Continuous Mandatory Ventilation Controller

Project 2019

Deep Sleep Mode

2019-03-22 21:54
uC active : > 30 mA
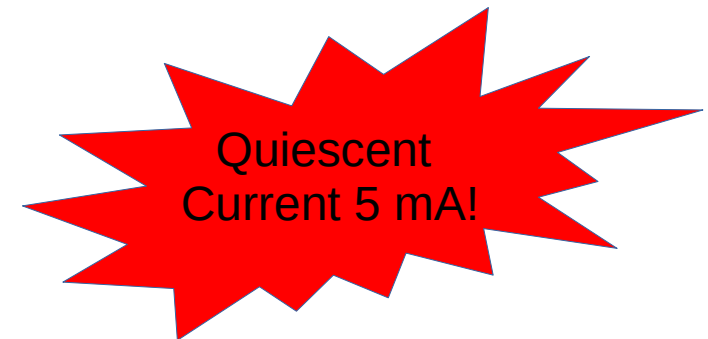Deep sleep : 5.7 mA
Deep sleep w/o sensor : 5.7 mA
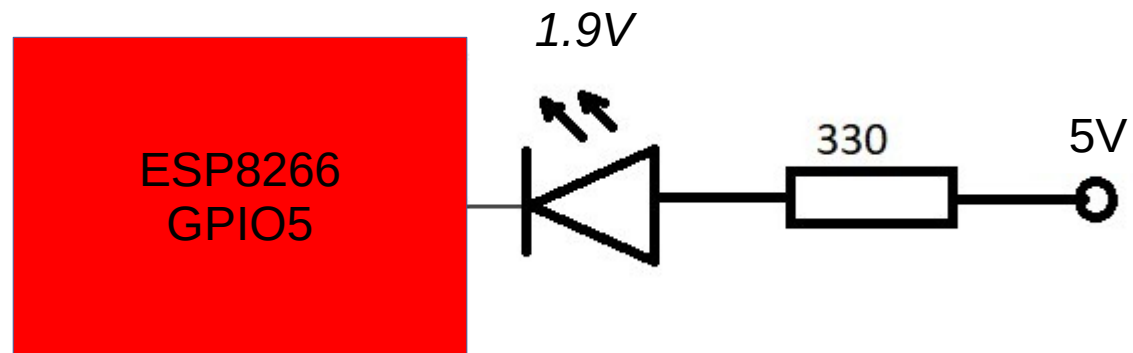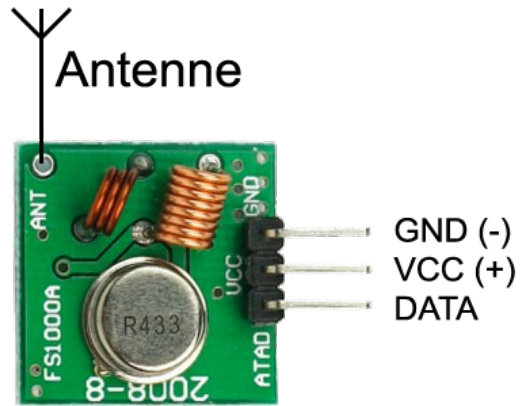Deep sleep w/o sensor & RF : 4.5 mA

pin	description
1	NC
2	GPIO16
3	RST

Deep sleep
mode activated

Quiescent
Current 5 mA!

User LED

ESP8266
GPIO5

1.9V

330

5V

RF433 Connector
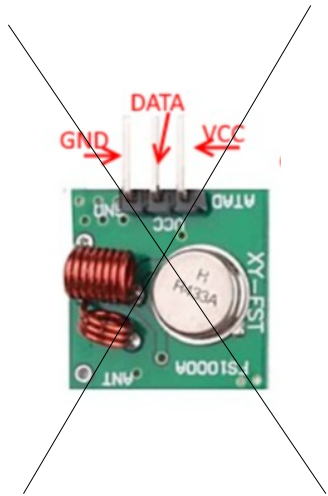
pin	description
1	5V
2	key
3	NC
4	GPIO14 (data)
5	GND
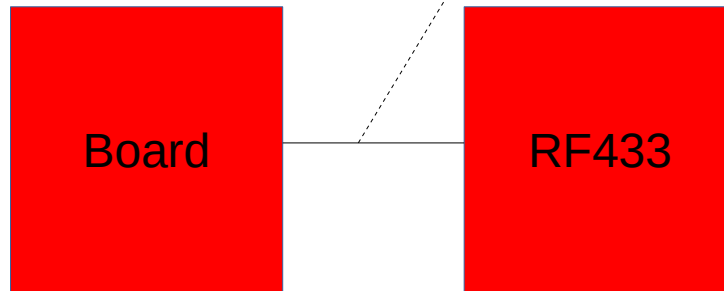
DHT22 Connector

