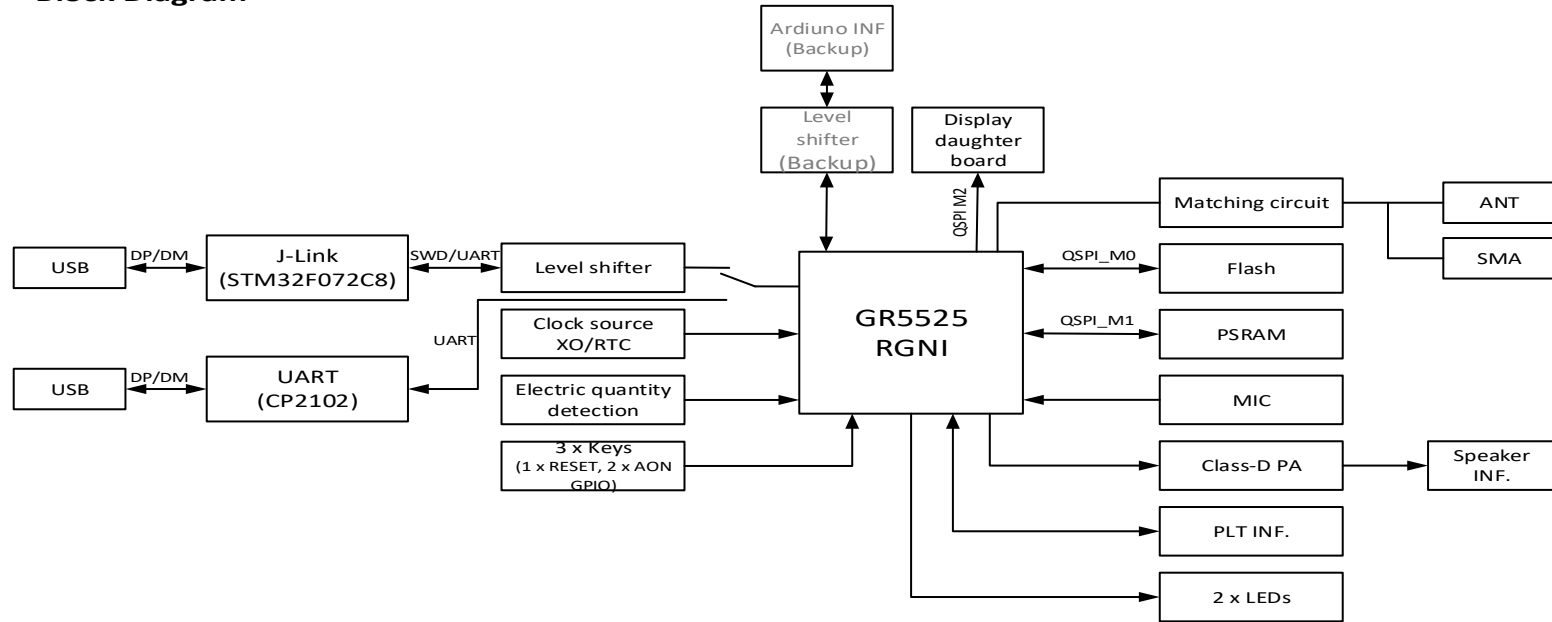
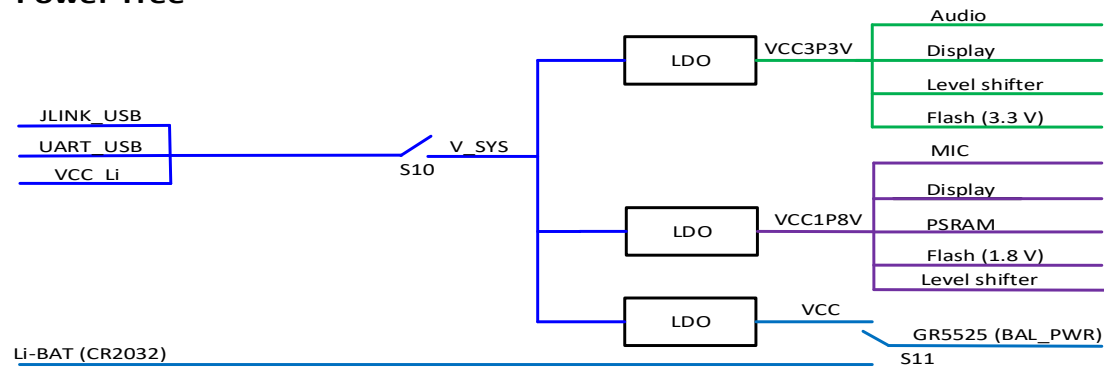


