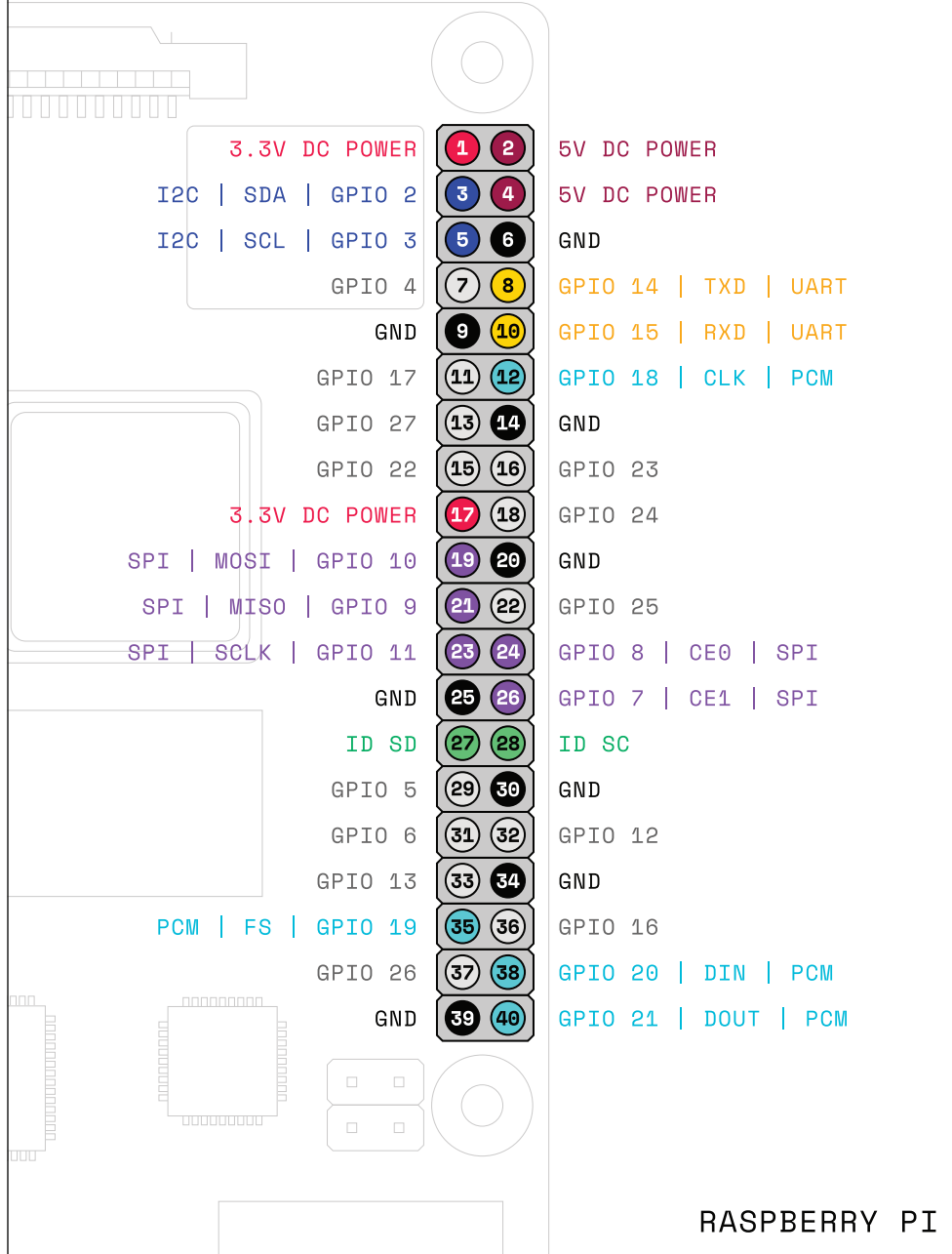


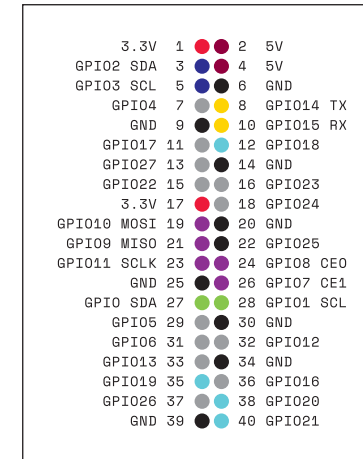
VIAM



How to use

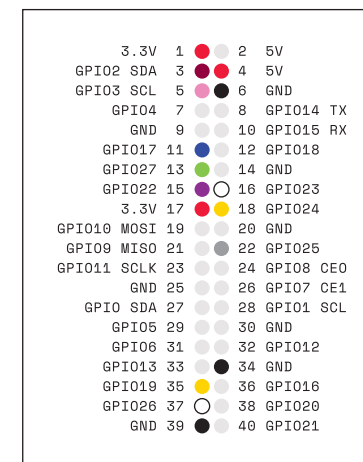
Print this page out at 100% scaling (**do not** select “fit to page”).
 Cut out one of the sheets below, and stick directly on to your Raspberry Pi pins to make wiring your next robot as easy as pie.

Raspberry Pi 4 Leaf



- GPIO (General Purpose IO)
- SPI (Serial Peripheral Interface)
- I2C (Inter-integrated Circuit)
- UART (Universal Asynchronous Receiver/Transmitter)
- PCM (Pulse Code Modulation)
- Ground
- 5V (Power)
- 3.3V (Power)

Rover Pi 4 Leaf



- 1 → DC Motor Driver 3.3V
- 3 → Acceleration Tilt Module SDA
- 4 → Buck Converter 5V
- 5 → Acceleration Tilt Module SCL
- 6 → DC Motor Driver GND
- 11 → DC Motor Driver In 1
- 13 → DC Motor Driver In 2
- 15 → DC Motor Driver En A
- 16 → DC Motor Driver In 3
- 17 → Acceleration Tilt Module 3.3V
- 18 → DC Motor Driver In 4
- 22 → DC Motor Driver En B
- 34 → Acceleration Tilt Module GND
- 35 → DC Motor Driver Encoder Left
- 37 → DC Motor Driver Encoder Right
- 39 → Buck Converter GND

Inspired by the original Raspberry Pi Leaf by Simon Monk