

Ipod amplifier parts list

Parts list for iPod amplifier PCB (ref:0841)

Part Id	Component	Electron code	Notes
R1, R6, R8	1K 1/8W resistor	540-317	
R2, R3	1K5 1/8W resistor	540-318	
R4	1R 1/8W resistor	540-301	
R7	1M 1/8W resistor	540-350	
VR1	1K Preset pot	545-060	1
C1, C7	10µF 16V electrolytic capacitor	500-310	
C2, C4	220µF 10V electrolytic capacitor	500-316	
C3	150pF Ceramic capacitor	500-700	
C5	220nF Ceramic capacitor	500-702	
C6	47nF Ceramic capacitor	500-701	
D1	Super red low current LED	530-036	
TR1	2N3906	550-046	
IC1	TBA820	560-071	
SW1	Miniature slide switch	585-032	
SKT1	3.5mm Jack socket	100-507	
PL2	2pin JYK Header	100-750	2
PL1	Battery snap	500-068	
	8pin DIL socket	100-474	
	Crimp terminals	100-752	2
	2pin JYK Crimp housing	100-751	2
	8Ω Loudspeaker	580-316	
	Stranded equipment wire	100-331	3

Notes

A chassis mount potentiometer can be used instead (e.g. Electron Electronics [part: 545-090](#)). For this option you will also require a control knob (e.g. Electron Electronics [part: 520-068](#))

The PCB is designed to accommodate a JYK header for the loudspeaker connection. This connection method provides a reliable and professional means of attaching flying leads. You

can find further details [here](#). If you do not wish to use the recommended connector you can solder speaker wires directly to the PCB. You will first need to drill a 3mm wire threading hole nearby (between PL2 and C5) taking care not to damage a PCB track.

- 3 This wire is suitable for use with the JYK crimp terminals.

