

Part ID	Value	Comment
C1, C3, C5	0.1uF	Plastic film cap, 5mm pitch
C2	10uF	Electrolytic. 5mm dia, 2mm pitch. Min 10V
C4	47uF	Electrolytic. 5mm dia, 2mm pitch. High quality, i.e. Silmic
Cf (2 required)	?	To suit choice of LP filter. Needs to be good quality and small, to fit PCB (5mm or 7.5mm pitch)
Rf (2 required)	?	To suit choice of LP filter. Needs to be good quality, i.e. vishay nude or Caddock MK-132, and small (5mm pitch) to fit PCB.
R1	250K	Multiturn miniature trim pot
R2, R3	1K0	0.25W
R-LED	?	Current limit resistor to suit LED1 with 5V supply. See www.ledcalc.com
D1	1N4148	
JLSounds Header 1		Farnell order # 2283762. I've used these, good snug fit on JLSounds board headers.
JLSounds Header 2		Farnell order # 2283762. I've used these, good snug fit on JLSounds board headers.
JP1		2.54mm pitch header/jumper
LED1	?	To choice
Q1, Q2	2N5551	Farnell Order # 1862543
U1	NE555	Farnell Order # 9589899
U2	74HC74	Farnell Order # 1739880
Headers		2.54mm pitch 2pin headers for connecting LED, Mute1, Mute2 and outputs. Number to suit personal choices.
IC Socket	optional	Farnell Order # 1077344. I use so that relay are replacable. Relay pins 5 & 6 are not used.
Relay		Panasonic TQ2-5VDC, Farnell Order # 1175716