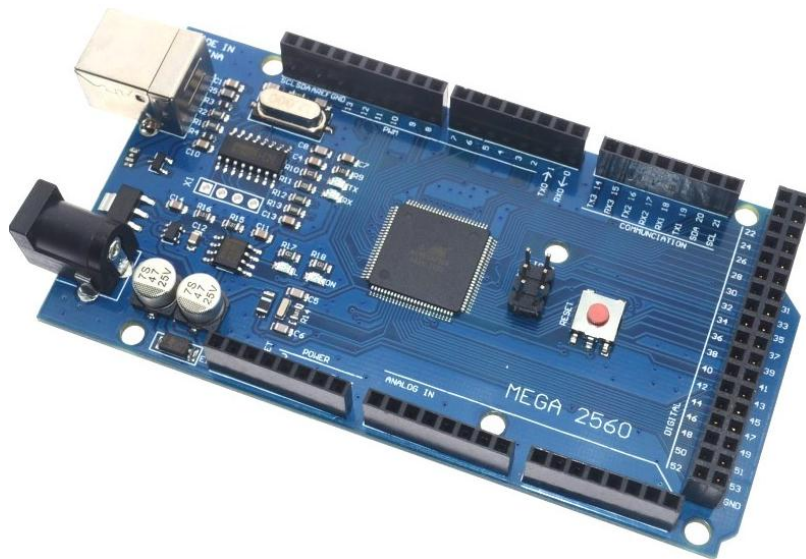




## Arduino Mega2560 Compatible Controller Board

The Arduino Mega 2560 is a development board based on the ATmega2560 microcontroller. The Mega is designed to support more complex projects, in comparison to the UNO board which is more suitable for beginners. It's perfect for use in 3D printing and robotics based projects.



SKU: [MDU1005](#)

### Brief Data:

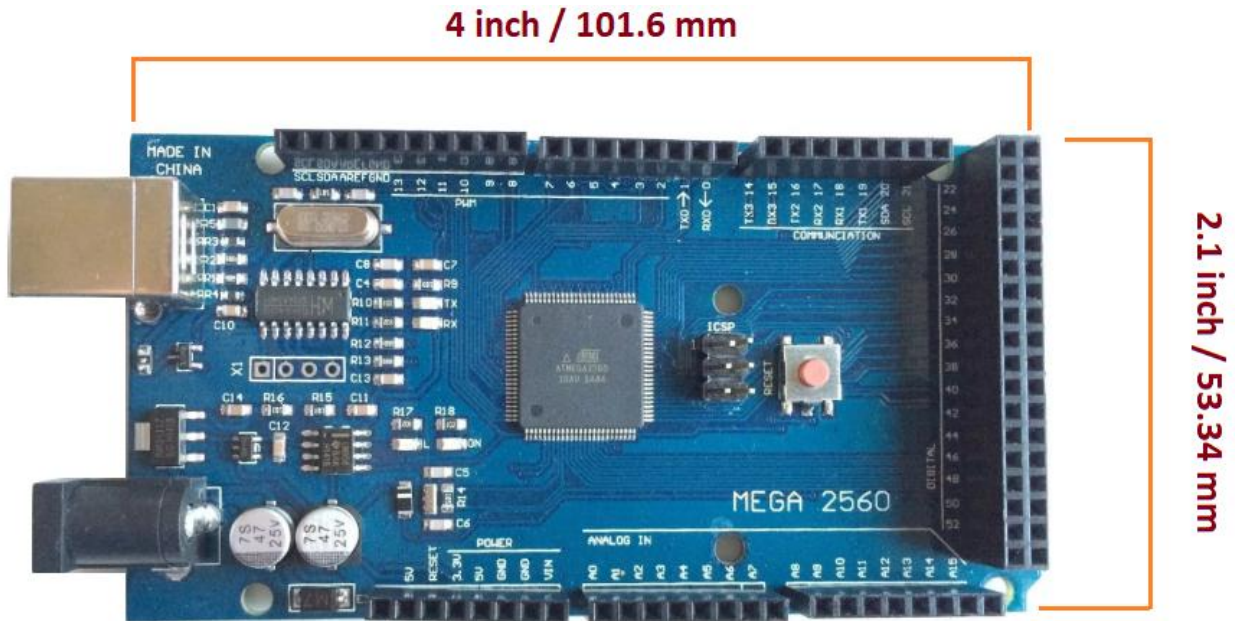
- Controller: ATmega2560.
- Operating Voltage: 5V.
- FLASH memory: 256 KB.
- SRAM: 8 KB.
- EEPROM: 4 KB.
- USB to Serial Interface Chip: CH340G.
- 54 x digital I/O pins (14 can be used as PWM outputs).
- 16 x Analogue inputs.
- 4 x UART.
- 1 x USB.
- 1 x power jack.
- 1 x ICSP header.
- 1 x reset button.
- Dimensions: 101.52 x 53.5 mm.