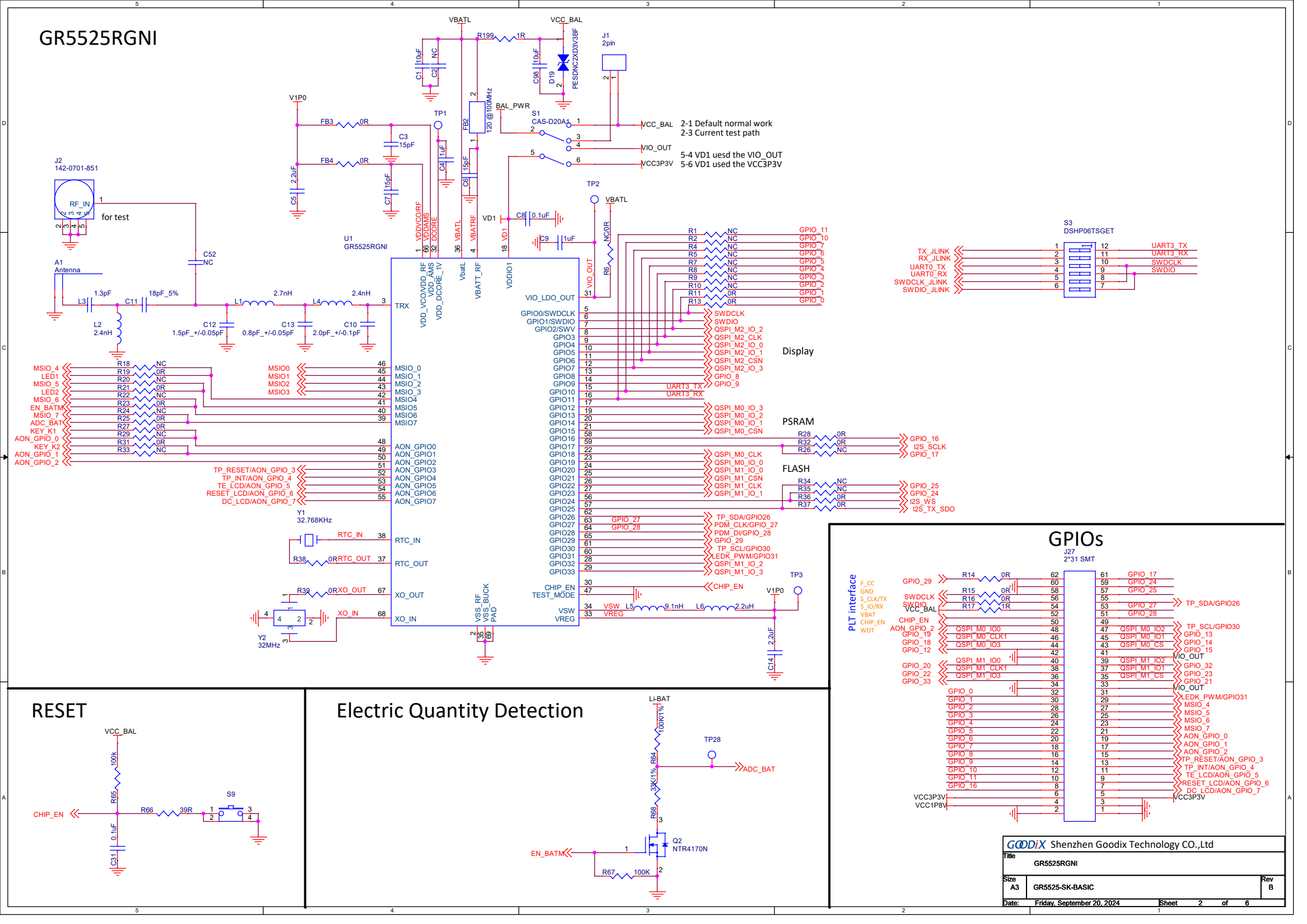
Block Diagram



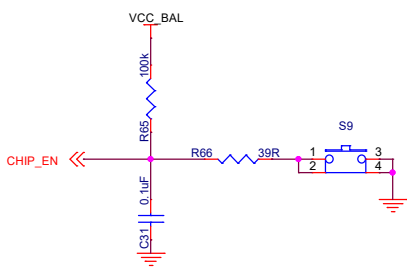
Power Tree



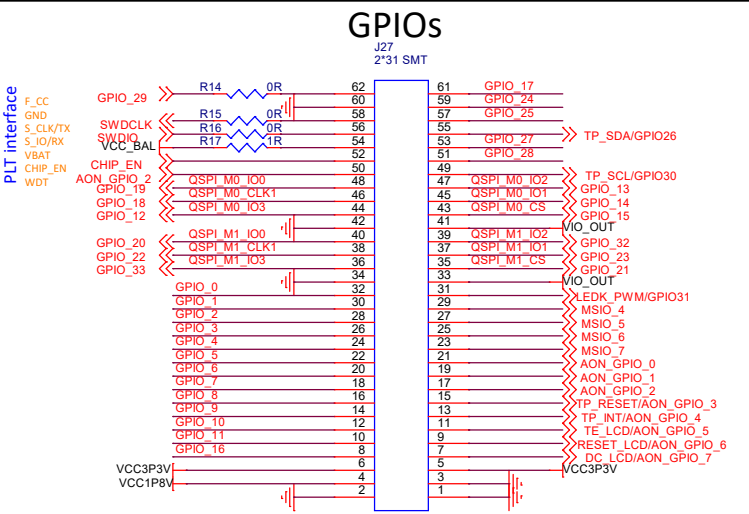
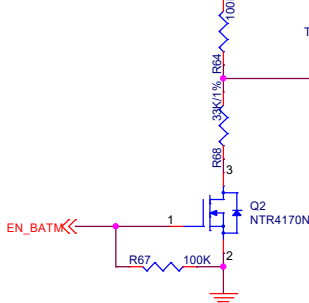
GR5525RGNI



