

Parallax Kits, Sensors, RFID Products & Wireless Interface Devices

PARALLAX Kits, Sensors and Modules

Parallax provides the electronics industry and hobbyists with products that are technically innovative, unique and economical. Parallax designs and manufactures microcontrollers and development software, SX chips and programmers, Propeller chips and tools, project boards, robotics kits, educational tools and sensors. Not sure where to begin? Try a starter kit to familiarize yourself with the BASIC Stamp or Propeller microcontroller.

BASIC Stamp and Propeller Series Kits

*Web Code: MBS

Part No.	Mfr. Part No.	Description	1	5
387997	28832	USB Boe-Bot full kit, completely reprogrammable and uses a BASIC Stamp module, expandable for different robotic projects	\$144.49	\$142.95
2109165	28803	Board of Education full kit, USB version, includes carrier board, BASIC Stamp 2 module, designed for those already familiar with programming Stamp modules	99.95	89.95
2109202	90005	BASIC Stamp Activity kit, learn electronics and programming, includes What's a Microcontroller? guide, components for over 40 hands-on activities, USB to serial adapter and homework board w/ BASIC Stamp 2 MCU	79.95	74.95
2191998	32500	ActivityBot Robot kit teaches programming the multicore Propeller in C with easy to follow tutorials. High speed servos with optical encoders, PING sensor, mini audio jack & XBee header. No soldering required.	198.95	194.95
2237861	32600	ActivityBot 360° Robot Kit. Easy to program visually with browser-based BlocklyProp. Build the bot, then program the multicore Propeller chip. Great STEM learning project and geared for ages 14+.	199.95	194.95



Sensors, Modules and Accessories

For more Sensors, see pgs 73-74 & 140

*Web Code: PKS

Part No.	Mfr. Part No.	Description	1	5
2111935	32213	X-band motion detector. Detection from 8-30ft. 10.525GHz, 4-pin SIP interface, 5VDC	\$39.95	\$37.95
282861	28015	PING Ultrasonic Range/Distance Finder, 0.5" - 10 ft., 5VDC, 3-pin header	26.95	25.95
2230070	CM-38R1	420 line 1/3" CCD black/white camera with 3.6mm lens	8.95	7.95
2230061	M13N1Y	420 line 1/3" CCD black/white camera with 5mm pinhole lens	8.95	7.95
2109245	28031	USB to Serial (RS-232) Adapter, DB9 male socket, includes USB-A to mini-B cable, USB 1.1 and 2.0 compatible	19.95	17.95
2109456	28030	USB to serial (RS-232) adapter, DB9 male & USB mini-B port, use cable P/N 673694	17.95	17.49
2150256	28995	Sharp IR distance sensor GP2Y0A21YK0F, 10-80cm, 5V operation, 3-pin JST male header	9.95	8.95
2111901	29132	Sound impact sensor detects sound from up to 3m away, 3-pin SIP, 5V, digital output	9.95	9.49
2205018	28032	Wide angle PIR sensor, 180°, range up to 30 ft., 3-6VDC	12.95	11.65
2082927	555-28027	PIR Sensor kit, single bit high/low output, detection range up to 20 ft.	12.95	12.25
2082855	27800	Modular 2-axis joystick, dual 10k pot with common ground, 1.64" x 1.2" x 1.1"	6.49	6.35
2109763	605-00004	Piezo film vibration sensor, use as flexible switch, freq. response device	2.95	2.79



PARALLAX RFID, Wireless Interface Devices & Embedded Networking Solutions

Use these modules for a variety of hobbyist and commercial applications, including data storage, access control, user identification, robotics navigation, inventory tracking, payment systems, car immobilization or security systems.

RFID Read/Write Modules and Tags

*Web Code: RAD

Part No.	Mfr. Part No.	Description	1	5
2007177	32395	RFID Reader kit, USB card reader, includes 4 different passive tags	\$59.95	\$56.95



Wireless Interface Devices

*Web Code: WID

Part No.	Mfr. Part No.	Description	1	5
2160753	F301-SGP-D024-01	10-position single row female header with 2mm pin spacing, mates w/ Xbee chips	\$.99	\$.89
2159331	TEL0002	USB Bluetooth v2.0 dongle, PC/MAC compatible, 33' range max. upto 3 Mbps	3.89	3.59
2244869	2471	Adafruit HUZZAH ESP8266 WiFi breakout board, 9 GPIO, 3-6 Vin, 2x UART	9.95	9.49
2193731	700-10016	Wireless key fob remote, 433MHz, 4-channel control, 30' range, 5V, "learn" feature	15.95	14.95
2113375	32404	XBee PCB antenna, 1mW, 2.4GHz, 300' line of sight, 802.15.4 network	24.95	24.49



*USB Cables — Enter Web Code NAV

adafruit Wireless Internet of Things and Electromechanical Products

The Feather HUZZAH ESP8266 board is light, small and designed for untethered projects using the built-in ESP8266 WiFi module. The IoT starter kit enhances the Feather with some elements like sensors and LEDs to experiment with your first IoT project. And don't forget a slip ring for your "rolly" projects, so they can freely twist and turn without tangling up the wires.

*Web Code: ARD

Part No.	Mfr. Part No.	Description	Price
2240083	2821	Feather HUZZAH MCU, ESP8266 WiFi, LiPo charge circuit, 9 GPIO, 4MB flash, 2" x 0.9" x 0.3"	\$16.95
2244421	3046	Feather HUZZAH MCU, ESP8266 Wifi, LiPo charger, 9xGPIO, 4MB flash, 2" x 0.9" x 0.3" (assembled)	19.95
2240091	2680	IoT starter kit w/ Feather MCU, PIR, magnetic & vibration sensor, plus more	39.95
2240075	736	Slip ring with flange, 22mm dia., 6 wires, 6' long (26 AWG), 240V/2A	15.95



2240091

*For additional products, availability and specifications visit Jameco.com and enter the Web Code in the product search box



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