



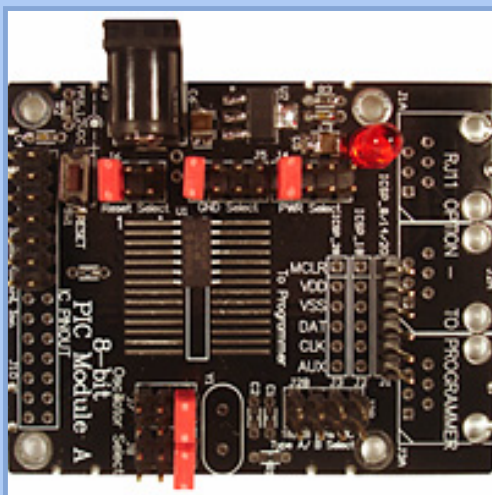
solder by numbers™

SchmartBoard & Solder By Numbers Newsletter



## July SchmartBoard Special

**Free Soldering Iron:** Buy \$100 of SchmartBoards and receive a free Elenco Soldering Iron in the month of July!!!



**Pick your PIC®:** SchmartBoard has released our first in a family of MicroChip PIC® development boards. With this 8 Bit board you can use any 8 Bit PIC chip in an SOIC package. This board is fully populated except for the PIC. You hand solder the PIC of your choice using our "EZ" technology, add some headers, configure the jumpers for you PIC part number and start programming. At a suggested retail of only \$15, no other PIC® development board can come close to giving you the flexibility and low cost as this product. This one board supports

almost all of the 8 Bit PICs available in an SOIC package type. The **"8 Bit PIC SchmartModule A"** is available at SchmartBoard, SchmartBoard distributors and [MicrochipDirect](http://MicrochipDirect).

## **New Parallax Board**



The Parallax SchmartModule is available now from SchmartBoard, Parallax and SchmartBoard distributors. The version that Schmartboard sells for \$15 is fully populated except for the Propeller and crystal, which one sources separately and hand solders using "EZ" technology. **Parallax** will market the same board fully bare with all the parts to be soldered by the user for a fuller hobbyist experience. SchmartBoard was a special guest at the **Unofficial Propeller Expo** at Parallax's

headquarters in June where we helped users solder the Propeller chip onto the

**Engineering Services**



- PCB Fab
- PCB Layout
- Circuit Design
- Prototyping
- Assembly

The way some of our competitors work should be a crime!



**Intellect lab™**

[www.intellectlab.com](http://www.intellectlab.com)

**Intellect Lab's** engineering and manufacturing services in the computer and electronics industry. We offer partial or full turnkey solutions to help streamline and alleviate your business workload.

Whether it's designing a circuit board, manufacturing small or large batches, or repairing returned merchandise, Intellect Lab can do it on schedule, with superior quality at a significant cost savings.

For advertising inquiries:  
Contact [sbn@schmartboard.com](mailto:sbn@schmartboard.com)

**Happy Independence Day to those in the U.S., Happy Canada Day to those north of the border and happy anything else we've missed to the rest of you!**

new board. People of all ages, from all of the US were in attendance. We met 12 year old Mikyla who was able to hand solder the Propeller onto the board even though it was her first time holding a soldering iron.

## New SchmartBoard Distributor in Australia

### SchmartBoard Connections

The full line of SchmartBoards are finally available to customers down under. SchmartBoard Connections is the new address for SchmartBoards for the many Aussie friends whom we've communicated with over the past few years. Australia has always been well represented in our contests, forums and personally e-mails We expect Schmartboard to quickly become the standard prototyping tool there.

## Device Solutions to Use SchmartBoard

New Zealand Based Device Solutions has wisely used the SchmartBoard system with their new Meridian/P Micro Development Board for prototyping utilizing the Freescale i.MXS ARM920T solution. It includes:

- Freescale i.MXS ARM920T at 100MHz
- 8MBytes SDRAM
- 4MBytes Flash
- USB Function for application download and debug
- 2 Serial Ports: 1 logic level + 1 RS232 level
- SPI
- I2C
- PWM
- Ethernet available with optional add-on board
- TFT LCD controller
- Button and LED accessible from application code
- 27 GPIO pins - all can be configured as interrupts
- Power via 5V or 3.3V
- All signal available via 0.1" headers

**This Month's Contest Winner:** This month's winner of a \$30 combo pack is Fredrik Nyman who works for SAIC.

According to Fredrik: "I'm comfortable soldering SMT, but it really looks much easier doing it with Schmartboards, so I'm dying to try them."

**This Month's PIC SchmartModule Contest Winner:** This month's winner's of a new PIC SchmartModule are Kucsma Istvan of Eger Hungary and his "Friend" Janvari Tamas.

**This Month's Propeller SchmartModule Contest Winner:** This month's winner's of a new Parallax Propeller SchmartModule are Max Vaughan and his "friend" Mike Walker, both of Ben Oregon. Upcoming projects for Max include: Temp control, PLC monitoring & failsafe systems. Mike plans to work on UAV, Logging & wireless communications.



## twitter Club

We now have a Twitter account and will be offering specials each week that are only available to those who use Twitter. Go to our Twitter page and sign up today. The first special will be Twittered very soon.

## LinkedIn

Join us on the new SchmartBoard LinkedIn group so that you can connect to other electronics professionals.

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