BiPOM Electronics, Inc.

Microcontroller Solutions for the Real World

Engineers, Technicians, Developers, Researchers, Students, Instructors, Hobbyists

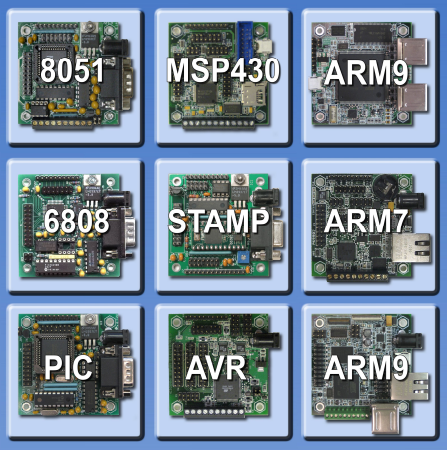
Create Your Own Microcontroller Prototypes

Fast - As easy as 1,2,3!

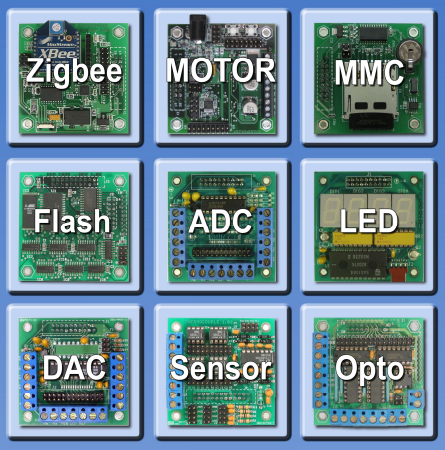
Using BiPOM's Development Kits, family of Microcontrollers, peripherals, and application software, a fully functional prototype can be assembled out of the box without soldering in a matter of minutes.

This modular system completely skips the breadboard stage and provides a reliable platform to test concepts and develop firmware and software. Because the hardware and application software is well-proven and reliable, it eliminates problems and errors unrelated to the new application concept itself. Thus, the design / prototype development is completed faster than traditional methods, and at a lower cost.

1 Select a Microcontroller Family



2 Select Peripheral Boards, Cables and Accessories



3 Assemble and program with the language of your choice

- ***Build Your own Board by Mixing and Matching Modular components***
- ***Thousands of possible Combinations***
- ***Flexible, Expandable, Modular, Open Architecture***
- ***Many examples, application notes, drivers, free development tools on BiPOM website***
- ***Incorporate Multiple Functions on a Single Prototype***
- ***Design and Build Application-specific Solutions***
- ***Accelerate System Development, Reduce Time to Market***
- ***Ideal for prototypes, unique/small quantity***
- ***Instrumentation/automation, robotics, remote monitoring, wireless, internet***

To learn more about the BiPOM Peripheral Component System, visit:

www.bipom.com

BiPOM Electronics, Inc.

Your One Source for µController Systems

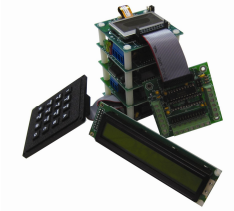
Product Development

From "idea" to production units - BiPOM provides support, as needed, for each step of the way.

Our Engineers are ideal partners for "brainstorming"

Concept Support

BiPOM's 25+ years of experience and knowledge of the many different microcontrollers in a wide range of applications can help you select which models best meet your needs. A few hours with BiPOM's engineers can save you hundreds of your engineers' time. BiPOM's Microcontroller Selection and Programming Support Guides provide a quick first step.



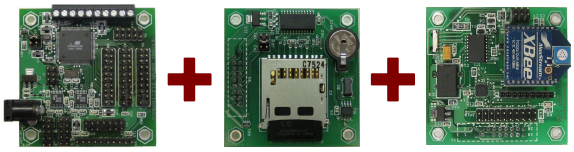
Easy to change to revise/refine the design

Ultra Fast Prototyping

Ready to program in minutes

BiPOM's family of 18 microcontroller boards, 34 peripheral boards, 11 platforms and hundreds of accessories provide ultra fast, solder-less assembly of a working prototype. They can be stacked, connected by standard ribbon cable, platform mounted, or any combination, for immediate plug-and-play; BiPOM boards are also compatible with many other manufacturers' boards for maximum flexibility.

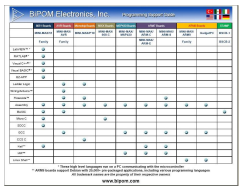
See reverse side for Ultra-Fast Prototyping details.



MINI-MAX/AVR-C Microcontroller Board

MMC-RTC-1 Memory and Clock Board

CB-1 Zigbee Communications Board

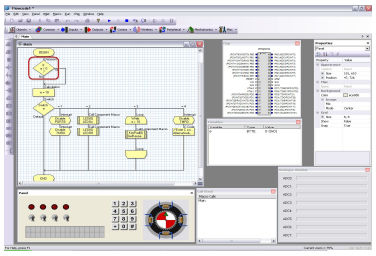


Guide

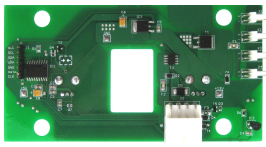
Select the optimum language for each microcontroller

Programming Support

BiPOM's Engineer Programmers have many years of programming all microcontroller models in a wide variety of operating systems and languages. Application experience is extensive, from simple commercial to complex military robotics. Our offshore engineering staffs (four other countries) provide our USA Headquarters Engineers with fast, low-cost expertise for the routine to most complex projects.



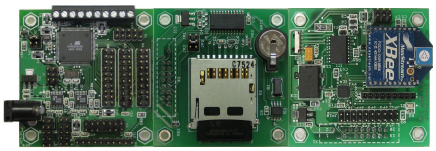
Programming Language



Single to multiple layer boards

Single Board Design

Once the Prototype is approved and the initial software tested, BiPOM can quickly convert the active functions on the Prototype to a low cost, efficient, production design Single Board to meet packaging and power usage requirements.



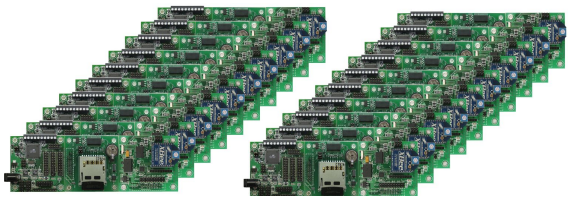
Wireless data logger, 32GB capacity
5 analog inputs, 40 digital inputs, real-time clock

BiPOM's reliability and warranty is the industry's best

Quantity Board Production

Reliable and low cost

Thanks to BiPOM's production of standard boards and our extensive customer base, we have developed the most reliable and cost competitive USA manufacturing capability for quantities of up to 5,000. We perform 100% automated quality assurance testing and provide a full one year warranty (best in the industry). Packaging and special enclosure design services are also available.



Production Boards

www.bipom.com