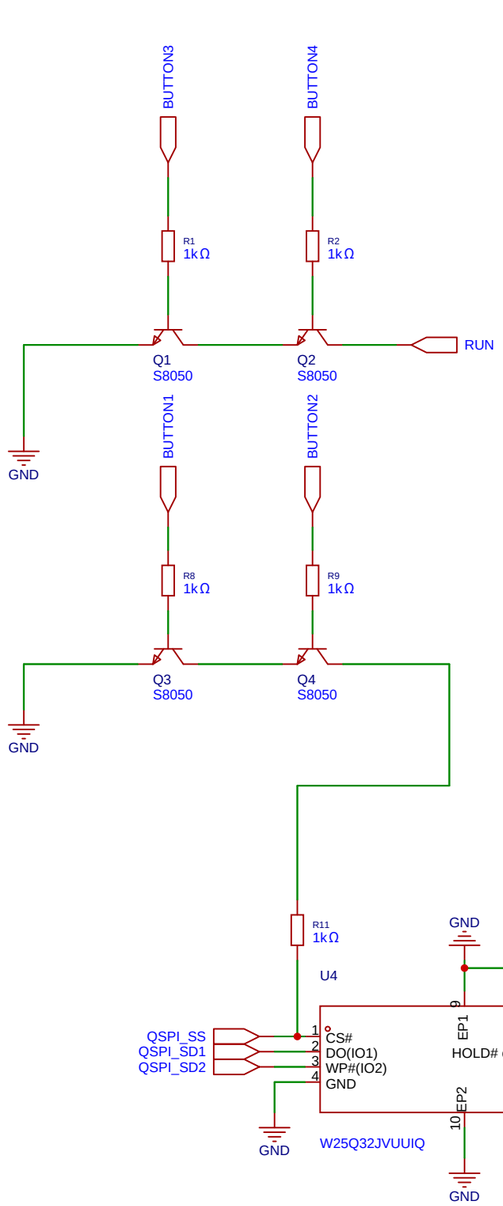
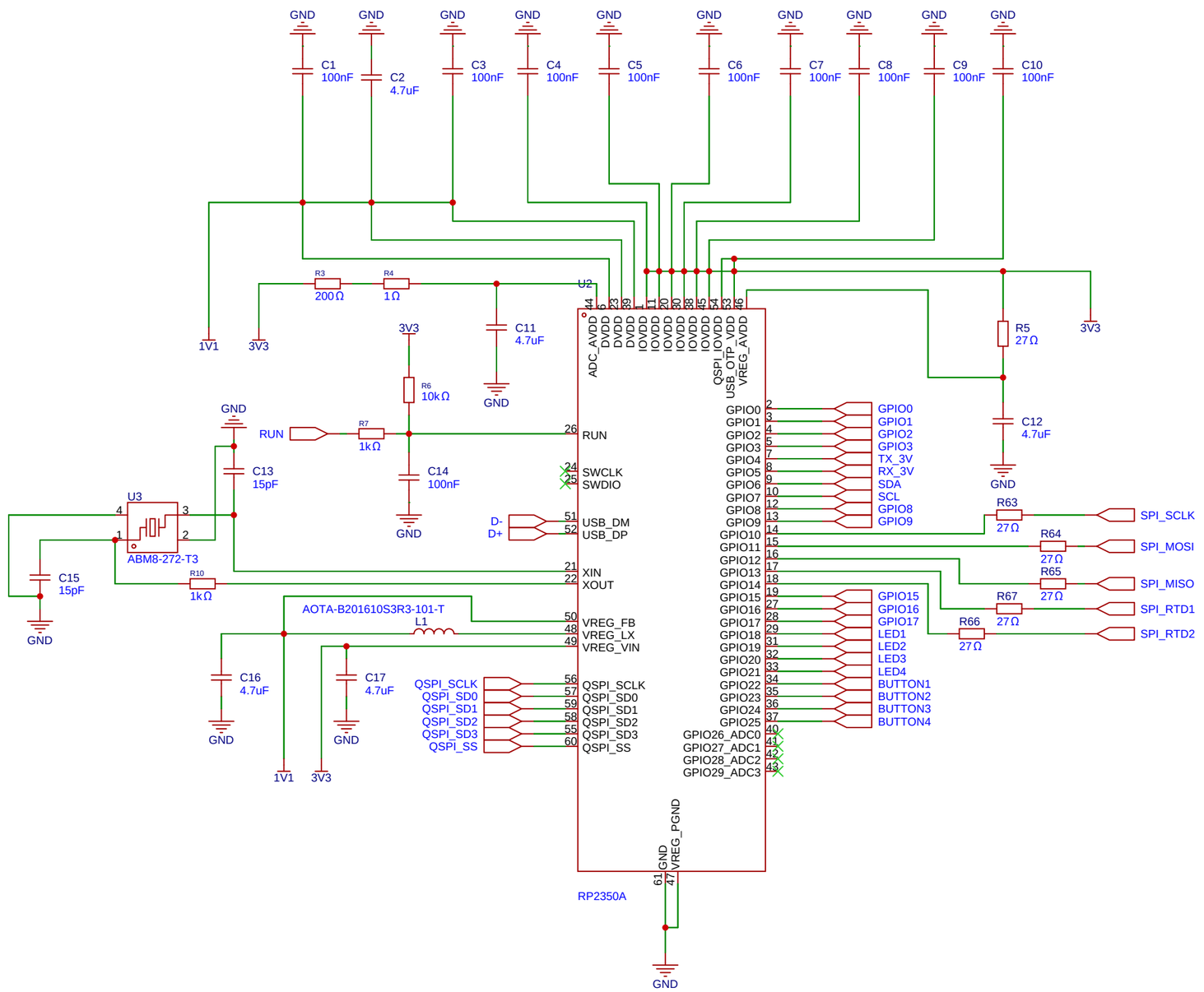
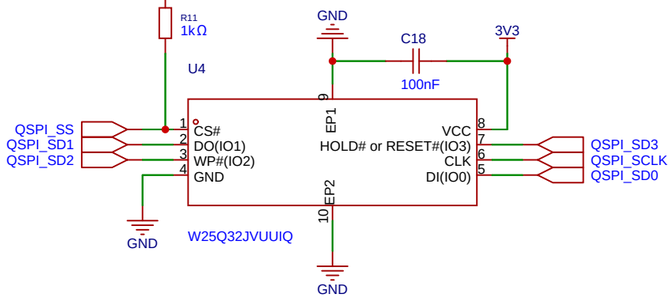
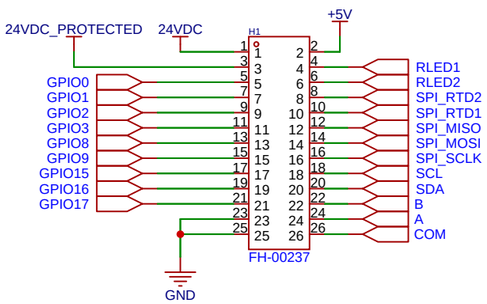
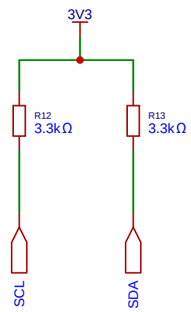


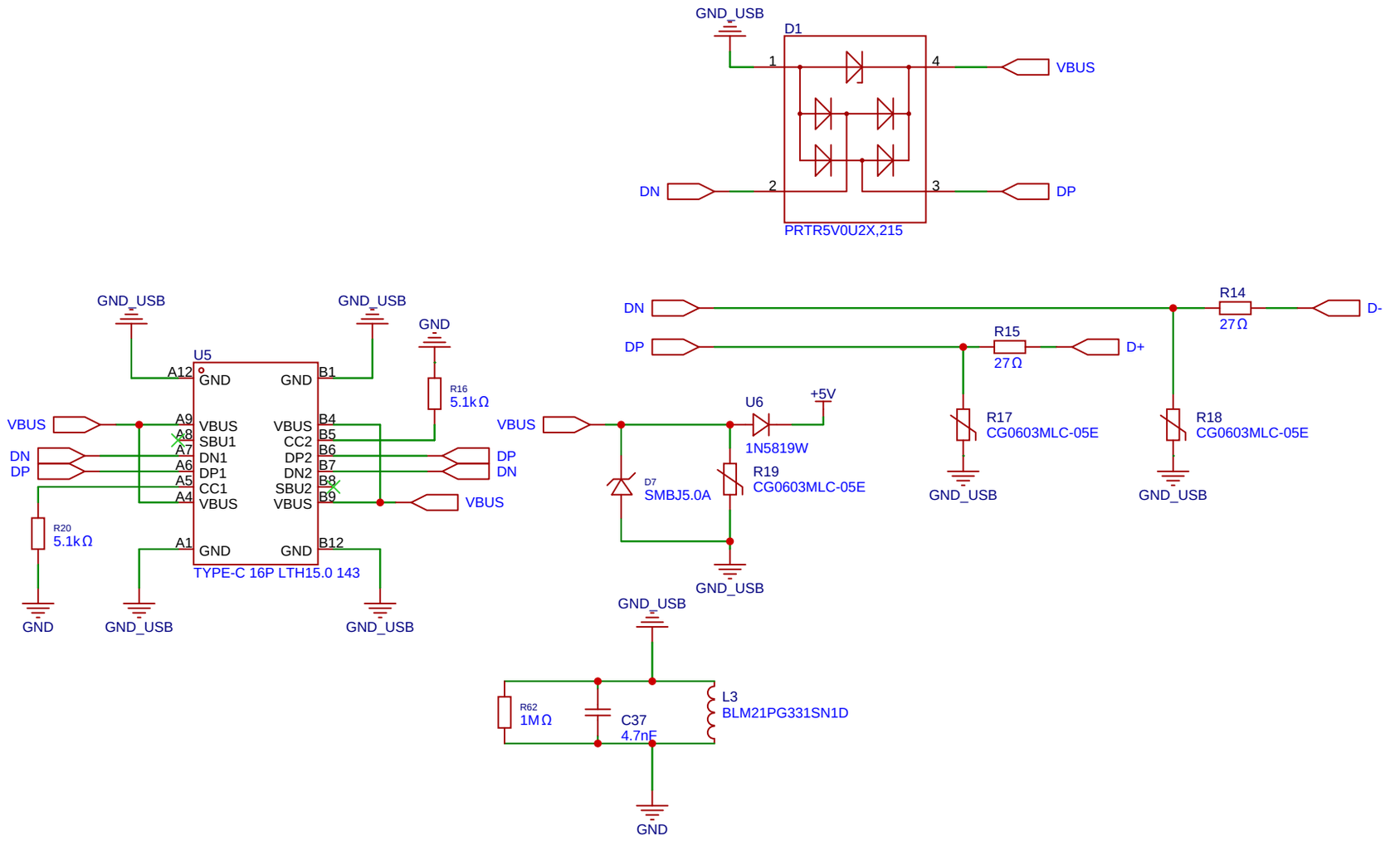




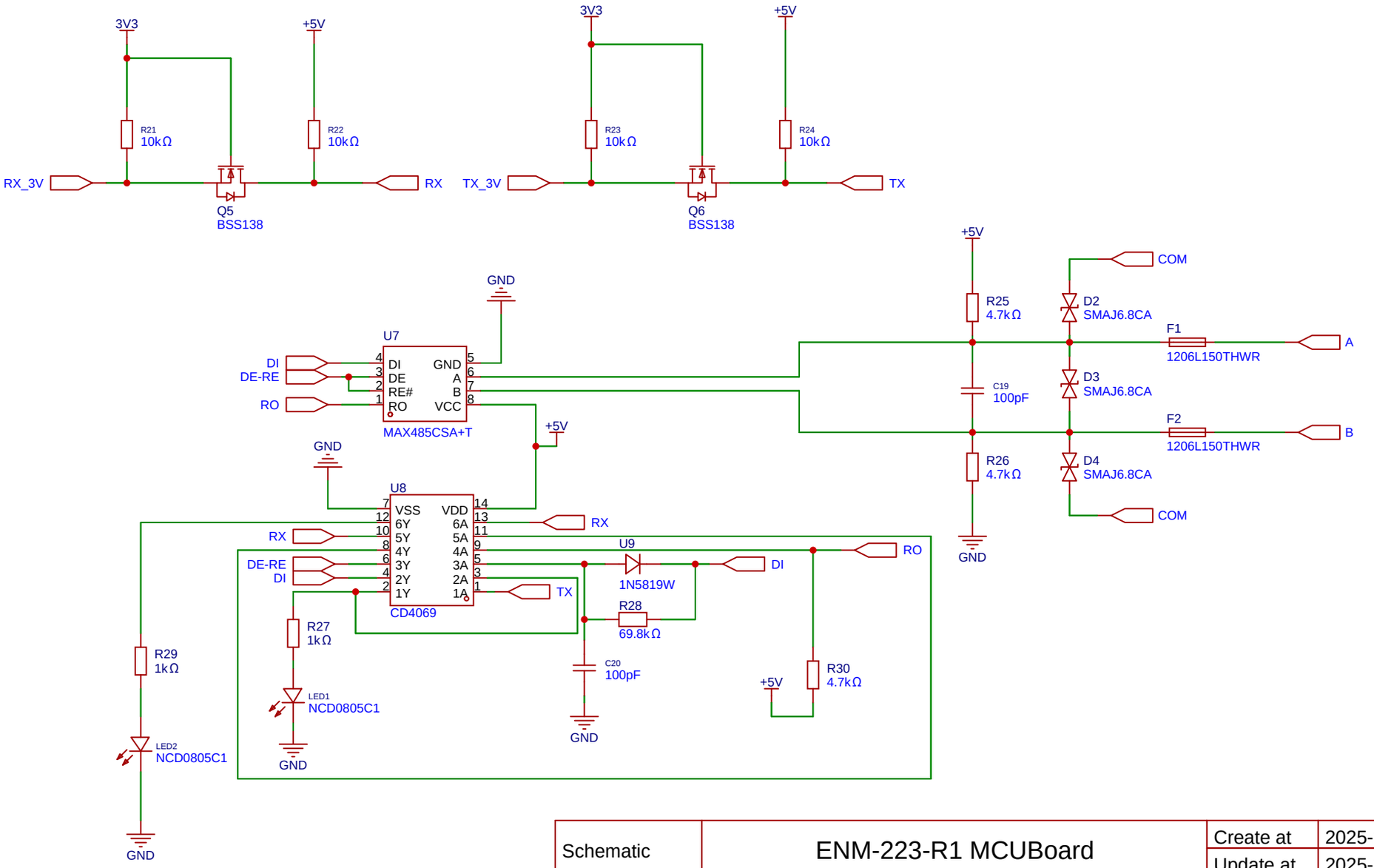




