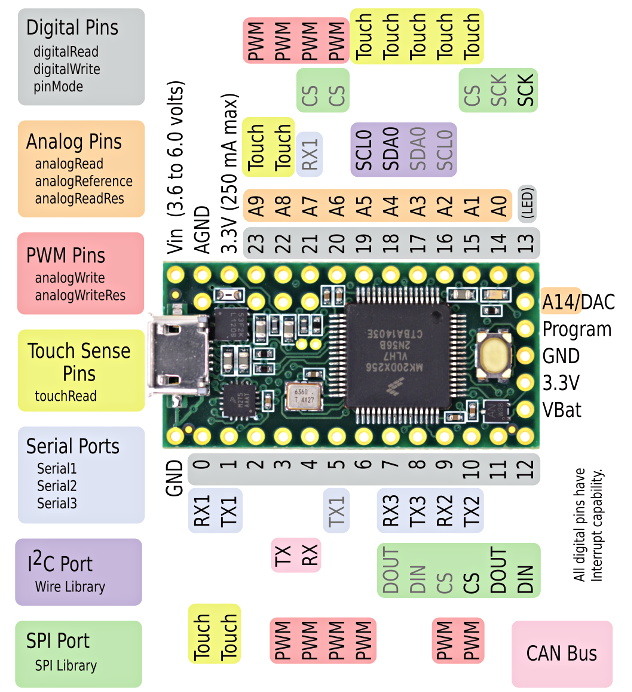
**Smart Breadboard Documentation**

**Breadboard Pinouts:**

Main:

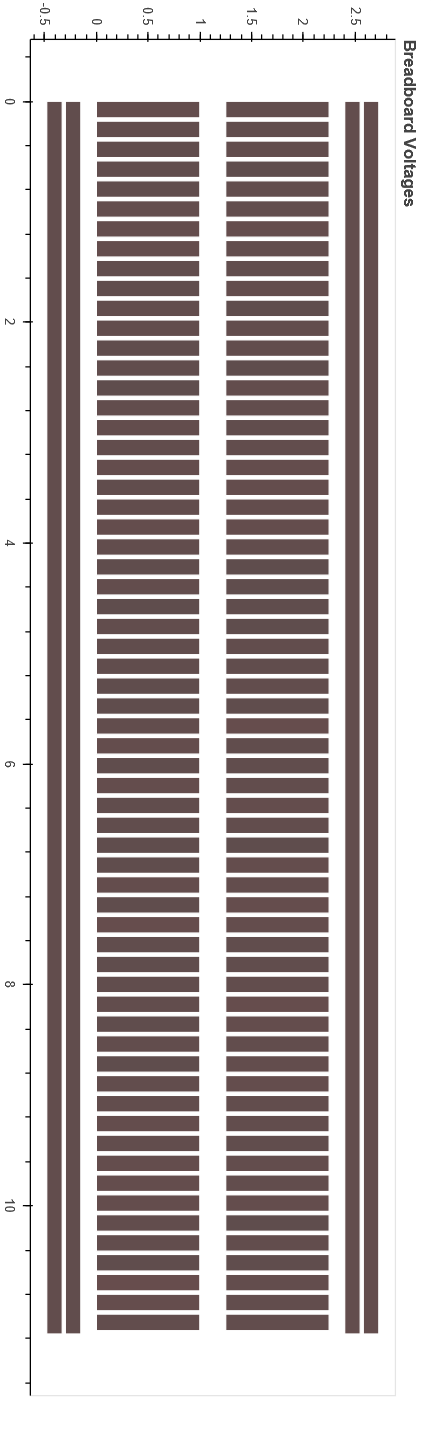
|  |  |  |
| --- | --- | --- |
| PCB Board |  | Teensy Pinout |
| 1 | EN | 4 |
| 2 | S0 | 12 |
| 3 | S1 | 11 |
| 4 | S2 | 10 |
| 5 | S3 | 9 |
| 6 | S4 | A0 |
| 7 | VCC | 3.3 V |
| 8 | GND | GND |

Auxiliary:

|  |  |  |
| --- | --- | --- |
| PCB Board |  | Teensy Pinout |
| 1 | S0 | 8 |
| 2 | S1 | 7 |
| 3 | S2 | 6 |
| 4 | S3 | 5 |

**Teensy Breakout Board:**

|  |  |
| --- | --- |
| Breakout Board | Teensy Pinout |
| 1 | 3.3V |
| 2 | GND |
| 3 | GND |
| 4 | A0 |
| 5 | 4 |
| 6 | 5 |
| 7 | 6 |
| 8 | 7 |
| 9 | 8 |
| 10 | 9 |
| 11 | 10 |
| 12 | 11 |
| 13 | 12 |



Left column: 0-61

Left NEG rail: 62

Left POS rail: 63

Right column: 64-125

Right NEG rail: 127

Right POS rail: 126

**Format to control:** (strings)

**Evaluate all nodes:**

all\n

**Evaluate a range of nodes:**

lowIndex,upperIndex

**Evaluate a single node with time:**

nodeindex,timeinsec + “;” + “single”