



OSQ (Dan Armstrong™ Orange Squeezer™ Replica) Bill of Materials

Version 2009May26

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Resistors:

Resistor ID	Value	3-band Marking	4-band Marking
R1	1M5	 brown-green-green	 brown-green-black-yellow
R2	82k	 gray-red-orange	 gray-red-black-red
R3	470k	 yellow-violet-yellow	 yellow-violet-black-orange
R4	390k	 orange-white-yellow	 orange-white-black-orange
R5	2k4 (2.4k)	 red-yellow-red	 red-yellow-black-brown
R6	470k	 yellow-violet-yellow	 yellow-violet-black-orange
R8	470k	 yellow-violet-yellow	 yellow-violet-black-orange
R9	220k	 red-red-yellow	 red-red-black-orange
R10	10k	 brown-black-orange	 brown-black-black-red
R11	1k5 (1.5k)	 brown-green-red	 brown-green-black-brown
R12	100k	 brown-black-yellow	 brown-black-black-orange
R14	1k	 brown-black-red	 brown-black-black-brown

Capacitors:

Capacitor ID	Value	Type	Possible Marking
C1	0.047µF	Film	473
C2	0.0022µF (2200pF)	Film	222
C3	4.7µF	Tantalum or Aluminum Electrolytic	4.7µF



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C4	0.047µF	Film	473
C5	4.7µF	Tantalum or Aluminum Electrolytic	4.7µF
C6	4.7µF	Tantalum or Aluminum Electrolytic	4.7µF
C7	4.7µF	Tantalum or Aluminum Electrolytic	4.7µF

Potentiometers:

Part ID	Value	Type
R7 - Bias Trim	10k	Trimmer
R13 - Volume Control	10k	Trimmer (original) or Log (Audio) Taper Potentiometer

Other:

Part ID	Part Name
IC1	JRC4558D Dual Opamp
Q1	2N5457 JFET Transistor
Q2	2N5457 JFET Transistor
D1	1N100 (germanium diode)
D2	Status Indicator LED and holder
J1	Stereo quarter-inch jack
J2	Mono quarter-inch jack
J3	DC Jack
B1	9 volt battery (not included in the Kit)
Sw1	Heavy Duty 3PDT foot switch
	9v battery snap, Printed Circuit Board, 24 gauge stranded wire, Enclosure, Knobs