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ELECTROMECHANICAL SENSORS

Jameco Part#	Manufacturer	Manufacturer Part #	Description	Type	Price 1
2150256	Sharp Electronic Components	136	Sharp IR Distance Sensor (GP2Y0A21YK0F), Distance Range (3.9 to 31.5 inches) 5V Supply, 3-Pin Interface	Distance, IR	\$ 13.95
2136454	Sharp Electronic Components	1137	Sharp Analog Distance Sensor GP2Y0A02YK0F 20-150cm Range: (7.8" - 59")4.5 V to 5.5 V Analog	Distance, IR	\$ 13.95
2150441	Dagu HiTech Electronic	RS002A	Sensor IR Compound Eye 200Mm Max Reading Range Finder, 4 Pairs IR Photo Transistors, IR LED'S	Distance, IR	\$ 4.95
2274367	Parallax	28041	LaserPING 2m Rangefinder, single I/O pin, PWM mode or optional serial mode, used with 3.3V and 5V microcontrollers.	Distance, Laser	\$ 29.95
150551	Spectra Symbol	FLEX SENSOR 4.5" LENGTH	4.5 Inch Flex Sensor 10-40K Ohms Max Resistance, Nominal 10K	Flex	\$ 14.49
2213270	DFRobot	SEN0159	CO2 Sensor (Arduino Compatible), MG-811 sensor module onboard	Gas	\$ 55.95
1915886	Honeywell	SS441A	SENSOR, HALL EFFECT PO,DO-41 Package, 1.0A 1-30V,50mA, 3-Pin	Hall Effect	\$ 1.25
1718701	Allegro Microsystems	A1104LUA-T	Hall Effect Sensor 25mA Unipolar 3-24V,3-PIN	Hall Effect	\$ 1.79
1915940	Honeywell	SS49E	Linear Hall Effect Sensors 3-Pin 3V-6.5VDC,6mA	Hall Effect	\$ 1.49
2290839	Jameco Valuepro	US5781KSO	Digital Switch Unipolar Switch Open Drain Hall Effect TSOT-23-3 125C	Hall Effect	\$ 0.99
2290783	Jameco Valuepro	US5781ESO	Digital Switch Unipolar Switch Open Drain Hall Effect TSOT-23-3 85C	Hall Effect	\$ 0.99
2201906	Micronas	HAL115UA-C	Bipolar Hall Effect Sensor,4.5VDC - 24VDC, 20mA, 3-Pin	Hall Effect	\$ 0.75
512401	Cherry	GS100701	Geartooth Speed Sensor 4-Pin,4.5VDC - 24VDC, 25mA, 20AWG Wires(3)	Hall Effect	\$ 29.95
1718743	Allegro Microsystems	A1302EUA-T	Hall Effect Sensor 10mA 5 Volt 3-Pin Ultra Mini SIP Bulk	Hall Effect	\$ 1.95
1915835	Honeywell	SS41	Digital Bipolar Position Sensor, 4.5VDC - 5VDC, 20mA, 3-Pin	Hall Effect	\$ 0.99
2135881	Allegro Microsystems	A1302KUA-T	5 Volt 10 mA Hall Effect Sensor, 3-Pin, Through Hole	Hall Effect	\$ 1.95
2245431	Velleman	VMA313	Hall Effect Magnetic Switch (Arduino-Compatible)(2 pack)	Hall Effect	\$ 4.29
2290879	Jameco Valuepro	NIS-09C	NIS-09C Ionization ION Smoke Sensor 33.3KBq, 7-12vdc, Flange Mount	Hall Effect	\$ 6.95
1871879	Optek Technology	OH180U	Hall Effect Sensor 25 Volt 50mA Bipolar, 3-Pin	Hall Effect	\$ 2.29
2035661	Vishay	TSOP4840	IR Remote Receiver 40KHz 45m 3-Pin, IC,TSOP4840 5 Volt	Infrared	\$ 0.99
2245440	Velleman	VMA314	Passive Infrared (PIR) Sensor,5VDC,3-PIN,Delay Time .3 to 18 seconds	Infrared	\$ 4.69
