|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Name** | **Role** |  | **#** | **Name** | **Role** |
|  | 3.3v | 3.3V source |  |  | 5V |  |
| 2 | SDA.1 |  |  |  | 5V |  |
| 3 | SCL.1 |  |  |  | GND |  |
| 4 | GPIO. 7 |  |  | 14 | TxD |  |
|  | GND |  |  | 15 | RxD |  |
| 17 | GPIO. 0 | Pump 1 |  | 18 | GPIO. 1 |  |
| 27 | GPIO. 2 | Pump 2 |  |  | GND |  |
| 22 | GPIO. 3 | Pump 3 |  | 23 | GPIO. 4 |  |
|  | 3.3v |  |  | 24 | GPIO. 5 |  |
| 10 | MOSI |  |  |  | GND |  |
| 9 | MISO |  |  | 25 | GPIO. 6 |  |
| 11 | SCLK |  |  | 8 | CE0 |  |
|  | GND |  |  | 7 | CE1 |  |
|  | SDA.0 | I2C Data OLED |  | 1 | SCL.0 | I2C Clock OLED |
| 5 | GPIO.21 | Pump 4 |  |  | GND |  |
| 6 | GPIO.22 | Pump 5 |  | 12 | GPIO.26 | Button Left |
| 13 | GPIO.23 | Pump 6 |  |  | GND |  |
| 19 | GPIO.24 | Pump 7 |  | 16 | GPIO.27 | Button Right |
| 26 | GPIO.25 | Pump 8 |  | 20 | GPIO.28 | OLED Reset |
|  | GND |  |  | 21 | GPIO.29 | OLED DC Pin |