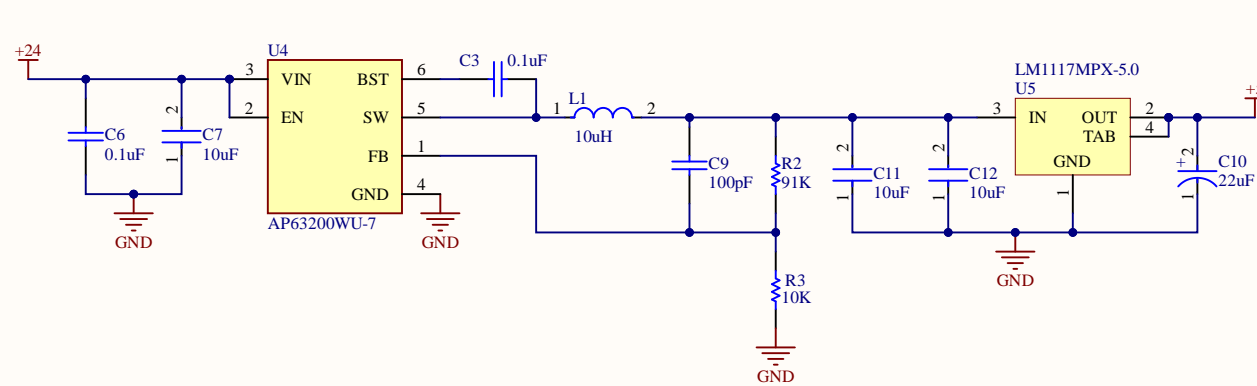
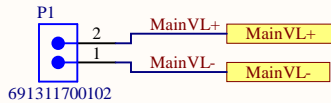


