



Difference Amplifier Board - example parts list

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REF	COMPONENT	TYPE / VALUE	OTHER SPECS	PACKAGE
D1 – D4	Signal diode	1N4148		SOD-123
D5	Schottky diode	SS14		DO-214AC
U1	Op-amp	TS9222		SO-8
R1-R4	Resistor	10 k Ω	0.25W, 0.1%	1206 / 3216
R5, R7	Resistor	1 k Ω	0.25W, 5%	1206 / 3216
R6	Trimmer	10 k Ω	0.5W, 10%, multiturn	THT, 0.1 / 2.54 pitch
R8	Resistor	27 Ω	0.25W, 5%	1206 / 3216
R9	Resistor	10 Ω	0.25W, 5%	1206 / 3216
C1	Capacitor	100 nF	50V, 10%	0805 / 2012
C2-C4	Capacitor	1 nF	50V, 10%	0805 / 2012

Note: Package sizes shown as imperial / metric.

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