Propeller ASC+

The Propeller ASC+ is an Arduino Shield Compatible prototyping system designed to use existing Arduino add-on boards with the Propeller's SPIN language, Propeller Assembly, C and C++.  You now have the power of truly simultaneous processing at your fingertips to use with your existing Arduino shields, and don't have to start over with new boards and setups.  Simply attach your shields to this board, and you will be up and running in no time. Switching to the Propeller Multicore Processor and giving your project the upper hand has never been easier for Arduino shield based projects.

**Key Features:**

- Can be powered from the USB port (500mA polyfuse) or with 6-9 v 2.1 mm power jack, allowing for rapid proto-typing
- 3.3 v and 5 v voltage regulators allow you to integrate a wide variety of sensors
- Mini-USB interface means no searching for a special cable to connect with your computer

**Specifications:**

- 3.3 v AUX port for extra digital I/O or TV/keyboard/mouse or RGB using only a few resistors
- MCP3208 12-bit analog to digital converter
- Fourteen Arduino compatible, current protected 3.3 v digital I/O pins
- PWM, I2C, SPI, UART and more, in any combination on any pin.
- 64 KB EEPROM (32 K for program + 32 K for data storage)
- Dimensions: 2.70 x 2.10 in (68.6 x 53.3 mm)

**WARNING:** Pins P16 through P23 are not protected! Do not apply above 3.3 volts to these pins!

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