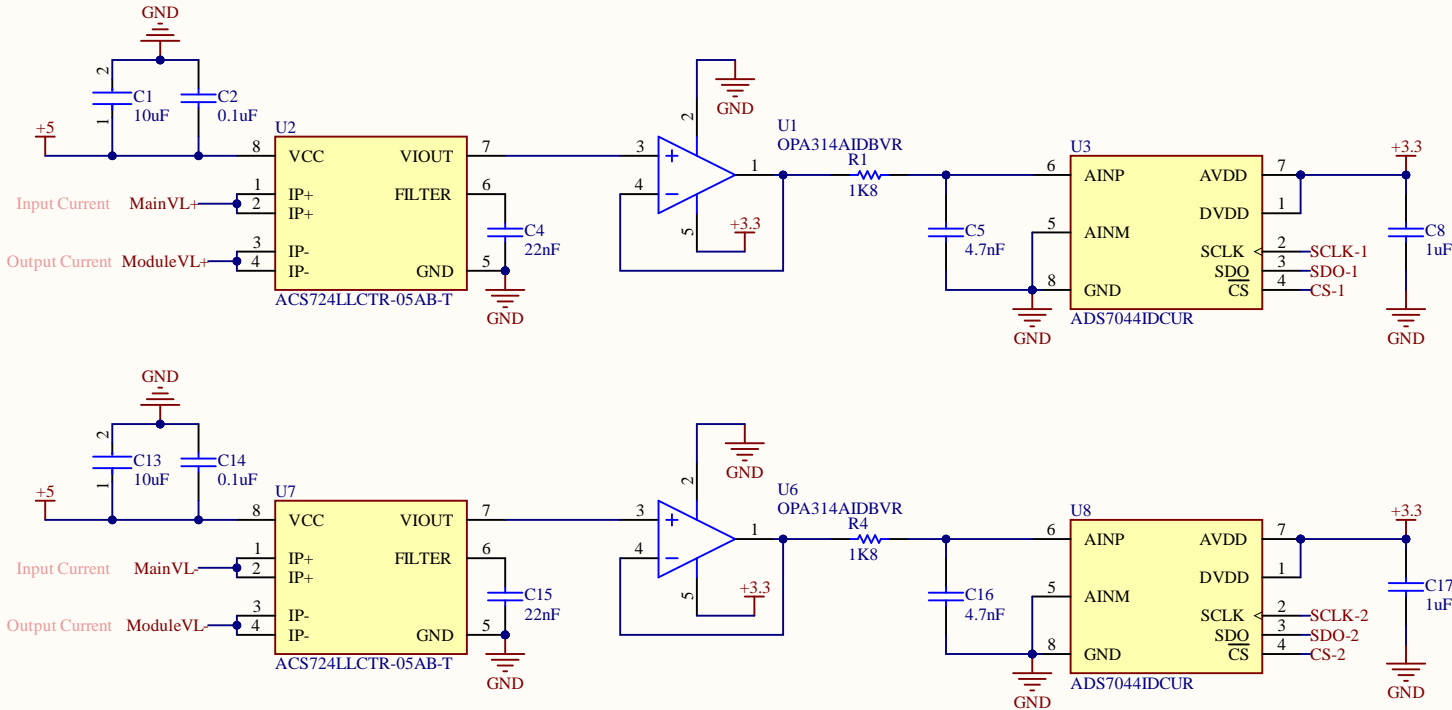
Conversor Buck + Regulator: 24V-5V



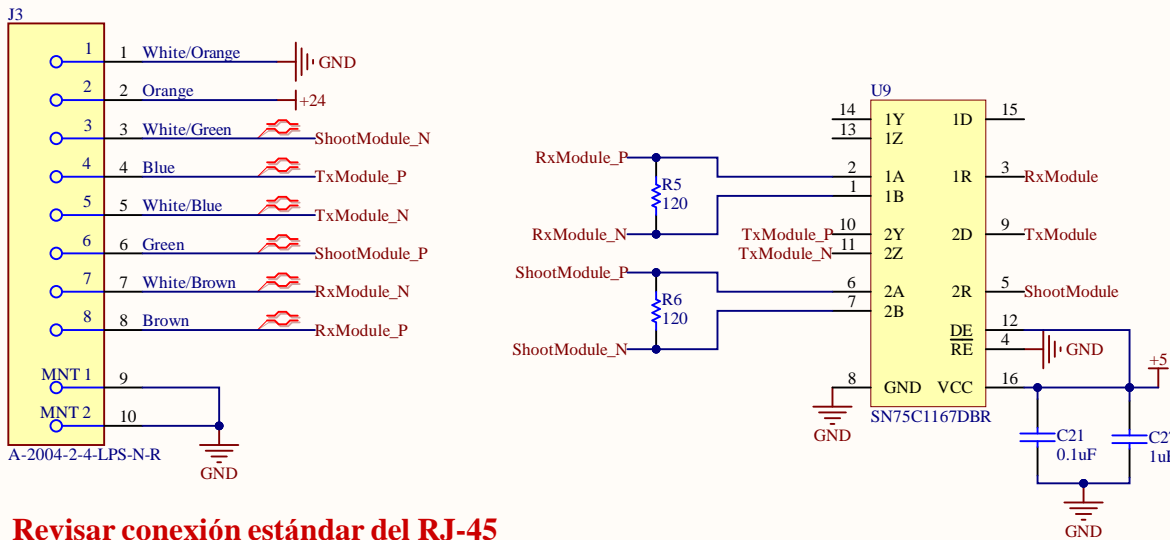
Main Inductor Current



Current Sensors + ADC

