



Mystery Box

Propeller 1 Project Board USB

March 2022 #910-10001

100 Units Built

Hello Parallax Community!

Congratulations on the purchase of a Mystery Box! This Mystery Box is themed around the Propeller 1 Multicore Microcontroller (P8X32A-Q44) and has enough I/O devices to get a feeling for the P1 if it's new to you. See the "Downloads and Resources" tab on each product page for documentation and source code:

- **Propeller Project Board USB (#32810)** is a platform to solder permanent projects together. Customers often use this board when they'd like to build one to ten prototypes. You can program the Propeller 1 in Spin, BlocklyProp, or using one of many community compilers
<https://www.parallax.com/product/propeller-project-board-usb/>
- **Continuous Rotation High Speed Servo (#900-00025)** is Parallax's 180 RPM motor for robotic applications. Use these on a line-follower robot for some high-speed, impressive maneuvering. While the part has been discontinued, we have a few hundred left for sale.
<https://www.parallax.com/product/high-speed-continuous-rotation-servo/>
- **Gyroscope Module 3-Axis L3G4200D (#27911)** is an easy-to-interface gyroscope for detecting movement. Source code is available for PBASIC and Spin.
<https://www.parallax.com/product/gyroscope-module-3-axis-l3g4200d/>
- **Carbon Monoxide Gas Sensor (#605-00007)** is a threshold-set CO sensor. We used to offer a handy carrier board for this, but you can still set the trigger threshold with external resistors as described in the documentation <https://www.parallax.com/product/co-carbon-monoxide-gas-sensor/>
- **MAX7219 LED 8-Digit Seven Segment Display (#26972)** is a handy display device we sourced from Amazon, in case you want more of them. There's a high-functioning Spin driver for this which scrolls, flashes, and justifies your numerical data
<https://www.parallax.com/product/max7219-8-digit-7-segment-digital-led-display/>

The Parallax lanyard is offered in hope that we will eventually host a Propeller Expo in Rocklin, California again. If you are not satisfied with this Mystery Box, we will offer a full refund!

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