RESET

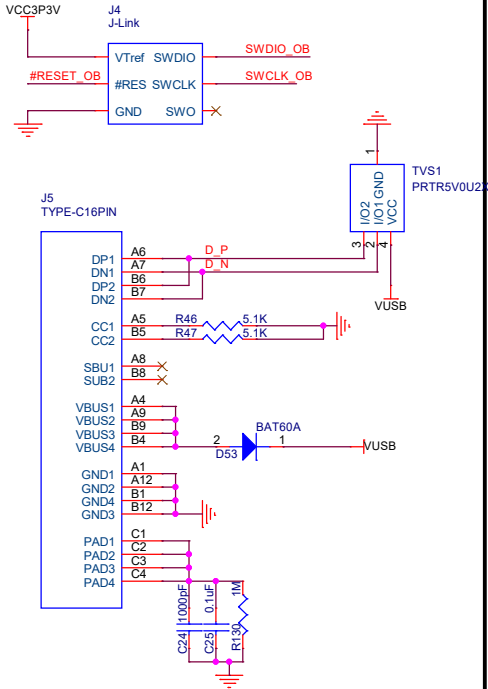


Electric Quantity Detection

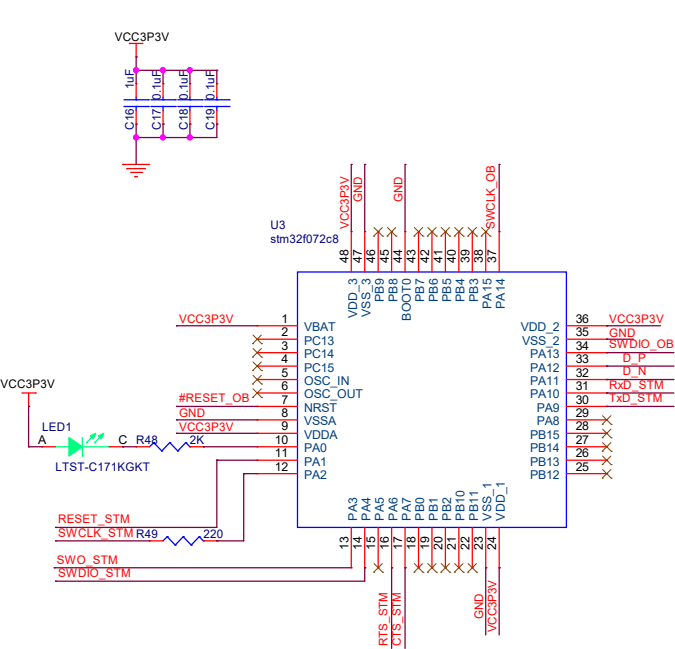


GOODIX Shenzhen Goodix Technology CO.,Ltd				
Title				
GR5525RGNI				
Size	GR5525-SK-BASIC			Rev B
A3				
Date: Friday, September 20, 2024		Sheet 2 of 6		

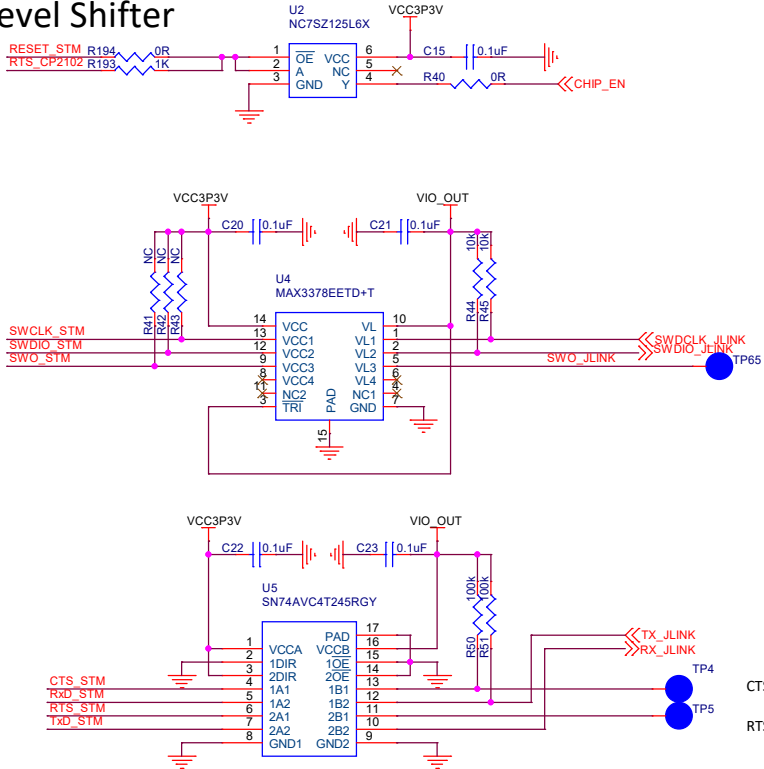
USB Port (for J-Link&UART)



