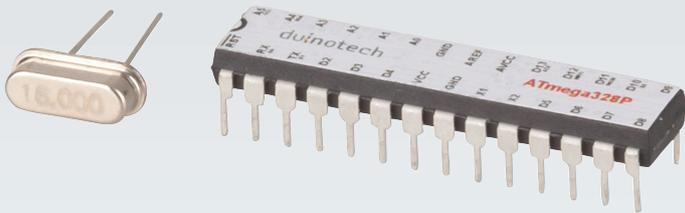


ATMEGA328P MCU IC with Arduino UNO Bootloader and 16MHz Crystal



- Type: Microcontroller
- Application: The same microcontroller as found in the Uno and Nano makes a great starting point for your own custom designed Arduino projects.
- Dimensions: 35(L) x 8(W) x 7(H)mm (IC) and 16(L) x 10(W) x 5(H)mm (Crystal)

ATMEGA328P MCU IC with Arduino UNO Bootloader and 16MHz Crystal Overview:

An Atmel AVR ATmega328P microcontroller for you to build your very own customised Arduino compatible projects. For your convenience it comes with the Arduino Uno bootloader pre-installed and features a label on top which details the pinouts. Includes 16MHz crystal oscillator.

Features:

Same IO pins as Dainotech Uno Board
 0 - 4MHz @ 1.8 - 5.5V, 0 - 10MHz @ 2.7 - 5.5V,
 0 - 20MHz @ 4.5 - 5.5V
 28-pin DIP format for easy use in breadboards or Arduino compatible boards

What is included: ATmega 328P IC and 16MHz Crystal

Essential Accessories: PI6510 IC socket
 XC4627 ISP Programmer

Optional Accessories: XC4613 10-pin to 6-pin adapter

Additional Features: The SMD version of the ATmega 328P has two extra analog pins (A6 and A7) that aren't available on the DIP version, which is why the Nano has two more analog inputs than the Uno.

Did you know:

Using an ATmega 328P instead of an Uno board is an excellent way to save power for your battery based projects.

Specifications	
Processor	ATmega 328P
Pins	28
Voltage	1.8V-5.5V
Crystal	16MHz
Digital IO	up to 22
Analog IO	up to 6

ATMEGA328P MCU IC with Arduino UNO Bootloader and 16MHz Crystal Sample Projects:

