

## PROJECT COMPONENTS PIN DIAGRAM

### MH-Z19 [CO2 Sensor]

PIN	Description
Pin 6	Vin (voltage input)
Pin 7	GND
Pin 1	Vout (output voltage 3.3V, output current lower than 10mA)
Pin 9	PWM
Pin 5	HD (zero calibration, low level above 7 seconds) (Factory Reserved)
Pin 2	UART (RXD) 0~3.3V digital input
Pin 3	UART (TXD) 0~3.3V digital output
Pin 4	SR (Factory Reserved)
Pin 8	AOT (Factory Reserved)



### PMS7003 [PM2.5 Sensor]

Pin1-----VCC  
 Pin2-----VCC  
 Pin3-----GND  
 Pin4-----GND  
 Pin5-----Reset  
 Pin6-----N/C  
 Pin7-----RX  
 Pin8-----N/C  
 Pin9-----TX  
 Pin10-----Set

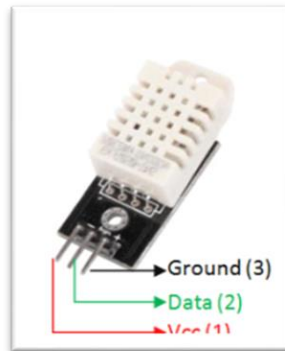
### MQ131 [ Ozone Sensor ]

#### MQ131 Pinout

GND  
 Analog Out  
 Digital Out  
 VCC



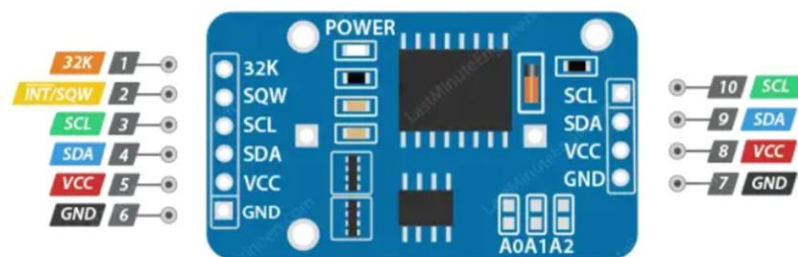
## DHT22 [ Temperature and Humidity Sensor ]



## DS3231 [ Real-Time-Clock ]

### DS3231 RTC Module Pinout

The DS3231 RTC module has 6 pins in total. The pinout is as follows:



## SPI Display

