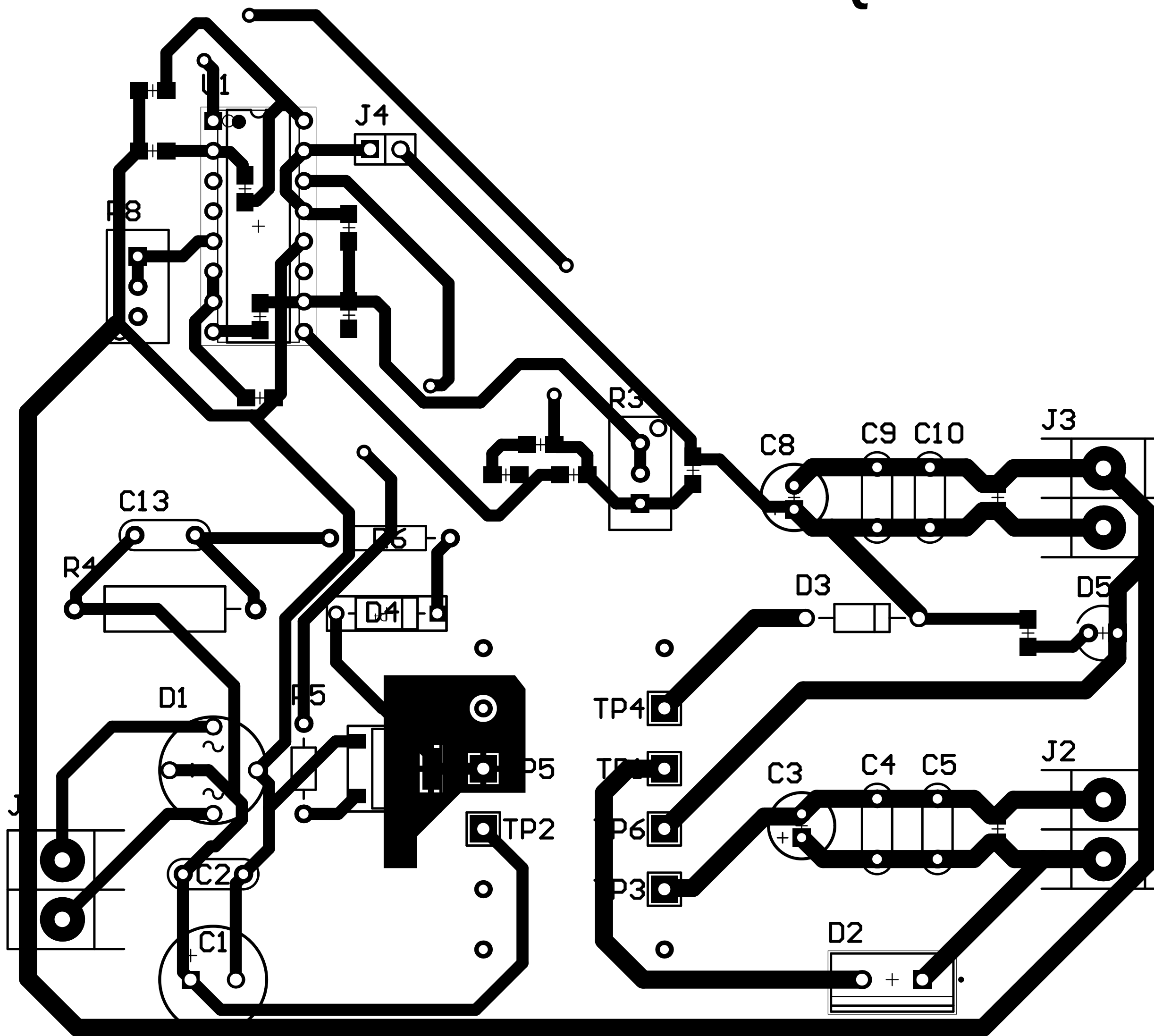
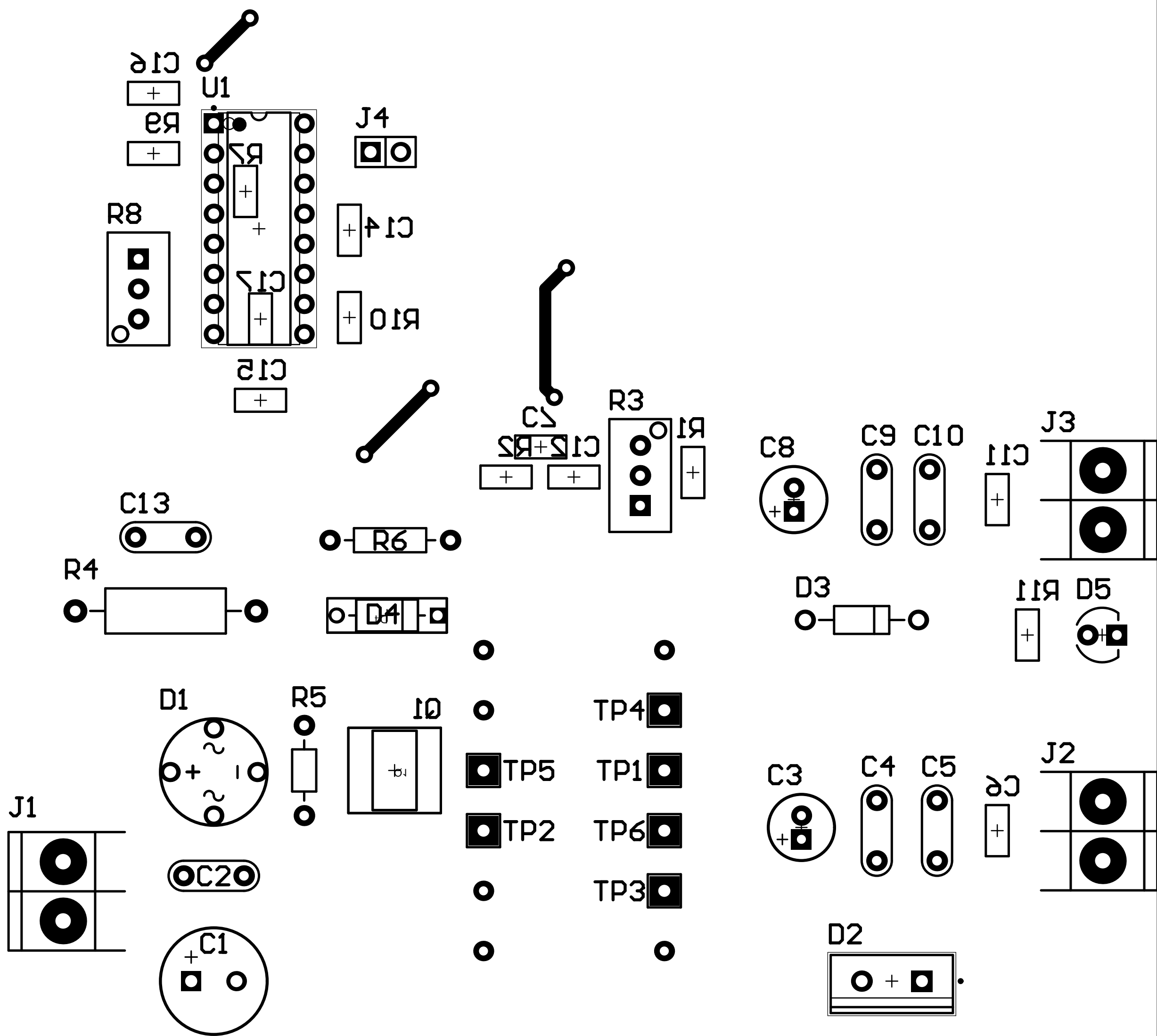
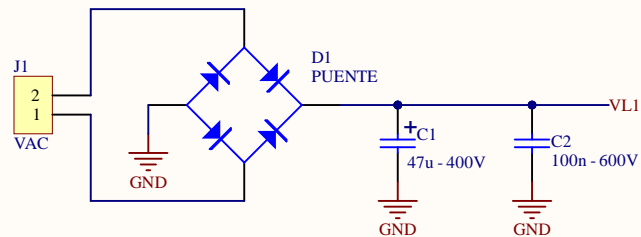