## **Package Include:**

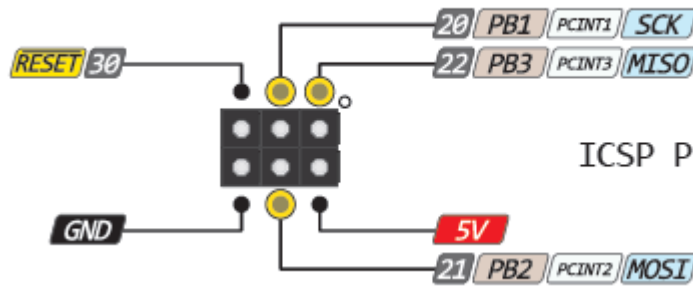
- 1x Arduino Mega2560 Compatible Controller Board
- 1x USB Cable.

## **Mechanical Dimension:**

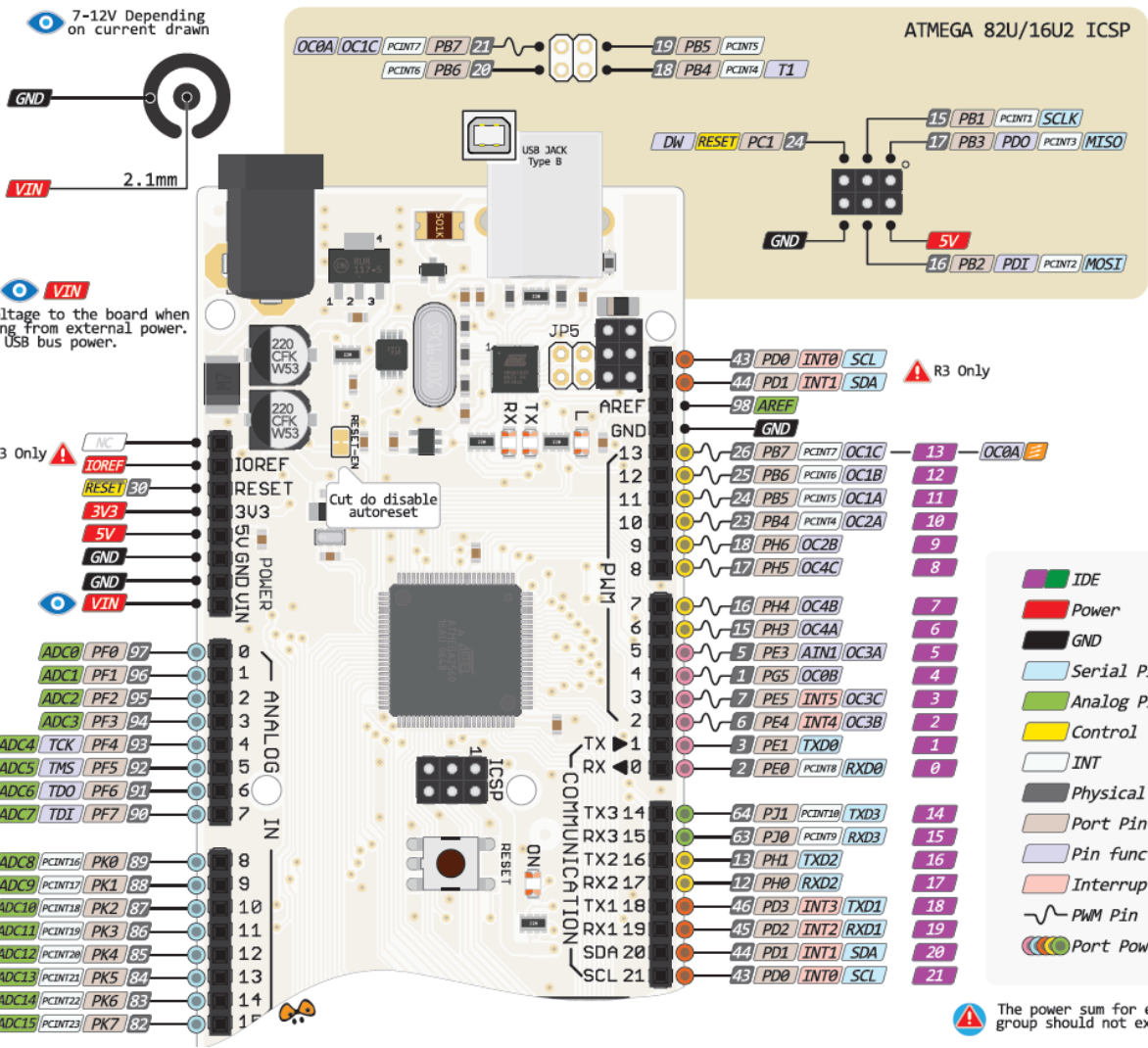
