* Teensey breakout
  + 12V to 5V
  + 5V to 3V
  + GND
  + CAN - http://www.mouser.com/ProductDetail/Texas-Instruments/SN65HVD232D/?qs=QViXGNcIEAueLIS9b8IyYg%3D%3D
    - CAN TX
    - CAN RX
  + Power LEDs
    - 5V good
    - 3.3V good
  + 3 Program LEDS - 28, 29,30,
* 1 CAN,2 SPI, 3Tx/Rx, 2 I2C, 18 digital, 12 Analog, 7 PWM

|  |  |
| --- | --- |
| 1. CANL 2. CANH 3. Pin 0 - D/RX1/MOSI1 4. Pin 1- D/TX1/MISO1 5. Pin 31- D/A/TX4/SCL1 6. Pin 32 - D/A/RX4/CS1 7. Pin 10 - D/PWM/CS0 8. Pin 11- D/MISO0 9. Pin 12 - D/MISO0 10. Pin 13 - D/SCK0 | 1. Pin 23 - D/A/PWM 2. Pin 22 - D/A/PWM 3. Pin 19 - D/A/SCL0 4. Pin 18 - D/A/SDA0 5. Pin 38 - D/A/PWM/SDA1 6. Pin 37 - D/A/PWM/SCL1 7. Pin 36 - D/A/PWM 8. Pin 35 - D/A/PWM 9. Pin 34 - D/A/RX5 10. Pin 33 - D/A/RX5 |

PIN\_OUTS

1. Pin 3- CAN TX
2. Pin 4 - CAN RX
3. Pin 12 - D/MISO0
4. Pin 13 - D/SCK0
5. Pin 11- D/MISO0
6. Pin 15 - D/A/CS0
7. Pin 0 - D/RX1/MOSI1
8. Pin 1- D/TX1/MISO1
9. Pin 32 - D/A/RX4/CS1
10. Pin 31- D/A/TX4/SCL1
11. Pin 19 - D/A/SCL0
12. Pin 18 - D/A/SDA0
13. Pin 38 - D/A/PWM/SDA1
14. Pin 37 - D/A/PWM/SCL1
15. Pin 23 - D/A/PWM
16. Pin 22 - D/A/PWM
17. Pin 36 - D/A/PWM
18. Pin 35 - D/A/PWM
19. Pin 34 - D/A/RX5
20. Pin 33 - D/A/RX5