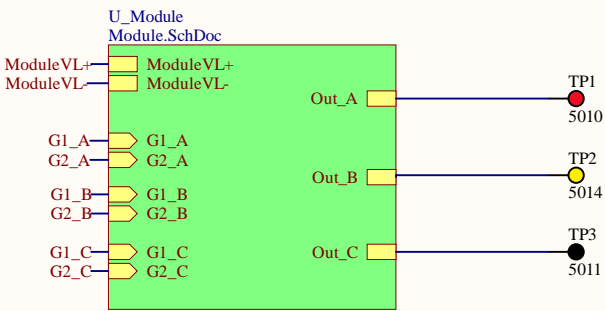


RJ45

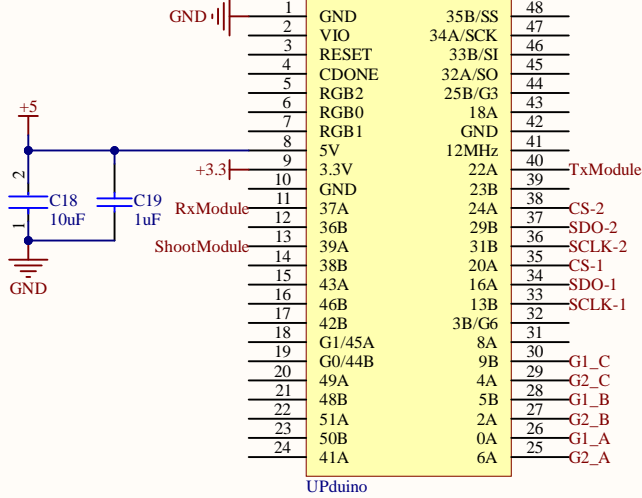


Revisar conexión estándar del RJ-45

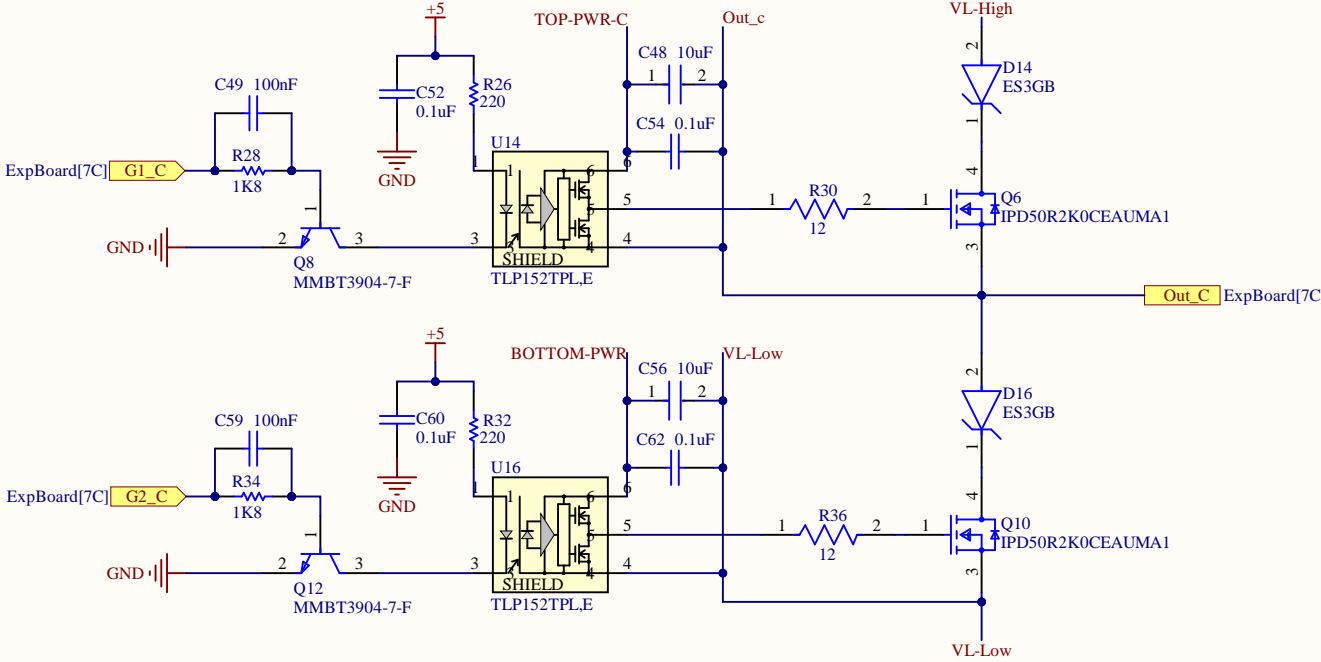
