

Product Name: LM393 comparator Digital Temperature Sensor Module for Arduino

Quick Details:

Working voltage 3.3V-5V

Output format : Digital switching output (0 and 1)

Bolt holes for easy installation

PCB size : 3.2cm x 1.4cm

Using a wide voltage LM393 comparator

Example Code

Routines source code:

```
int Led = 13 ;// define LED Interface
```

```
int buttonpin = 3; // define the digital temperature sensor interface
```

```
int val ;// define numeric variables val
```

```
void setup()
```

```
{
```

```
pinMode(Led, OUTPUT) ;// define LED as output interface
```

```
pinMode(buttonpin, INPUT) ;// define digital temperature sensor output  
interface
```

```
}
```

```
void loop ()
```

```
{
```

```
val = digitalRead(buttonpin) ;// digital interface will be assigned a value of 3 to  
read val
```

```
if(val == HIGH) // when the digital temperature sensor detects a signal, LED  
flashes
```

```
{  
digitalWrite(Led, HIGH);  
}  
else  
{  
digitalWrite(Led, LOW);  
}  
}
```

Please note the brand name may vary.

Package Included

1PCS X LM393 comparator Digital Temperature Sensor