G=GPIO  P=PIN

| USE | ID | G | P | | P | G | ID | USE |
|---|---|---|---|---|---|---|---|---|
|  | 3V3 | - | 1 | 1 | 2 | - | 5V | bus - analogue |
| bus | SDA | 2 | 3 | 2 | 4 | - | 5V | bus - i2c |
| bus | SCL | 3 | 5 | 3 | 6 | - | Ground | bus - i2c |
|  |  | 4 | 7 | 4 | 8 | 14 | TXD |  |
|  | Ground | - | 9 | 5 | 10 | 15 | RXD |  |
|  | ce1 | 17 | 11 | 6 | 12 | 18 | ce0 |  |
|  |  | 27 | 13 | 7 | 14 | - | Ground | bus - analogue |
|  |  | 22 | 15 | 8 | 16 | 23 |  |  |
|  | 3V3 | - | 17 | 9 | 18 | 24 |  |  |
|  | MOSI | 10 | 19 | 10 | 20 | - | Ground |  |
|  | MISO | 9 | 21 | 11 | 22 | 25 |  |  |
|  | SCLK | 11 | 23 | 12 | 24 | 8 | CE0 |  |
|  | Ground | - | 25 | 13 | 26 | 7 | CE1 |  |
|  | ID_SD | 0 | 27 | 14 | 28 | 1 | ID_SC |  |
| data |  | 5 | 29 | 15 | 30 | - | Ground |  |
| data |  | 6 | 31 | 16 | 32 | 12 |  |  |
| DATA |  | 13 | 33 | 17 | 34 | - | Ground |  |
|  | miso | 19 | 35 | 18 | 36 | 16 | ce2 |  |
|  |  | 26 | 37 | 19 | 38 | 20 | mosi |  |
|  | Ground | - | 39 | 20 | 40 | 21 | sclk |  |
| USE | ID | G | P | | P | G | ID | USE |

**Key**

| Code | Desc. |
|---|---|
| i2c | adafruit temp, alt, pressure/UV/ADC(w.dir) |
| MPL3115A2 | generic temp,humidity |
| w.speed |  |
| rain |  |