

Part Description	Per Kit	Digikey Part Number
Breadboard - Self-Adhesive	1	BKGS-400-ND
Mini screwdriver (Ring Terminal)	1	36-4003-ND
DC Barrel Male Jack : 2.1x5.5mm	1	CP-024A-ND
DC Barrel Female Plug : 2.1x5.5mm	1	EP501A-ND
9V Battery Clip w/ 4" Leads	1	36-232-ND
Mini Pushbutton Switch	2	CKN9098-ND
Red LED	4	160-1127-ND
Green LED	2	754-1265-ND
Blue LED	2	754-1878-ND
Infrared Emmitter	1	160-1063-ND
Infrared Detector	1	160-1065-ND
Trimpot 1 K	2	3362R-102LF-ND
Trimpot 10 K	2	3362R-103LF-ND
Trimpot 100 K	2	3362R-104LF-ND
Diode Small Signal - 1N4148	10	1N4148FSTR-ND
Zener Diode - 5.1V 1W	1	1N4733A-TPTR-ND
Transistor- NPN (P2N2222A)	2	BC33740TATB-ND
N-Channel Mosfet 60V 30A	2	FQP30N06L-ND
H-Bridge Motor Driver 1A (SM754410)	1	296-9911-5-ND
Schmitt Trigger CD40106B	2	296-3503-5-ND
Mini Photocell	2	PDV-P8103-ND
Thermistor 10K (Vishay NTCLE100E3)	1	BC2301-ND
Electret Microphone	1	433-1097-ND
Op-Amp (Through-Hole) - LM358	1	LM358NFS-ND
Comparator Single DIL-8 - LM311P	1	296-1389-5-ND
47 $\Omega$	10	CF14JT47R0TR-ND
100 $\Omega$	20	CF14JT100RTR-ND
220 $\Omega$	10	CF14JT220RTR-ND
330 $\Omega$	10	CF14JT330RTR-ND
680 $\Omega$	10	CF14JT680RTR-ND
1k $\Omega$	20	CF14JT1K00TR-ND
2.2k $\Omega$	10	CF14JT2K20TR-ND
3.3k $\Omega$	10	CF14JT3K30TR-ND
10k $\Omega$	10	CF14JT10K0TR-ND
100k $\Omega$	10	CF14JT100KTR-ND
1M $\Omega$	10	CF14JT1M00TR-ND
10nF	10	BC2662TB-ND
100nF	10	BC2665TB-ND
1 $\mu$ F	10	BC1168TR-ND
10 $\mu$ F	4	P10425TB-ND
100 $\mu$ F	4	P10369TB-ND
1000 $\mu$ F	4	P10373TB-ND