

**Product Name :**  
Handheld 8051 USB Programmer

**Product Code :**  
EC499



**Description :**

Handheld 8051 USB Programmer

**Technical Specification :**

Handheld 8051 USB Programmer  
8051/AVR USB ISP Programmer with ZIF

**Specifications:**

ZIF (Zero Insertion Force) socket for easy inserting and removing microcontroller from board 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)

User LED(GREEN) connected to P2.0 through jumper JP3.

User Switch connected to P3.7 through jumper JP2.

On-board 11.0592 MHz crystal

Port extensions for all ports with detailed pin labelling for easy identification of pins

External pull-up resistors for Port 0

On-board MAX232 interface circuit for easy communication with a computer and other serial devices (GPS modules, GSM Modems, etc)

On-board ISP connector for loading HEX file into AT89S51/52.

12V, 5V and GND bus provided for external peripheral.

High quality FR-4(1.6 mm) PCB  
Four 3mm mounting hole for easy mounting

## Naugralabequipments

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