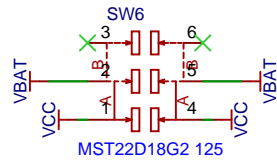
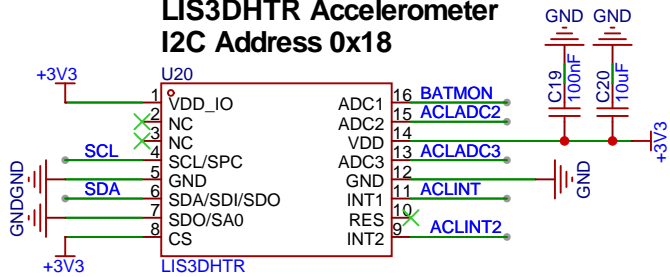


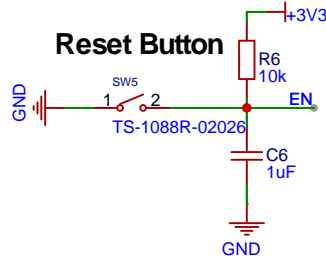
Power Switch



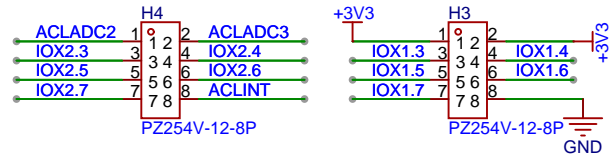
LIS3DHTR Accelerometer I2C Address 0x18



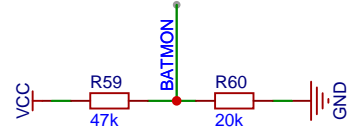
Reset Button



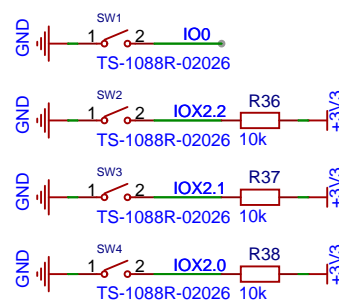
Expansion Headers



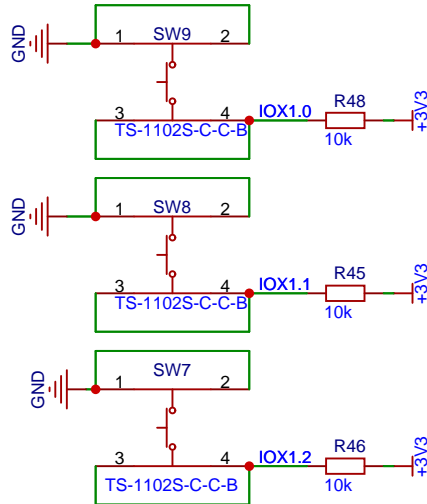
Battery Monitor



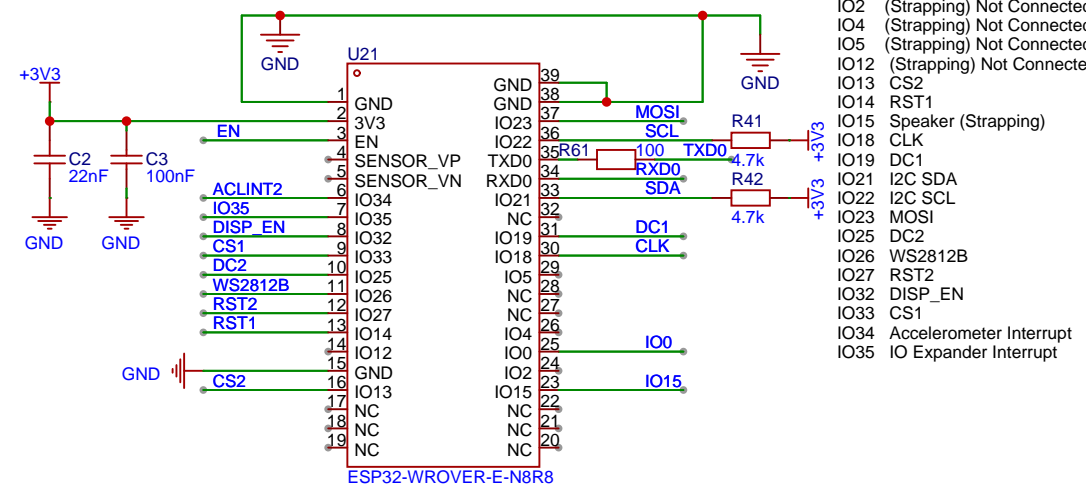
Boot/Function Buttons



