

8051 Development Board – Intermediate

Code: DEV/51I

This **8051 Development Board** provides an easy and low cost way to develop projects on 8051 Micro Controller. The most basic development board for all you Embedded Systems Enthusiasts. A general purpose 40 pin 8051 evaluation board with just the bare essentials required for using a 8051 microcontroller - port extensions, crystal circuit, reset switch, 2 *16 LCD, 4*4 matrix keyboard, power status and a general purpose LED. This board is perfect for building rapid prototypes and projects. The board provides port extensions for all ports and also provides bug connectors further expansion.

The board features a DC Jack for power input and can be directly powered from 12V AC/DC Adapter.



Size: 10 * 10 CM

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Features:

- Standard 8051 CPU with 12 MHz clock
- Supports AT89c51 , AT89s51, AT89c52, AT89s52, AT89s8252, 89v51RD2
- 64K Bytes of on-chip Flash program memory
- ZIF Socket for 40 pin Microcontroller
- 8 LED Array
- RS 232 Serial interface with DB 9 Pin Connector
- 4*4 Matrix Keypad
- On board Regulated power supply
- Port Extension for all ports
- On board switch for ON/OFF
- Pull up resistor's for Port 0
- On board Demo projects

Note: Price of the board doesn't include price of microcontroller and power Adapter. You may order the required Microcontroller IC and power Adapter Separately.