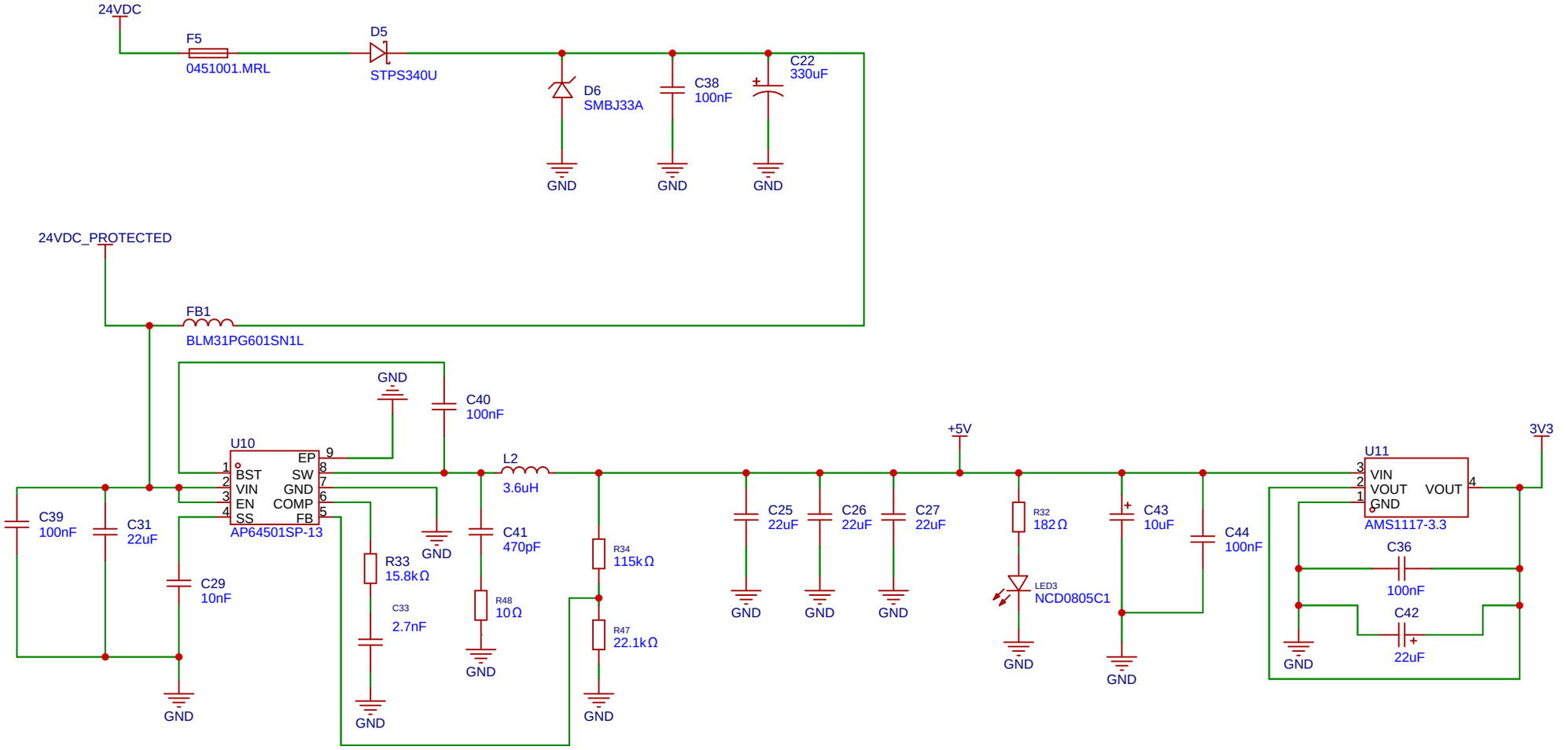
Schematic	ENM-223-R1 MCUBoard	Create at	2025-12-19
		Update at	2026-01-24
Board	ENM-223-R1 MCUBoard	Page	MCU
Drawn		ENM-223-R1 3-Phase Energy Monitor + IO Expansion	
Reviewed			
		Version	Size / Page 1 Total 5
Modular Control Custom Logic		V1.0	A4 / ISYSTEMS AUTOMATION



