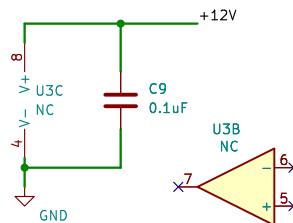


Heatsink for Q1: Aavid 6236BG, 532-6236B or 591202B00000G, 532-591202B00000

- H1 MountingHole
  - H2 MountingHole
  - H3 MountingHole
  - H4 MountingHole
- + Out: Bypass  
Install R15, R12, R18, no U3, R9=100K
- + Out: Follower  
Install R15, R12, R17, U3=LM358A, R9=300K
- Out: Inverter  
Install R18, R14, R16, U3=LM358A, R9=300K, invert output D1 diode and C8/C10 capacitors



Adapted from Dave's project (<https://www.djerrickson.com/hi-v-dc-dc/>)  
200-500V

by Stef

Sheet: /  
File: HV-MODULE.kicad\_sch

### Title: High Voltage Power Supply

Size: A4 Date: 2025-04-09

KiCad E.D.A. 8.0.8

Rev: 1.0b8

Id: 1/1