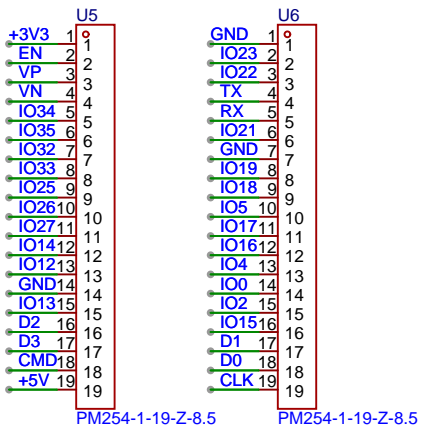


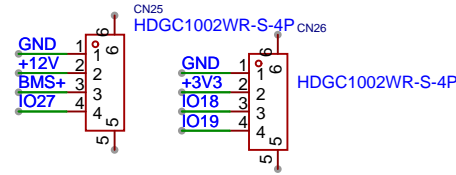
# rovi controller V2

esp32 connection

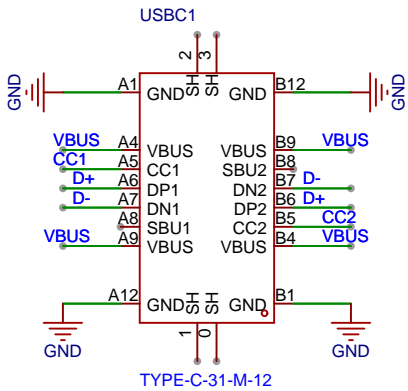


UPGRADES:  
use TPA3138D2 as audio  
esp32 on pcb

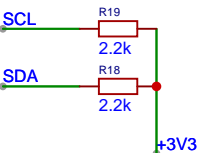
extra connections



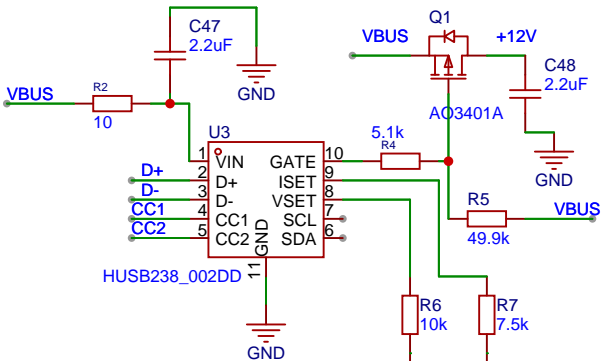
USB C



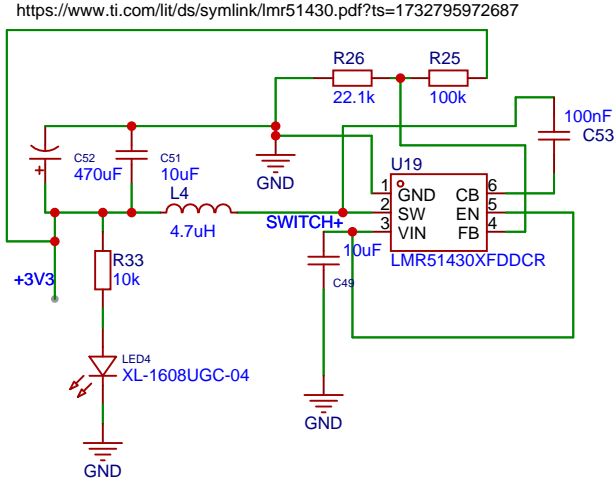
I2C pull up



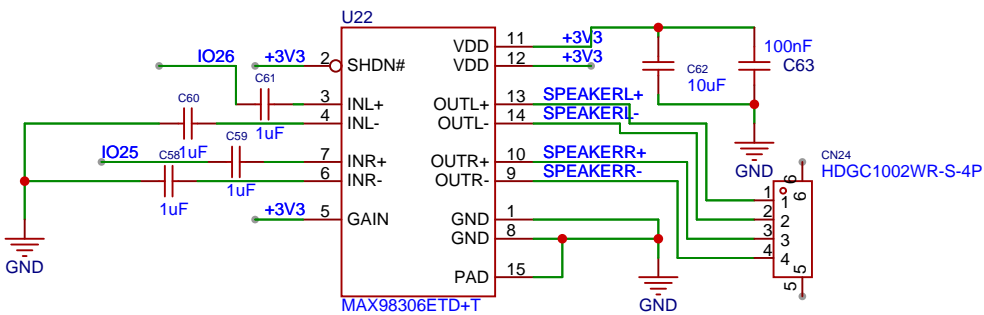
PD chip



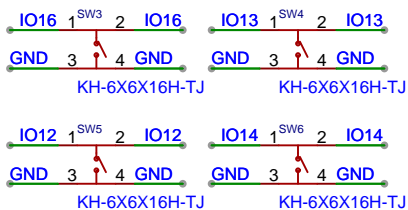
3.3v dc-dc



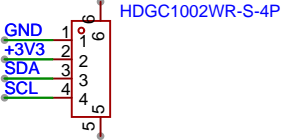
stereo speakers amplifier



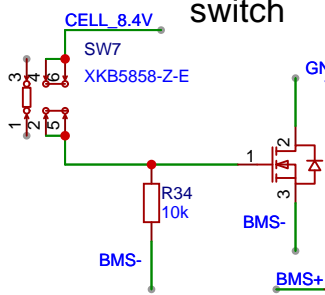
buttons



oled display conection



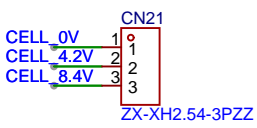
switch



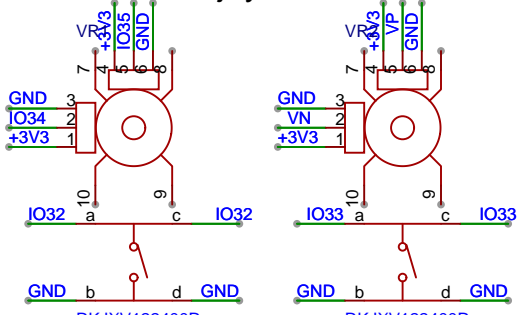
