

Rwf-fitch parts
Rw march 1 2012

Project Parts List Computer Headset Adapter

RadioShack order numbers shown. Builder may have to sample other sources (Digikey, Mouser etc.) for parts marked ().*

Quan	Description	RadioShack #
2	1458 Dual section op-amps	276-038
2	8 pin PCB DIP sockets	276-1995
1	Printed circuit project board	276-159
4	Standoffs	276-195 (set 4)
1	Project metal box enclosure	270-238
1	DPDT (on-on) miniature toggle switch	275-636
1	12 DC around 100 ma wall wart power supply	273-1773
2	3 wire (stereo) 1/8 inch jacks	274-0249 (set of 2)
1	Coax type chassis mount DC connector	274-1583
2	Matching plugs for above for wallwart and 9 V battery	274-1573 (set of 2)
1	XLR-3 male chassis count connector	*
1	¼ inch mono chassis mount jack with normal through switch	274-255
2	0.005 uf ceramic capacitors	272-130
2	0.01 uf ceramic capacitors	272-131
1	0.1 uf metal (for audio)	272-1053
3	220 uf 25 volt electrolytic	272-1029 or 272-1017
1	100 uf 10 volt electrolytic	272-1028 or 272-1016
1	7805 5 volt DC three pin regulator	276-1770
1	Murata NKA0512SC DC-DC converter two voltage our (5 V in +- 12 V out)	*
1	100 to 1000 ohm mini variable audio taper pot with on/off switch	*
1	Suitable knob for above pot	*

Resistors (1/2 watt unless noted). RadioShack numbers are sets of five

2	68 ohm	271-1106
4	4.7 K	271-1124
6	1 K (shown as 470 ohm in schematic but 1 Ks are actually better)	271-1118
1	100 ohm	271-1108
2	33 K	271-1104
1	10 K	271-1126
2	56 K	*

(An odd value; you can get close enough to 56k by series a 22k (RS 271-1128) and a 33k (RS 271-1129))

Also:

Miscellaneous construction components such as solder lugs, hook-up wire, bus wire, label material, etc.

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