

SchmartBOARD™ NEWS



SchmartBoard Announces "EZ" Licensing

SchmartBoard's "EZ" technology allows surface mount components to be hand soldered by virtually anyone. The technology has many applications beyond our prototyping boards. SchmartBoard|ez technology creates a level of flexibility not available in the past. The technology allows companies to populate a circuit board with components and leave key component pad areas for future population.

Some examples of applications for this are:

1. R&D applications in which a portion of a circuit remains the same, but key components are modified for experiments.
2. Semiconductor companies who want to build first run reference design boards ahead of receiving the newly designed ICs can save time by having the boards fabricated ahead of time and adding the ICs when available. This saves 2 to 3 weeks of valuable time and allows them the confidence to build more of these boards initially.
3. Circuit boards in which certain components are not always populated give the flexibility of having only one SKU and adding components as needed.

The technology can be used for any surface mount components from small discrete components to BGAs. The cost of adding "EZ" technology to your circuit board is very inexpensive, and the money and time saved can be significant. To get more details, [contact SchmartBoard](#) or see one of our Authorized "EZ" Partners

SchmartBoard Signs Two New Distributors

J-Ton of Elmwood Park NJ now distributes SchmartBoard Product.. As an Authorized stocking distributor, J-Tron also offers a complete line of sockets and interconnects from Cambion, Components Corp., and Keltron Connectors. We also stock a large variety of resistors and capacitors from Xicon Passive Components and NTE Electronics. We are an Authorized distributor for Waldom Electronics and can offer interconnects from AMP and Molex.



Hobby Engineering of Millbrae, CA has also become a SchmartBoard distributor. If you live in the San Francisco Bay Area, Hobby Engineering are located near SFO and are just a short walk from BART and CalTrain or an easy drive from either highway 101 or 280 in Millbrae, California. The store offers all the products on their web site at the same great prices.



SchmartBoard Appearances

1. SchmartBoard will be joining new distributor [Hobby Engineering](#) at the Makers Faire. Hobby Engineering is a proud sponsor of the Maker Fair at the San Mateo, CA, fairgrounds on Saturday and Sunday April 22 and 23, 2006. SchmartBoard will be demonstrating surface mount soldering the SchmartBoard way throughout the weekend.

Join the creators of [MAKE magazine](#), the MythBusters, and thousands of tech DIY enthusiasts, crafters, educators, tinkerers, hobbyists, science clubs, students, and authors at MAKE's first ever Maker Faire! Meet people who make all kinds of amazing things in garages, basements, and backyards for inspiration, know-how, and spirited mischief-making. It will be an incredible learning experience for the entire family. Students of all ages and their teachers are welcome.

2. For those of you in the Las Vegas area, SchmartBoard will be at [Fry's Electronics](#) at 6845 South Las Vegas Blvd from 10:30 to 1:30 on Friday May 5th. We will let visitors try their hand at soldering a SchmartBoard|ez.

What's New at www.schmartdeveloper.com

SchmartDeveloper, Jerry Rutherford of [Rutherford Robotics](#) has posted his schematic for an Atmel Mega-8 processor utilizing SchmartBoards. The module contains the micro, a programming port, 5 volt regulated supply, and a bus that can be plugged directly into a breadboard. Additionally, the device can be run via an internal RC oscillator, or via an onboard crystal with the provided mounting location.

[Click here for details on the SchmartDeveloper Program.](#)

SchmartBoard in the Press

[Electronic Engineering Product News - BGA Prototype Board is Hand Solderable](#)

[PCB 007 - SchmartBoard Expands the Possibilities of EZ Technology](#)

[Red Herring Magazine - April 3rd Print Issue \(Page 30 Get Schmart\)](#)

Download this Months Wallpaper

Each month we post a new graphic for you to download. This month professor Schmart is an astronaut because *SchmartBoard is out of this world!*



Schmartboard April Contest Winner

This month's winner of a \$30 combo pack is Rudy Demientieff of Sage Electronics, Inc.

YAHOO! GROUPS

We have a program to reward those who are active in our Yahoo Groups community. This month's winner of a SchmartBoard \$30 Combo Pack is Howard Matthews of Chehalis, WA.