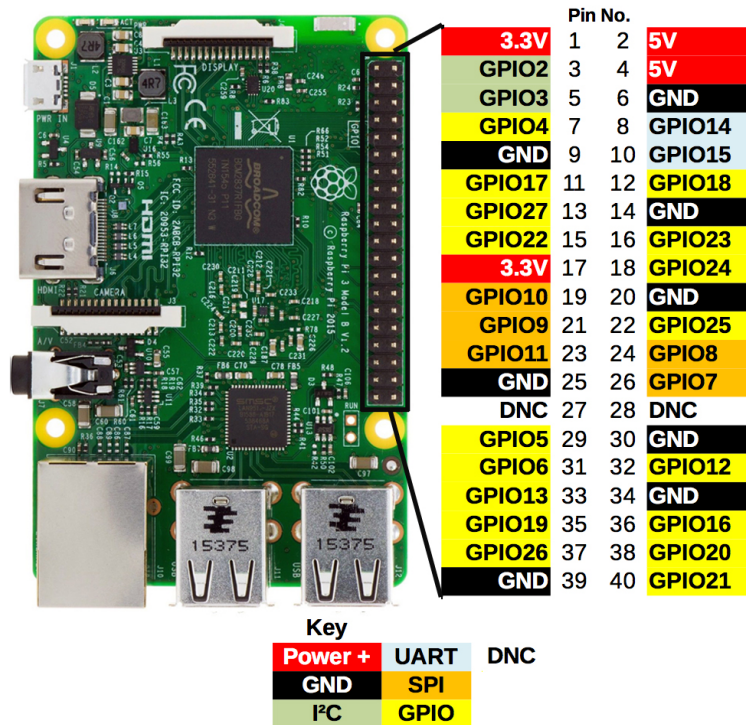


DogeBoard

Ports



- CAN: SP0 (1 CAN, 1 ADC)
 - 5V
 - 3.3V
 - GND
 - MOSI: GPIO 10
 - MISO: GPIO 9
 - SCLK: GPIO 11
 - CS0: GPIO 8
 - CS1: GPIO 7
- I2C: GPIO 2 & 3
 - 3.3V

- GND
- SDA: GPIO 2
- SCL: GPIO 3
- RSL: 1 DIO
- COMM: 2 DIO (red / green LED)
- PWM: GPIO 12 & 13
 - 5V
 - GND
 - Channel 0: GPIO 12
 - Channel 1: GPIO 13
- Analog Inputs: 4 channels
 - CS: 1 GPIO pin
 - SCLK: 1 GPIO pin
 - DOUT (digital out): 1 GPIO pin
 - DIN (digital in):
- Digital IO: 8 GPIO pins
- NAVX2 - USB-A

Composants externes

- Interface SPI -> CAN
 - MCP2515: <https://www.microchip.com/wwwproducts/en/en010406>
- ADC
 - ADC124S051: <https://www.ti.com/lit/ds/symlink/adc124s051.pdf?HQS=dis-mous-null-mouser-mode-dsf-pf-null-ww&ts=1620004572548>