

# PARALLAX Accessories and FPGA Development Tools



Parallax Embedded Modules

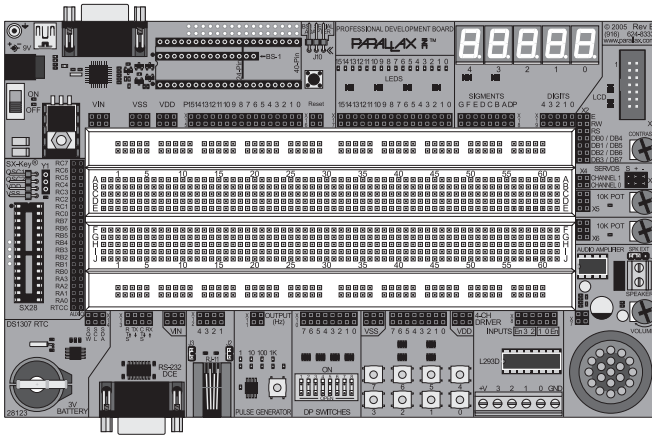
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## PROFESSIONAL DEVELOPMENT BOARD

The Parallax Professional Development Board (PDB) is high-quality, fully-integrated development platform for BASIC Stamp®, Javelin Stamp, and Ubicom® SX28AC/DP microcontrollers.

### Features:

- 40-pin DIP socket (for all BASIC Stamp 24/40-pin and Javelin Stamp modules)
- 14-pin SIP socket (for BS1-IC)
- 28-pin "skinny" DIP socket (for SX28AC/DP)
- USB, DB-9, BS1, and SX-Key programming connectors
- 5 volt, 1.0 amp power-supply with power switch
- Five blue 7-segment (with decimal point), common-cathode LED displays
- Parallel LCD (available separately) may be configured in 4-bit or 8-bit mode
- Two servo-compatible headers
- Two 10k Ohm potentiometers
- L293D high-current driver for motors, solenoids, etc.
- Eight, normally-open pushbuttons (I/O lines protected, and pulled-up to Vdd via 10K)
- Pulse generator with selectable frequency (1Hz, 10Hz, 100Hz, or 1kHz)
- RS-232 DCE port with MAX232E transceiver



For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Parallax Part No.	Description	Price Each
619-28138	28138	Professional Development Board	159.99

## BASIC STAMP ACCESSORIES

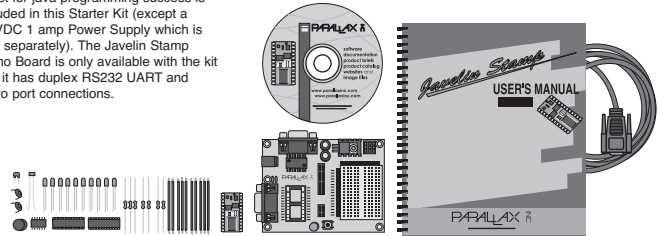
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Parallax Part No.	Description	Price Each
619-BS1USB	BS1USB	BS1 USB Board - USB-A Connection BS1 Module	39.99
619-27924	27924	Taos TSL230 Light to Frequency Converter	5.99
619-28015	28015	Memsic Accelerometer (Dual Axis)	29.99
619-570-28015	570-28015	Ping))) Mounting Bracket	19.99
619-28017	28017	Memsic Accelerometer (Dual Axis)	29.95
619-28018	28018	Sensirion Temperature/Humidity Sensor	35.99
619-28026	28026	Hitachi H48C 3-Axis Accelerometer	42.48
619-28130	28130	AD592 Temp Probe	15.99
619-29123	29123	Hitachi HM55B Compass Module	29.99
619-30010	30010	BASIC Stamp Logic Analyzer	49.99
619-30056	30056	FlexiForce Sensor	25.99
619-350-00009	350-00009	Photoresistor	2.23
619-555-28027	555-28027	PIR Motion Sensor	9.99
619-27970	27970	112 x 16 Serial Graphic VFD Display	75.58
619-27976	27976	Serial LCD - Parallax 2 x 16 Non-backlit	24.99
619-27977	27977	Serial LCD - Parallax 2 x 16 Backlit	29.99
619-27979	27979	Serial LCD - Parallax 4 x 20 Backlit	39.99
619-30006	30006	Emic TTS SIP Text to Speech Module (Female Voice)	72.99
619-30057	30057	Serial LCD - Matrix Orbital 2x20 Backlit	79.95
619-30058	30058	Serial LCD - Matrix Orbital 4x20 Backlit	99.98



## JAVELIN STAMP STARTER KIT

Everything that you need to begin your quest for java programming success is included in this Starter Kit (except a 7.5VDC 1 amp Power Supply which is sold separately). The Javelin Stamp Demo Board is only available with the kit and it has duplex RS232 UART and servo port connections.

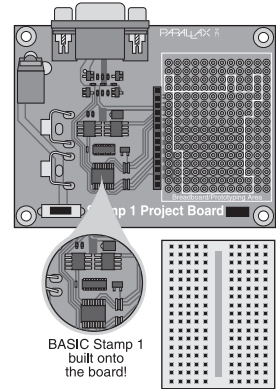


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MOUSER STOCK NO.	Parallax Part No.	Description	Price Each
619-27237	27237	Project Board, parts, manual, Serial Cable	249.99

## BASIC STAMP 1 PROJECT BOARD

For students, hobbyists, and professionals who desire the small form and features of the BASIC Stamp 1 microcontroller, but need a development platform in the mold of the Parallax BOE and HomeWork boards, the BASIC Stamp 1 Project Board is low-cost solution that is sure to fit the bill.



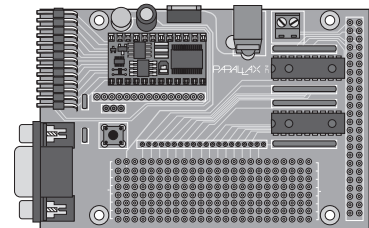
BASIC Stamp 1 built onto the board!

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Parallax Part No.	Description	Price Each
619-27112	27112	Project Board with built in BASIC Stamp	29.99

## STAMP CONTROLLER INTERFACE BOARD

The Stamp Controller Interface allows the BASIC Stamp® microcontroller to connect directly to industrial type digital I/O control boards produced by Opto22, Grayhill, Allen-Bradley, and others that accept 0-5 VDC voltage control levels. These optically isolated modules are ideal for interfacing microcontrollers to the real world, and are more reliable by providing proper isolation. The Stamp Controller Interface accepts all BASIC Stamp modules. A 9-12 VDC, 2.1 mm jack is included for external power supply (sold separately).



For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Parallax Part No.	Description	Price Each
619-27945	27945	Project Board accepts all BASIC Stamps	49.99