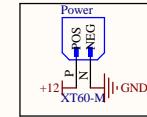
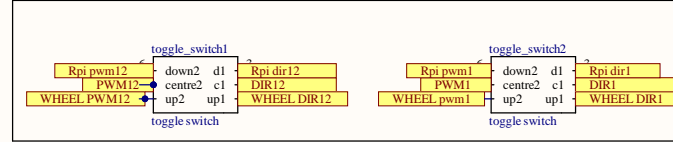
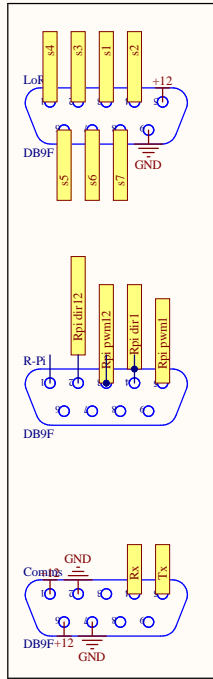


A

A

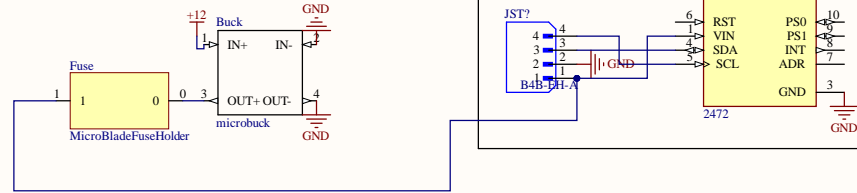
### Toggle Switches\_Rpi-to-ESP



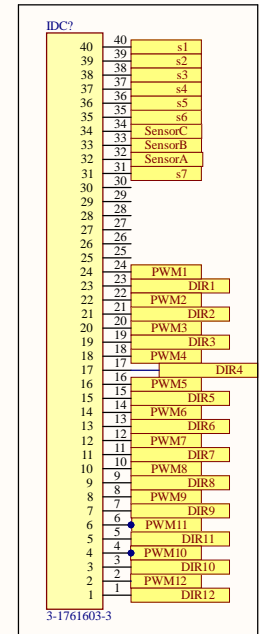
B

B

### BNO055 node



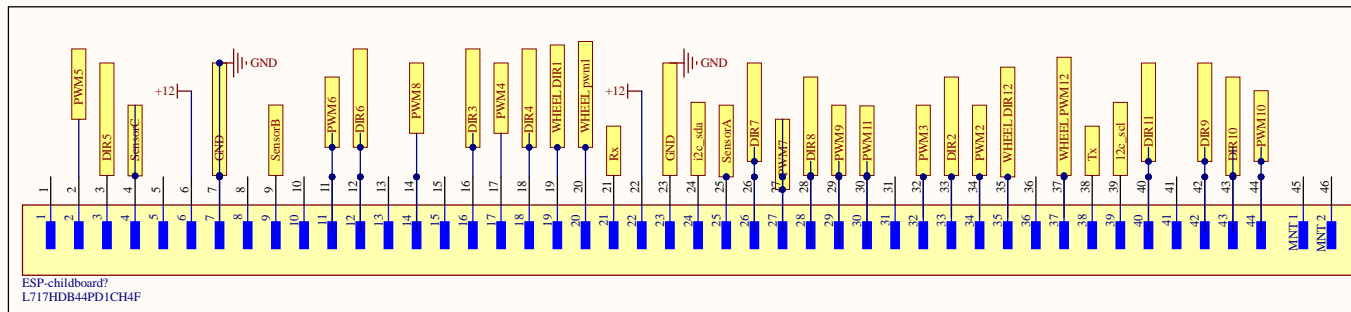
### ESP-32-DevkitBoard



C

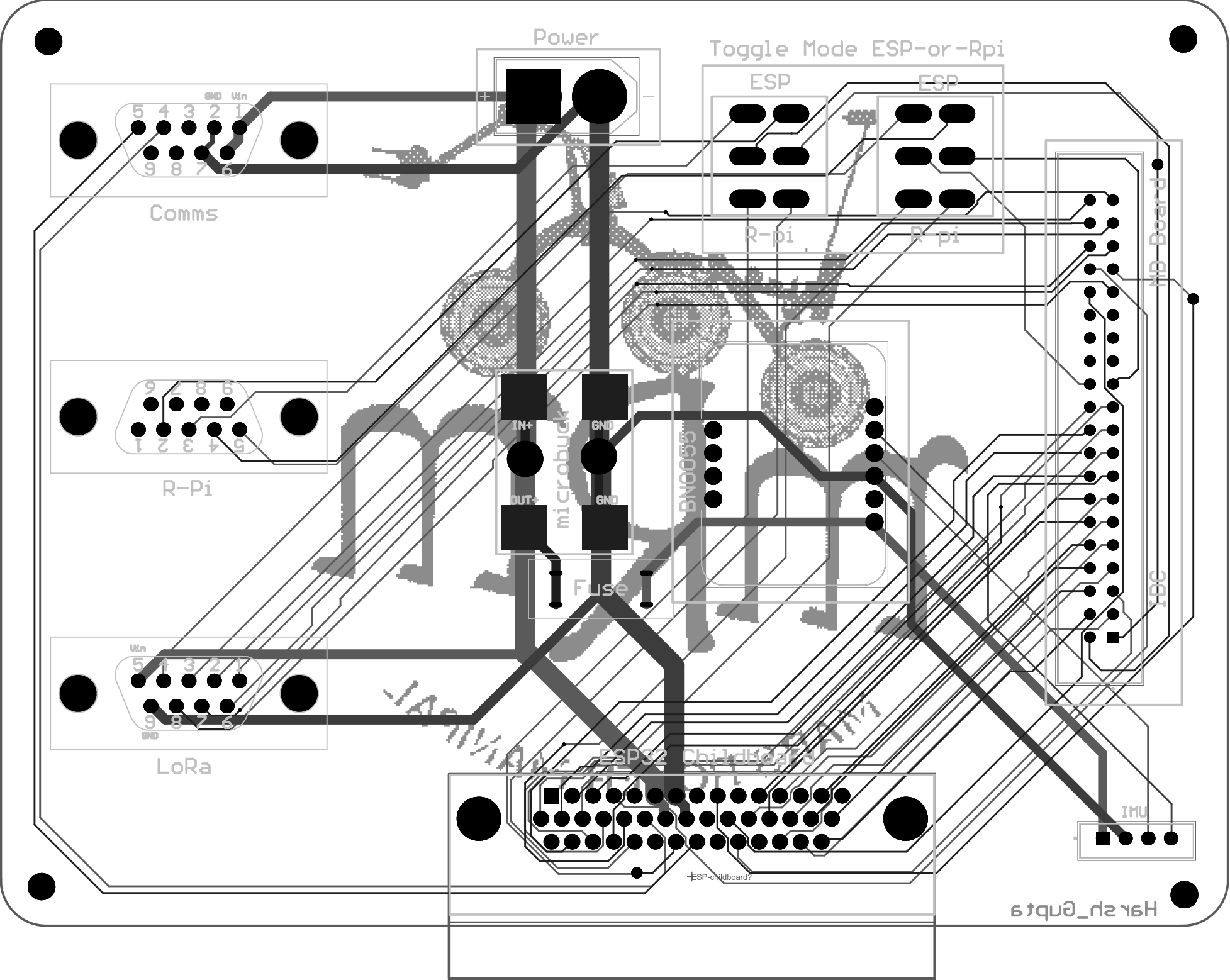
C

### ESP-32-DevkitBoard



D

D



Power

Toggle Mode ESP-or-Rpi

Comms

R-Pi

LoRa

ESP

ESP

R-pi

R-pi

IN+

GND

OUT+

GND

Fuse

BN0035

ESP32 Childboard?

HD Board

IMU

IMU

Hartshorn

Comment	Description	Designator	Footprint	LibRef	Quantity
2472	Adafruit 9-DOF Absolute Orientation IMU Fusion Breakout - BNO055   Adafruit Industries 2472	BNO055	MODULE_2472	2472	1
microbuck		Buck	Micro buck	microbuck	1
DB9F	Adapter Connector D-Sub, 9 Pin Female To Modular, Female Jack, 8p8c _RJ45_ Beige	Comms, LoRa, R-Pi	D-09F	DB9F	3
L717HDB44PD1CH4F	CONN DSUB HD PLUG 44POS R/A SLDR	ESP-childboard?	FP-L717HDB44PD1CH4F-MFG	CMP-02362-000001-1	1
MicroBladeFuseHolder		Fuse		MicroBladeFuseHolder	1
3-1761603-3	AMP-LATCH 40 Position 2.54 mm Dual Row Through-Hole Straight Pin Header	IDC?	TE_3-1761603-3	3-1761603-3	1
B4B-EH-A	Connector Header Through Hole 4 position 0.098 (2.50mm)	JST?	JST_B4B-EH-A	B4B-EH-A	1
XT60-M	Plug; DC supply; XT60; male; PIN: 2; for cable; soldered; 30A; 500V	Power	AMASS_XT60-M	XT60-M	1
toggle switch		toggle_switch1, toggle_switch2	toggle switch	toggle switch	2