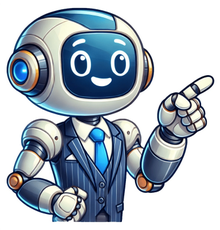
I'm not a bot



دليل arduino mega 2560 datasheet

Arduino Mega 2560 Datasheet Overview The Arduino Mega 2560 is a microcontroller board based on the ATmega2560 (datasheet). 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. It contains everything needed to support the microcontroller; simply connect it to a computer with a USB cable or power it with a ACto-DC adapter or b. Mega-2560 Features * the Atmega8U2 programmed as a USB-to-serial converter. The power pins are as follows: * VIN. The input voltage to the Arduino board when it's using an external power source (as opposed to 5 volts from the USB connection or other regulated power source). You can supply voltage through this pin, The Arduino Mega 2560 is a microcontroller board based on the ATmega2560 (datasheet). 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. It contains everything needed to support the microcontroller; simply connect it to a computer with a USB cable or Power it with a AC-to-DC adapter or battery to get started. The Mega is compatible with most shields designed for the Arduino Duemilanove or Diecimila. The Mega 2560 has 54 digital pins, whereas 15 supports PWM, and 16 analog input pins. 1 / 18 pageArduino® MEGA 2560 Rev31 / 18Arduino® MEGA 2560 Rev3Modified: 21/09/2022Product Reference ManualSKU: A000067DescriptionArduino® Mega 2560 is an exemplary development board dedicated for building extensive applications ascompared to other maker boards by Arduino. The board accommodates the ATmega2560 microcontroller, whichoperates at a frequency of 16 MHz. The board contains 54 digital input/output pins, 16 analog inputs, 4 UARTs(hardware serial ports), a USB connection, a power jack, an ICSP header, and a reset button.Target Areas3D Printing, Robotics, Maker