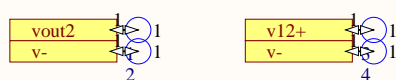
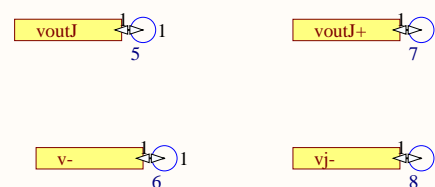


20A buck XT60

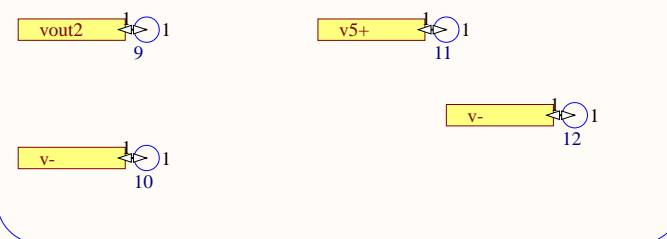
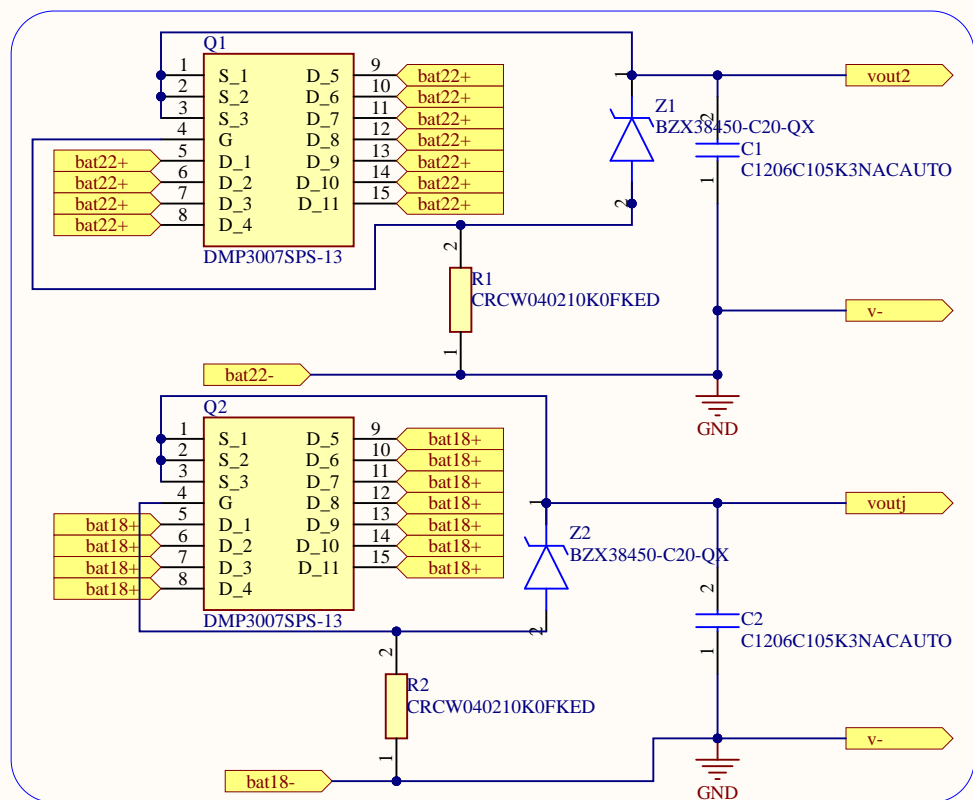


Mechanical plated



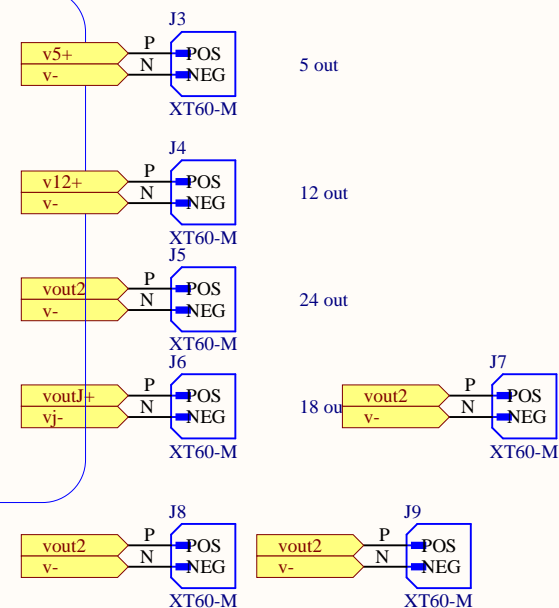
18V

Protection+LP_filter



5V

Output



5 out

12 out

24 out

18 out

| Title | | |
|-------|----------------------------|-----------|
| Size | Number | Revision |
| A | | |
| Date: | 12/08/2022 | Sheet of |
| File: | C:\Users\...\Sheet1.SchDoc | Drawn By: |

| Comment | Description | Designator | Footprint | LibRef | Quantity |
|--------------------------|--|--|--------------------------|--------------------------|----------|
| mounting_h_p_10A buck | | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 | mounting_h_p 10A buck | mounting_h_p_10A buck | 12 |
| C1206C105K3NACAUTO | Capacitor | C1, C2 | C1206 | C1206C105K3NACAUTO | 2 |
| XT60-M | Plug; DC supply; XT60; male; PIN: 2; for cable; soldered; 30A; 500V | J1, J2, J3, J4, J5, J6, J7, J8, J9 | AMASS_XT60-M | XT60-M | 9 |
| DMP3007SPS-13 | MOSFET (P-Channel) | Q1, Q2 | DMP3007SPS13 | DMP3007SPS-13 | 2 |
| CRCW040210K0FKED | Resistor | R1, R2 | RESC1005X40N | CRCW040210K0FKED | 2 |
| BZX38450-C20-QX | Zener Diode | Z1, Z2 | BZX38450C20QX | BZX38450-C20-QX | 2 |