UTILITY REMOTE

Power Unit
File: power_supply.kicad_sch

5v Buck
File: buck.kicad_sch

LORA SX1278 RA-02
U11 Ai-Thinker-Ra-02
U12 Ai-Thinker-Ra-02

SOC
SoC1
File: soc.kicad_sch

Rasp 5 Board
U2 RASPBERRY_PI_5

ADC I2C
J2
J3

UART Rasp-Port
J26

5V Switch
SW7 SW_SPDT

4S Switch
SW8 SW_SPDT

MPU-6050
U13 MPU-6050

ICSP
J6
J32
J33

5V POWER IN
J25 XT60-M
J24

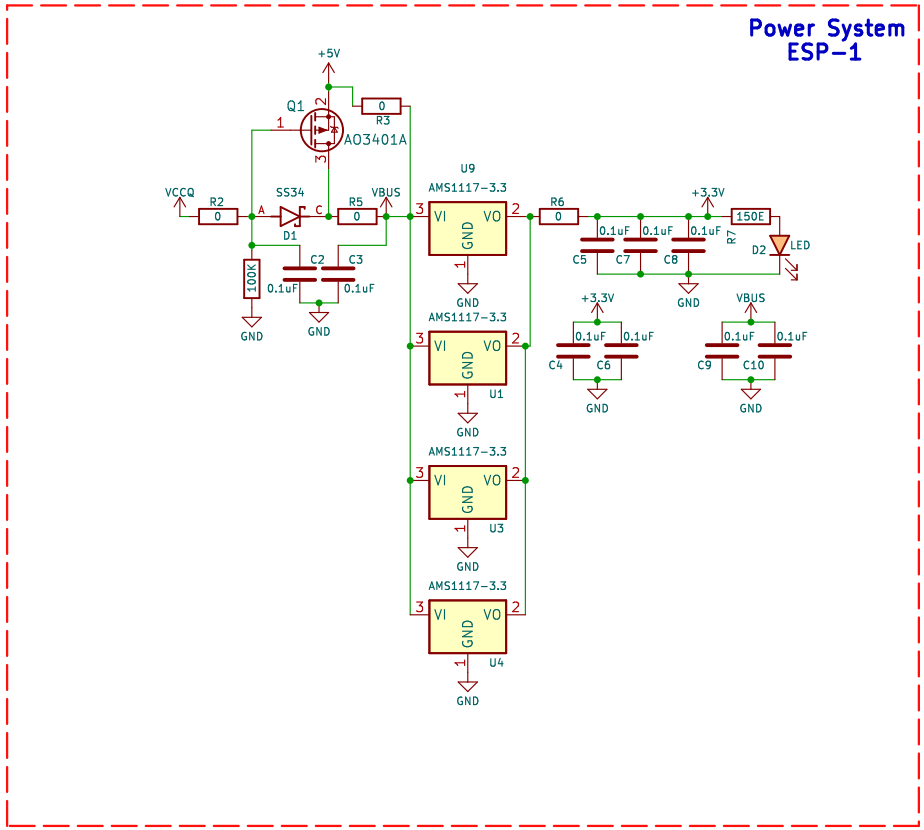
Joystick Connector
J4 Xaxis J1
J7 Xaxis J2
J8 Xaxis J3
J9 Xaxis J4
J10 Yaxis J1
J11 Yaxis J2
J12 Yaxis J3
J13 Yaxis J4

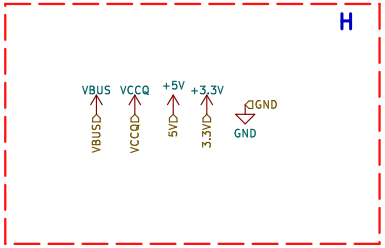
Buzzer Indicator
D7 1N4148
LS1 CMT-8535S-SMT
Q4 BC847

Mode
J28 Mode1
J29 Mode3
J30 Mode2
J31 Mode4

Dharma_RoboFest	
Sheet: /	
File: remote_v2.kicad_sch	
Title: Remote_V2	
Size: A4	Date: 2024-11-27
KiCad E.D.A. kicad 7.0.10	Rev: V2
	Id: 1/4

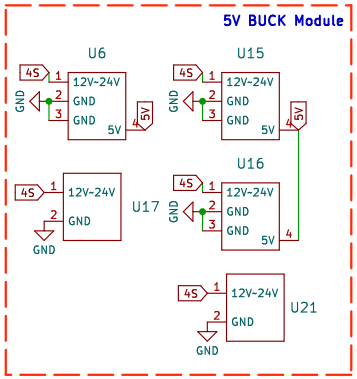
POWER UNIT

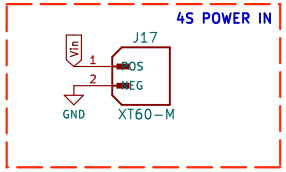


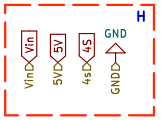


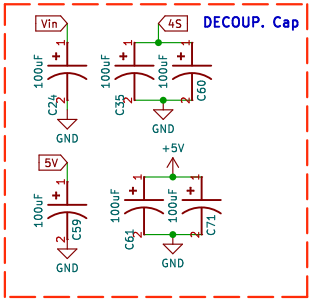
KRS_Dharma_bot		
Sheet: /Power Supply/		
File: power_supply.kicad_sch		
Title: USB-Power unit		
Size: A4	Date: 2024-11-28	**Rev: V2**
KiCad E.D.A. kicad 7.0.10		Id: 2/4

