



**PRODUCT NAME :** Arm 7 Development Board

**PRICE :** Rs 2,300.00

**SKU :** RM0667



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## DESCRIPTION

The **LPC2148 Pro Development Board** is a powerful development platform based on **LPC2148 ARM7TDMI microcontroller** with 512K on-chip memory. The on-chip peripherals and the external hardware on the development board are interconnected using pin headers and jumpers. The I/O pins on the microcontroller can be accessed from a 50 pin male header. This direct access to I/O pins enables you to connect your own devices very easily to the processor.

## Features of Arm 7 Development Board:

- Microcontroller: LPC2148 with 512K on-chip memory.
- Crystal for LPC2148: 12Mhz.
- Crystal for RTC: 32.768KHz.
- 50 pin Berg header for external interfacing.
- Operating Supply: 9V to 12V DC/AC.
- 2.4GHz ZigBee (XBee) wireless module adaptor.
- 512 bytes of I2C external EEPROM.
- USB Type B Connector.
- SD / MMC card holder.
- 10pin(2X5) FRC JTAG connector for flashing and debugging.
- 50 Pin Expansion header.
- 2x16 Character Alphanumeric LCD.
- L293D 600mA Dual DC motor Driver.
- ULN2003 500mA driver.
- Dual RS232 UARTs for external communication.
- Real-Time Clock with Battery Holder.
- 2 Analog Potentiometers connected to ADC.
- TSOP1738 IR receiver.
- 4 USER Switches.
- 4 USER LEDs.
- Reset and Bootloader switches.
- 3V button cell for on-chip RTC.
- ON/OFF switch.
- Buzzer.

## Applications of Arm 7 Development Board:

- Robotics projects.
- ARM prototyping Applications.
- DIY projects Requiring ARM processor application.

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## ADDITIONAL IMAGES

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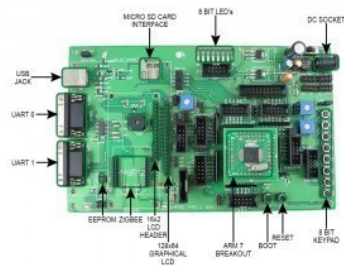
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