

## PicoBot2 Pin out

Arduino Compatible mini 2WD floor robot with options for Bluetooth or ESP8266 modules

		<b>v0.2</b>	<b>v0.3</b>	<b>v0.4</b>	<b>V1.0</b>	
D0	Rx	USB Rx	USB Rx	USB Rx	USB Rx	D0
D1	Tx	USB Tx	USB Tx	USB Tx	USB Tx	D1
D2		Right Motor A	BT/ESP Rx	BT/ESP Rx	BT/ESP Rx	D2
D3	~	Right Motor B	BT/ESP Tx	BT/ESP Tx	BT/ESP Tx	D3
D4		Left Motor A	Left Motor A	Neopixels	Neopixels	D4
D5	~	Left Motor B	Left Motor B	Left Motor A	Right Motor A	D5
D6	~		Right Motor B	Left Motor B	Left Motor A	D6
D7			Right Motor A	Button	Button	D7
D8						D8
D9	~	Neopixels	Neopixels	Right Motor A	Right Motor B	D9
D10	~	Button	Button	Right Motor B	Left Motor B	D10
D11	~					D11
D12						D12
D13		D13 Blue LED	D13 Blue LED	D13 Blue LED	D13 Blue LED	D13
A0		Left LDR	Left LDR	Left LDR	Left LDR	A0
A1		Right LDR	Right LDR	Right LDR	Right LDR	A1
A2				Ping	Ping	A2
A3				Echo	Echo	A3
A4		Ping	Ping	SDA (I2C)	SDA (I2C)	A4
A5		Echo	Echo	SCL (I2C)	SCL (I2C)	A5
A6	QFP	Right Line	Right Line	Right Line	Right Line	A6
A7	QFP	Left Line	Left Line	Left Line	Left Line	A7

### **I2C Addresses (only v0.4)**

- Accelerometer (MMA7660) on address 0x4C