

	Pin	IN	OUT	Connected	Description
ANALOG	A0		✓	Ultrasonic emitter (pin 3 on the sensor)	High to start pulse, Low to stop
	A1			NONE	
	A2			NONE	
	A3			NONE	
	A4			NONE	
	A5			NONE	
DIGITAL	0		✓	PI TX – Transmit to PI	
	1	✓		PI RX – Receive from PI	
	2			NONE	
	3		✓	In1 (MC on left)	0-255(no angle to Full angle)
	4			NONE	
	5		✓	In2 (MC on left)	Low for left, High for Right
	6		✓	In3 (MC on left)	0-255(Stopped to full speed)
	7	✓		Pulse in from ultrasonic (pin2 on the sensor)	To be read from
	8		✓	Left front LED	HIGH for on Low for off
	9		✓	In4 (MC on left)	LOW for forwards, HIGH for backwards
	10		✓	In3(MC on right)	Doesn't seem to work
	11		✓	In4(MC on right)	Doesn't seem to work
	12		✓	Right front LED	HIGH for on LOW for off
	13			NONE	