

4) Potentiometer - LED

// potentiometer

void setup()

{ Serial.begin(9600);
pinMode(9, OUTPUT);

}

void loop()

{

int analog = analogRead(A0);
int brightness = map(analog, 0,
1023, 0, 255);

analogWrite(9, brightness);

Serial.print("\n analog value");

Serial.print(analog);

Serial.print("\n brightness value");

Serial.print(brightness);

}

/ 14 /