PIC Development Board DIP

SKU : DEV-00041

**Description:**

This is basic PIC development board with DIP(Dual in-line package) socket. This board is perfect for programming PIC microcontroller as well as for designing and testing PIC based projects.The board has on-board PIC16F877A MCU. The bridge rectifier allow this board to be powered with both AC and DC power supply adapters.  Board has on board 5v power supply circuit,DB9 RS232 port for serial communication with computer and other serial device(GPS modules, GSM Modems,RFID Reader),power status LED(RED),Reset switch, User switch for input, User LED(GREEN) for output, and port extensions for all 5 ports. ICSP (In-Circuit Serial Programming) header port for easy programming using Pickit-2,Pickit-3 programmer.

**Features:**

* On-board bridge rectifier enables the board to accept both AC and DC Input voltages
* Recommended Input Voltage: 9-12V
* Min-Max Input Voltage: 9-18V
* 5 mm standard DC plug-in jack for power supply
* On-board 5V regulator (LM7805) circuit.
* On-Board power supply on-off switch
* Power Status LED(RED)
* On-board 20MHz crystal
* Port extensions for all ports with detailed pin labeling for easy identification of pins.
* On-board MAX232 interface circuit for easy communication with a computer and other serial devices (GPS modules, GSM Modems, etc)
* On-board standard ICSP (In-Circuit Serial Programming) header for loading HEX.
* 12V, 5V and GND bus provided for external peripheral.
* High quality FR-4(1.6 mm) PCB
* Four 3mm mounting hole for easy mounting

**Package Includes:**

* PIC  Development Board DIP Socket
* PIC16F877A Microcontroller on board
* MAX232 on board