



Trimpot, Multi-Turn, 2k, 1/4W, w/knob	PCB pins		Bourns	64WR2KLF	<a href="#">Digikey</a>	987-1065-ND	\$	2.63	\$	51.86	25 pieces	Used in instrumentation lab.	<a href="#">Octopart Listing</a>
Trimpot, Single Turn, 10k, 1/2W, w/knob	PCB pins	1	SparkFun	COM-09806	<a href="#">Digikey</a>	1568-1616-ND	\$	1.08			10 pieces	<a href="#">A more expensive equivalent is 24 at Digikey</a>	<a href="#">Octopart Listing</a>
Trimpot, Single Turn, 15k, 1/2W, screwdriver adjust	PCB pins	1	Bourns	3386F-1-151LF	<a href="#">Mouser</a>	652-3386F-1-151LF	\$	1.60	\$	9.79	10 Pieces	Used in the current mirror lab. A 20k trimmer can be substituted.	<a href="#">Octopart Listing</a>
Trimpot, Single Turn, 100k, 1/2W, w/knob	PCB pins	1	Bourns	3386P-1-104TLF	<a href="#">Digikey</a>	3386P-1-104TLF-ND	\$	2.62	\$	51.70	25 pieces		<a href="#">Octopart Listing</a>
Trimpot, Single Turn, 1M, 1/2W, w/knob	PCB pins	1	Bourns	3386P-1-105TLF	<a href="#">Digikey</a>	3386P-1-105TLF-ND	\$	2.62	\$	51.70	25 pieces		<a href="#">Octopart Listing</a>
Potentiometer, Motor Driven		1	Alps Alpine	RK16812MG099	<a href="#">Mouser</a>	688-RK16812MG099	\$	20.75	\$	189.50	10 pieces	<a href="#">Cheaper in single quantity here (but not sure about shipping costs.)</a>	<a href="#">Octopart Listing</a>
<b>CAPACITORS</b>													
10µF, 60V, 100pf, 220pf, 330pf, 470pf, 560pf (Ceramic, 25V min, +/-10%)	Radial		Kemet	CK05BK100K	<a href="#">Digikey</a>	1001-2001-ND	\$	0.08	\$	33.48	50 pieces	Search for "capacitor kit ceramic/poly/tantalum/electrolytic" on Amazon or eBay	<a href="#">Digikey</a>
1000µF (Ceramic, 250V, +/-10%)	Radial		Panasonic	EEC-E2104KF	<a href="#">Digikey</a>	EF2104-ND	\$	0.39	\$	16.33	100 pieces	Any 25V or higher ceramic capacitor should work. Part number is for 10µF. Replace "100" to search for other values. Again a kit makes more sense.	<a href="#">Digikey</a>
0.001µF (Metalized Polyester, 100V min, +/-10%)	Radial		Kemet	R82EC11050H50I	<a href="#">Digikey</a>	399-11751-ND	\$	0.30	\$	6.81	50 pieces	Other polyester or polypropylene capacitors should work.	<a href="#">Digikey</a>
0.01µF (Metalized Polyester, 100V min, +/-10%)			Cornell Dubilier	150D3K630B8	<a href="#">Digikey</a>	338-3275-ND	\$	1.75	\$	14.17	10 pieces	Other polyester or polypropylene capacitors should work.	<a href="#">Digikey</a>
0.1µF (Metalized Polyester, 100V min, +/-10%)			Cornell Dubilier	104MPW160K	<a href="#">Digikey</a>	1572-1637-ND	\$	0.96	\$	30.27	50 pieces	Other polyester or polypropylene capacitors should work. <a href="#">This one is a bit cheaper.</a>	<a href="#">Digikey</a>
0.22µF (Metalized Polyester, 400V min, +/-10%)			Cornell Dubilier	224MWR400K	<a href="#">Digikey</a>	224MWR400K-ND	\$	1.19	\$	40.57	50 pieces	Other polyester or polypropylene capacitors should work.	<a href="#">Digikey</a>
0.33µF (Metalized Polyester, 35V min, +/-10%)	Radial		Kemet	R82DC3330AA60I	<a href="#">Digikey</a>	399-5906-ND	\$	0.42	\$	10.32	50 pieces	Other polyester or polypropylene capacitors should work.	<a href="#">Digikey</a>
1µF (Metalized Polyester, 35V min, +/-10%)	Radial		Kemet	R82EC4102Z70K	<a href="#">Digikey</a>	399-12645-ND	\$	0.80	\$	25.37	50 pieces	Other polyester or polypropylene capacitors should work.	<a href="#">Digikey</a>
4.7µF (Tantalum, 20V min, +/-10%)	Radial		Kyocera	TAP75K035SCS	<a href="#">Digikey</a>	478-1507-ND	\$	0.75	\$	22.06	50 pieces	Other tantalum capacitors should work.	<a href="#">Digikey</a>
10µF (Tantalum, 35V min, +/-10%)	Radial		Kyocera	TAP106M035SCS	<a href="#">Digikey</a>	478-6062-ND	\$	0.64	\$	18.81	50 pieces	Other tantalum capacitors should work.	<a href="#">Digikey</a>
15µF (Tantalum, 20V min, +/-10%)	Radial		Kyocera	TAP156K025SCS	<a href="#">Digikey</a>	478-1859-ND	\$	1.09	\$	37.34	50 pieces	Other tantalum capacitors should work.	<a href="#">Digikey</a>
100µF (Tantalum, 20V min, +/-10%)	Radial		Kyocera	TAP107KE020H58	<a href="#">Digikey</a>	478-9332-ND	\$	1.95	\$	68.79	50 pieces	Other tantalum capacitors should work.	<a href="#">Digikey</a>
100µF (Electrolytic, 35V min, +/-20%)	Radial		Rubycon	352H100MEFCS3K11	<a href="#">Digikey</a>	1159-1300-ND	\$	0.35	\$	8.07	50 pieces	Used for bypass. Other electrolytic capacitors should work.	<a href="#">Digikey</a>
100µF (Polymer Aluminum Electrolytic, 16V, +/-20% Low ESR)	Radial	1	Panasonic	165EPC100MW	<a href="#">Mouser</a>	667-165EPC100MW	\$	1.31	\$	45.10	50 pieces	<a href="#">Used in switching voltage regulator lab. Other low ESR aluminum polymer capacitors should work.</a>	<a href="#">Octopart Listing</a>