



AN ARDUINO IS A **MICROCHIP**, WHICH IS A VERY SMALL COMPUTER THAT YOU CAN PROGRAM TO RESPOND TO THINGS. IT CAN MEASURE CONDITIONS (LIKE HOW MUCH LIGHT THERE IS IN THE ROOM). IT CAN CONTROL HOW OTHER OBJECTS REACT TO THOSE CONDITIONS (ROOM GETS DARK AND AN LED TURNS ON).













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Auto Formal &T Archive Sketch Fix Encoding & Reload Serial Monitor 0:36M	Auto Format 第T Archive Sketch Fix Encoding & Reload Serial Monitor 分割例
Serial Port  Ardulno Duemilanove or Nano w/ ATmega328 Ardulno Dierimita, Duemilanove, or Nano w/ ATmega164 Ardulno Dierimita, Duemilanove, or Nano w/ ATmega164	Board  Strial Port
Burn Booiloader  Arduino Mega 2560 Arduino Mega (ATmega1280) Arduino Mini Arduino BT w/ ATmega328 Arduino BT w/ ATmega168 LilyPad Arduino w/ ATmega328	Burn Bootloader
LilyPad Arduino W/ Armegaza Arduino Pro or Pro Mini (5V 16 MHz) w/ Armega328	NEXT SELECT THE SERIAL PORT.
LAUNCH THE ARDUINO SOFTWARE. IN THE TOOLS MENU, SELECT THE BOARD YOU ARE USING (TOOLS > BOARD). FOR EXAMPLE, ARDUINO UNO.	SOMETHING LIKE /DEV/TTY.USBMODEM. ON A WINDOWS MACHINE, IT WILL BE COM3 OR SOMETHING LIKE THAT.



WHEN YOU DOWNLOADED THE ARDUINO SOFTWARE, YOU DOWNLOADED AN **IDE.** IT COMBINES A TEXT EDITOR WITH A COMPILER AND OTHER FEATURES TO HELP PROGRAMMERS DEVELOP SOFTWARE.

rduino	File Edit Sketch	Tools	Help		
	New Open Sketchbook Examples	送N 発O	) Basins		
	Close Save Save As Upload to I/O Board	ጽ₩ ጽՏ ዕጽՏ ጽሀ	2.Digital 3.Analog 4.Communication 5.Control		<ul> <li>AnalogRea</li> <li>BareMinimi</li> <li>Blink</li> <li>DigitalRead</li> <li>Fade</li> </ul>
	Page Setup Print	ዕ ፠ዖ ፠ዖ	6.Sensors 7.Display 8.Strings ArduinoISP	4 4 4	1000

AND UPLOAD THEM TO THE ARDUINO BOARD. OPEN THE **BLINK** EXAMPLE IN THE FILE MENU. FILE > EXAMPLES > 1.BASICS > BLINK.



