Arduino

Arduino is the most popular microcontroller and the easier to use as you don’t have to write drivers for its prephirals as they are already written .

Arduino has several models like :

* Arduino UNO
* Arduino MINI
* Arduino pro MINI
* Arduino NANO
* Arduino MEGA1280
* Arduino MEGA2560

All of these models have the same prephirals but they differ in their count and capacity

Arduino prephiral and components:

* Processor
* Internal clock
* GPIO pins
* Flash memory
* RAM
* Analog inputs
* PWM
* UART
* SPI
* I2C