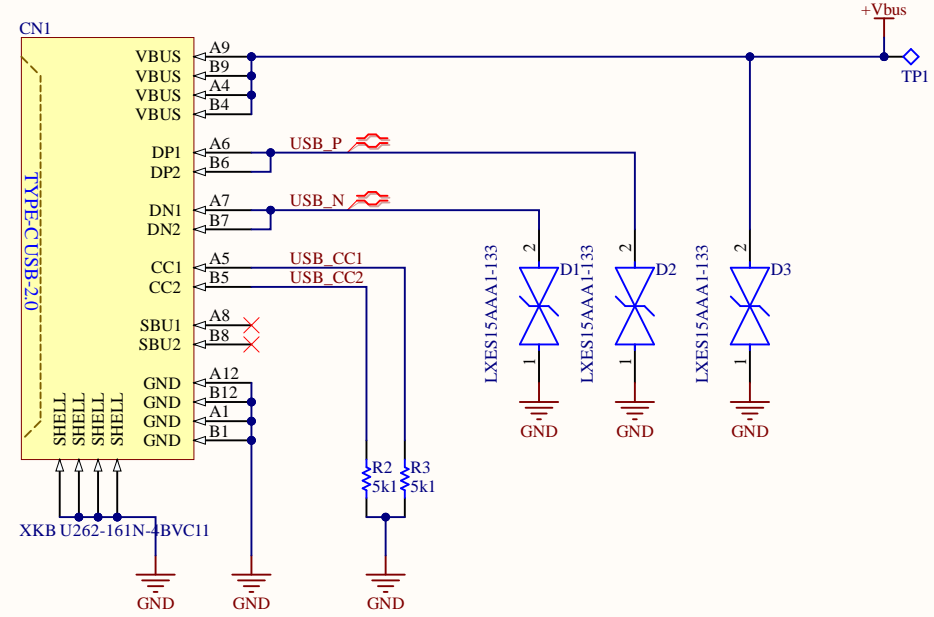
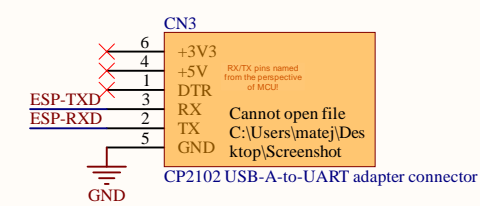


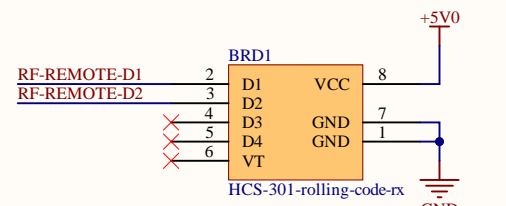
## USB-C connector (ESP debug & comms)



