|  |  |
| --- | --- |
| POWER | |
| PA9 | 5V |
| PB0 | BAT\_C |

|  |  |
| --- | --- |
| SARA | |
| PB5 | LTE\_POWER |
| PC3 | RESET\_MODULE |
| PC4 | PWRKEY\_MODULE |
| PA0 | USART2\_CTS |
| PA1 | USART2\_RTS |
| PA2 | USART2\_TX |
| PA3 | USART2\_RX |

|  |  |
| --- | --- |
| GPS | |
| PB12 | GNSS\_PWER |
| PC1 | GNSS\_RST |
| PB15 | GNSS\_1PPS |
| PC2 | GNSS\_INT |
| PB10 | USART3\_TX |
| PB11 | USART3\_RX |

|  |  |
| --- | --- |
| RGB\_LED | |
| PA8 | RGB\_POWER |
| PB1 | LED\_RGB |

|  |  |
| --- | --- |
| TX\_RX\_LED | |
| PB13 | RX\_LED |
| PB14 | TX\_LED |

|  |  |
| --- | --- |
| SD\_CARD | |
| PA15 | SD\_POWER |
| PC8 | SDIO\_D0 |
| PC9 | SDIO\_D1 |
| PC10 | SDIO\_D2 |
| PC11 | SDIO\_D3 |
| PC12 | SDIO\_CK |
| PD2 | SDIO\_CMD |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| GROVE |  |  |  |  |  |  |
| PIN | D38 | D20 | A6 | A4 | UART | I2C |
| 1 | PC6 | PB4 | (IN6) PA6 | (IN4) PA4 | (U1\_RX) PB7 | (SCL) PB8 |
| 2 | PC7 | PB3 | (IN7) PA7 | (IN5) PA5 | (U1\_TX) PB6 | (SDA) PB9 |
| 3 | VDD\_3V3 | VDD\_3V3\_B | VDD\_3V3\_B | VDD\_3V3\_B | VDD\_3V3\_B | VDD\_3V3\_B |
| 4 | GND | GND | GND | GND | GND | GND |
|  |  |  |  |  |  |  |
| PC0 | GRO\_POWR -> VDD\_3V3\_B | | | | | |