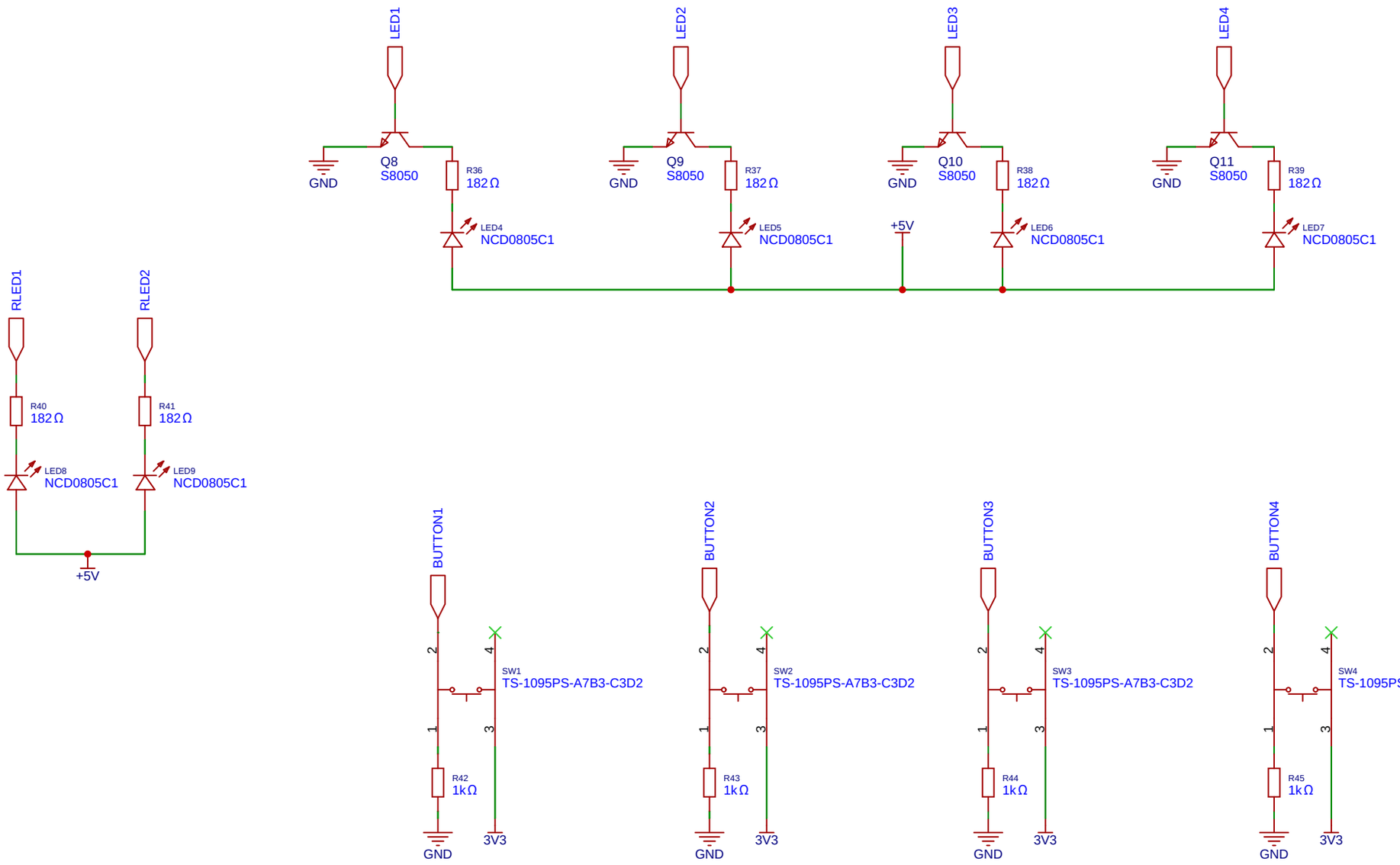
Schematic	ENM-223-R1 MCUBoard	Create at	2025-12-19
		Update at	2025-12-19
Board	ENM-223-R1 MCUBoard	Page	USB
Drawn		ENM-223-R1 3-Phase Energy Monitor + IO Expansion	
Reviewed			
		Version	Size	Page 2 Total 5