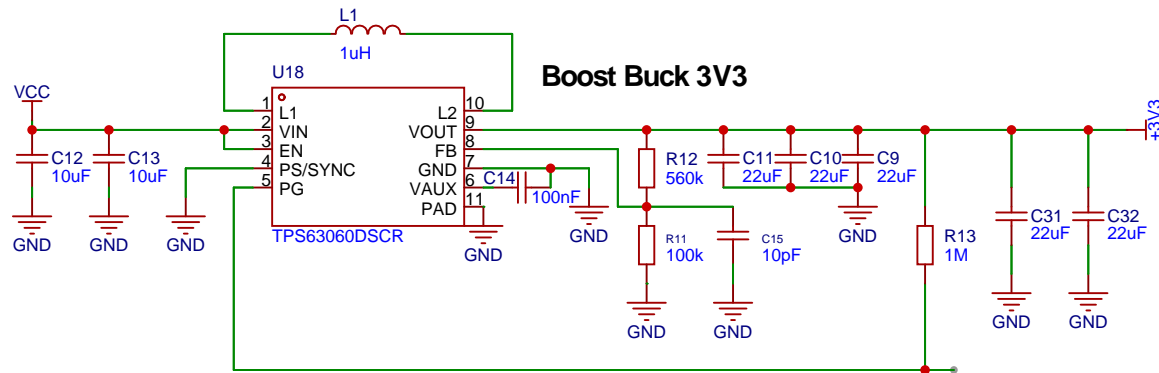
Game Buttons



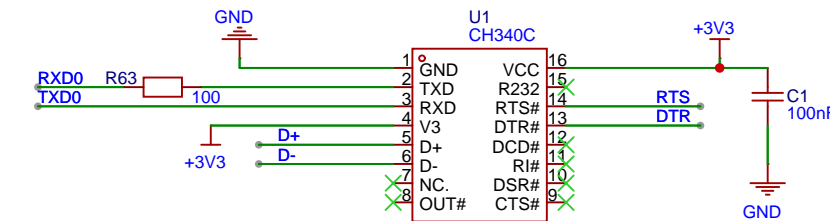
ESP32-WROVER-E-N8R8



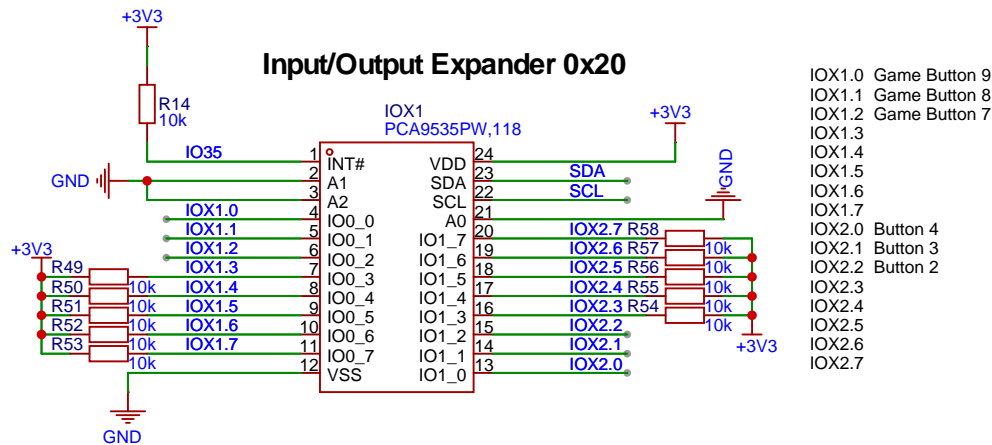
Boost Buck 3V3



USB-Serial

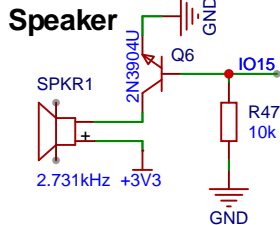


Input/Output Expander 0x20

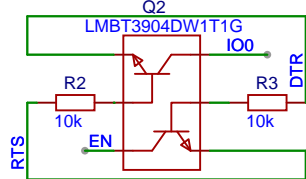


IOX1.0 Game Button 9
IOX1.1 Game Button 8
IOX1.2 Game Button 7
IOX1.3
IOX1.4
IOX1.5
IOX1.6
IOX1.7
IOX2.0 Button 4
IOX2.1 Button 3
IOX2.2 Button 2
IOX2.3
IOX2.4
IOX2.5
IOX2.6
IOX2.7