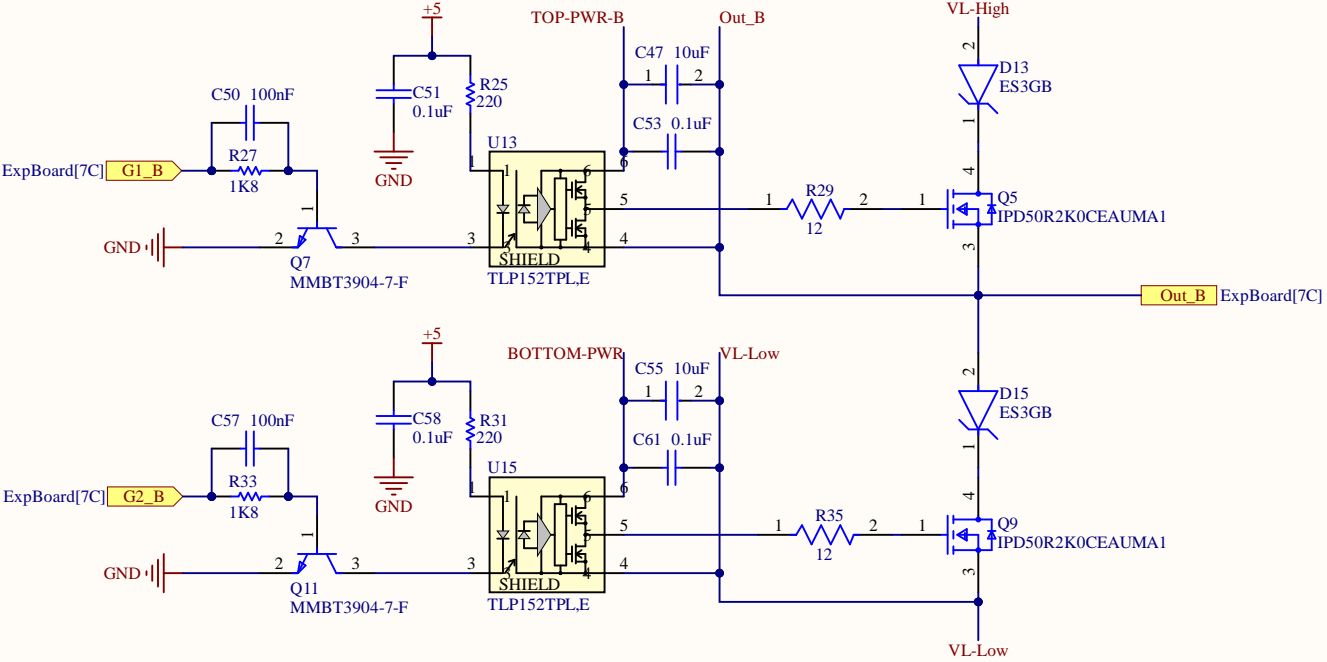
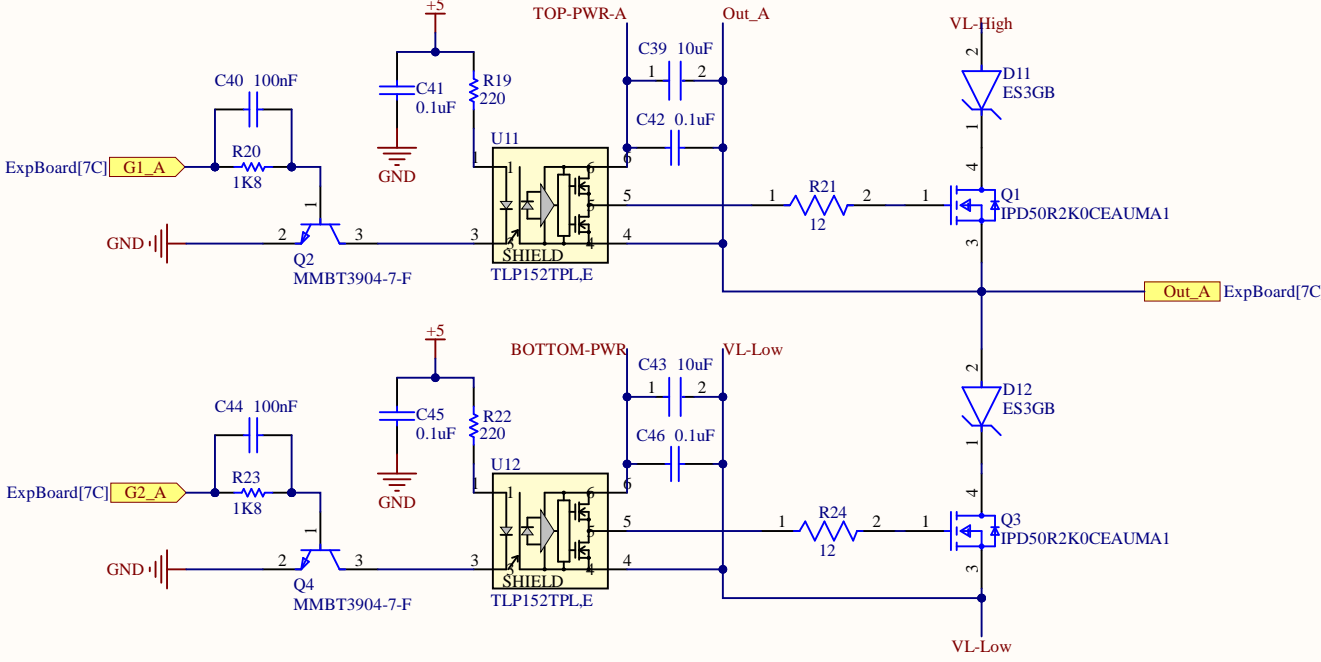
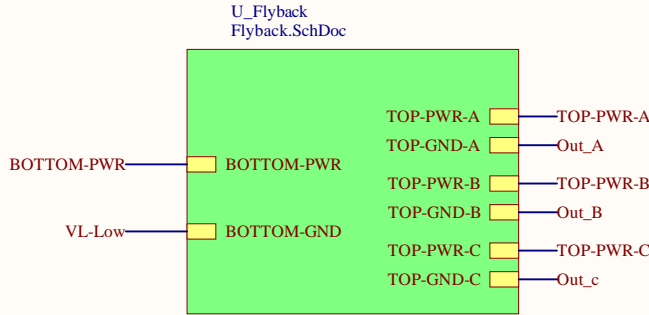
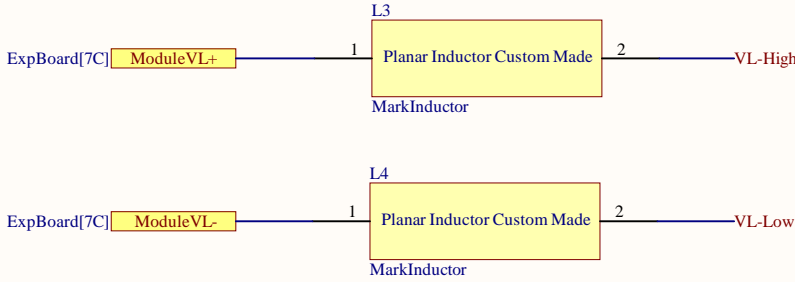
Módulo de trifásica