Modular Control Custom Logic		V1.0	A4	ISYSTEMS AUTOMATION



Schematic	ENM-223-R1 MCUBoard	Create at	2025-12-19
		Update at	2025-12-19
Board	ENM-223-R1 MCUBoard	Page	RS485
Drawn		ENM-223-R1 3-Phase Energy Monitor + IO Expansion	
Reviewed			
		Version	Size	Page 3 Total 5
Modular Control Custom Logic		V1.0	A4	ISYSTEMS AUTOMATION



Schematic	ENM-223-R1 MCUBoard	Create at	2025-12-19
		Update at	2025-12-19
Board	ENM-223-R1 MCUBoard	Page	PowerSupply
Drawn		ENM-223-R1 3-Phase Energy Monitor + IO Expansion	
Reviewed			
		Version / Size	Page 4 Total 5
Modular Control Custom Logic		V1.0 / A4	ISYSTEMS AUTOMATION



Schematic	ENM-223-R1 MCUBoard	Create at	2025-12-19
		Update at	2026-01-24
Board	ENM-223-R1 MCUBoard	Page	LED,Buttons
Drawn		ENM-223-R1 3-Phase Energy Monitor + IO Expansion	
Reviewed			
		Version	Size	Page 5 Total 5
Modular Control Custom Logic		V1.0	A4	ISYSTEMS AUTOMATION