



It's finally here! The long awaited Newsletter of BiPOM Microcontroller Community is officially released with its first issue.

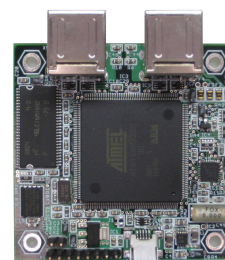
BiPOM is a highly dynamic company, continuously adding innovative microcontroller products for solving engineering problems of the real world while saving our customers time and money.

BiPOM's microcontroller solutions can be found in diverse applications from stratospheric balloons to subsea electronics, from 18 wheelers to electric cars, from cardiac monitors to wireless telemetry.

With our newsletters, we will keep you abreast of exciting developments at BiPOM.

### Feature Product: GadgetPC

**GadgetPC** is a powerful, low-cost, 32-bit ARM9 (AT91SAM9260) based microcontroller system with 5 USB ports for interfacing to a variety of off-the-shelf USB devices. It is capable of running ARM9 Linux and Debian.



Ideal for remote monitoring, robotics, UAV and many applications where power consumption is critical.



### BiPOM Follows the Sun

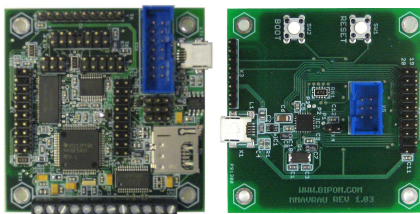
BiPOM is proud to be working closely with Mr. Bill Swann who is Houston's first public electric car customer. BiPOM helps Bill develop projects for his electric car. A recent project is a solar tracker for Solar panels at Bill's back yard. These solar panels will be used for charging Bill's electric car.

"Follow The Sun" sun tracker uses a BiPOM **MINI-MAX/AVR-AU** microcontroller board, **RELAY-4** and **RTC-1** peripheral board for intelligent two-axis sun tracking based on latitude and longitude of the panel location and time of day.



### New Product: MINI-MAX/MSP430-C

**MINI-MAX/MSP430-C** is an ultra low power, low-cost and highly expandable microcontroller system based on the Texas Instruments MSP430 single-chip Flash micro-controller.



### New Product: MINI-MAX/AVR-AU

**MINI-MAX/AVR-AU** is a general purpose, low-cost and highly-expandable microcontroller system. It is based on the ATMEL AT90USB162-16MU 8-bit micro-controller with integrated USB controller

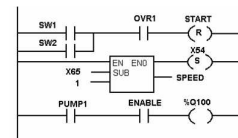
### New Language Support

We have been busy during 2010, adding several useful programming languages for our microcontrollers:

**Flowcode**

Ladder Logic

New Examples for Micro C, SDCC and WinAVR



### BiPOM at the Conference for the Advancement of Science Teaching (CAST) 2010



BiPOM participated as an exhibitor this year at Conference for the Advancement of Science Teaching (CAST) 2010 which took place at George R. Brown Convention Center in Houston.

Science teachers from all over Texas stopped by BiPOM booth and watched our robotics demonstration that showed our robots following various line paths made of electrical tape on exhibit tables.



Teachers also had a chance to program the robot themselves using our Flowcode graphical programming language.