

**Sub Process\_Globals**

```
Public Serial1 As Serial
Public ledred As Pin
Public ledgreen As Pin
Public buzzer As Pin
Public panel As TM1637Display
Public mq7 As Pin
```

**End Sub**

**Private Sub AppStart**

```
Serial1.Initialize(115200)
Log("AppStart")
ledred.Initialize(7,ledred.Mode_OUTPUT)
ledgreen.Initialize(8,ledgreen.Mode_OUTPUT)
buzzer.Initialize(3,buzzer.Mode_OUTPUT)
panel.Initialize(4,6)
mq7.Initialize(mq7.A3,mq7.Mode_OUTPUT)
```

**Do While 1=1**

```
Log(mq7.AnalogRead)
panel.ShowNumberDec(mq7.AnalogRead)
If mq7.AnalogRead>5 Then
    buzzer.DigitalWrite(True)
    ledred.DigitalWrite(True)
    ledgreen.DigitalWrite(False)
Else
    buzzer.DigitalWrite(False)
    ledred.DigitalWrite(False)
    ledgreen.DigitalWrite(True)
End If
Delay(1000)
```

**Loop**

**End Sub**