DHT22 pins	
1	VCC
2	DATA
3	NC
4	GND
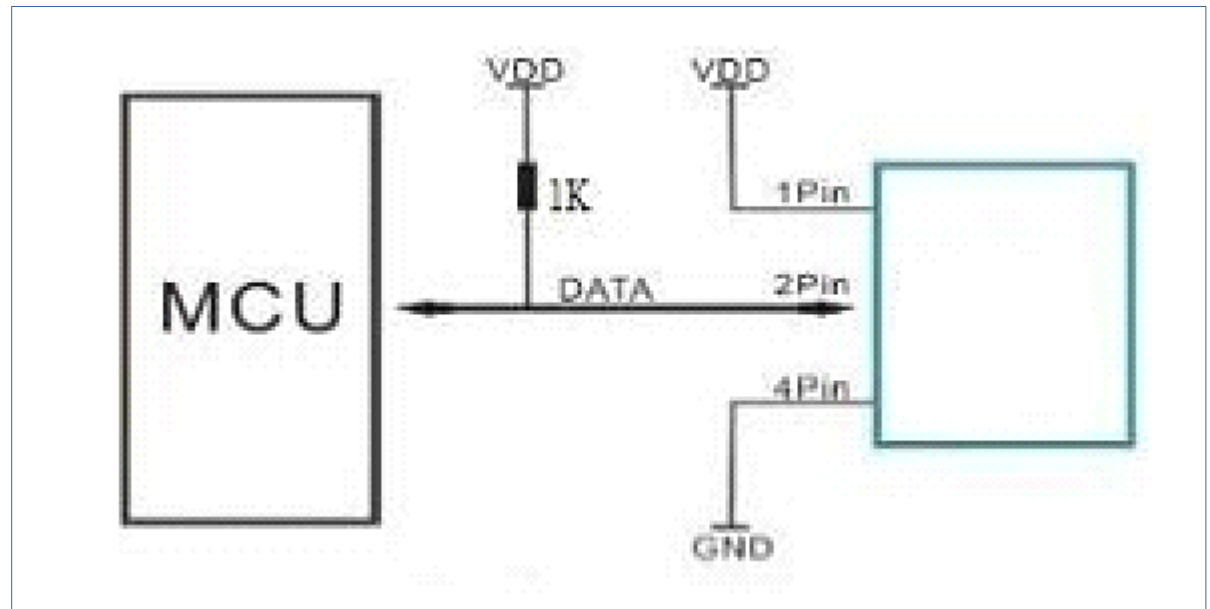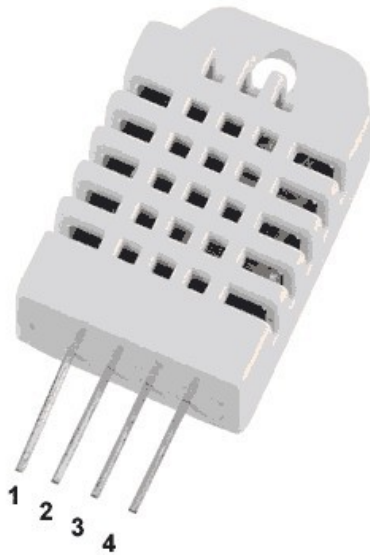
pin	description
1	3.3V
2	GPIO12
3	key
4	key
5	GND

Board

Sensor DHT22

Electrical Connection

CMV Controller — 220V

433 MHz

CMV Motor — N — Triple Interruptor DIO — 433 MHz

Interruptor
++++
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N
Neutral

Annex. ESP8266 pinout