BUCK POWER UNIT



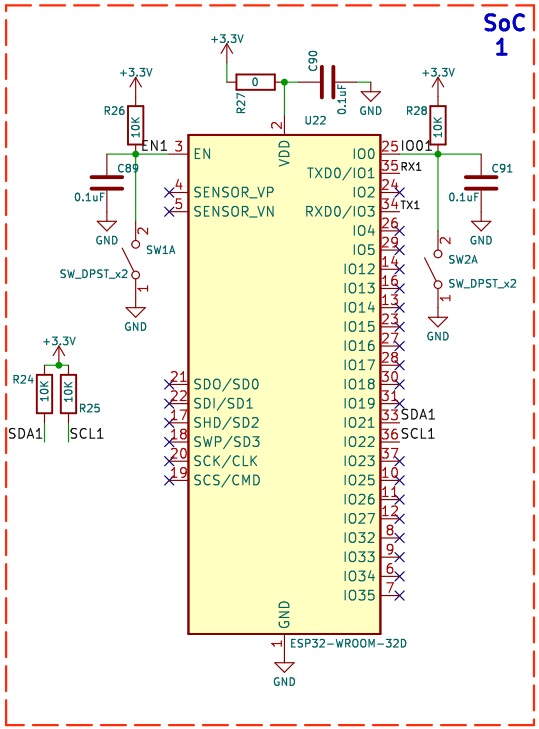


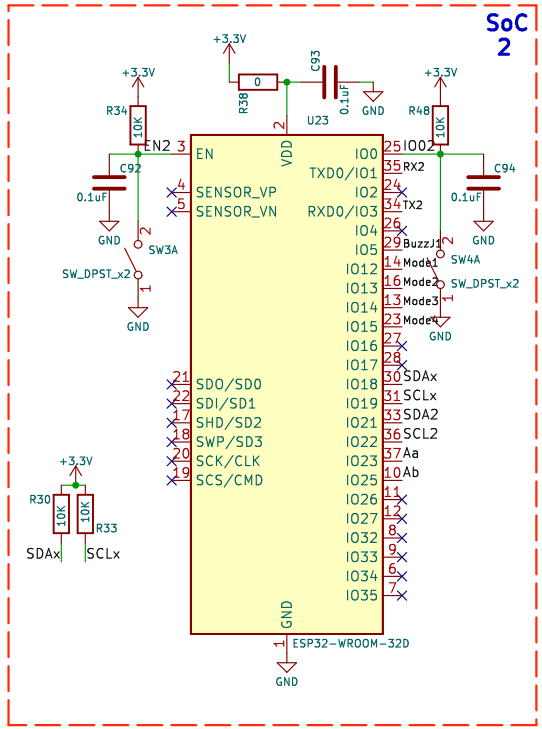


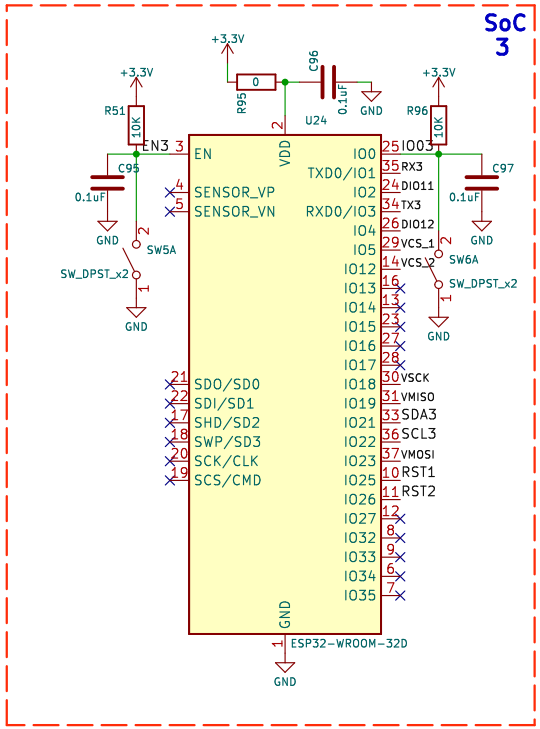


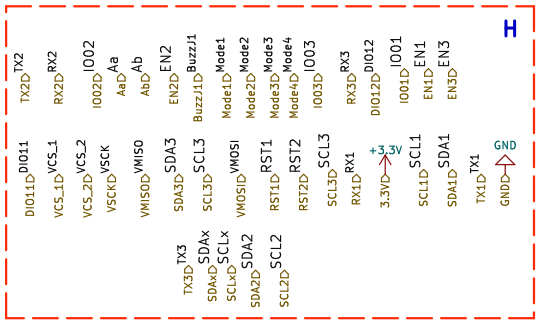
KRS		
Sheet: /5v-buck1/		
File: buck.kicad_sch		
Title: Power Unit-Utilty Remote		
Size: A4	Date: 2024-11-28	**Rev: V2**
KiCad E.D.A. kicad 7.0.10		Id: 4/4

ESP 32









Dharma Bot KRS

Sheet: /SoC1/

File: soc.kicad_sch

Title: SoC_RemoteV2

Size: A4	Date: 2024-11-28	**Rev: V3**
KiCad E.D.A. kicad 7.0.10		Id: 6/4