

Electronics and Mechanical Suppliers

1	1000Bulbs.com	
2	Abra-Electronics.com	Best meters
3	AllElectronics.com	
4	Amazon.com	
5	Bonanza.com	
6	DFRobot.com	
7	Digikey.com	Major electronic component wholesaler
8	DX.com	picKit2 clone
9	ElectronicKits.com	
10	Jameco.com	
11	KitsUSA.com	Robotic arm
12	Mouser.com	Major electronic component wholesaler
13	Mpja.com	
14	RCsuperStore.com	Servos
15	Robot-Electronics.co.uk/acatalog/Serial-Interface	
16	RobotMarketPlace.com	
17	RobotShop.com	
18	SmallParts.com	Belts, etc.
19	SparkFun.com	VEX parts, sensors, robot parts
20	SuperBrightLEDS.com	
21	TrossenRobotics.com	Robot kits, USB
22	Vexrobotics.com	
23	Vonero.com	
24	Waveshare.com	
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Description	Supplier	Price	Part #
1. ¼" 4-40 standoff	Mouser.com Digikey	\$0.79 \$1.04	534-8407 8407K-ND
100x 4-40 3/8 screws	Mouser.com	\$7.90	5721-440-3/8-ss
100x 4-40 nuts	Mouser.com	\$4.99	5721-440-ss
2 Phase 1.8° Stepper Motor	AllElectronics.com	\$5.00	SMT-89
7 Seg LED display	Mouser.com	\$2.90	630-HDSD-5503
Aligator Clip	Mouser.com	\$0.20	835-501784
Board SPST micro SW	Mouser.com	\$0.48	688-SKHLAA, 653-B3WN-6002

Breadboard (840 tie pt)	Abra-electronics.com Mouser.com	\$4.49 \$7.81	Abra-12 840 tie 589-TW-E40-1020
Breadboard Jumpers	Abra-Electronics.com	\$7.49	Abra-12-J
Bulb - 1691 28V .61A	1000Bulbs.com	\$0.10	IND-1691
Bulb – Halico 6327 100W clear	1000Bulbs	\$2.48	HALCO-6327
Buttons (20)	Abra-electronics.com	\$3.95	367-ADA
Cable RS 232 DB9 M/F	Mouser.com		932-M1KROE-388
Capacitor 10V 100µF	Mouser.com		140-L10V100-RC
Darlington trans array	Mouser.com	\$0.48	ULN2003AN
Electrical Tape	Mouser.com	\$0.75	517-1700
Etch-A-Sketch	Amazon	\$14.60	
F/F Jumper wire (10)	DFrobot.com	\$2.00	FIT0030
F/M Jumper wires(65)	DFrobot.com	\$5.80	FIT0121
HexInverter SN74HC14N	Mouser.com	\$0.45	595-SN74HC14N
IC Thermal Resistor	Digikey.com	\$5.04	DS18B20+-ND
IR sensor Short Range QRB1114/OPB704	Mouser.com	\$1.31	512QRB1114
IR sensor Short Range LTH 1550 (8.7mm)	Jameco.com	\$0.35	LTH-1550-01
Jump wire kit	Mouser.com	\$7.98	383-SWS-2100
LCD Display (Hitachi compat, 2 row)	Mouser.com	\$5.88	LCM-S001602DTRM
LED	Mouser.com	\$0.09	78-TLHR5405
LED red	Abra-Electronicis.com	\$0.09	LED-SR
Logic Gate (quad) OR SN74HC32N AND SN74HC08N NAND SN74HC00N	Mouser.com	\$0.35	595-SN74HC32N 595-SN74HC08N 595-SN74HC00N
Long Range IR sensor	Mouser.com RobotShop (150cm)	\$8.88	852-GP2Y0A21YK0F GP2y0A02YK0F
Microswitch (tall)	Mouser.com	\$0.23	506-1571010-1
MOSFET STP36N N Chan TTL 60V. 30A	Mouser.com	\$1.39	511-STP36nF06L 511-STP36NF06FP
Oscillator/Resonator 4M	Mouser.com	\$0.50	520-ZTT400M6
OWI Robotic Arm	KitsUSA.net	\$49.95	OWI-007 Robot Arm
Par Port Relay Array Board	ElectronicKits.com	\$39.95	CK1601A
Polarize latching terminals (2 wire)	Mouser.com	\$0.45	571-5-103957-1
Prebent Jumper wire kit	Mouser.com	\$7.50	383-SWS2100
Quad half bridge	Mouser.com	\$1.50	Sn754410
Resistor 220KΩ 10KΩ 100Ω	Mouser.com	\$0.09	293-220K-RC 293-10K-RC 293-100-RC

