



\*\*\*ATTENTION EDITOR\*\*\*

## FOR IMMEDIATE RELEASE

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# SchmartBoard Releases Family of Surface Mount Prototyping Shields

## Arduino Users Now Able to Use SOIC, QFP and QFN Components on Projects

**San Ramon, CA – August 7, 2012** – SchmartBoard, a company that makes prototyping electronic circuits easier, has expanded its product offering with a family of Surface Mount prototyping shields for the Arduino community. These boards utilize our "EZ" soldering technology to assure fast, easy and flawless soldering. The first 3 boards are SOIC in 1.27mm, 0.65mm and 0.5mm pitches. Each board is available as a bare board with no headers or components or as a kit with everything needed to complete your project. The bareboard suggested retail price is \$10 and the kit is \$15.

Each Arduino Prototyping Shield includes:

- SOT23-6 footprint for prototyping
- Onboard reset button circuitry for the Arduino IC
- Additional circuit for a push-button switch
- 5V/GND rail for easy connection
- 3.3V/GND rail for easy connection
- 2 footprints for general purpose LEDs
- Optional pull-up resistor footprints (Through-hole or SMD) for I2C
- 3 spare 0805 footprints
- Surface mount bypass footprints on the bottom side

The Kit version also includes:

### Standard Components

Qty 2 - 1x1 single pin male header, through-hole

Qty 2 - LED green color, through-hole

Qty 2 - 1x8 0.1" spacing stackable female header, through-hole

Qty 1 - 1x6 0.1" spacing stackable female header, through-hole

Qty 1 - 1x10 0.1" spacing stackable female header, through-hole

Qty 2 - Resistor 1k ohm, through-hole

Qty 1 - Push-button switch, through-hole

### Optional Reset Circuit Components

Qty 1 - Push-button switch, through-hole

Qty 1 - Capacitor 0.1uF 0805, surface mount

Qty 1 - Resistor 1k ohm 0805, surface mount

Qty 1 - 1x1 Single pin male header, through-hole

SchmartBoard will release many new SMT prototyping shield kits over the next few months to support more SOIC, QFP, DFN and QFN components with multiple pitches. More information, including video, schematics, high resolution photos and other technical documents, can be found at:

[http://www.schmartboard.com/index.asp?page=products\\_arduino](http://www.schmartboard.com/index.asp?page=products_arduino)

### **About SchmartBoard** ([www.schmartboard.com](http://www.schmartboard.com))

SchmartBoard™ is committed to helping make the development of electronic circuits faster, easier, and less expensive than previously possible. SchmartBoard's patented "EZ" Technology makes hand soldering of surface mount components fast and flawless. Our products are utilized by engineers, students and hobbyists for simple to complex electronic circuit design work.