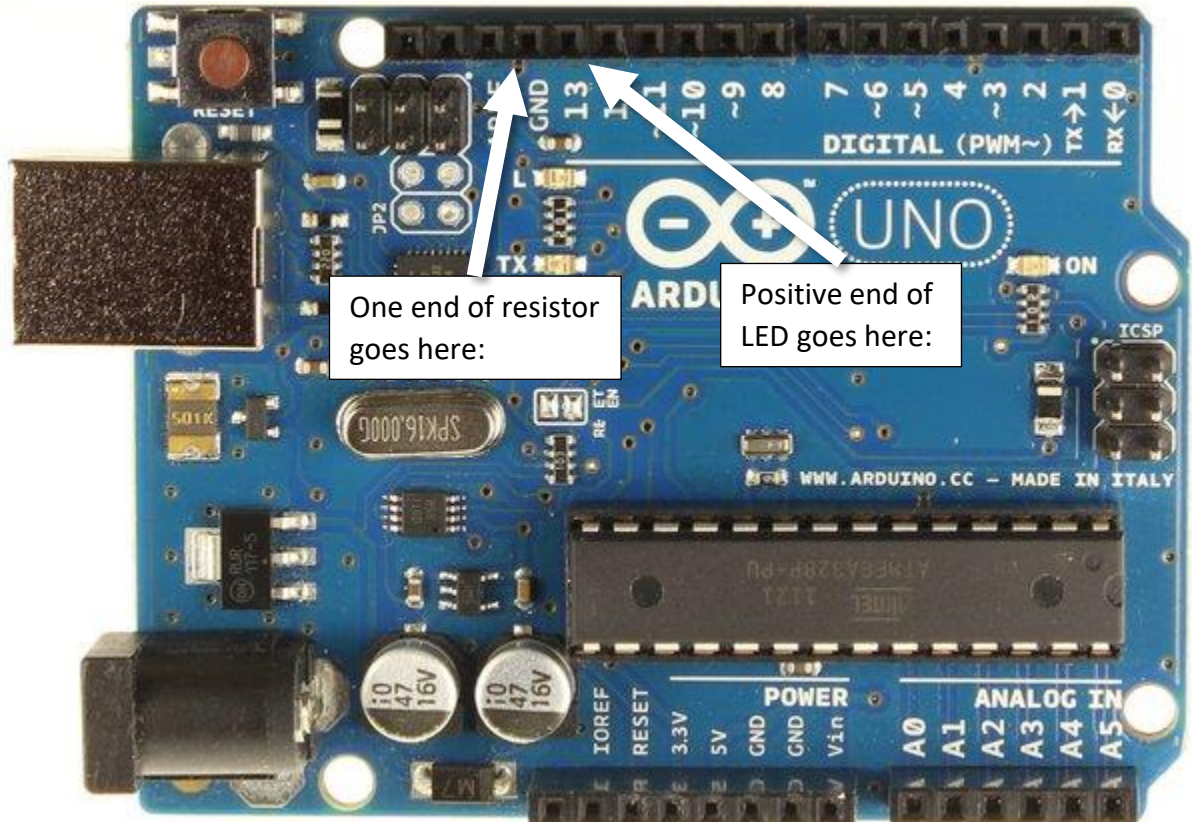


Arduino Blinking LED

Physical Science and Technology

Follow these steps in order to connect an LED to an Arduino controller and program it to blink.

1. Plug the positive end (the long end) of an LED into digital pin 13 of the Arduino.



2. Plug one end of a resistor (at least 200 Ohm) into the GND pin of the Arduino.
3. Connect the negative end (the short end) of the LED to the other end of the resistor by using an alligator clip wire.
4. Plug your Arduino into a computer using the USB cord.
5. Wait for the drivers to load (if necessary), then launch the Arduino software.
6. Make sure that the correct board and port are selected in the Tools menu.
7. From the File menu, choose "Examples", "Basics", "Blink".
8. Click on the arrow button to upload and run the software.

If everything is set up correctly, your LED should start blinking. Congratulations! If it doesn't work, you should troubleshoot and ask questions until you have correctly accomplished the task.