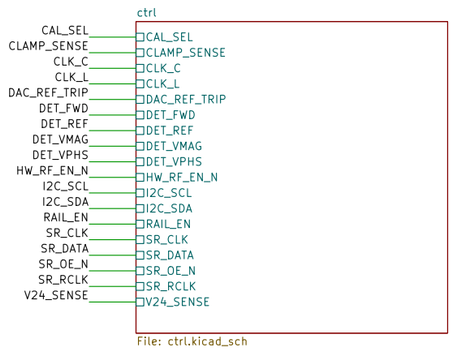
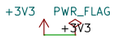
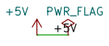




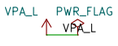










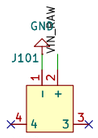


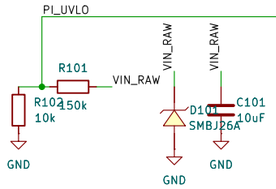
hwde

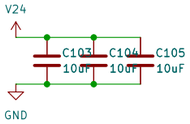
Sheet: /
File: rf-plasma.kicad_sch

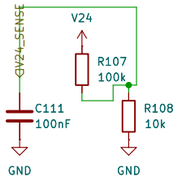
Title: rf-plasma: 50 W 13.56 MHz generator, RSN + relay pi match

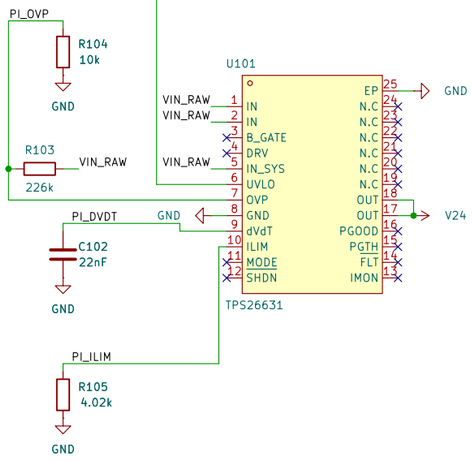
Size: A3	Date:	**Rev: 1**
KiCad E.D.A. 10.0.6		Id: 1/7

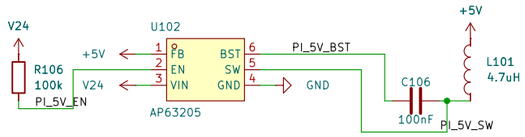


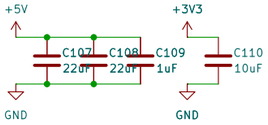


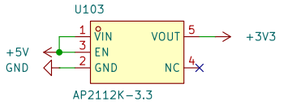












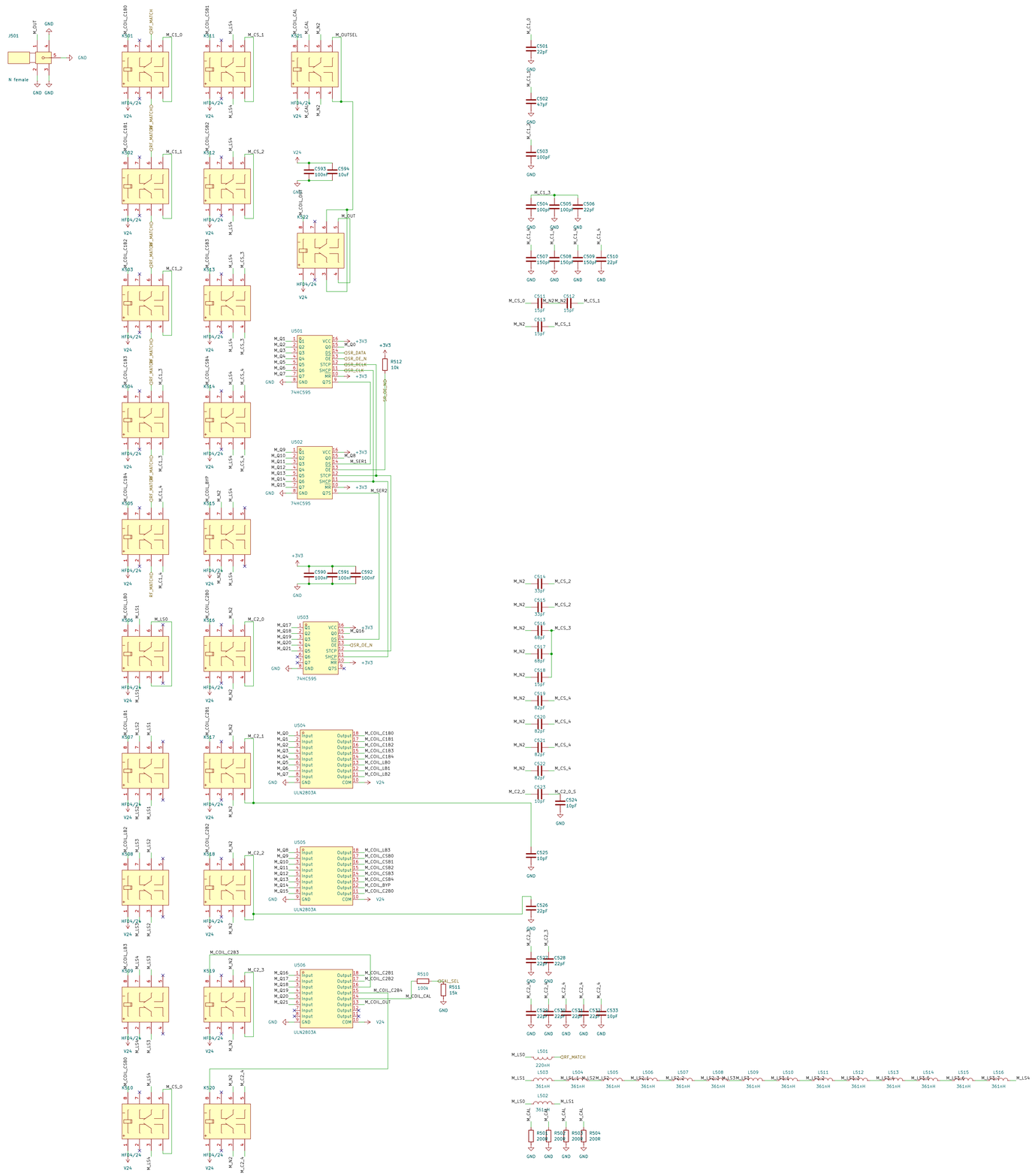
hwde

Sheet: /power_in/

File: power_in.kicad_sch

Title: rf-plasma: 24 V in: XT30, TPS26632 eFuse, TVS, 5 V buck, 3.3 V LDO

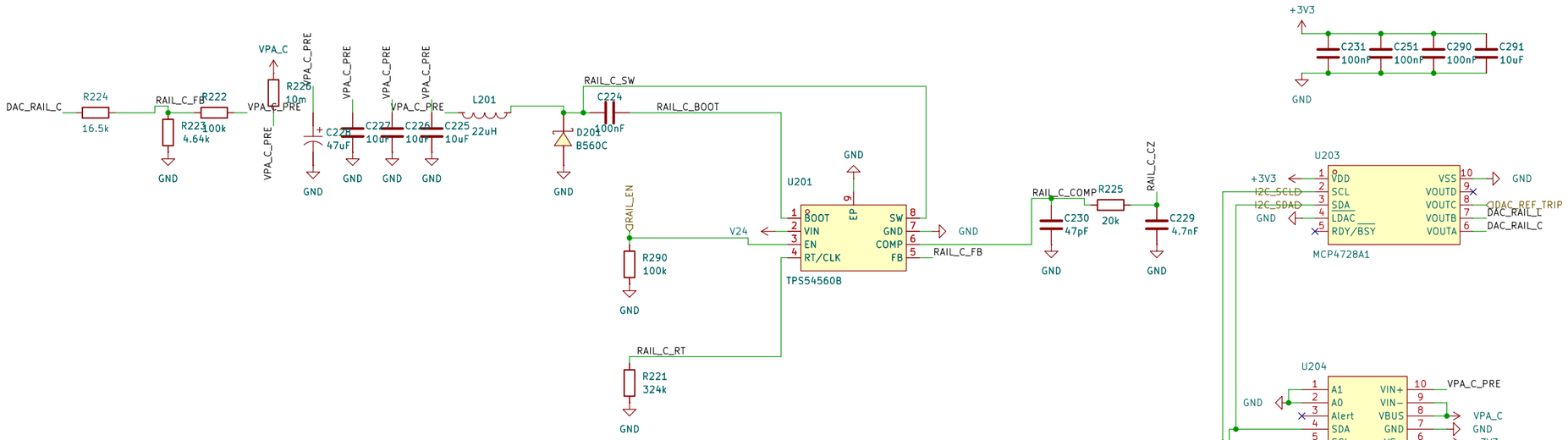
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KiCad E.D.A. 10.0.6		Id: 2/7



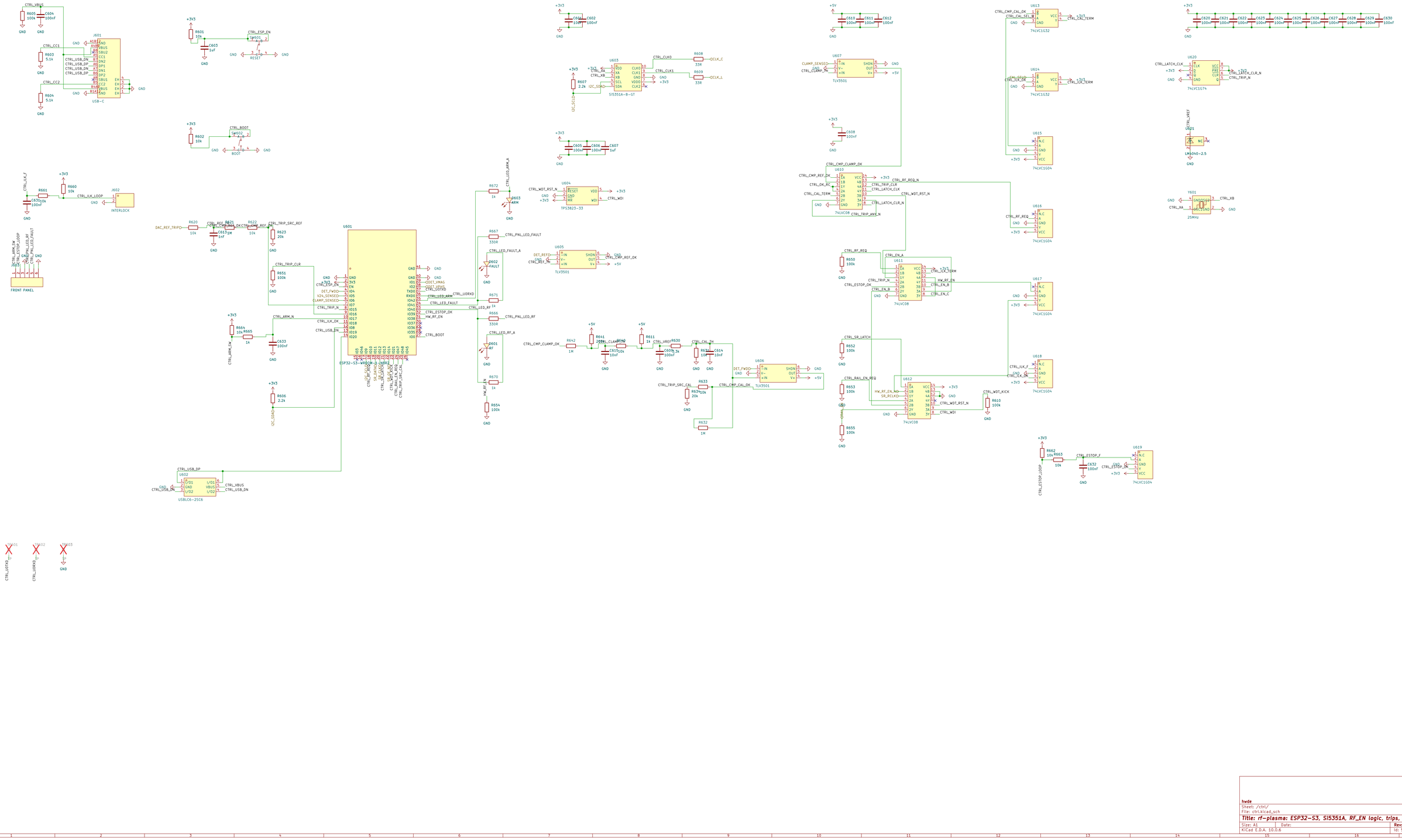
hwde
Sheet: /match/
File: match.kicad_sch

Title: rf-plasma: Relay pi match (C1, L, CS, C2 banks), CAL load, OUT relay,

Size: A1	Date:	Rev: 1
KiCad E.D.A. 10.0.6		Id: 3/7



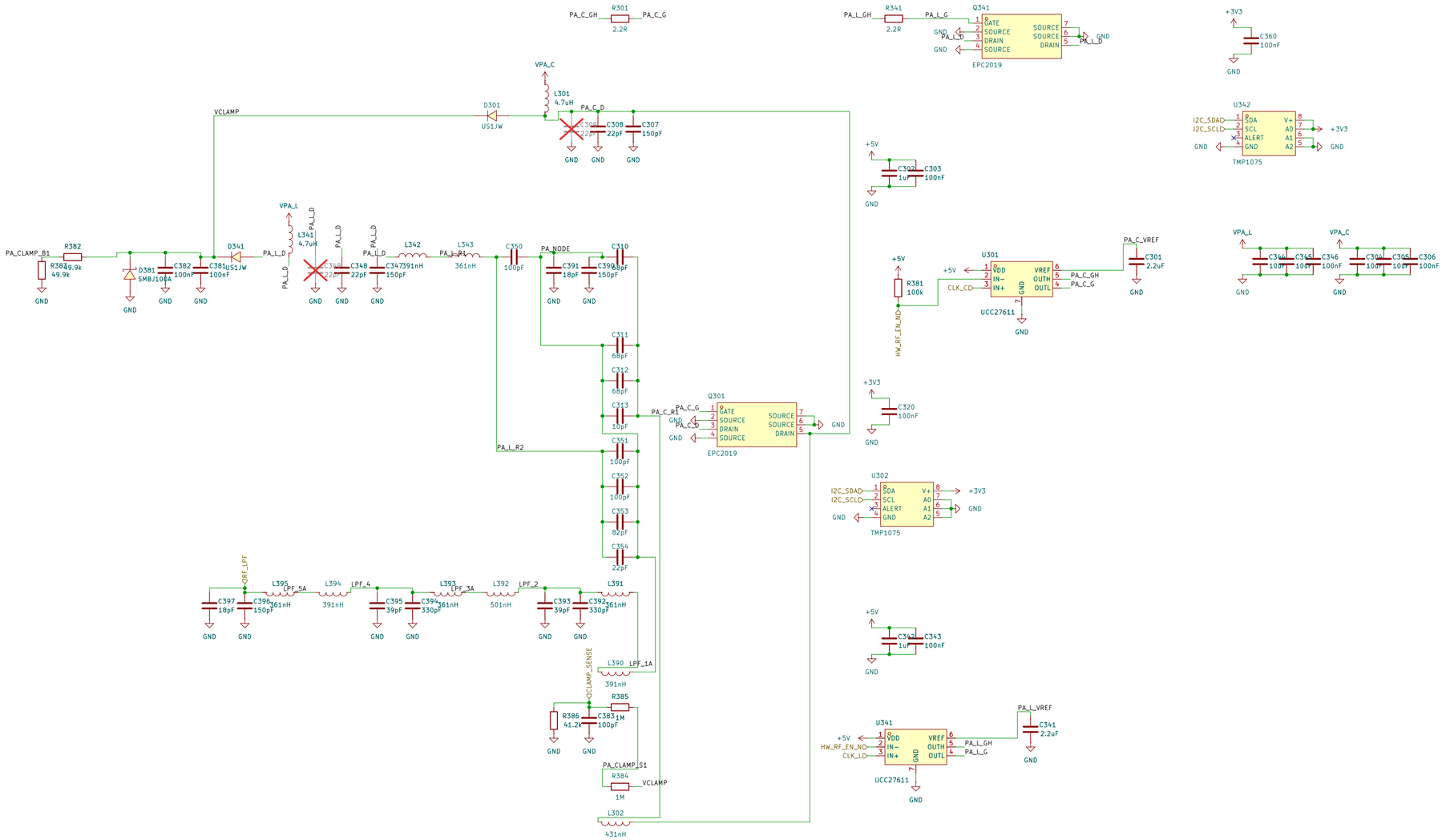
hwde	
Sheet: /rails/	
File: rails.kicad_sch	
Title: rf-plasma: PA rails: 2 x TPS54560B 3-23 V, MCP4728 DAC, INA226 x2	
Size: A3	Date:
KiCad E.D.A. 10.0.6	**Rev: 1**
	Id: 4/7



hwde
Sheet: /ctrl/
File: ctrl.kicad_sch

Title: rf-plasma: ESP32-S3, Si5351A, RF_EN logic, trips, watchdog, USB-C,

Size: A1	Date:	Rev: 1
KiCad E.D.A. 10.0.6		Id: 5/7



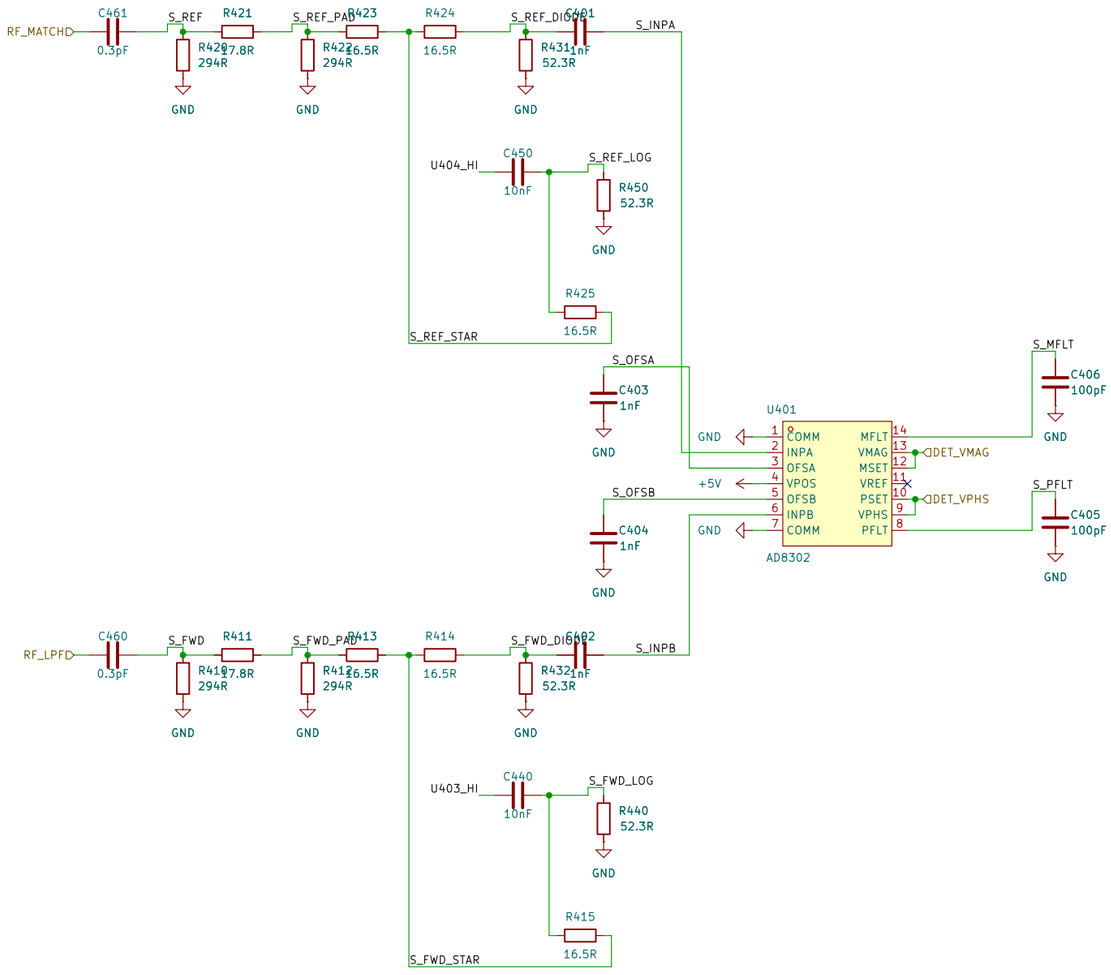
hwde

Sheet: /pa/

File: pa.kicad_sch

Title: rf-plasma: 2 x EPC2019 class-E with RSN reactances, UCC27611, dra

Size: A2	Date:	Rev: 1
KiCad E.D.A. 10.0.6		Id: 6/7



hwde

Sheet: /sense/

File: sense.kicad_sch

Title: rf-plasma: L3 stripline coupler, AD8302 gain/phase, AD8310 FWD and

Size: A3	Date:	**Rev: 1**
KiCad E.D.A. 10.0.6		Id: 7/7