TP5 - Flypack G1

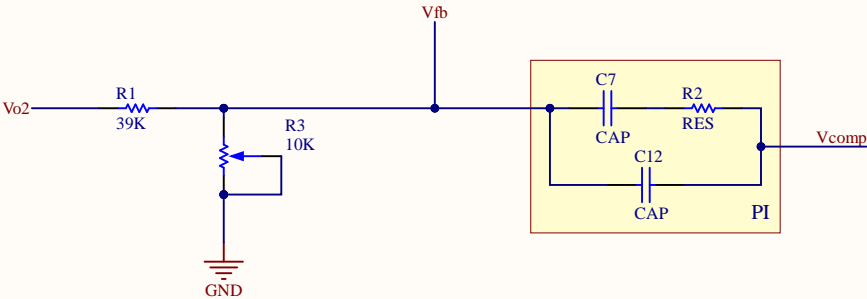




Input Voltage

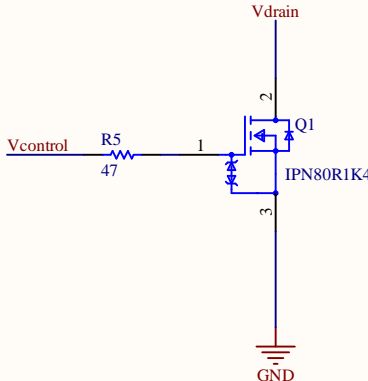
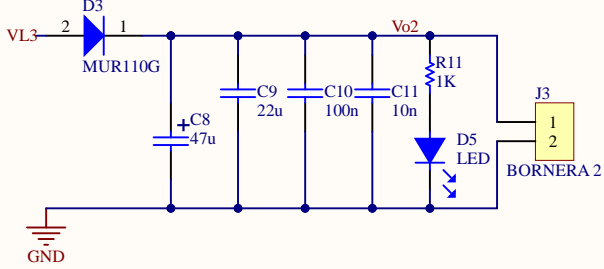
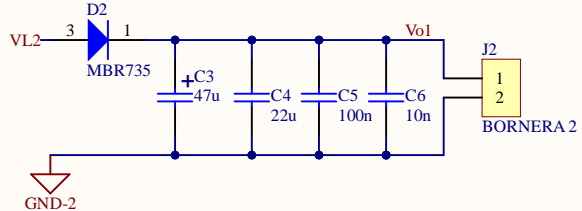
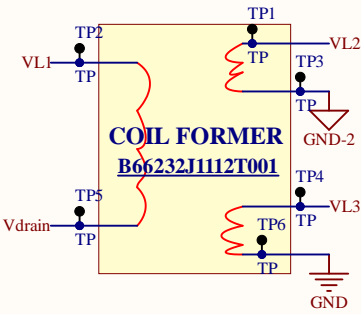
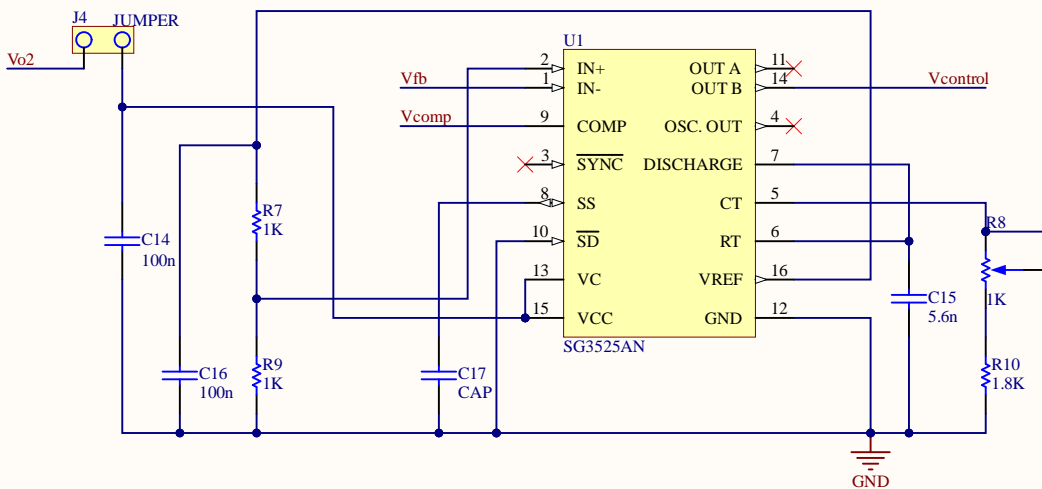