bms part 1

[https://www.hycontek.com/wp-content/uploads/DS-HY2120\\_EN.pdf](https://www.hycontek.com/wp-content/uploads/DS-HY2120_EN.pdf)

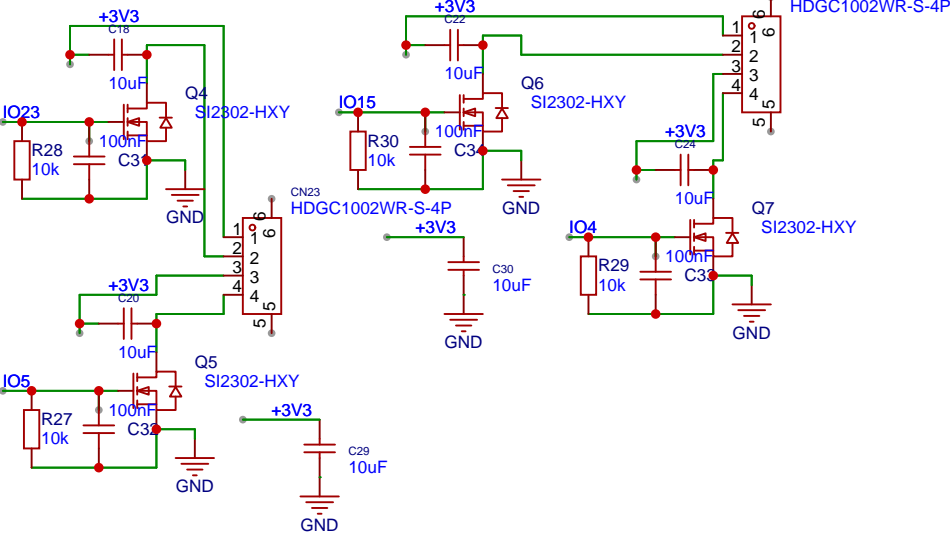
bms connection



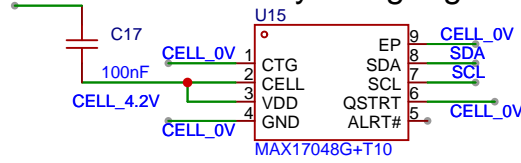
2x joystick



4x mosfet 5v 3a connection



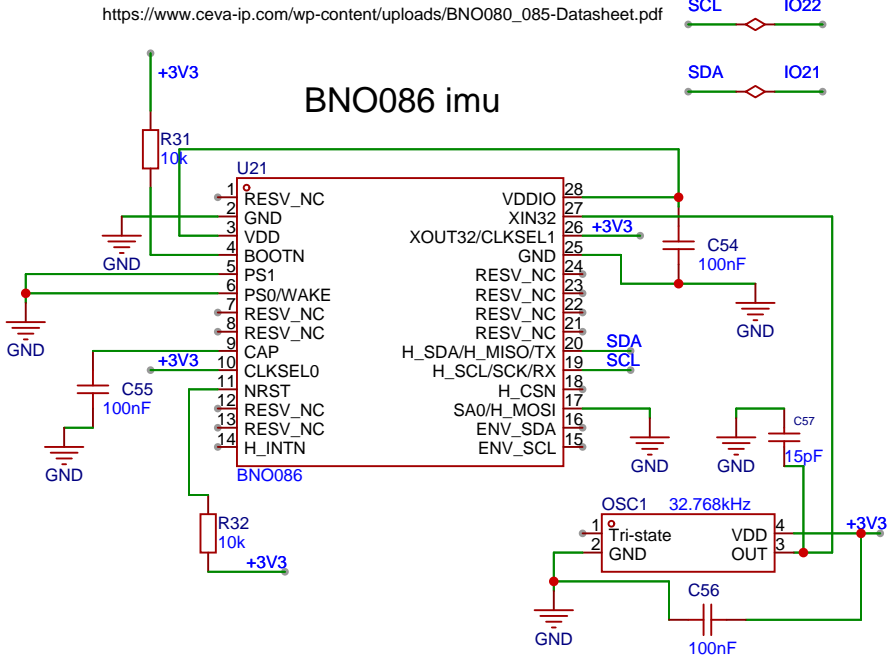
battery fuel gauge




bms part 2

[https://www.hycontek.com/wp-content/uploads/DS-HY2213\\_EN.pdf](https://www.hycontek.com/wp-content/uploads/DS-HY2213_EN.pdf)

BNO086 imu



Schematic	Schematic2			Update Date	2025-02-05
				Create Date	2024-11-28
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Reviewed	EasyEDA				
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