**LED interfacing with Arduino UNO**   
**Code:**

/\*

This program blinks pin 13 of the Arduino (the

built-in LED)

\*/

void setup()

{

pinMode(13, OUTPUT);

}

void loop()

{

// turn the LED on (HIGH is the voltage level)

digitalWrite(13, HIGH);

delay(1000); // Wait for 1000 millisecond(s)

// turn the LED off by making the voltage LOW

digitalWrite(13, LOW);

delay(1000); // Wait for 1000 millisecond(s)

}

Design

