



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

**FOR IMMEDIATE RELEASE**

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## **SchmartBoard Releases Family of Raspberry Pi Prototyping Shield Kits for Through Hole and Surface Mount Components**

Raspberry Pi Users Now Able to Design In Through Hole, SOIC, QFP and QFN Components

**Fremont, CA – May 7, 2014** – SchmartBoard, a company that makes prototyping electronic circuits easier, has expanded its product offering with a family of Through Hole and Surface Mount prototyping add on boards for the Raspberry Pi community. The base board is our new Through Hole Prototyping add on board for Raspberry Pi. The family is expanded by bundling this add on board with the many Surface Mount to DIP adapter Schmartboards, which in turn support many standard SOIC, QFP, QFN and DFN components.

The Through Hole Prototyping Add-On Board for Raspberry Pi has the following unique features:

- Schmartboard's Signature offset through hole grid which expands part placement options
- An extra row of holes for easy access to Raspberry Pi's General I/O signals
- Rows of Power and Ground Strips for easy and flexible power-up and circuit grounding
- Pre Routed traces to minimize the use of wire jumpers
- A slot for the video cable to keep the circuit clean and unencumbered
- Headers with enough clearance to cleanly and safely stack onto the Raspberry Pi board.
- Circuits for 4 level shifters to more simply add devices regardless of signal values
- A marked area where the Raspberry PI USB and Ethernet Connectors are located to avoid conflicts

The Surface mount Raspberry Pi Kits, each come with the Schmartboard Raspberry Pi Through Hole Shield and a choice of many Schmartboard SMT to DIP adapters which add the ability to use the many SC70, SOT, SOIC, QFN, QFN and DFN components. These currently are available in configurations to support SOT 23, SC 70, SOIC .5mm, .635mm, .65mm, .8mm and 1.27mm Pitches and many QFP, QFNs and DFNs in both .5mm and .65mm Pitches. More options will be added as we discover which package types are most needed.

The Through Hole add on board will retail for \$13.00 bundled with the headers. The Surface mount Kits will retail for \$18.00. Additional SMT to DIP adapters' retail for \$6.00. Schmartboard products are available from Mouser Electronics, Fry's Electronics, Micro Center, Radio Shack and directly at [www.schmartboard.com](http://www.schmartboard.com)

### **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.