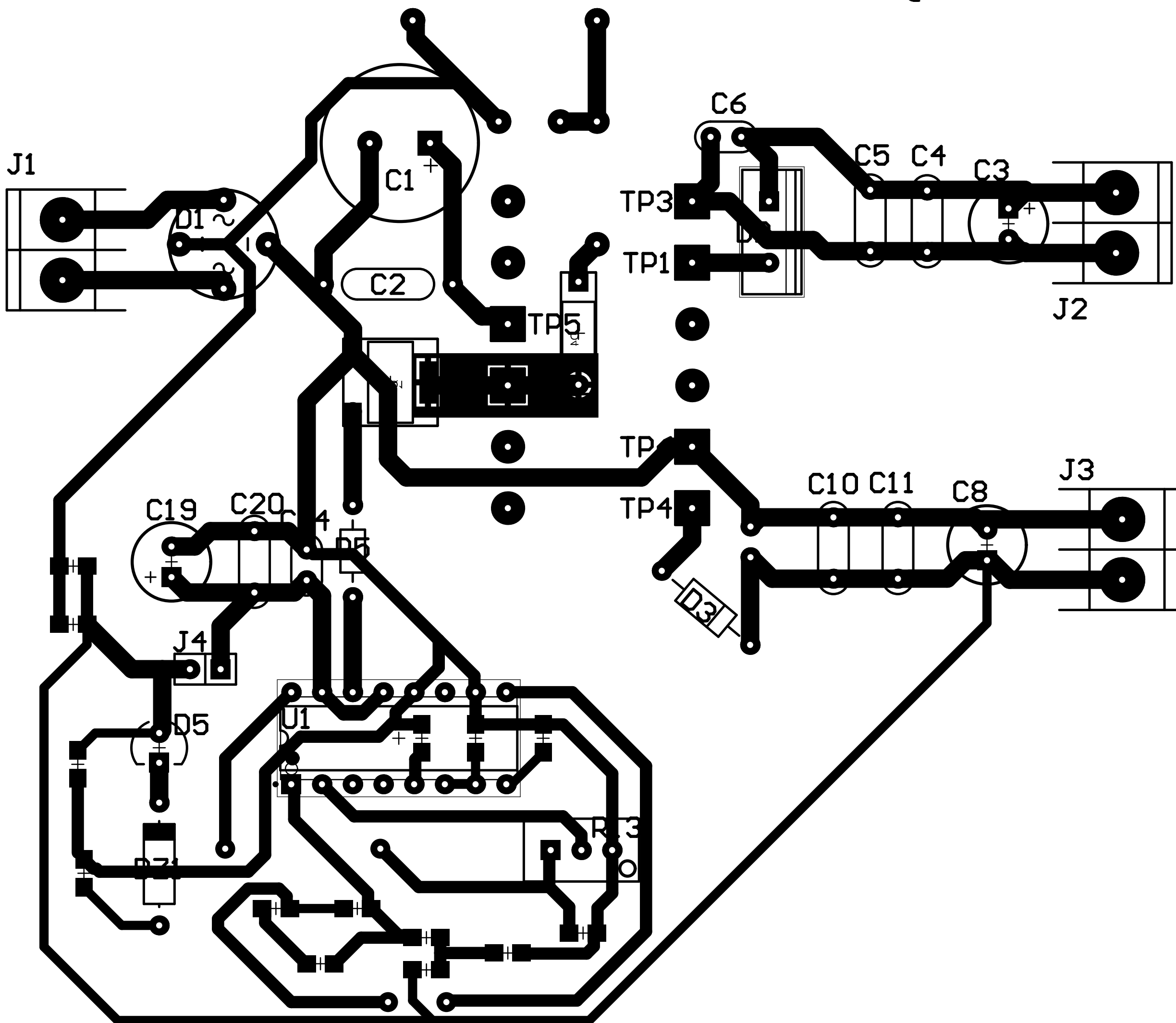
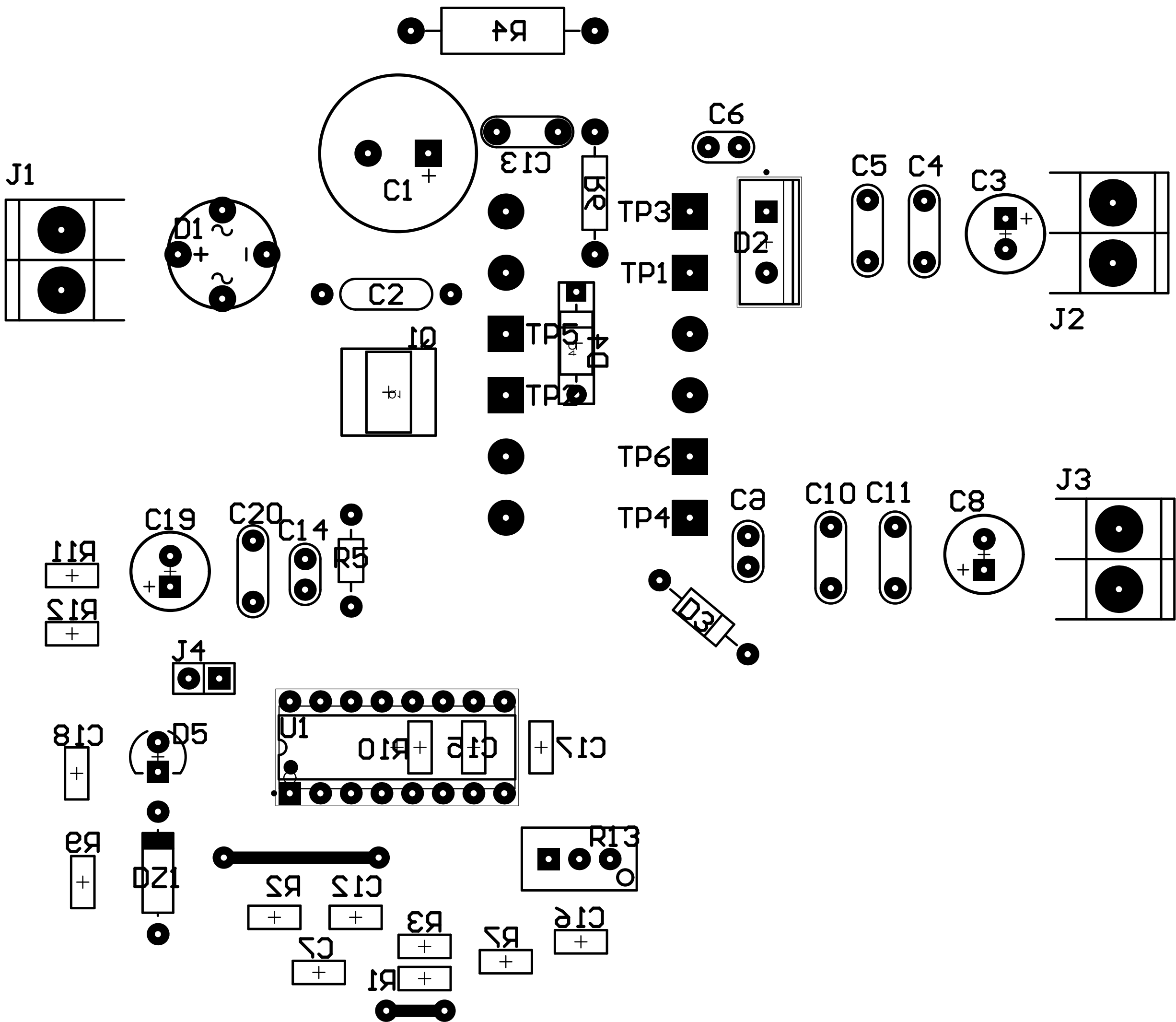
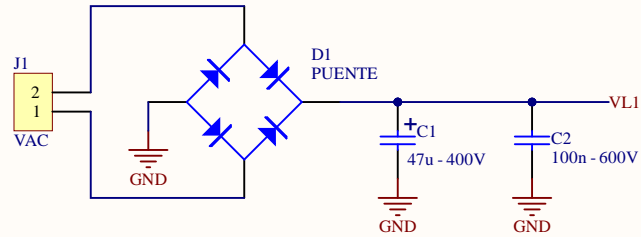