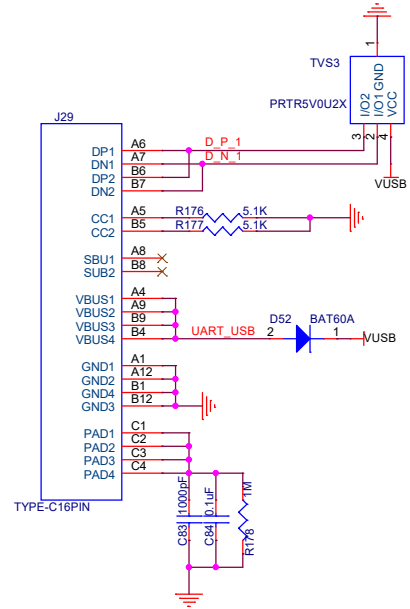
STM32



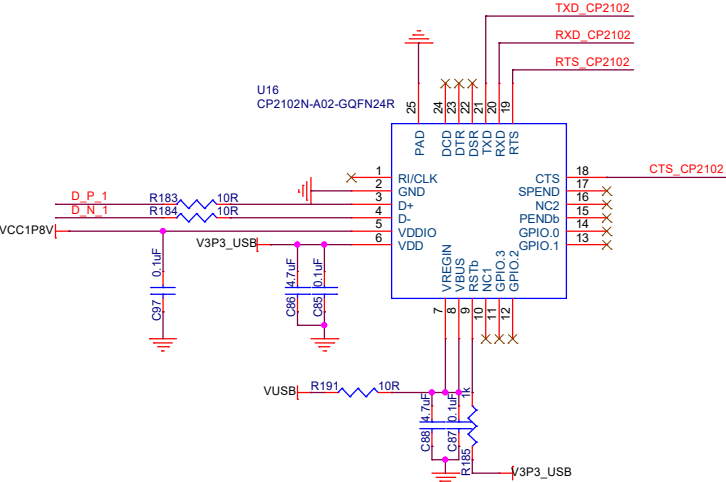
Level Shifter



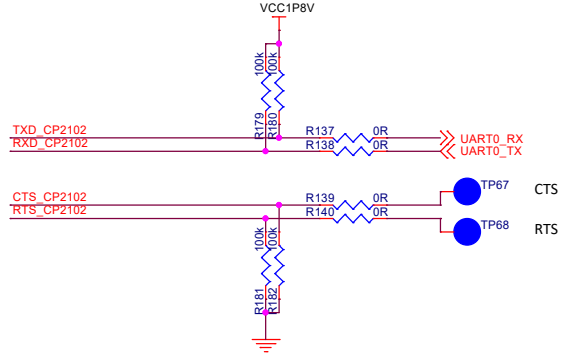
USB Port (for UART Backup)