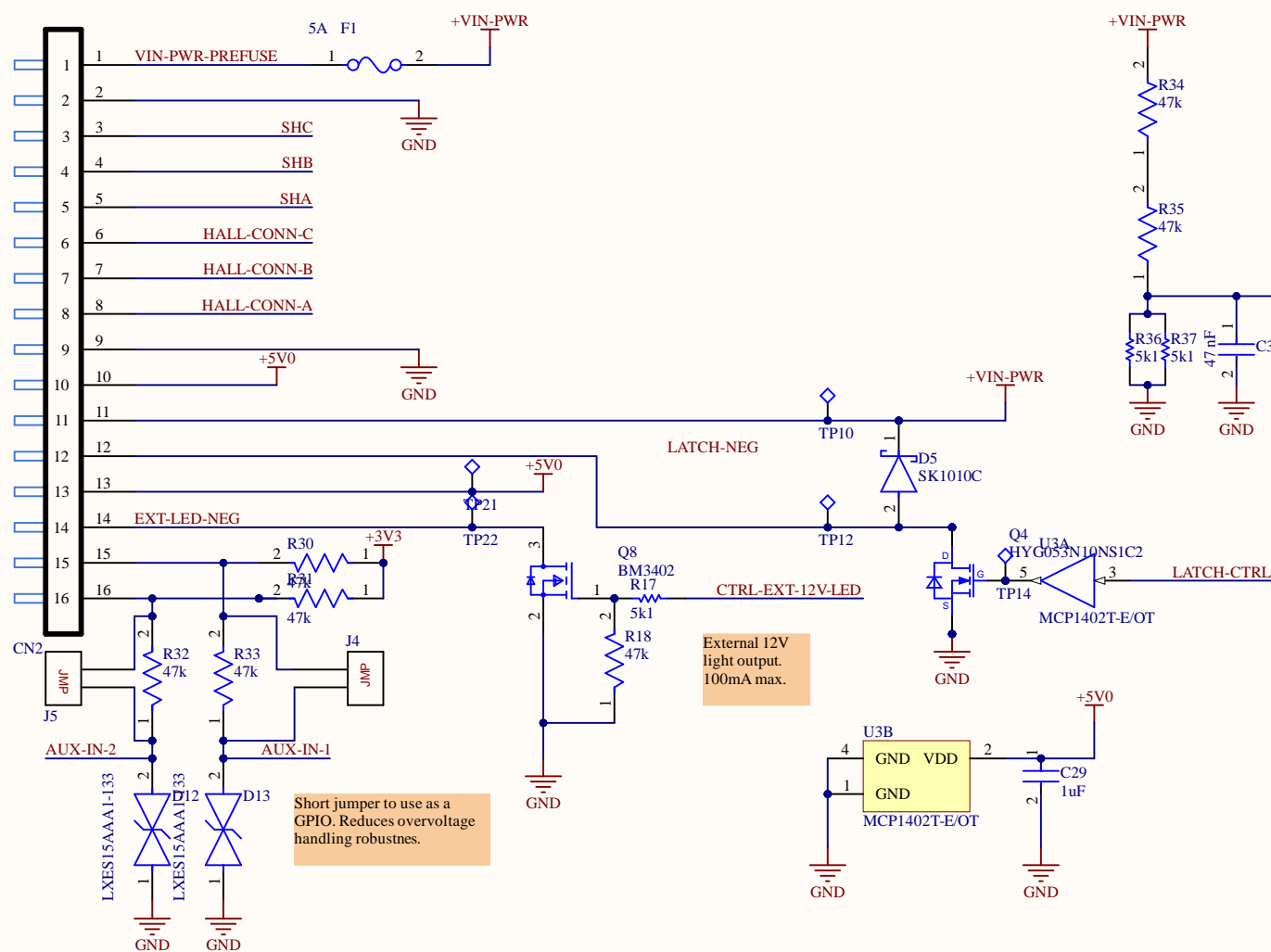
## Debug UART (to ESP)



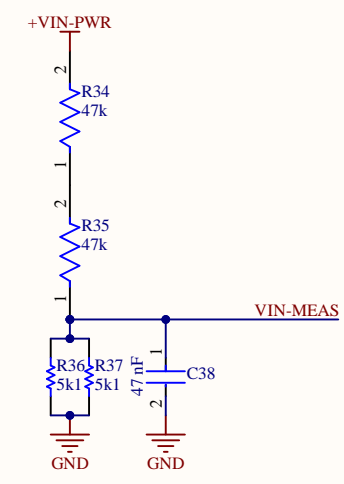
## HCS301 RF module (optional)



