

Specifications:

- Designed to plug into a breadboard for easy prototyping
- All 'standard' pins are brought out – Digital 0 thru 13, Analog 0 thru 5, ARef, 5V, Ground, Vin and Reset
- Chip comes pre-programmed with a "no-wait" Arduino bootloader.
- 2 LEDs, green power and red "pin 13" just like the Arduino!
- All through-hole parts are easy to solder
- Reset button
- Atmega328 chip has twice as much storage, runs at 16.00 MHz, just like the latest Arduino. Upload baud rate is 57600, use Arduino IDE v13+
- 6-pin standard ICSP header
- Standard 2.1mm DC jack with 5V regulator to run on 7V–17V power
- 1N4001 diode protects against using incorrect wall adapter
- 6-pin header at the end for a USB–TTL cable
- Auto–reset capability when used with a USB–TTL cable

Does not include a breadboard

Dimensions (PCB):

- 76mm x 20.3mm x 1.65mm
- 3in x 0.8 in x 0.06in
- 4.73g / 0.16 oz