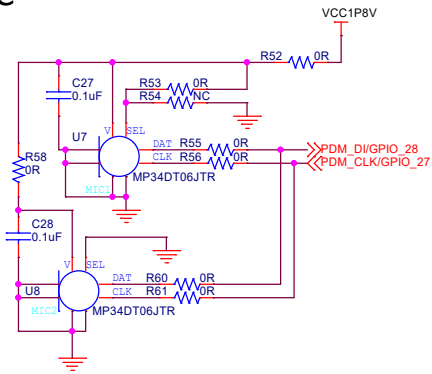
CP2102



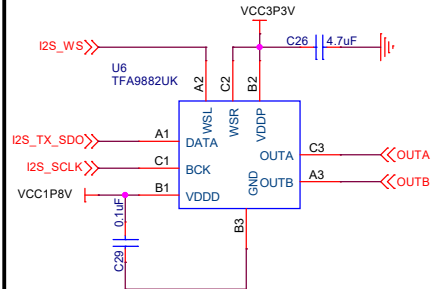
CP2102 Interface



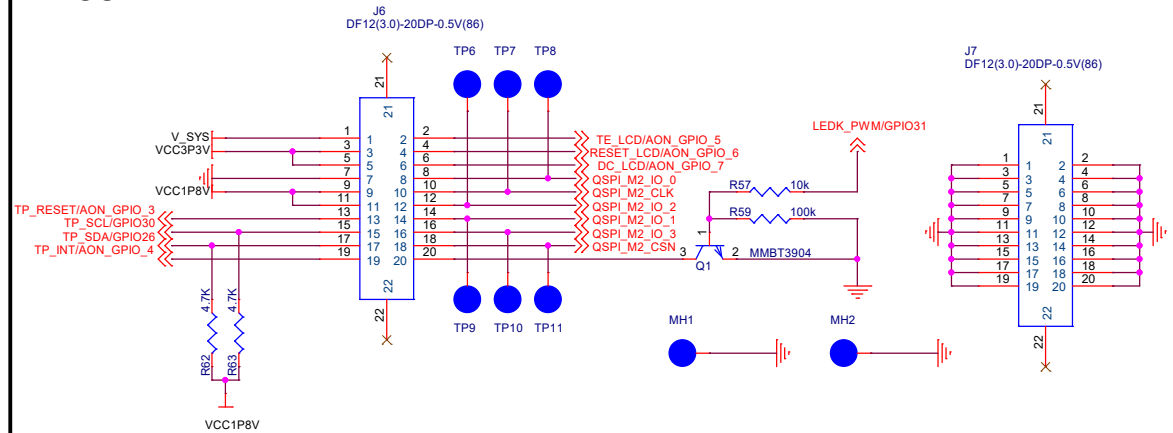
MIC



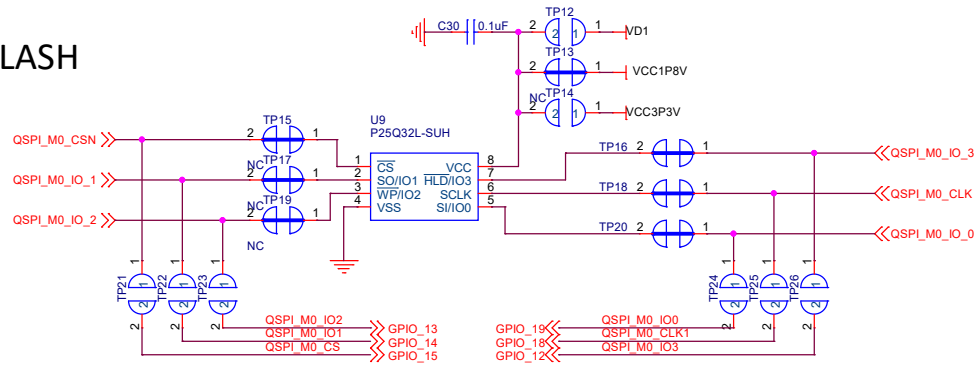
Class D PA



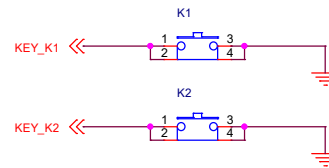
SCREEN



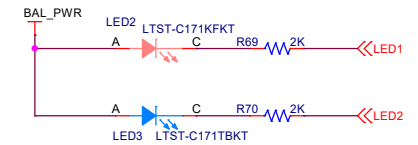
FLASH



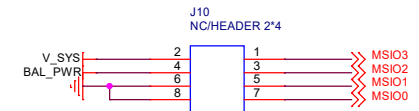
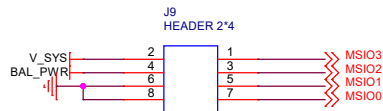
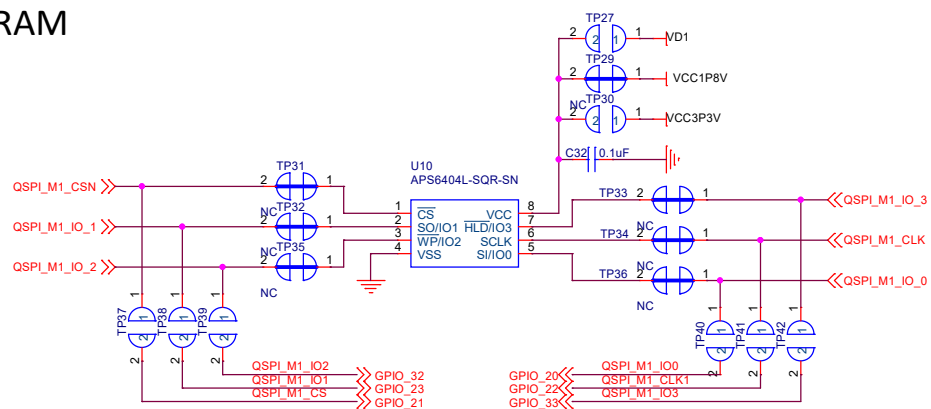
KEYs



