

Search: Products & Part #'s

- [Home](#)
- [Store](#)
- [Product Info](#)
- [Education](#)
- [Support](#)
- [Resources](#)
- [Company](#)

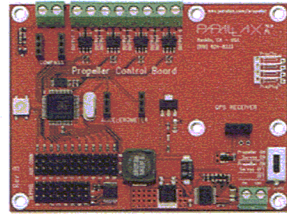
Store > Microcontrollers > BASIC Stamp Modules

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- Microcontrollers
- Robots
- Accessories
- Sensors
- Components
- Books
- Education
- Discontinued

Subtotal: 0

[- Cart Content -](#)



Propeller Control Board - Discontinued

The Propeller Control Board is a complete solution for controlling robotics platforms. This is the same control board that ships with our QuadRover robot. The Propeller Control Board is capable of interfacing directly with the Parallax GPS Module, our Hitachi HM55B Compass Module and our Hitachi H48C 3-Axis Accelerometer. This provides options for tracking position, heading and acceleration for robotic applications.

12 of the Propeller I/O pins are brought out for customer interfacing and control applications, 8 are dedicated to servo control and 8 are dedicated to N-Channel MOSFET outputs, providing high-current drivers for solenoids or other high-current devices. There is also a magento-pickup compatible tachometer input which can be used for measuring the RPM of gasoline engines.

The power switch allows you to turn all power off, only the Propeller on or the Propeller and servos on. There is also a reset button for the Propeller chip. A socketed 5MHz crystal is included.

Features:

- Propeller P8X32A-Q44 Microcontroller
- 64 KB EEPROM (32 KB used for program storage)
- Tachometer input
- (8) N-Channel MOSFET driven output ports
- (8) servo output ports
- (12) auxiliary I/O connections with 10KΩ series protection resistors
- Three-position power switch (on, Propeller on and servos off, off)
- Mounting locations for Parallax sensors including our GPS Receiver, Hitachi H48C 3-Axis Accelerometer and Hitachi HM55B Compass Module

Key Specifications:

- Power requirements: 6-24VDC (quiescent current ~10mA @ 12VDC)
- Communication: Programmed via Prop Plug or Prop Clip
- Dimensions: 4" W x 3" H x 1/2" D (101.6mm W x 76.2mm H x 12.7mm D)
- Operating temp range: 32°F to 158°F (0°C to 70°C)

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Item code 28205

Stock **OUT OF STOCK** 0

Price **\$195.99**

Starting from: 5 pieces \$186.19

Starting from: 10 pieces \$176.39

Starting from: 20 pieces \$156.79

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Note: A Prop Plug is required to program this board.

Downloads & Resources:

[Propeller Control Board Documentation v1.0 \(.pdf\)](#)

[Servo Control Code \(.zip\)](#)

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