MODEL : ET-ARM7

Base Board Features

Supports LPC2129/32/38 Header Boards

Includes LPC2148 Header Board with built-in USB Module

No separate programmer required (On-Chip Boot loader)

No Separate power adapter required (USB power source)

Two RS-232 Interfaces (For direct connection to PC's Serial port)

On Board Two Line LCD Display (2x16) (with jumper select option)

On Board 8 LED Interface to test Port pin (with jumper select option)

On Board Pot interface to ADC

On Board Buzzer Interface

On Board 4x4 (16 Keys) Matrix Keyboard

On Board I2C EEPROM

On Board External Interrupt Button

On Board Connector for PWM Output

PWM controlled LCD backlight

On Board Connector for Analog Output

On Board Speaker Output

LF Amplifier LM 386

Adaptor (any standard 9-12V power supply) option

On Board Power LED Indicator

On Board Reset button

All Port Pins available at Berg Strip

On Board JTAG Connector for Debugging/Programming

Power Supply Reverse Polarity Protection

Three On Board DB9 Connectors (Two for UART and One for CAN)

On Board USB Connector

On Board 1 Amp Voltage Regulator

On Board Connector for regulated 3V3 output

On Board Connector for regulated 5V output

Controller Area Network (CAN) transceiver (optional)

Can be used as main board for developing applications

Header Board Features

Easy to use DIP Package

Includes NXP LPC 2148 Microcontroller with built-in USB Module

On Board Power LED Indicator

On Board JTAG Jumper

On Board 12 MHz Crystal Oscillator

On Board 32.768 KHz Crystal for RTC

On Board 3.3V Regulator

On Board Power Supply de-coupling Capacitors

All Port Pins available at Berg Strip

Header Module can be removed for developing your circuit

Note : Specifications are subject to change due to our constant efforts for Improvement. Please refer to quotation for final specifications.