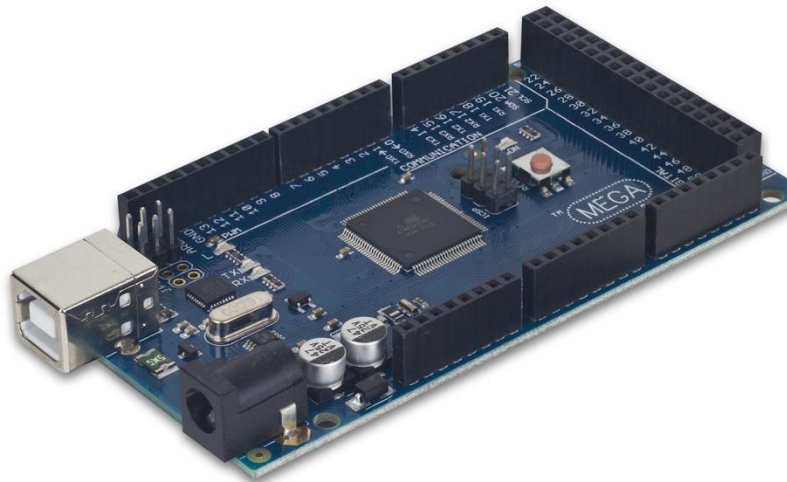


MEGA 2560 Board with ATmega16U2 USB Chip

Part No: SL0003



An Overview

The Mega 2560 is a microcontroller board for Arduino and is based on the ATmega2560 . It has 54 digital input/output pins (of which 15 can be used as PWM outputs), 16 analog inputs, 4 UARTs, a 16 MHz crystal oscillator, a USB connection, a power jack, an ICSP header, and a reset button.

This board is greatly suited for projects with more number of input, output and memory requirements, than what the UNO R3 board or others are able to deliver.

Specifications

Specification Table	
Processor	ATMega 2560 (microcontroller) Flash Memory 256 KB EEPROM 4KB Clock Speed 16 Mhz
I/O	Digital I/O Pins: 54 PWM Pins : 15 Analog Input Pins: 16
Operating Voltage	5 VDC , via USB 7-12 VDC, via VIN Pin or DC Barrel Jack
Dimensions	101 x 53 x 13 mm (L x W x H)
*Specifications can change without prior notice	