

What	Source	PN	Cost
PICkit 2 Programmer, Microchip PG164120	mouser	579-PG164120	\$ 34.99
PICkit 2 Programmer, Microchip PG164120	allied	383-0258	\$ 34.99
Header, right angle, 0.100 spacing, 5 pin, Molex 22-05-2051	mouser	538-22-05-2051	\$ 0.33
PIC16F88-I/P	mouser	579-PIC16F88-I/P	\$ 4.80
PIC16F88-I/P	Jameco	312733PS	\$ 4.15
SN754410NE motor driver chip	mouser	595-SN754410NE	\$ 1.88
Wire, hookup, 22g solid, yellow, spool of 1000 ft	Elec Expr	2700322YL	\$ 32.00
Solderless breadboard, 6.5" x 2.1"	Elec Expr	03MB102	\$ 4.50
Long nose pliers, mini, cushion grip	Elec Expr	060210	\$ 1.75
Wire stripper, 5"	Elec Expr	060220	\$ 2.45
Screwdriver, slotted, pocket size	Elec Expr	060112	\$ 0.45
Screwdriver, phillips, pocket size	Elec Expr	060116	\$ 0.65
Soldering iron w/ conical tip	Elec Expr	060509	\$ 5.25
Soldering iron stand	Elec Expr	060841	\$ 0.45
Solder tube	Elec Expr	060700	\$ 0.60
DMM, 7 function, with battery	Harbor	92020-1VGA	\$ 4.99
Wall wart, 9V, 300 mA, unregulated. 2.1x5.5 mm plug	Jameco	133891	\$ 4.45
IRL520 HEXFET, logic, 10A, TO-220	Jameco	209058	\$ 0.68
Diode, 1N914	Jameco	36311	\$ 0.02
Red LED, T1-3/4	Jameco	697602	\$ 0.11
9V battery snap	Jameco	11280PS	\$ 0.30
Capacitor, monolithic, 0.1uF, 50V, Z5U series	Jameco	25523	\$ 0.07
Capacitor, alum electrolytic, radial lead, 10uF, 50V	Jameco	29893	\$ 0.07
Voltage regulator, 5V, 100 mA, TO-92, 78L05	Jameco	51182PS	\$ 0.29
Voltage regulator, 5V, 1 A, TO-220, 7805T	Jameco	51262PS	\$ 0.35
Transistor array, ULN2003	Jameco	34278	\$ 0.39
AC-to-DC supply, unregulated, 9V, 300 mA	Jameco	133891	\$ 4.45
Heat shrink tubing, .16" pre-shrink, 10 ft	Jameco	644869	\$ 1.75
Jameco catalog	Jameco	n/a	\$ -
Small DC motor	Jameco	231896	\$ 1.19
Battery, 9V			
Resistor, 330 ohm			
Resistor, 1K ohm			
Resistor, 10K ohm			
2011 Robot Kit			
Hefty One-Zip bag, Jumbo (2.5 gal) size, box of 14	Target		
Resistor kit			
Power jack, 2.1 mm male, panel mount	Jameco	151590	\$ 1.19
Power jack, 2.1 mm male, cable mount	Jameco	159611	\$ 1.79
Trimmer pot, 1/2W, 10K	Jameco	43001	\$ 0.85
Rotary pot, 1/W, 10K	Jameco	255522	\$ 1.35
Encoder, 12mm, 2-bit gray code, 24 pulse, detents, Bourns PEC12-4225F-N0024	Jameco	776386	\$ 0.92
Connector, DB9F	Jameco	15771	\$ 0.66
RS-232 Transceiver, DIP-8, Dallas D275S	Jameco	866584PS	\$ 3.99
Stepper motor	All		
Op amp, TLV2374			
Op amp, LM324			
Strain gages			
Instrumentation amp (INA126P-ND (2.39)			
<b>ON LOAN TO STUDENTS</b>			
small motors			
USB to serial adapter cable (from ME2011)			
stepper motor			
pot			
power jack			