	C4	35 uF 20V bipolar	140-NPAL50V33-RC	33 uF; eol
1	C6	0.47 10V	539-150100V.47J	
2	C5	250 uF 16V	647-TVX1H221MCD	220 uF 50V
0	C3	250 uF 40V		use above part number
1	D1	1N4733	512-1N4733A	
2	D2, D3	1N4004	512-1N4004	
2	Q1	BC108A 130-180 beta	511-2N3440	use 2N3440
0	Q2	2N5320 160-260 beta 90Vcev, r=5K		use above part number
1	Q3	TIP31C	511-TIP31C	
1	Q4	TIP32C	511-TIP32C	
2	Q5, Q6	MJ15003G	863-MJ15003G	
<b>Amplifier Off-PCB</b>				
1	R27	0.47R 2W 10%	282-0.47-RC	mounts on heat sink
1	R18	4R7 1W 10%	281-4.7-RC	mounts on output connectors
1	C8	0.1 uF 100V	539-150104J100BB	mounts on output connectors; eol