

2V to 5V Analog Amplifier - Bill of Materials
Hannah Thompson

Item Number	Manufacturer	Part Number	Description	Quantity	Ref Des
1	Kemet	C0603C103K4RACTU	10000pF $\pm 10\%$ 16V Ceramic Capacitor X7R 0603	1	C1
2	Molex, LLC	0436500313	3 Pin Header Connector 3mm Surface Mount Right Angle Gold	1	P1
3	Molex, LLC	0436500214	2 Pin Header Connector 3mm Surface Mount RA Gold	1	P2
4	Panasonic Electronic Components	ERJ-3EKF1001V	1K Ohm $\pm 1\%$ 1/10W Chip Resistor 0603	1	R1
5	Vishay	Y1629400R000B9L	400 Ohm $\pm 0.1\%$ 1/10W Chip Resistor 0805	1	R2
6	Bourns	3312J-1-102E	1K Ohm 1/10W J Lead Surface Mount Trimmer Potentiometer Cermet 1 Turn Top Adjustment	2	RV1, RV2
7	Microchip	MCP6001	IC OPAMP GP 1MHZ RRO SOT23-5	2	U1, U2