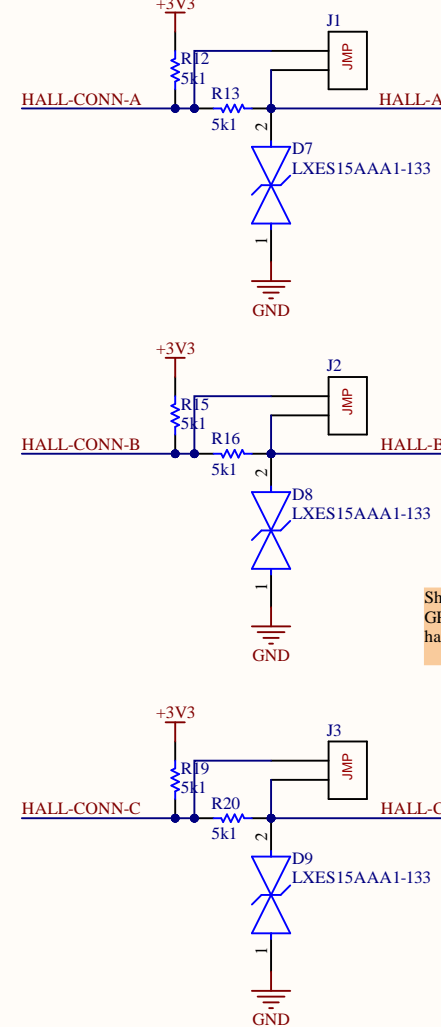
## Main connector



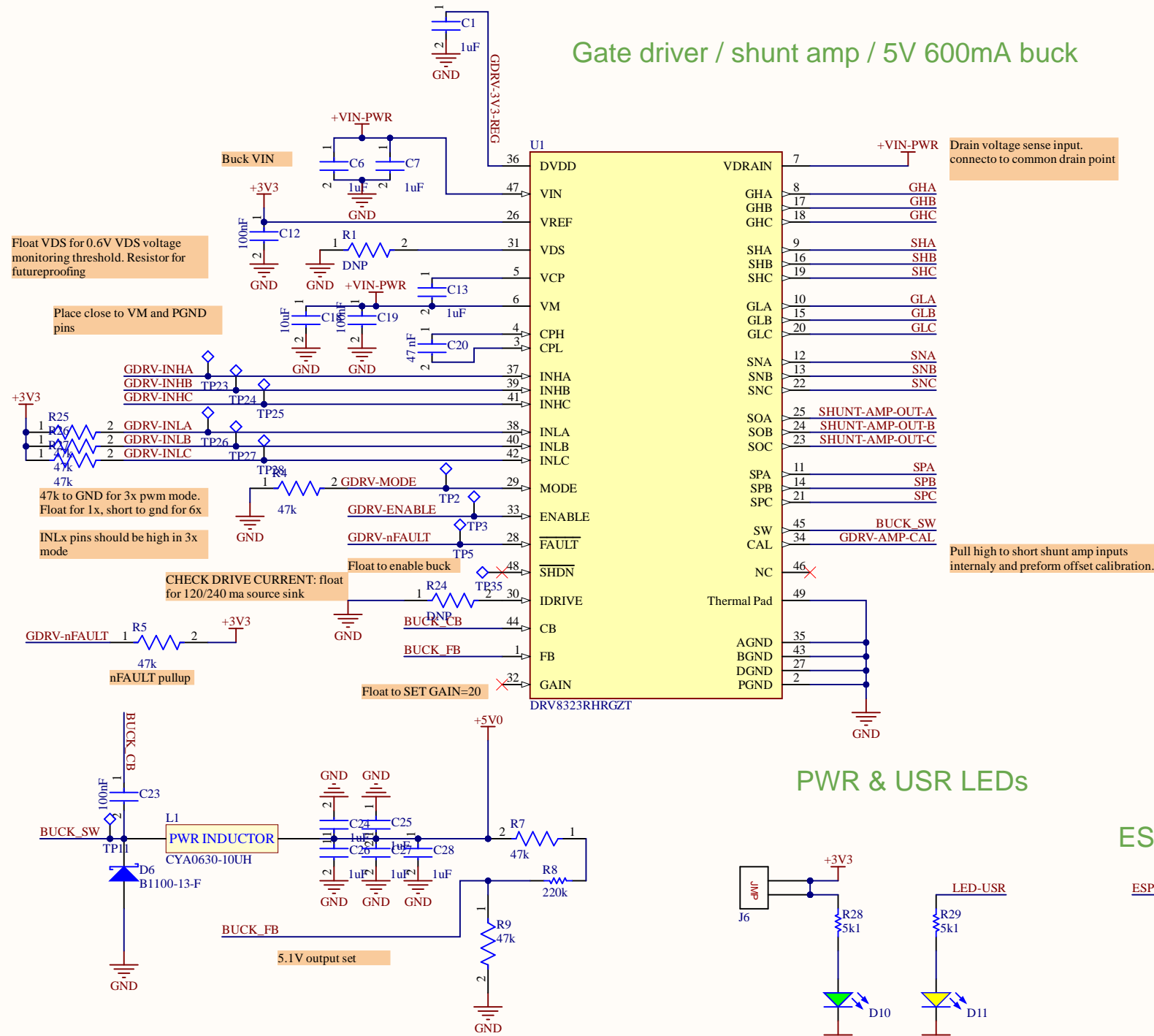
## VIN voltage sense



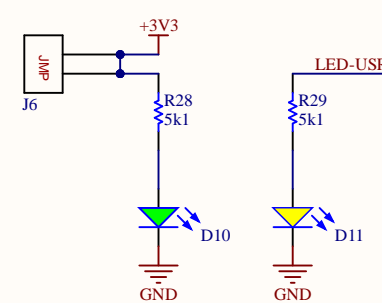
## HALL input protection



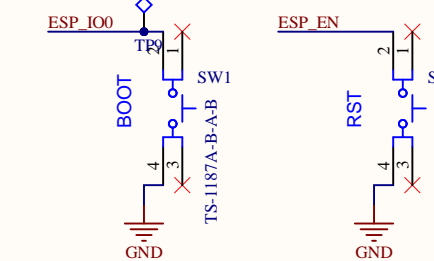
## Gate driver / shunt amp / 5V 600mA buck