FPGA - UPduino



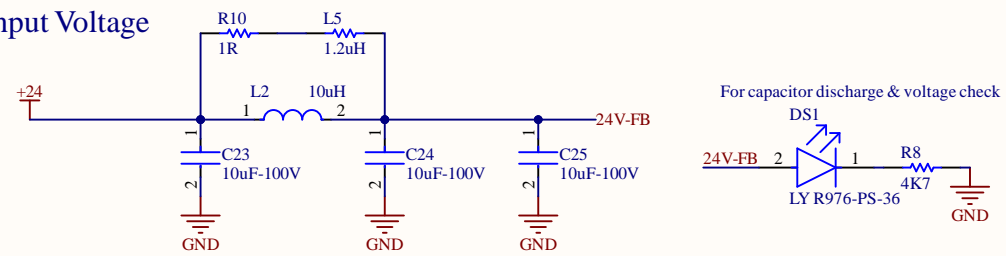
Planar Inductors:



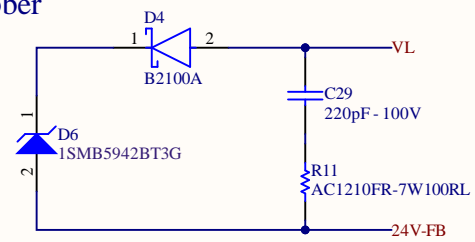
El capacitor de 0.1uF debe ser colocados a 1cm de los pines de los TLP152
PONER CAPACITORES FILM A LA SALIDA DE LA TRIFASICA

Title			
Power Module - LGBS Team			
Size	Number	Revision	
A3	Version 1		
Date:	2/03/2025	Sheet 2 of 3	
File:	C:\Users\...\Module.SchDoc	Drawn By:NBW	

