



8051 Development Board

1. Descriptions

With this board you can develop and prototype with any of 8051 40 pin microcontrollers. The RS232 driver on board allows easy connection with PC or other embedded hardware. The board have User buttons and status LEDs. The bridge rectifier allows this board to be powered with both AC and DC power supply adapters.

2. Features

- RS232 TX, RX interface.
- Quartz crystal 11.0592 MHz.
- Reset button.
- Power plug-in jack.
- GND bus.
- VCC bus.
- MAX232 for RS232 serial port communication.
- Onboard LM7805 power regulator.
- Power Indicating LED.
- On board Regulated Power Supply 5V,12V,GND .
- High quality PCB FR4.
- User LED.
- User Switch.
- ZIF Socket for easy inserting and removing Microcontroller.

3. Specifications

- Size: 65 x 125 mm
- Supported Microcontroller: AT89SXXXX, AT89CXXXX, P89V51RD2

4. Hardware Details

- JP2 - If this jumper is Short Than U_SW is connected with P3.7 and when you press Switch P3.7 become Low.
- JP3 - If this jumper is Short Than Green LED is connected with P2.0.
- JP4 - If this jumper is Short Than Serial communication is enable.
- P0 - is connected with PORT0 of AT89S52.
- P1 - is connected with PORT1 of AT89S52.
- P2 - is connected with PORT2 of AT89S52.
- P3 - is connected with PORT3 of AT89S52.
- JP1 - Which is use to program AT89S52 through USB ISP Programmer.
- COM1- DB9 for serial communication.
- Red LED for Power supply indication.

