



**PRODUCT NAME :** Atmega8 mini Robotics Development Board V4.0

**PRICE :** Rs 999.00

**SKU :** RM0006

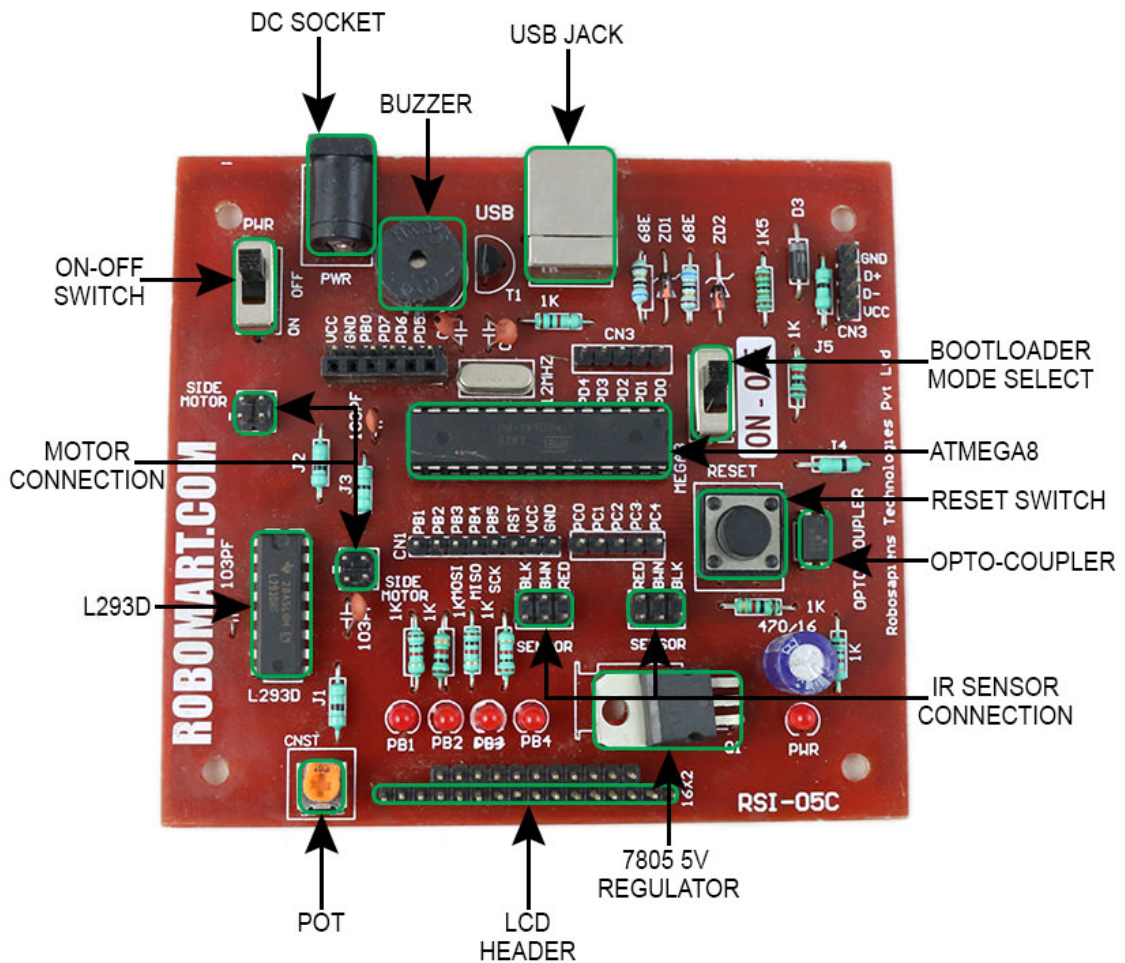


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## DESCRIPTION

**Atmega8 mini Robotics Development Board V4.0** is a complete starter kit and development system for the **AVR Atmega8 microcontrollers** from ATMEL ® Corporation. It is designed to give beginners a quick start to develop code on the AVR. This kit is one of the most recent development kit for both student, developer and designer and also this board will be used in School, Diploma, B.TECH Projects.

**Product Image of Atmega8 Mini Robotics Development Board V4.0.**



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## Features of Atmega8 Mini Robotics Development Board V4.0.

- 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.
- Power-down Mode: 0.5µA

## **Project of Atmega8 Mini Robotics Development Board V4.0.**

- Blinking LED.
- Toggling LED.
- 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.

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## **ADDITIONAL IMAGES**

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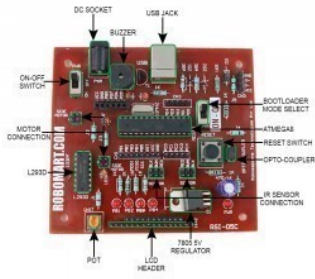
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