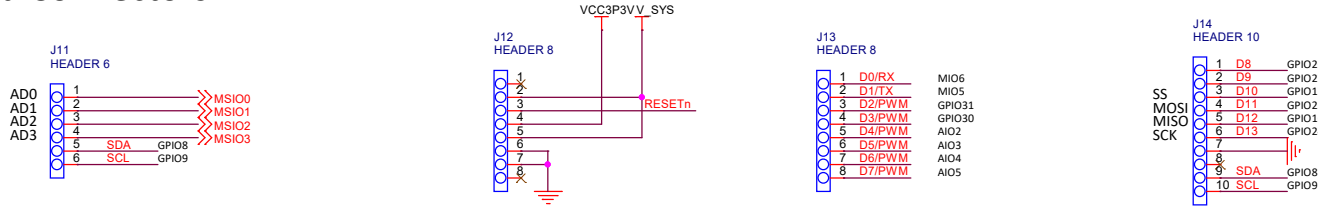
LEDs



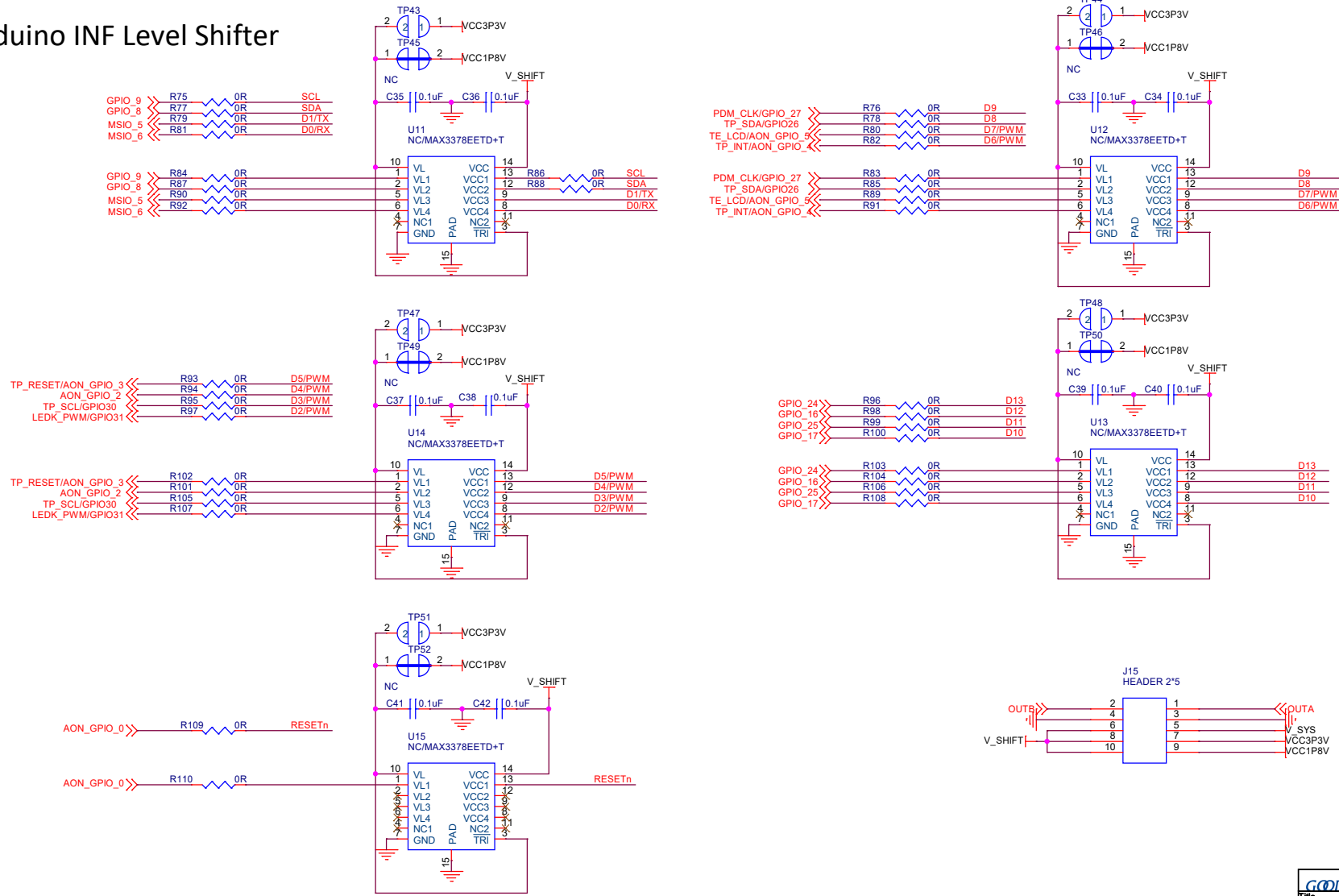
PSRAM

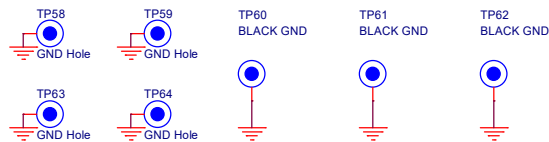
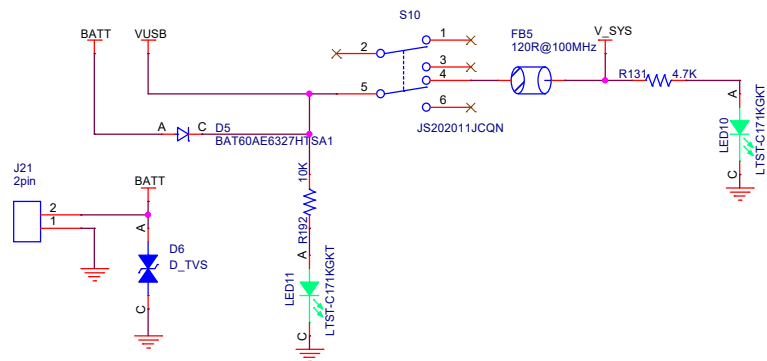