2082927	Parallax	555-28027	PIR Sensor (Rev B)Detection Range 15ft - 30ft,90deg view Angle,Onboard LED's, 3-Pin SIP Header	Motion	\$ 14.95
2205018	Parallax	28032	Wide Angle PIR Sensor,Detection Angle 180 degrees, Range 30 ft, Adj Sensitivity,4-Pin SIP	Motion	\$ 12.95
2240171	DFRobot	SEN0192	Gravity: Digital Microwave Sensor for Motion Detection,5V,60mA Max,3-Pin Digital Interface	Motion	\$ 15.95
2247891	Parallax	28033	Mini Passive Infrared (PIR) Sensor, Range 12 ft, 3-15VDC, Detect Angle 100 degrees, 3-Pin SIP Header	Motion	\$ 9.95
2230088	Jameco Valuepro	PIR-GB	Compact PIR Sensor for CCTV, 9-12V,Range 8-10 ft, 4.5" Wire Leads,(POS-GND-Sensing Out)	Motion	\$ 2.75
2246725	Jameco Valuepro	157004-VP	SENSOR,PIR MOTION,5V,DIGITAL,2-450cm DIST,3-PIN,ADJUSTABLE	Motion	\$ 4.95
2136471	Pololu	1645	Force Sensing Resistor 1.5" Square 1 Oz -22Lbs ,2 Leads 0.1" Spacing,.02"Thk	Pressure	\$ 10.95
2128260	Pololu	1696	1/2 Inch Circular Force Sensing Resistor,Polymer Film(PFT), .5"Body Dia, 1.4" Flex Leads	Pressure	\$ 6.95
2231620	Littelfuse	59140-1-T-02-E	Magnetic Proximity Sensor,10W SPST-NO -40-+105 deg C, Lead Wires W/JST Connector	Proximity	\$ 1.95
2007177	Parallax	32395	USB RFID Reader and 4 Tag Sampler Kit, 2400 Baud Serial Interface,Bi Color LED	RFID	\$ 59.95
2245466	Velleman	VMA405	RFID Read & Write Module with Tags (Arduino-Compatible) 3.3VDC,13-26mA, 13.56 MHz	RFID	\$ 10.49
2213368	DFRobot	DFR0067	DHT11 Temperature and Humidity Sensor,3.3V-5V,0-50 deg C, 20-90% Humidity	Temperature	\$ 5.19
2245415	Velleman	VMA311	Digital Temperature Humidity Sensor Module (Arduino-Compatible) 5VDC, 0-50 deg C,20-90% Humidity	Temperature	\$ 4.25
282861	Parallax	28015	Parallax PING))) Ultrasonic Distance Sensor,1" to 10' Range,3-Pin Header,+5VDC@35mA	Ultrasonic	\$ 29.95
2157327	Maxbotix	MB1010	LV-MaxSonar-EZ1 High Performance Ultrasonic Rangefinder,42KhZ Sensor, 0-21 Feet,2.5-5.5V	Ultrasonic	\$ 24.95
139492	Jameco Valuepro	40TR12B-R	Ultrasonic Sensor Set 40Khz Transmitter and Receiver,2000pF,5.0 kHz@100db .30"H x .43"Dia	Ultrasonic	\$ 6.95
2157335	Maxbotix	MB1040	Ultrasonic Sensor 0-21 Feet Range 2.5 Volt To 5.5 Volt, 42kHz Sensor,2.0mA Current	Ultrasonic	\$ 21.95
2245407	Velleman	VMA306	HC-SR05 Ultrasonic Distance Sensor(Arduino-Compatible) 4.5 to 5.5VDC, 40KHz,5-Pin Male Connector	Ultrasonic	\$ 3.95
2237845	Seeed Studios	101020010	Grove Ultrasonic Ranger Distance Sensor, detecting range (1.1" to 13 feet), 5VDC power supply	Ultrasonic	\$ 14.89
136654	Jameco Valuepro	40TR16F-R	Ultrasonic Sensor Set 40Khz,Transmitter and Receiver,2000pF,4.0kHz @ 112dB, .47"H x .62"Dia	Ultrasonic	\$ 6.95
2109763	Parallax	605-00004	Vibration Sensor, Piezo Film LDT0 Solid State Switch,70VDC,50mV/g, 0-70C	Vibration	\$ 2.95