

Jetson nano use pin comparison table

Classification	Features	BCM number	Physical pin number pin	Remark
OLED	I2C1 SCL	1	28	I2C: 0x3C
	I2C1 SDA	0	27	
Coprocessor	I2C2 SCL	3	5	I2C: 0x1B
	I2C2 SDA	2	3	
LED indicator	LED2	24	18	Low level light
	LED3	23	16	Low level light
button	KEY1	8	24	Press low

Jetbot-mini coprocessor communication protocol

register	data1	data2	data3	data4	Features
0x01	Motor direction on the left: 0 means backward, non-zero means forward	Motor speed value on the left: 0-255	Motor direction on the right: 0 means backward, non-zero means forward	Motor speed value on the right: 0-255	Control the movement of the car
0x02	0x00				Stop all motors
0x03	Select the steering gear: 1-2	Angle of steering gear: 0-180			Control the function of automatically stopping PWM output after 1
0x04	Motor direction on the left: 0 means backward, non-zero means forward	Motor speed value on the left: 0-255			
0x05	Motor direction on the right: 0 means backward, non-zero means forward	Motor speed value on the right: 0-255			
0x06	Buzzer switch: 0 is off, non-zero is on				

Voltage reading: send any value to return the current voltage value