

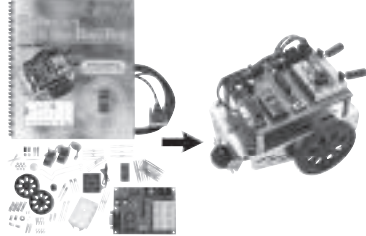


This product is RoHS compliant.

BOE-BOT FULL KIT - SERIAL (WITH USB ADAPTER AND CABLE)

The ever-popular Boe-Bot® Robot Full Kit (serial version) is our most complete reprogrammable robot kit.

We're particularly proud of Andy Lindsay's Robotics with the Boe-Bot text. The Robotics text includes 41 activities for the Boe-Bot Robot with structured PBASIC 2.5 source code support and bonus challenges with solutions in each chapter. Starting with basic movement and proceeding to sensor-based projects, customers quickly learn how the Boe-Bot is expandable for many different robotic projects. No previous robotics, electronics or programming experience is necessary.



For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Parallax Part No.	Description	Price Each
619-28132	28132	Boe-Bot Full Kit- Serial (with USB Adapter and Cable)	159.99
619-28832	28832	Boe-Bot Full Kit- USB	149.95

SUMOBOT ROBOT COMPETITION KIT (SERIAL WITH USB ADAPTER AND CABLE)

Build and program two high-quality SumoBot® Robots designed to wrestle in the mini-sumo competition ring (#27404), included in the kit! The electronics consists of a surface-mounted BASIC Stamp® 2 module and an array of infrared sensors to detect your opponent and the edge of the Sumo Ring. Additional components include piezospeakers, resistors, pushbuttons and LEDs to build custom breadboard circuits for program mode selection and sensor state feedback. The hardware package includes black anodized aluminum chassis and scoops, servo motors, wheels, 4AA power packs (batteries not included) mounting standoffs, and screws for two complete SumoBot robots. This kit comes with two printed texts. The SumoBot Manual has assembly instructions and test programs that take you from basic moves to one-on-one combat. Once you have your SumoBot robots up and running, give them a competitive edge and expand your skills by following the step-by-step activities in Applied Robotics with the SumoBot - an advanced text in our Stamps in Class series.



For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Parallax Part No.	Description	Price Each
619-27402	27402	SumoBot Competition Kit (with USB Adapter and Cable)	239.99
619-27400	27400	SumoBot Robot	159.95

PENGUIN ROBOT (RED, BLUE, CLEAR OR BLACK)

Be the first to have a Parallax Penguin! Available in RED, BLUE, CLEAR or BLACK.

The Penguin robot is a precision-machined 4" tall biped with an embedded BASIC Stamp 2px24 microcontroller. The Penguin walks forward with a tilt-stride action and turns by sweeping both feet on the ground in opposite directions. This basic biped design works best in the Penguin's small scale. The Penguin's parts have a close-tolerance fit and are designed to make use of precise electronic control. Set aside three hours to assemble a Penguin.



For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Parallax Part No.	Description	Price Each
619-27313	27313	Penguin Robot Red	199.99
619-27314	27314	Penguin Robot Blue	199.99
619-27315	27315	Penguin Robot Clear	199.99
619-27316	27316	Penguin robot Black	199.99

SCRIBBLER ROBOT

Perfect for beginners age eight and up, this reprogrammable robot comes fully assembled including a built-in BASIC Stamp® 2 microcontroller brain. It arrives pre-programmed with eight demo modes, including light-seeking, object detection, object avoidance, line-following, and more. Place a marker in its Pen Port and the Scribbler draws as it drives. Write your own programs in two formats: graphically with the Scribbler Program Maker GUI software, or as PBASIC text with the BASIC Stamp Editor. The Scribbler is a fully programmable, intelligent robot with multiple sensor systems that let it interact with people and objects. It navigates on its own as it explores its surroundings, and then reports back about what it senses using light and sound.



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MOUSER STOCK NO.	Parallax Part No.	Description	Price Each
619-28136	28136	Scribbler Robot (serial)	94.99

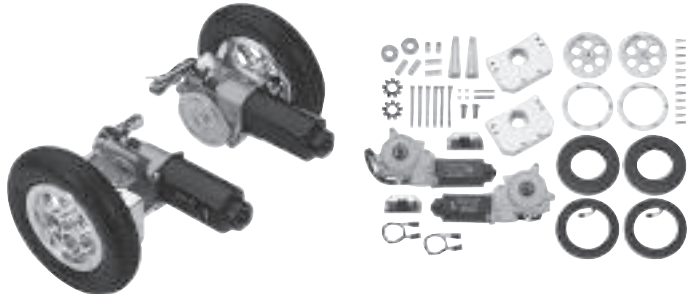
MOTOR MOUNT & WHEEL KIT WITH POSITION CONTROLLER

Finally your robot can have the mobility and style it deserves! With the Motor Mount and Wheel Kit (#27971), powerful 12 VDC motors are combined with precisely machined aluminum hardware to provide the power, strength, and beauty demanded by your mid-sized robot. All custom parts are CNC machined in-house at Parallax headquarters in Rocklin, CA. The mounting block makes securing this kit a breeze; and the included 6 inch (15.3 cm) pneumatic rubber tires are durable enough to handle a variety of smooth or rugged terrains without hesitation. The included Position Controllers use a quadrature encoder system to reliably track the position and speed of each wheel and report the data on demand. They can also be interfaced with HB-25 motor controllers (#29144; sold separately) to automatically provide smooth speed ramping and accurate position control. This leaves the main processor free to handle more important tasks like reading GPS coordinates, processing sensors, and maneuvering complex environments.

It's time for your robot to strut its stuff with plenty of power and enough style to make other robots jealous!

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Parallax Part No.	Description	Price Each
619-27971	27971	Motor Mount & Wheel Kit with Position Controller	279.99



ROBOT ACCESSORIES

Launch yourself into the Accessories Portal and select add on products such as sensors, Application Modules, RF devices, lab tools, and other items to round out your project or application.

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Parallax Part No.	Description	Price Each
619-28106	28106	Boe-Bot Tank Tread Kit	38.53
619-30055	30055	Crawler Kit for Boe-Bot Robot	24.99
619-28202	28202	Gripper Kit for the Boe-Bot Robot	54.99
619-30051	30051	Boe-Bot CMUcam	145.78
619-570-28015	570-28015	Ping)) Mounting Bracket Kit	19.99
619-28108	28108	QTI Line Following AppKit for the Boe-Bot	29.99
619-28823	28823	Parallax Servo Controller (USB)	43.18
619-28824	28824	ServoPal	19.99
619-28825	28825	SoundPal	19.99
619-28107	28107	Boe-Bot Digital Encoder Kit	39.99
619-30078	30078	Boe-Boost Module	4.99