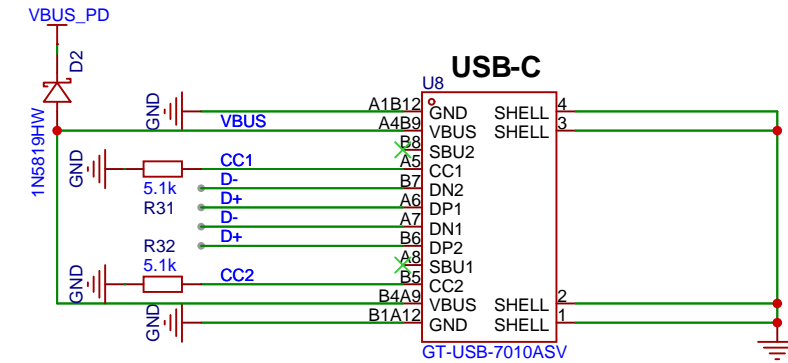
Speaker



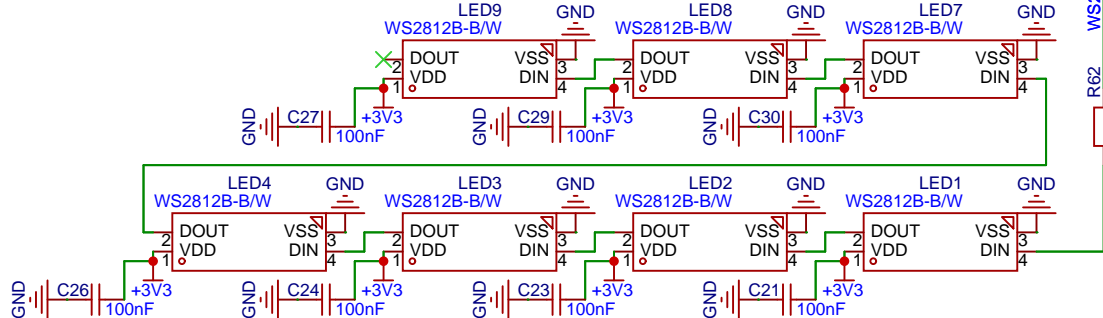
RTS/DTR Circuit



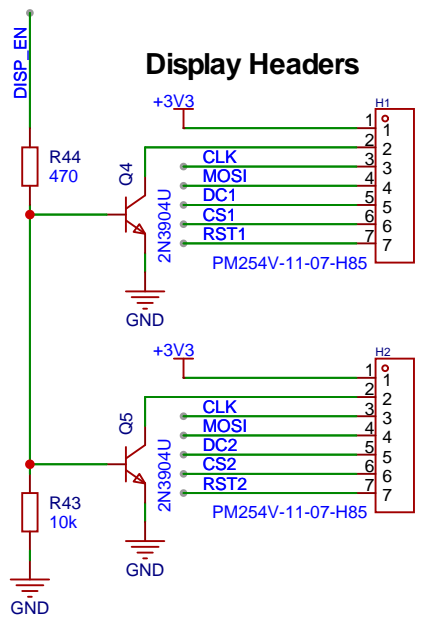
USB-C



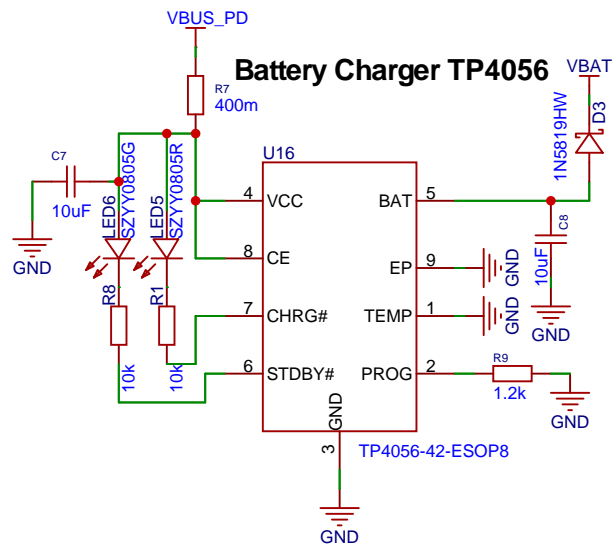
WS2812B



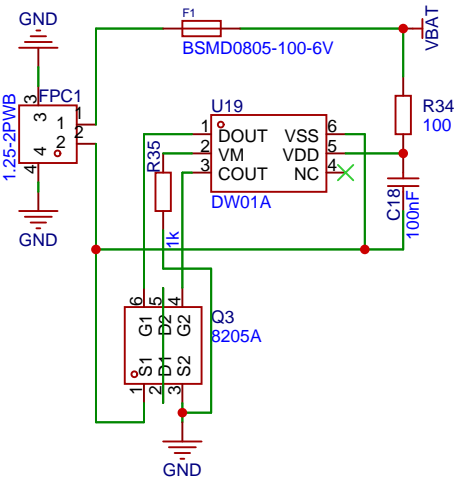
Display Headers



Battery Charger TP4056



DW01A Battery Protection



Schematic	Schematic1_4		Create at	2025-04-07
Board	Ordered 4-8-2025 V4		Update at	2025-05-26
Drawn			Page	P1
Reviewed			BSides Tag 2	
		Version	Size	Page 1 Total 1
EasyEDA		V4.0	A4	GigTel / Brett Gilsinger