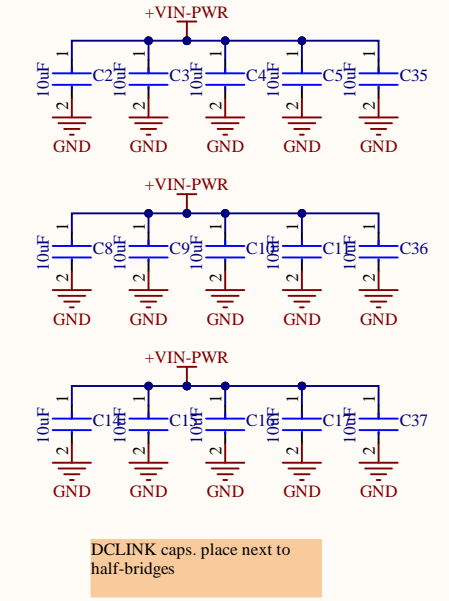
## PWR & USR LEDs



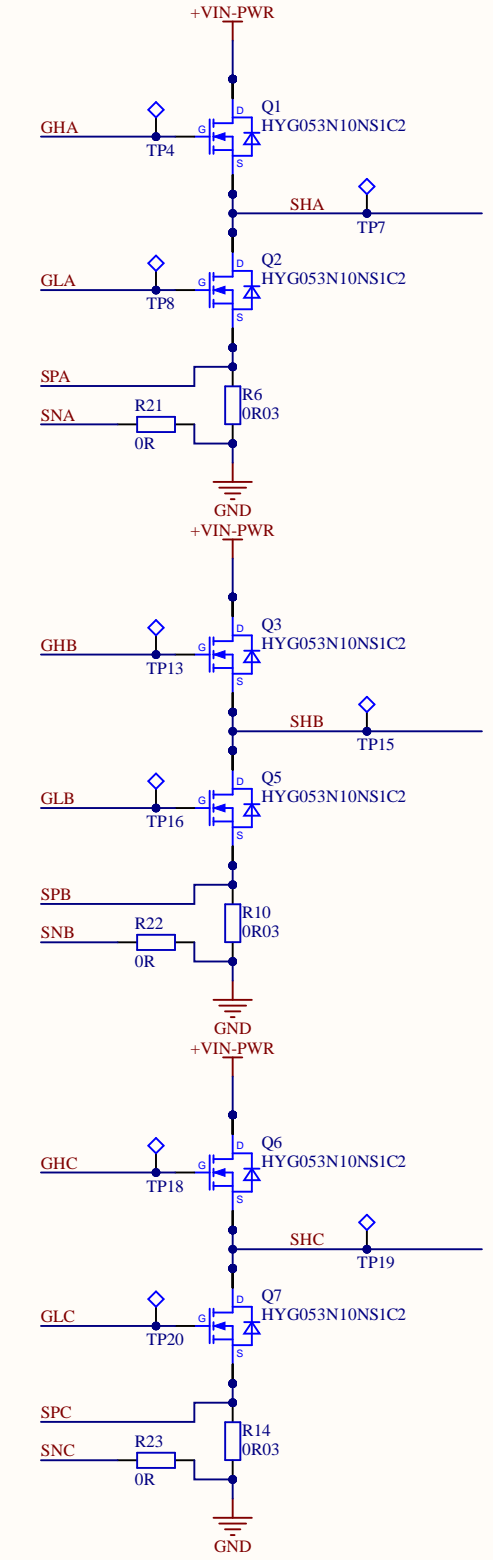
## ESP BOOT & RST buttons



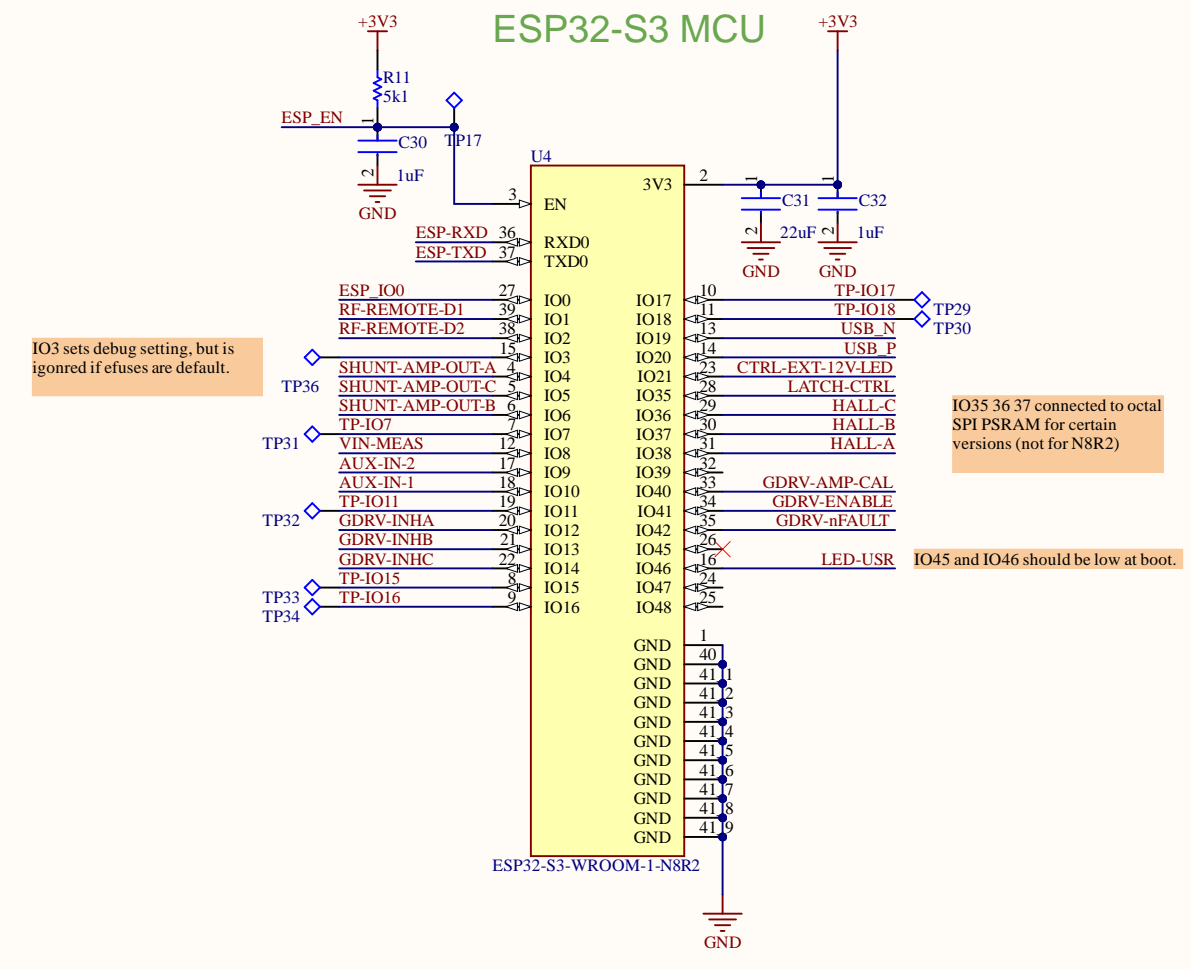
## Bulk driver capacitance



## Half bridges



## ESP32-S3 MCU



Title		
Size	Number	Revision
A2		
Date:	2/01/2024	Sheet of
File:	C:\Users\...\HoverGate-V2-sch.SchDoc	Drawn By: