



- H1 MountingHole
 H2 MountingHole
 H3 MountingHole
 H4 MountingHole
- + Out: Bypass
 Install R15, R12, R18, no U3, R9=100K
 + Out: Follower (better load regulation)
 Install R15, R12, R17, U3=THS4221D or OPA810, R9=300K
 - Out: Inverter
 Install R14, R16, R18 U3=THS4221D or OPA810, R9=300K, invert 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: 2025-05-12

KiCad E.D.A. 8.0.8

Rev: 1.0b18

Id: 1/1