



PRODUCT NAME : ROBOMART MEGA ADK R
3 + 1602LCD + Distance sensor +
2CH-Relay Starter Kit

PRICE : Rs 6,799.00
SKU : RM2159



DESCRIPTION

The Robomart MEGA ADK starter kit has more than 16 projects for the beginners. This is the new Robomart DUE Starter Kit, developed specially for those beginners who are interested in Arduino. You will have a complete set of Arduino's most common and useful electronic components. What's more. We will offer you a detailed tutorial including project introduction and their source code. You may learn about Arduino through using these basic projects. This kit will help you control the physical world with sensors.

The Robomart Mega ADK is a microcontroller board based on the ATmega2560, which is fully compatible with Google's ADK and it includes all the basics you need to start building your own Android accessories. It has 54 digital input/output pins (of which 14 can be used as PWM outputs), 16 analog inputs, 4 UARTs (hardware serial ports), a 16 MHz crystal oscillator, a USB connection, a power jack, an ICSP header, and a reset button. Similar to the Mega 2560 and Uno, it features an Atmega8U2 programmed as a USB-to-serial converter.

The Android 3.1 platform (also backported to Android 2.3.4) introduces Android Open Accessory support, which allows external USB hardware (an Android USB accessory) to interact with an Android-powered device in a special "accessory" mode. When an Android-powered device is in accessory mode, the connected accessory acts as the USB host (powers the bus and enumerates devices) and the Android-powered device acts as the USB device.

Features:

- Microcontroller: ATmega2560
- Operating Voltage: 5V

- Input Voltage (recommended): 5-23V
- Digital I/O Pins: 54 (of which 14 provide PWM output)
- Analog Input Pins: 16
- DC Current per I/O Pin: 40 mA
- DC Current for 3.3V Pin: 50 mA
- Flash Memory 256 KB of which 8 KB used by bootloader
- SRAM: 8 KB
- EEPROM: 4 KB
- Clock Speed :16 MHz

Applications:

- Develop accessories for Android (v2.3.4 and above) devices using ADK.
- For Android devices not supporting ADK, use MicroBridge to develop accessories.
- Make Android devices interact with the physical world as an Arduino compatible platform with 256K Flash.
- On board USB host makes it easy to interact with USB devices like pen drivers, keyboard, mouse, Bluetooth dongles, etc...

Package list:

- 1x Robomart MEGA ADK R3 + USB Cable
- 1x 2 chanel relay Board
- 1x HC SR 04 Distance sensor
- 1x1602LCD
- 2x Buzzer
- 1x Temperature Sensor
- 1x 74HC595
- 1x Infrared Remote Control
- 1x Tshop
- 3x Small Ldr
- 1x Potentiometer
- 2x Tilt sensor
- 4x Tactile Switch
- 1x 8*8 Dot Matrix
- 1x Black IR Led
- 1x Cell Box
- Resistor
- Breadboard & Jumper wires
- LEDs

ADDITIONAL IMAGES



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