Raspberry Pi 4 Leaf

3.3V	1	2	5V
GPIO2 SDA	3	4	5V
GPIO3 SCL	5	6	GND
GPIO4	7	8	GPIO14 TX
GND	9	10	GPIO15 RX
GPIO17	11	12	GPIO18
GPIO27	13	14	GND
GPIO22	15	16	GPIO23
3.3V	17	18	GPIO24
GPIO10 MOSI	19	20	GND
GPIO9 MISO	21	22	GPIO25
GPIO11 SCLK	23	24	GPIO8 CE0
GND	25	26	GPIO7 CE1
GPIO SDA	27	28	GPIO1 SCL
GPIO5	29	30	GND
GPIO6	31	32	GPIO12
GPIO13	33	34	GND
GPIO19	35	36	GPIO16
GPIO26	37	38	GPIO20
GND	39	40	GPIO21

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

Rover Pi 4 Leaf

3.3V	1	2	5V
GPIO2 SDA	3	4	5V
GPIO3 SCL	5	6	GND
GPIO4	7	8	GPIO14 TX
GND	9	10	GPIO15 RX
GPIO17	11	12	GPIO18
GPIO27	13	14	GND
GPIO22	15	16	GPIO23
3.3V	17	18	GPIO24
GPIO10 MOSI	19	20	GND
GPIO9 MISO	21	22	GPIO25
GPIO11 SCLK	23	24	GPIO8 CE0
GND	25	26	GPIO7 CE1
GPIO SDA	27	28	GPIO1 SCL
GPIO5	29	30	GND
GPIO6	31	32	GPIO12
GPIO13	33	34	GND
GPIO19	35	36	GPIO16
GPIO26	37	38	GPIO20
GND	39	40	GPIO21

- 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