TP5 - Flyback G1

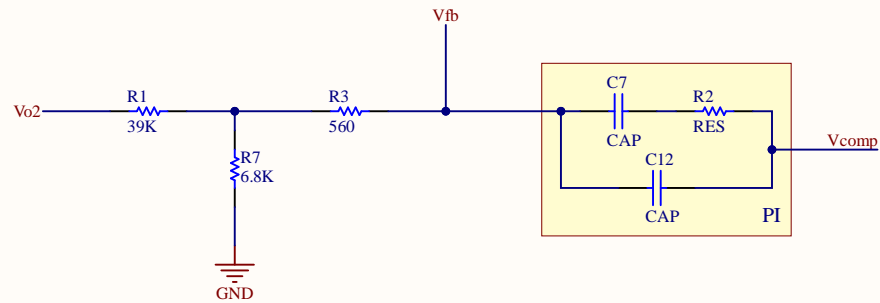




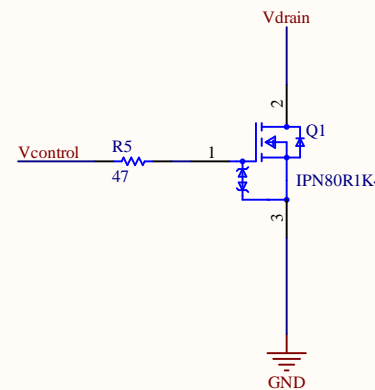
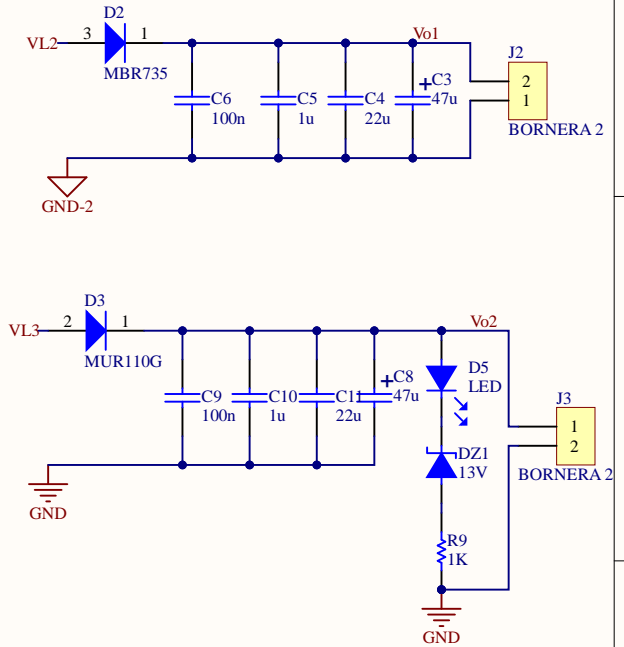
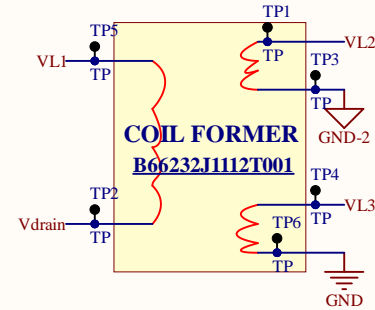
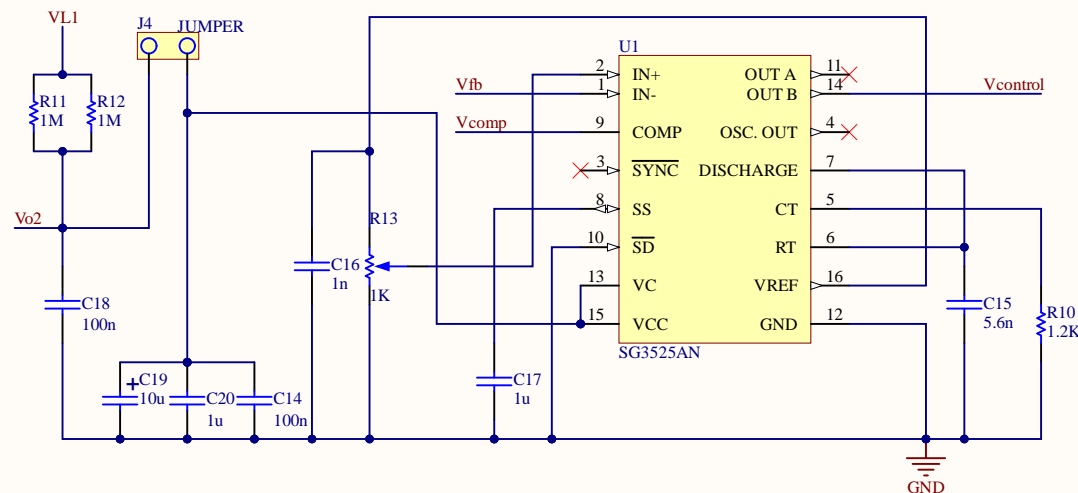
Input Voltage



