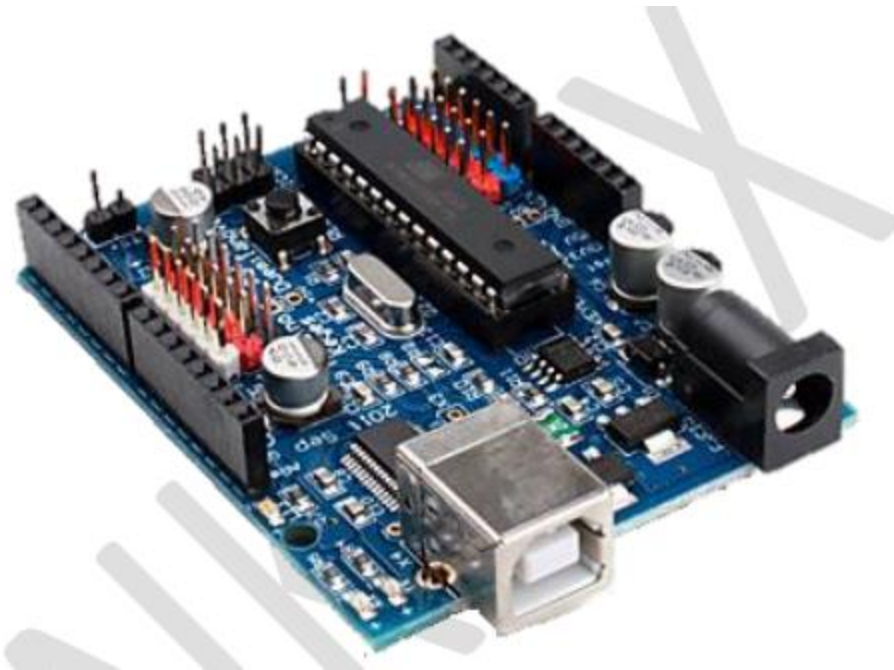


# Keyes Funduino Duemilanove

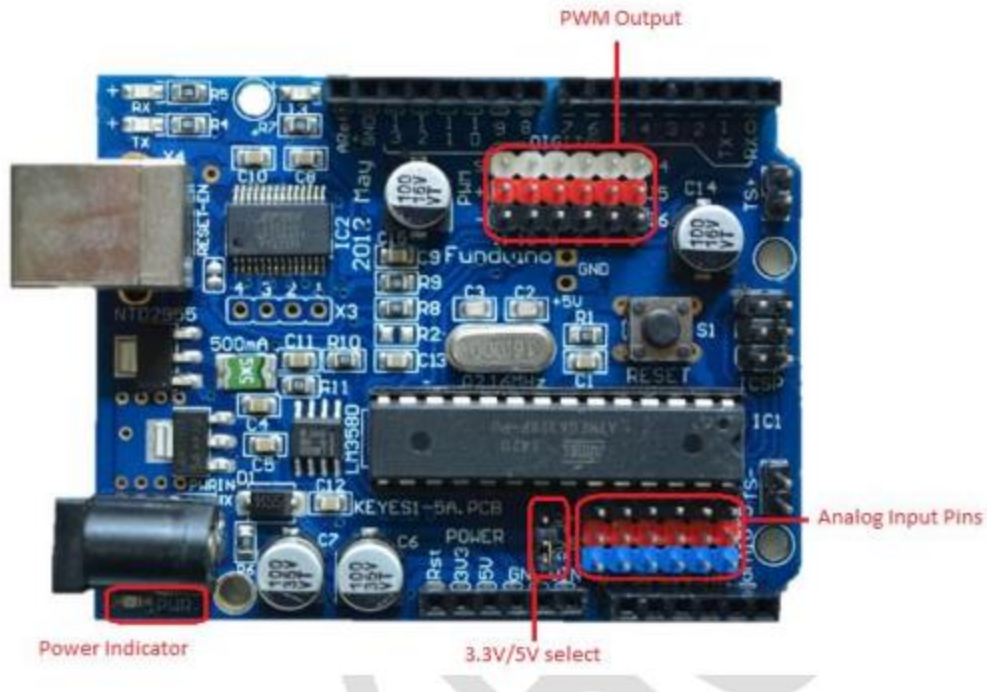


## DESCRIPTION:

Keyes Funduino Due is based on Arduino Duemilanove ("2009"), a microcontroller board based on ATmega328 (datasheet). It has 14 digital input/output pins (of which 6 can be used as PWM outputs), 6 analog inputs, 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 an AC-to-DC adapter or battery to get started.

"Duemilanove" means 2009 in Italian and is named after the year of its release. The Duemilanove is the latest in a series of USB Arduino boards; for a comparison with previous versions, see the index of Arduino boards.

## SHIELD OVERVIEW:



- **PWM Output** - 3, 5, 6, 9, 10, and 11. Provide 8-bit PWM output with the analog Write () function.
- **Analog Input Pins** – A0 to A5
- **3.3V/5V Select** – Move jumper to 3.3V to select 3.3V as the source for the headers.
- **Power Indicator** – red led power indicator