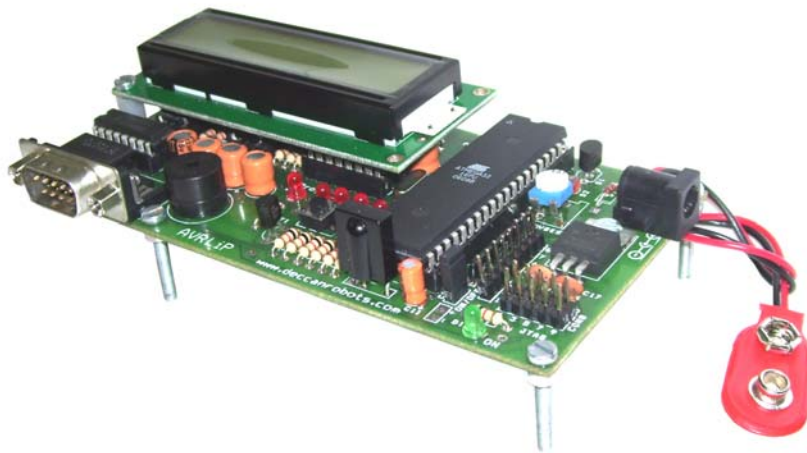


AVR-LiP



Features:

ATmega32 Experiment Lab-in-Pocket
On-Board ISP
16x2 LCD
RS232
Infrared receiver – TSOP 1738
Temperature sensor – LM35
Light sensor - LDR
Potentiometer
Piezo Element
RTC – DS1307
EEPROM – 24C256
4x4 KayPad
LEDs
Switches for Interrupts and Inputs
JTAG Connector
On-Board Voltage regulator
Powered by Battery / Mains adaptor

Beauty of a **Butterfly** & Features of an **Eagle**

A handy Lab-in-Pocket for AVR ATmega32

The AVR Lab-in-Pocket (LiP) ATmega32 Board features an on-board In-System Programmer (ISP) circuit that allows you to program the AVR microcontroller via a PC's serial port.

The on-board photo sensor, temperature sensor and potentiometer connected to the AVR's A/D converter allows you to perform various analog experiments.

Also the LEDs, 4x4 (external) keypad, Piezo buzzer, 16x2 LCD, Infrared receiver and RS232 covers the machine and human interfaces.

On-Board Real-Time-Clock and EEPROM interface can demonstrate TWI /I2C programming.

One can easily develop temperature data logger, Remote controlled device on/off, Personal Phone book, Personal Alarm system, Musical tone generator, Bad light indicator, Birthday reminder etc. This list is endless....

One AVR-LiP contents:

1. Assembled and tested main board
2. Assembled and tested 4x4 keypad as attachment
4. CD with required softwares and documentation

Contact your local reseller to buy your own AVR-LiP.