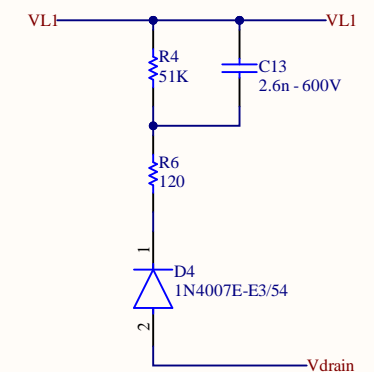
Realimentación



SG3525



Snubber



Flyback converter 220V - 5V/16V

Grupo 1 - Electrónica IV

| Comment | Description | Designator | Footprint | LibRef | Quantity |
|---------------|---|------------------------------|---------------------------|----------------------|----------|
| 47u - 400V | | C1 | CAP200RP2 | CAPPOL | 1 |
| 100n - 600V | | C2 | CAP200 | CAP | 1 |
| 47u | Cerámico multicapa, [NoValue] | C3, C8 | CAP100RP2 | CAPPOL | 2 |
| 22u | Cerámico multicapa | C4, C11 | CAP200 | CAP | 2 |
| 1u | Cerámico multicapa, - 10u Electronlitico - 1u Multicapa - 0.1u ceramico | C5, C10, C20 | CAP200 | CAP | 3 |
| 100n | Cerámico multicapa, - 10u Electronlitico - 1u Multicapa - 0.1u ceramico | C6, C9, C14 | CAP100 | CAP | 3 |
| CAP | | C7, C12 | 0805 | CAP | 2 |
| 2.6n - 600V | Tantalio | C13 | CAP200 | CAP | 1 |
| 5.6n | | C15 | 0805 | CAP | 1 |
| 1n | | C16 | 0805 | CAP | 1 |
| 1u | | C17 | 0805 | CAP | 1 |
| 100n | | C18 | 0805 | CAP | 1 |
| 10u | | C19 | CAP100RP2 | CAPPOL | 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 1A DO204AL | D4 | FP-1N4007E-E3-54-MFG | CMP-02540-000087-1 | 1 |
| LED | | D5 | LED3 | LED | 1 |
| 13V | | DZ1 | DO41 | DIODO ZENER | 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 |
| 560 | | R3 | 0805 | RES | 1 |
| 51K | | R4 | RES600 | RES | 1 |
| 47 | | R5 | RES300 | RES | 1 |
| 120 | | R6 | RES400 | RES | 1 |
| 6.8K | | R7 | 0805 | RES | 1 |
| 1K | | R9 | 0805 | RES | 1 |
| 1.2K | | R10 | 0805 | RES | 1 |
| 1M | | R11, R12 | 0805 | RES | 2 |
| 1K | | R13 | PRESET V | PRESET | 1 |
| TP | | TP1, TP2, TP3, TP4, TP5, TP6 | TP1H | 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 |