**1 左侧接口排列**

|  |  |  |
| --- | --- | --- |
| 接口作用 | 设备接口 | STM32Pin |
| STM电源 | 5V | 5V |
| GND | GND |
| UART3 | GND | GND |
| UART3TX | PB10 |
| UART3RX | PB11 |
| IO口 | B12 | PB12 |
| B13 | PB13 |
| B14 | PB14 |
| B15 | PB15 |
| IO口 | C5 | PC5 |
| C4 | PC4 |
| B1 | PB1 |
| B0 | PB0 |
| 继电器电源 | 5V | 5V |
| GND | GND |
| DTH11温湿度控制 | 5V | 5V |
| B12 | PB12 输入输出 |
| GND | GND |
| 实时时钟控制 | 5V | 5V |
| GND | GND |
| DAT | B13 |
| CLK | B14 |
| RST | B15 |

**2右侧接口排列**

|  |  |  |
| --- | --- | --- |
| 接口作用 | 设备接口 | STM32Pin |
| IO口 | C12 | C12 |
| C9 | C9输出光照 |
| C8 | C8输出风扇 |
| C7 | C7输出水泵 |
| C6 | C6输出加热 |
| UART1串口 | GND | GND |
| UART1\_TX | PA9 |
| UART1\_RX | PA10 |
| 光敏传感器BH1750 | GND | GND |
| ADD |  |
| SDA | PB7 |
| SCL | PB6 |
| VCC | 5V |
| 土壤湿度 | A0 | B1 |
| DO |  |
| GND | GND |
| VCC | 5V |

**C12**

**B0**

**C5**

**C4**