



Analog, or linear, circuits typically use only a few components and are thus some of the simplest types of ICs. Generally, analog circuits are connected to devices that collect signals from the environment or send signals back to the environment

```
(#define ledy 2 #define ledw 3 #define lm A0 void setup#
}
;pinMode(lm, INPUT); pinMode(ledy,OUTPUT); pinMode(ledw,OUTPUT); Serial.begin(9600)
{
} ()void loop
float lmV=analogRead(lm); float temp = (lmV*500)/1023; Serial.print("Temperature = ");
;()Serial.print(temp); Serial.print("deg C"); Serial.println
;delay(1000)
if (temp>50)
}
;digitalWrite(ledy,HIGH)
{ ;digitalWrite(ledw,LOW)
} else
;digitalWrite(ledw,HIGH)
{ ;digitalWrite(ledy,LOW)
{
```