

For Immediate Release

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## **Programmable Computer Board Debuts at \$49**

San Francisco, October 9– ARMmite, a single board computer programmable from the PC with a USB port, is now available for \$49 from Coridium Corp at ([www.coridiumcorp.com](http://www.coridiumcorp.com)). Raising the standard for delivering value and price, the product offers functionality, performance, and ease of use for prototype and low-volume application development. ARMmite target users include:

- Computer professionals in manufacturing and production management
- Educators and students learning and developing applications
- Hobbyists exploring and creating solutions

### **Performance Advantage**

Connecting from the PC using a USB port, ARMmite enables users to create code using their BASIC programs. The programming is processed at a rate of more than 10 million instructions per second, and compiled according to ARM instructions consistently delivering the performance value comparable to applications written in C.

### **Features and Benefits**

The ARMmite provides 12K for user code, 6K for variables and a 20K library supporting SPI, I2C, 1-Wire, and ASYNC protocols. Users download their programming and to the computer board, which offers two square inches for prototype and other application development.

## **Company Targets Novices, Computer Professionals and Hobbyists**

Founded in 2004, this past July Coridium introduced the ARMexpress product line with the launch of ARMexpress, the fastest microcontroller module available for \$69. Committed to providing value and performance at the lowest cost, products are designed to meet the specific budget and programming needs of novice and computer professionals designing prototypes, one of kind, unique and low volume applications.

BASICnode is the company's a project board for hobbyist and educators. The prototyping area allows you to wire-up custom circuits for motors, relays, sensors, switches, LED's and other applications. The product package includes power supply, cross-over Ethernet cable, and CD with Manual and BASIC tutorial.

Coridium also offers the BASIC-8 controller, which provides industrial-strength features. It offers eight digital I/O s, eight high-current outputs, and an easy-to-use web interface.

Coridium Corp. Director of Engineering Bruce Eisenhard, winner of a Consumer Electronic Show design award for a video-editing product, notes "We're creating solutions for programmers that enable them to develop applications using their web browsers and text editors, the tools they use everyday. The programming language is simple and can be learned in an afternoon."

For more information, contact Bruce Eisenhard by telephone at 800-478-9020, fax 800-478-99020, or by e-mail at [controls@coridiumcorp.com](mailto:controls@coridiumcorp.com).

## **ARMmite Product Specifications**

### **System**

- 60 MHz -- ARM CPU (LPC2103)
- Programmable in a compiled BASIC
  - Operates faster than 10 million BASIC lines/sec
  - 24 digital IO shared with 8 channel A/D

### **Size**

- 50 x 80 mm
- Compatible with Hammond 1455C801 enclosure

### **Storage**

- 12K user code space
- 6K user data
- 20K system code
  - Library support for I2C, SPI, ASYNC, PWM and others
  - IO operations of includes PWM, SHIFTIN, SHIFTOUT, PULSIN, PULSOUT, and FREQOUT functions with 1 microsecond resolution
  - String functions of concatenation, STRCOMP, LEFT, RIGHT, HEX and VAL functions

### **Power**

- 350 mW
- 7-16V DC input
- Provides 500 mA +5V

### **Connectors**

- USB-B type
- 2.1mm power connector barrel style

### **Prototype area**

- 1.75 square inches
- Connections for 24 digital IOs
- Accepts 0.1" components, DBstyle and 3.5mm terminal strips