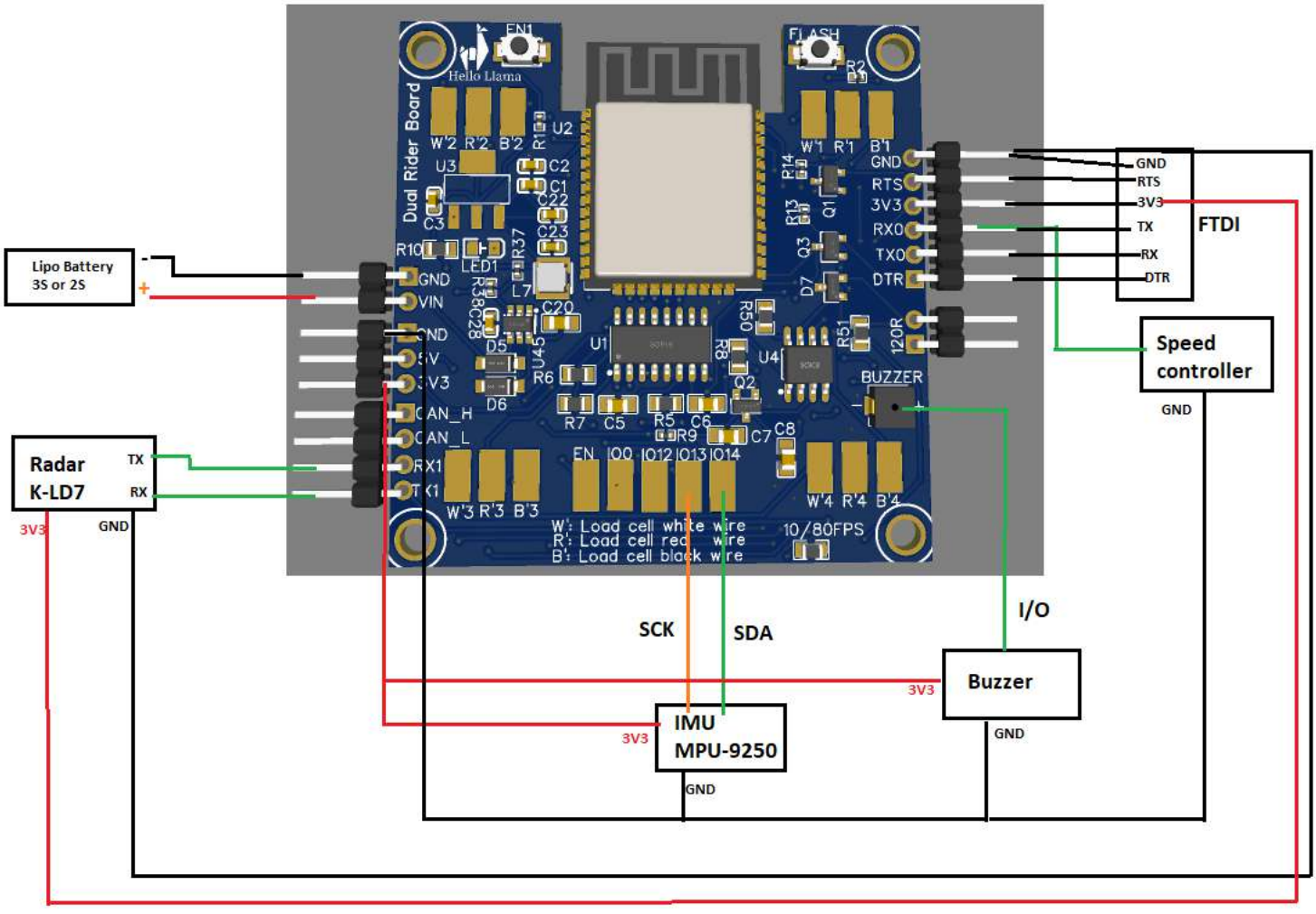
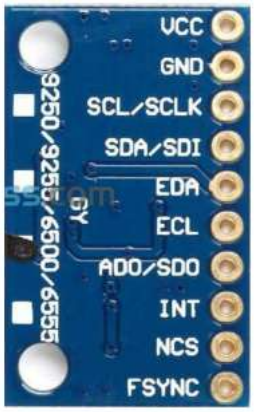
Radar Board pinout



	Sensor Pins	Dual rider board pins	Note
Radar K-LD7	TX	RX1	
	RX	TX1	
	3V3	3V3	Use the right side of the board (same 3v3 used by FTDI)
	GND	GND	Use the right side of the board (same GND used by FTDI)
IMU MPU9250	SDA	IO14	need to be soldered to the board
	SCK	IO13	need to be soldered to the board
	3V3	3V3	use a shared 3V3 for both IMU and buzzer module connected to the 3V3 at the left side
	GND	GND	use a shared GND for both IMU and buzzer module connected to the GND at the left side
Buzzer Module	I/O	Buzzer+ (GPIO 26)	desolder the existing buzzer on the board and solder the I/O of the new one to the + pad
	3V3	3V3	use a shared 3V3 for both IMU and buzzer module connected to the 3V3 at the left side
	GND	GND	use a shared GND for both IMU and buzzer module connected to the GND at the left side
Controller speed	TX	RX0	this pin TX0 will be used during upload code (with the FTDI), once finished uploading code you can connect it to the controller speed TX pin
	GND	GND	connected to a shared GND connection
FTDI	GND	GND	
	3V3	3V3	FTDI have a jumper to switch between 5V & 3V3
	TX	RX0	Should be disconnected after uploading code, for the controller speed pin
	RX	TX0	
	DTR	DTR	
	RTS	RTS	

How IMU (MPU9250) should be placed

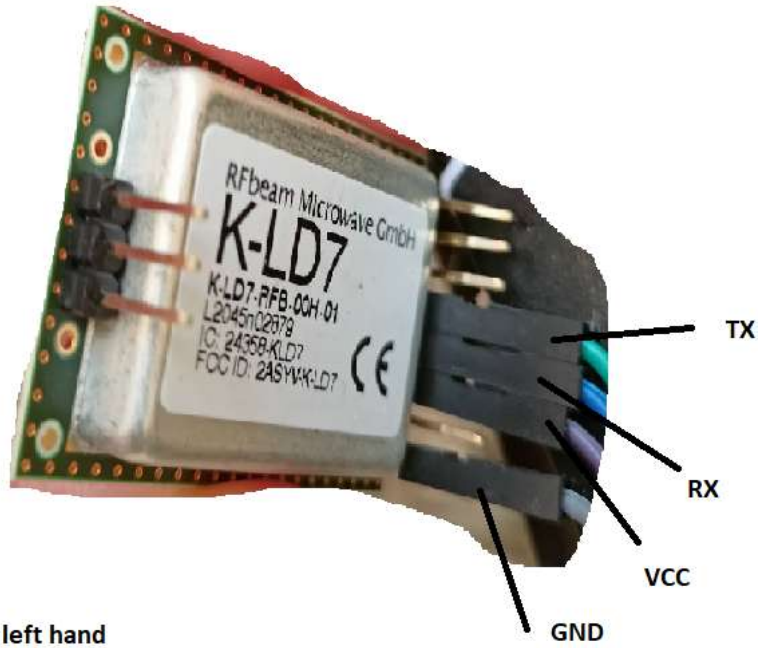
This face should face up side



This face should face down side (floor)

*Mounting holes are in the back side and GPIO in the front side

How to mount Radar



***The side that contains 3 pins should be placed on the side of rider left hand**
***The side that contains 8 pins should be placed on the side of rider right hand**