Arduino Uno Shield Connectors

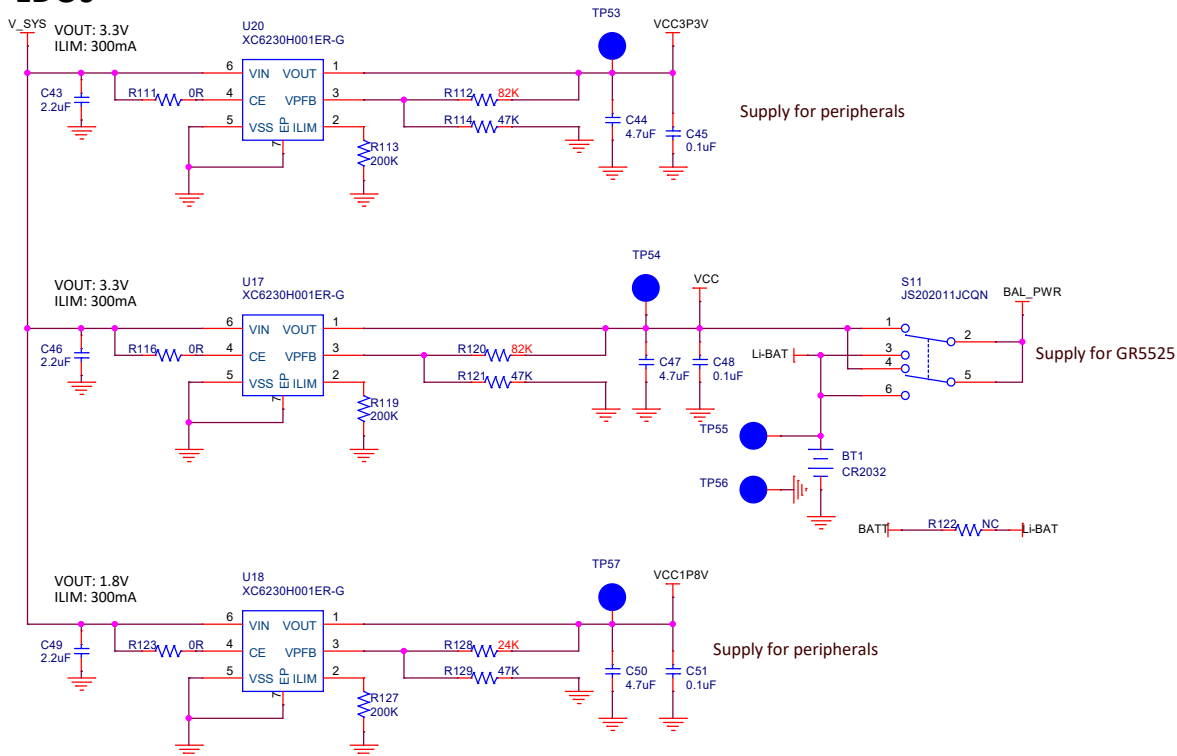


Arduino INF Level Shifter

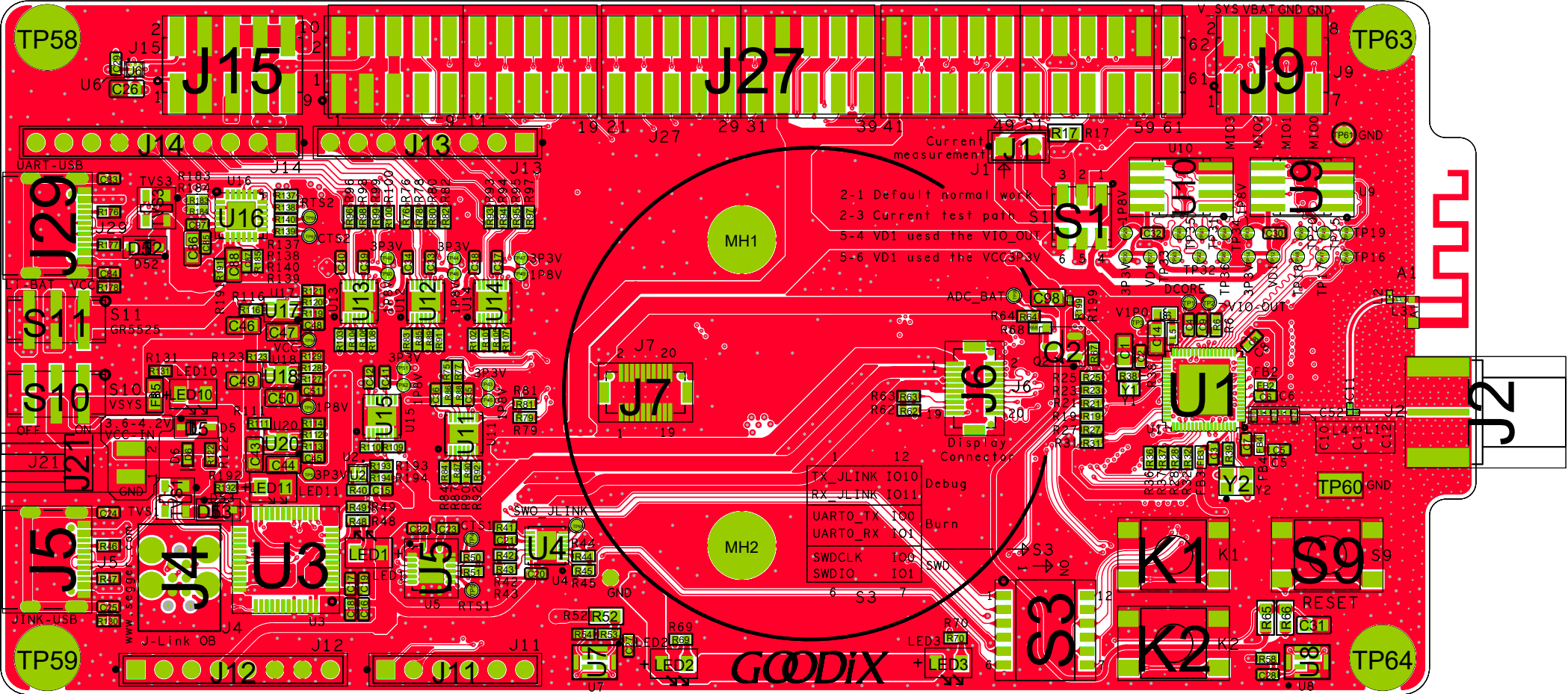




