

Qty.	Description	Value	Tol.	Vendor	Part number	Included?
4	Diode	1N914		Digikey	1N914ACT-ND	yes
2	Trimmer resistors 0.25W	100 Ohm		Digikey	3306F-101-ND	yes
2	BNC connector, F, right angle, through hole			Digikey	WM5514-ND	yes
5	Capacitor, ceramic, 0.1" lead spacing	0.1uF	20%	Digikey	399-4151-ND	yes
1	Capacitor, ceramic, 0.1" lead spacing	0.47uF	20%	Digikey	445-4807-ND	yes
2	Capacitor, ceramic, 0.1" lead spacing	180pF	5%	Digikey	BC1016CT-ND	yes
2	Capacitor, ceramic, 0.1" lead spacing	22pF	5%	Digikey	478-4846-ND	yes
2	Capacitor, ceramic, 0.1" lead spacing	47pF	20%	Digikey	BC1009CT-ND	yes
1	Capacitor, electrolytic, radial, 0.1" lead spacing	4.7uF	20%	Digikey	445-4807-ND	yes
1	Capacitor, electrolytic, radial, 0.1" lead spacing	100uF	20%	Digikey	P5165-ND	yes
1	Ceramic resonator (3-pin, built-in capacitors)	12 MHz	1%	Digikey	X907-ND	yes
1	Inductor, through-hole			Digikey	P9820BK-ND	yes
1	LED T 1/34, red, through hole			Digikey	754-1264-ND	yes
1	Quad op-amp, 10 MHz GBP, DIP-14	MCP6024		Digikey	MCP6024-I/P-ND	yes
1	DIP socket, 14 pins			Digikey	A100205-ND	yes
1	DIP socket, 20 pins			Digikey	A100208-ND	yes
2	Resistor, 1/4W, through-hole	100 kOhm	1%	Digikey	P100KCACT-ND	yes
6	Resistor, 1/4W, through-hole	10 kOhm	5%	Digikey	P10KBACT-ND	yes
4	Resistor, 1/4W, through-hole	1 kOhm	1%	Digikey	RNF14FTD1K00CT-ND	yes
3	Resistor, 1/4W, through-hole	220 Ohm	5%	Digikey	CF14JT220RCT-ND	yes
2	Resistor, 1/4W, through-hole	270 Ohm	5%	Digikey	CF14JT270RCT-ND	yes
2	Resistor, 1/4W, through-hole	4.53 kOhm	1%	Digikey	RNF14FTD4K53CT-ND	yes
2	Resistor, 1/4W, through-hole	909 kOhm	1%	Digikey	909KXBK-ND	yes
1	Header, right angle, 8 pins, 0.1" spacing			Digikey	609-3314-ND	yes
1	USB jack, through hole			Digikey	AE9925-ND	yes
2	RCA connectors (optional, replaces BNC)			Digikey	CP-1401-ND	yes
1	Enclosure	Serpac A-21		Digikey	SRA21A-ND (almond) SRA21B-ND (black)	yes
1	Microcontroller, pre-programmed	PIC18F14K50				yes
1	Printed circuit board					yes
1	Polyfuse, 1206 SMD package			Digikey	F2864CT-ND	no
1	USB cable			Digikey	AE1462-ND	no
1	BNC-to-micrograbber cables			Jameco	11422	no