**ESP8266同时接以下传感器:**

|  |  |  |
| --- | --- | --- |
| **HC-SR04超声波测距** | **ESP8266 NodeMCU CH340** | |
| Vcc | VV | 供电5v |
| trig | S1/SD1 | GPIO3 (RX) |
| echo | D8 | GPIO15 |
| gnd | G/GND | 接地 |

|  |  |  |
| --- | --- | --- |
| **DHT11温湿度** | **ESP8266 NodeMCU CH340** | |
| - | G/GND | 接地 |
| out | D0 | GPIO16 |
| + | 3.3V/3V | 供电3.3v |

|  |  |  |
| --- | --- | --- |
| **HX711 5KG压力称重** | **ESP8266 NodeMCU CH340** | |
| GND | G/GND | 接地 |
| DT | TX | GPIO1 |
| SCK | D6 | GPIO12 |
| VCC | 3.3V/3V | 供电3.3v |

|  |  |  |
| --- | --- | --- |
| **1.44寸TFT液晶屏** | **ESP8266 NodeMCU CH340** | |
| VCC | 3.3V/3V | 供电3.3v |
| GND | G/GND | 接地 |
| LED | D4 | GPIO2 |
| CLK | D5 | GPIO14 |
| SDI | D7 | GPIO13 |
| RS/DC | D3 | GPIO0 |
| RST | D2 | GPIO4 |
| CS | D1 | GPIO5 |

(提示: EPS8266不建议使用GPIO6 - GPIO11的引脚, 因为它们连接SD闪存, 但由于引脚不够用, 所以超声波传感器接了一个S1/SD1引脚, 但是代码中的GPIO值是3)

**效果:**