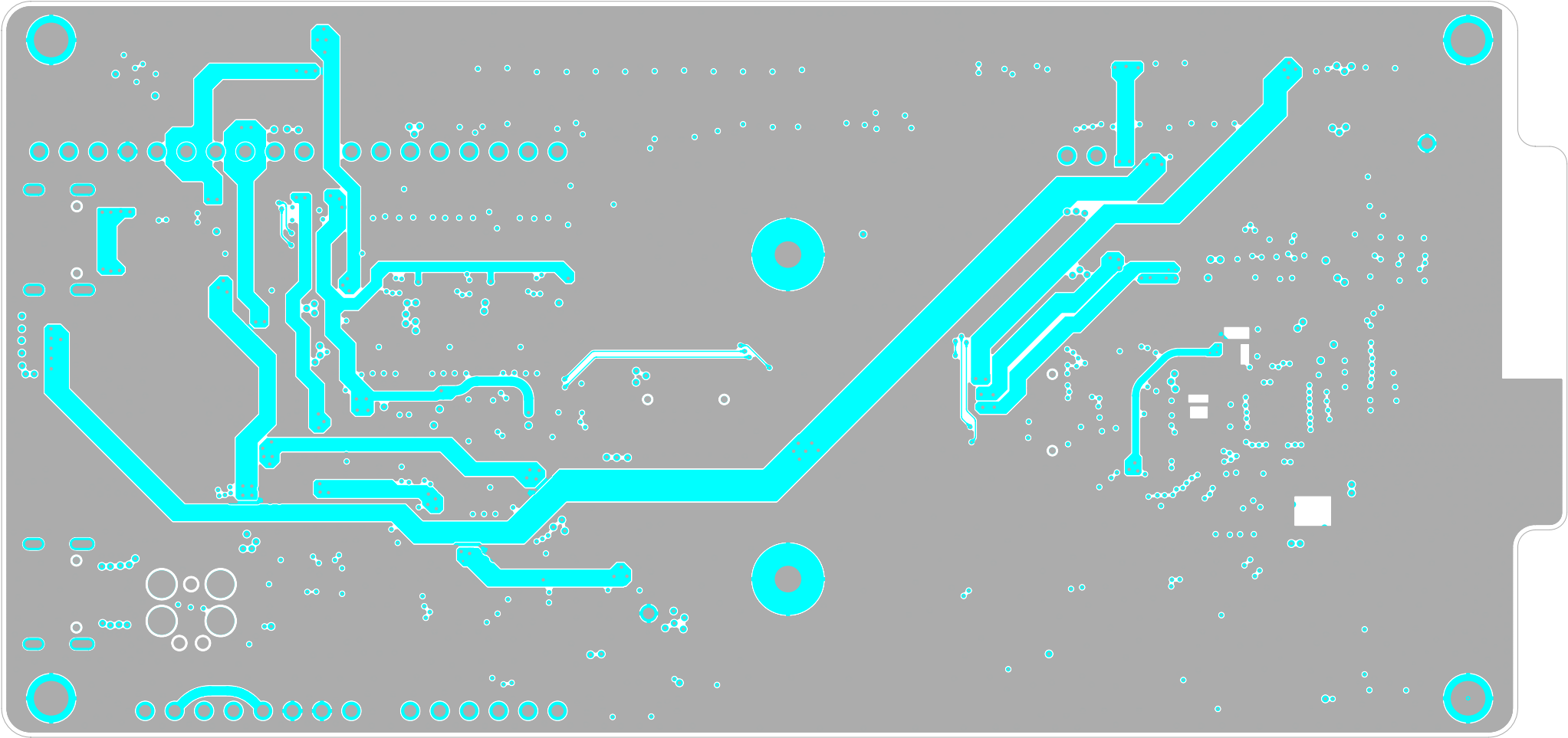
LDOs



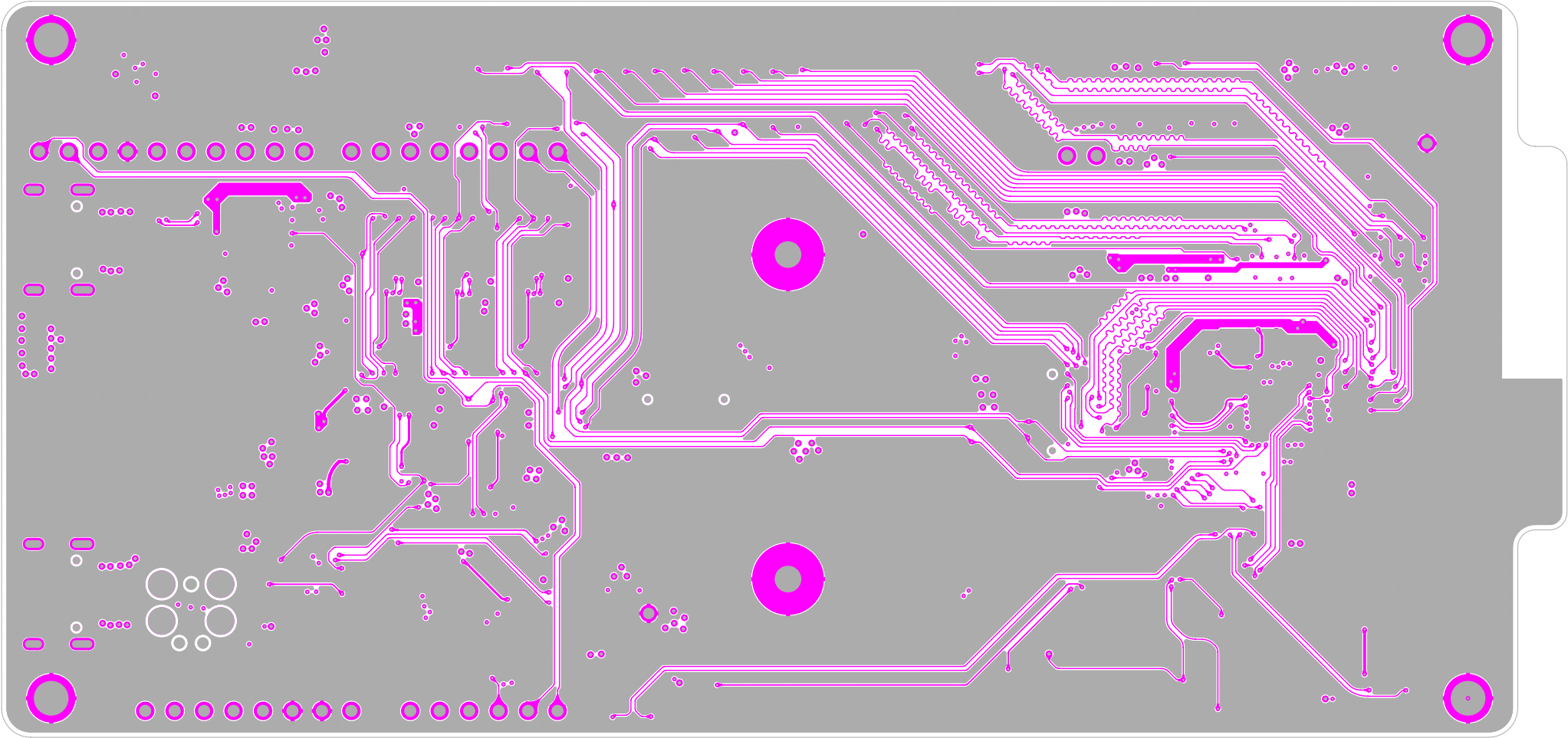
1. Layer 1 (Top)



2. Layer 2



3. Layer 3



4. Layer 4 (Bottom)

