Rasberry Pi pin allocations

|  |  |  |  |
| --- | --- | --- | --- |
| **PIN** | **GPIO PIN** | **PWM** | **FUNCTION** |
| 3 | GPIO 2 |  |  |
| 5 | GPIO 3 |  |  |
| 7 | GPIO 4 |  | P4 |
| 8 | GPIO 14 |  |  |
| 10 | GPIO 15 |  |  |
| 11 | GPIO 17 |  | P17 |
| 12 | GPIO 18 | Y | P18 |
| 13 | GPIO 27 |  | P27 |
| 15 | GPIO 22 |  | P22 |
| 16 | GPIO 23 |  |  |
| 18 | GPIO 24 |  | P24 |
| 19 | GPIO 10 |  | LED 1 |
| 21 | GPIO 9 |  | LED 2 (TBD) |
| 22 | GPIO 25 |  | Laser 1 |
| 23 | GPIO 11 |  | Laser 2 |
| 24 | GPIO 8 |  |  |
| 26 | GPIO 7 |  |  |
| 27 | GPIO 0 |  |  |
| 28 | GPIO 1 |  | Hall Sensor |
| 29 | GPIO 5 |  | Limit Switch Z\_cam |
| 31 | GPIO 6 |  |  |
| 32 | GPIO 12 | Y | P12 |
| 33 | GPIO 13 | Y | P13 |
| 35 | GPIO 19 | Y | P19 |
| 36 | GPIO 16 | Y | P16 |
| 37 | GPIO 26 |  |  |
| 38 | GPIO 20 |  | P20 |
| 40 | GPIO 21 |  | P21 |