Realimentación

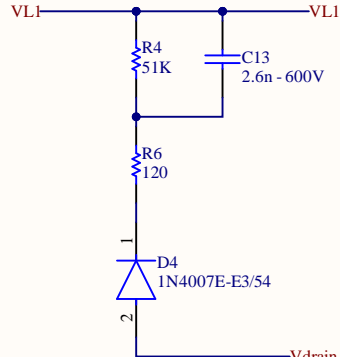


Falta: Autoalimentacion del SG - Resistencia en la realimentacion antes del PI?

SG3525



Snubber



Title Flyback converter 220V - 5V/16V		
Size A4	Number Grupo 1 - Electrónica IV	Revision
Date: 5/07/2024	Sheet of	
File: C:\Users\...Flyback_Schematic.SchDoc	Drawn By:	

Comment	Description	Designator	Footprint	LibRef	Quantity
47u - 400V		C1	CAP300RP	CAPPOL	1
100n - 600V		C2	CAP200	CAP	1
47u		C3, C8	CAP100RP	CAPPOL	2
22u		C4, C9	CAP200	CAP	2
100n		C5, C10	CAP200	CAP	2
10n		C6, C11	0805	CAP	2
CAP		C7, C12, C17	0805	CAP	3
2.6n - 600V	Tantalio	C13	CAP200	CAP	1
100n		C14, C16	0805	CAP	2
5.6n		C15	0805	CAP	1
PUENTE		D1	PUENTE - W10M	PUENTE	1
MBR735	SWITCHMODE(TM) Power Rectifier, 2-Pin TO-220, Tube	D2	ONSC-TO-220-2-221B- 04_E	CMP-1055-00595-1	1
MUR110G	SWITCHMODE(TM) Power Rectifier, 2-Pin Axial_Lead, Pb-Free, Bulk Bag	D3	ONSC-AXIAL_LEAD-2- 59-10_P	CMP-0902-00129-1	1
1N4007E-E3/54	DIODE GEN PURP 1KV 1ADO204AL	D4	FP-1N4007E-E3-54- MFG	CMP-02540-000087-1	1
LED		D5	LED3	LED	1
VAC		J1	BORNERA2	BORNERA2	1
BORNERA2		J2, J3	BORNERA2	BORNERA2	2
JUMPER		J4	JUMPER2	JUMPER	1
IPN80R1K4	IPN80R1K4P7ATMA1 Power Transistor MOSFET N-Channel Enhancement 800V 4A 3-Pin SOT-223	Q1	FP-PG-SOT223-3-MFG	CMP-00196-84309566- 1	1
39K		R1	0805	RES	1
RES		R2	0805	RES	1
10K		R3	PRESET V	PRESET	1
51K		R4	RES600	RES	1
47		R5	RES300	RES	1
120		R6	RES400	RES	1
1K		R7, R9, R11	0805	RES	3
1K		R8	PRESET V	PRESET	1
1.8K		R10	0805	RES	1
TP		TP1, TP2, TP3, TP4, TP5, TP6	TPTH	TP	6
SG3525AN	Pulse Width Modulator Control Circuit, 8 to 35 V, 0 to 70 degC, 16-Pin PDIP, RoHS, Tube	U1	ONSC-PDIP-16-648- 08_T	CMP-2000-07049-1	1