**Unit: mm**

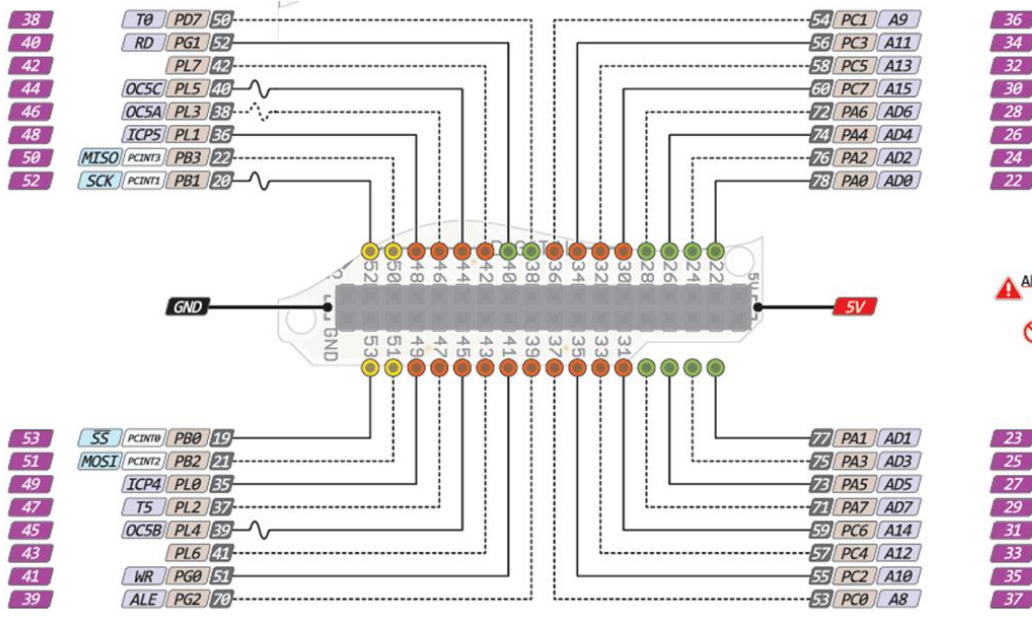


# Arduino Mega Pinout:



ICSP Pinout





⚠ Absolute MAX per pin 20mA  
recommended 10mA

⊘ Absolute MAX 200mA  
for entire package



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