



PRODUCT NAME : AT Mega8 Mini Robotics Development Board V 2.0

PRICE : Rs 1,090.00

SKU : RM0014



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DESCRIPTION

Atmega8 mini Development Board V2 is a complete starter kit and development system for the AVR **Atmega8 microcontrollers** from ATMEL ® Corporation. It is designed to give designers a quick start to develop code on the AVR. The ATmega8 development kit is based on our 28 pin development board which is compatible with many of the Atmel AVR microcontrollers. In some ways the kit is similar to an Arduino but with lot more flexible. The Controller used is an 8-bit microcontroller with 8KB of flash, 1KB of RAM and 512 bytes of EEPROM.

Features of ATmega8 Mini Robotics Development Board V 2.0.

- High-performance, Low-power Atmel®AVR® 8-bit Microcontroller.
- 8Kbytes of In-System Self-programmable Flash program memory.
- 512Bytes EEPROM.
- 1Kbyte Internal SRAM.
- Optional Boot Code Section with Independent Lock Bits.
- In-System Programming by On-chip Boot Program.
- Byte-oriented Two-wire Serial Interface.
- Programmable Serial USART.
- Master/Slave SPI Serial Interface.
- Programmable Watchdog Timer with Separate On-chip Oscillator.
- Operating Voltages.
- 5.0V - 24V.
- Power Consumption at 4Mhz, 3V, 25°C.
- Active: 3.6mA.
- Idle Mode: 1.0mA.

Project Applications of ATmega8 Mini Robotics Development Board V 2.0.

- Blinking LED.
- Toggling LED.
- Micro mouse Robot.
- Line Follower.
- Edge avoider.

- Wall follower.
- Obstacle Avoider.
- Photo phobic.
- Photo Tropic.
- Clap operated Robotic car.
- Sound operated Home appliances control.
- Cell phone/Mobile operated Robotic car.
- Auto street light control.
- Mobile operated Home appliances controlled.
- Cell phone Controlled robot (DTMF Based).
- Line following Robot.
- Obstacle Avoiding Robot.
- Light Searching Robot.
- Edge Avoiding Robot.
- Clap operated Robotic car.
- Sound operated Home appliances control.
- Auto street light control.

Kit Content of ATmega8 Mini Robotics Development Board V 2.0.

- ATMEGA 8 Development Board.
- ATMEGA 8 microcontroller.
- L293D Motor driver IC.
- USB Cable.

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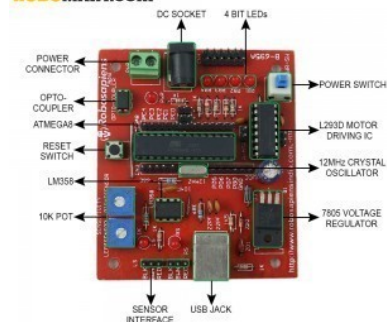
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