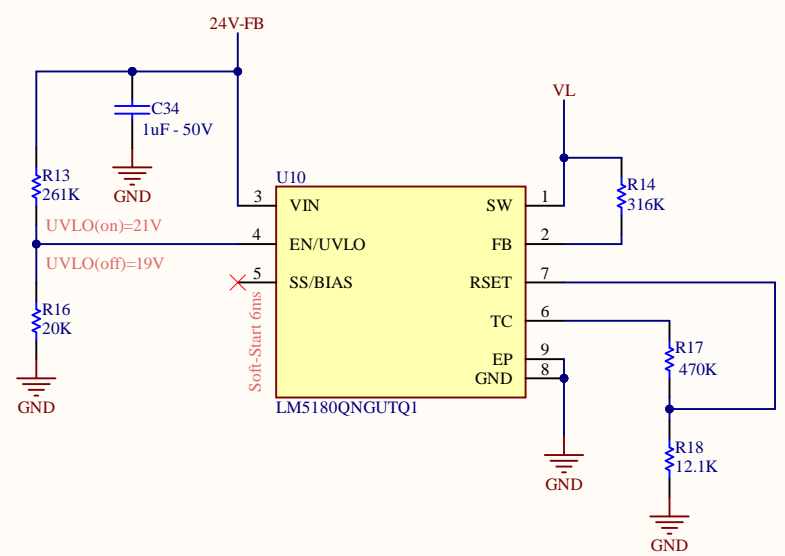
Input Voltage



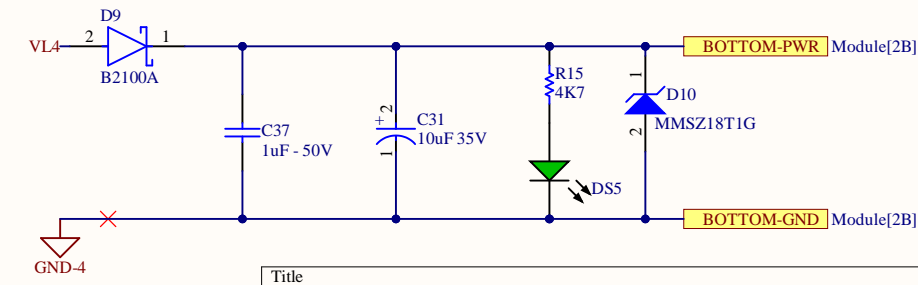
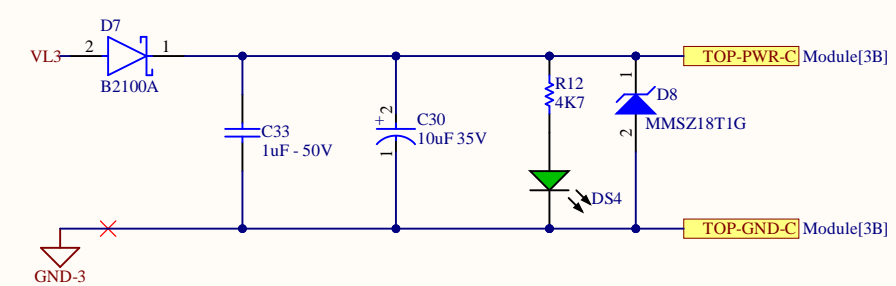
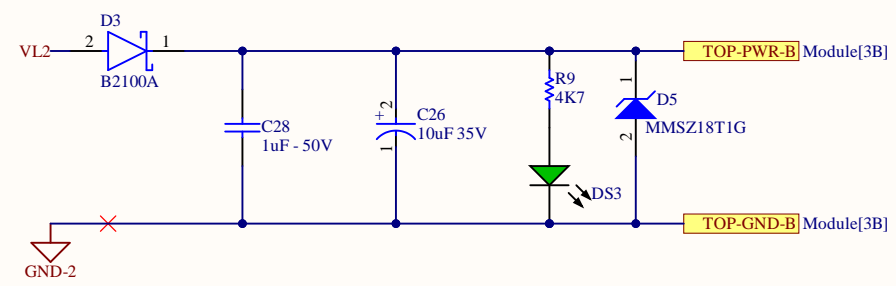
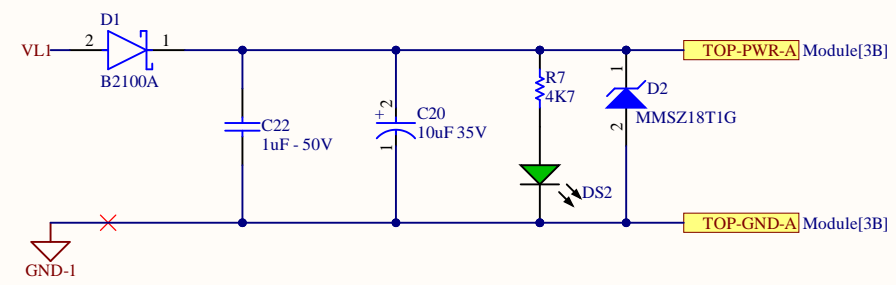
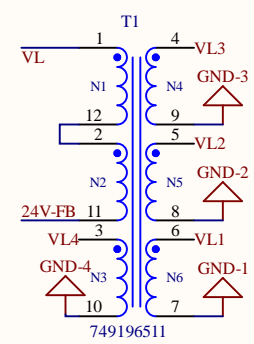
Snubber



Realimentación, disparo y control



Transformador



Title		
Flyback converter - LGBS Team		
Size	Number	Revision
A4	Version 1	
Date:	2/03/2025	Sheet of 3
File:	C:\Users\...\Flyback.SchDoc	Drawn By:NBW