

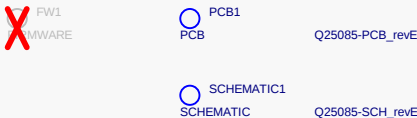


JETMORE MAIN CONTROL BOARD
Industrial Design
1237558 (WITHOUT TELEMETRY)

Changelog:
Q26037-003
RevA
Issue found to need to monitor the Bulk Capacitance.
The Trip is at 48.25 and won't release unless key cycle or drop below 38.95V

Q25085-SCH_revD
Q25085-PCB_revD:
Change naming convention to QXXXXX-SCH/PCB_revX
Populate R218 to update HW bits to REV 3
Remove R143, R206, R212, R213, R220, R219, R201, R208
Remove C133, C150, C149, CB5
Remove D30 and D31
Remove U28
Remove TPc1, TPc2, TPc3, TPc4, TPc5
Change U16 to Q19071-005
Add D52
Add R499, R500, R501, R502, R503, R504
Add C509, C510
Add U87, U88

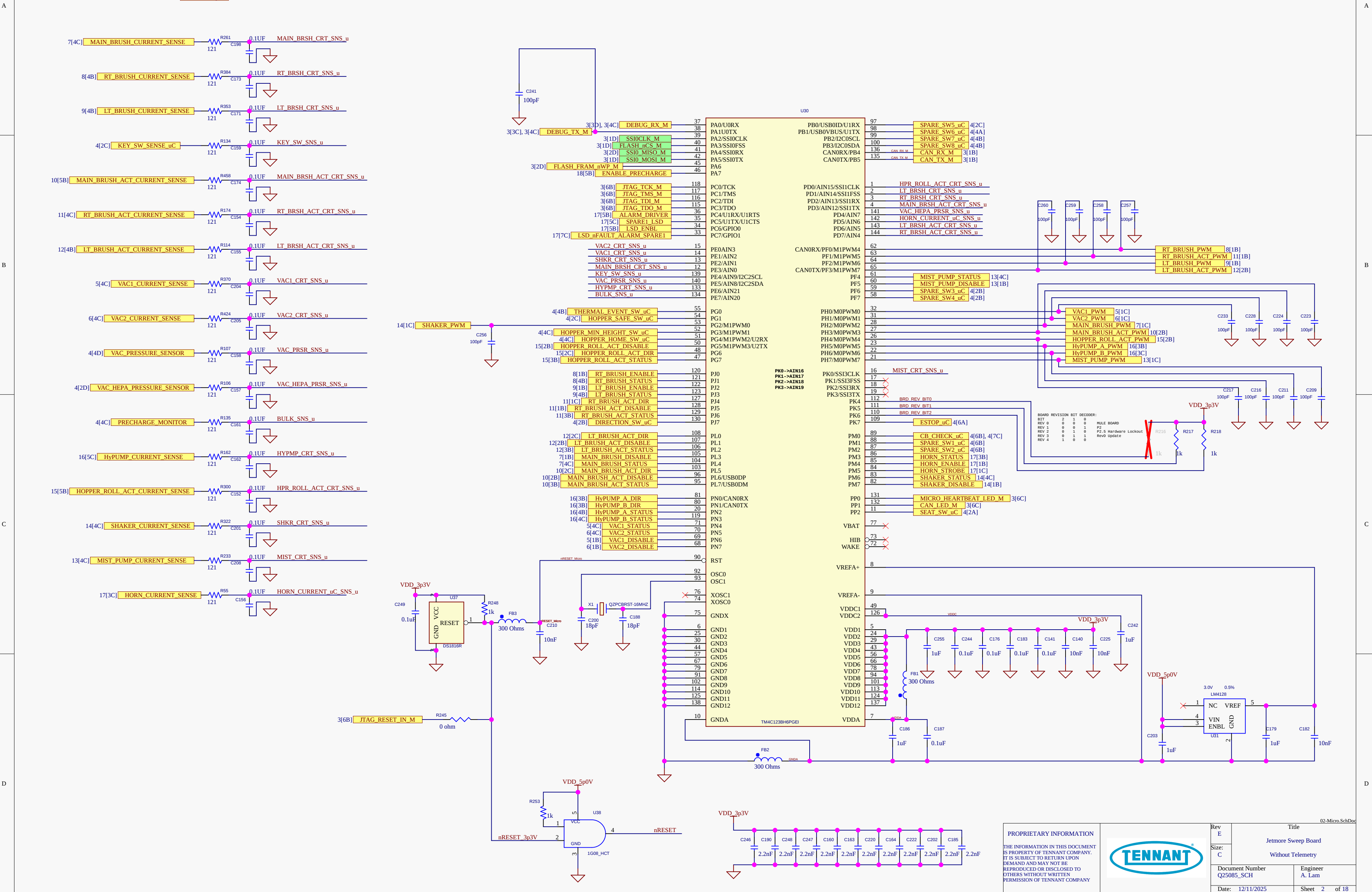
Q25085-SCH_revE:
Q25085-PCB_revE:
Fix via sizes that are in pads from 12mil to 12.1mil to be VIPPO
Change R501 to Q10015-527
Change R502 to Q10015-347



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		Rev E	Title
		Size: B	Jetmore Sweep Board Without Telemetry
		Document Number Q25085_SCH	Engineer A. Lam
		Date: 12/11/2025	Sheet 1 of 18

MAIN MICRO

VAC1, VAC2, MAIN BRUSH, RT BRUSH, LT BRUSH, MAIN ACT, RT ACT, LT ACT

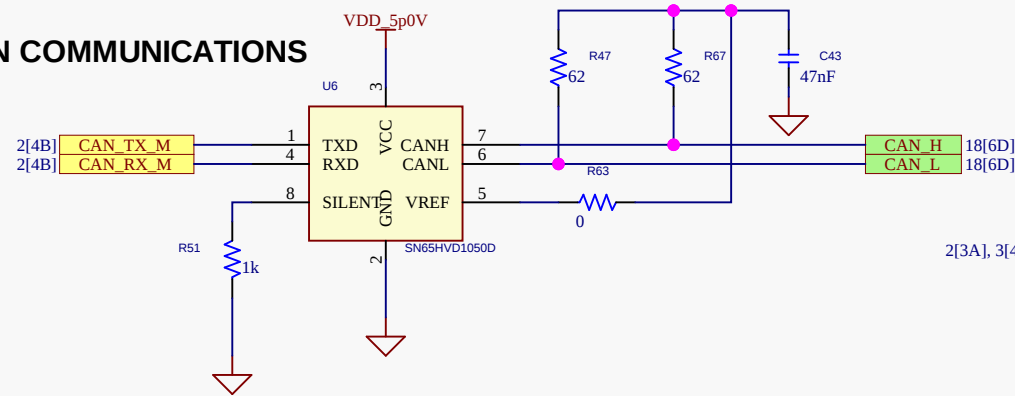
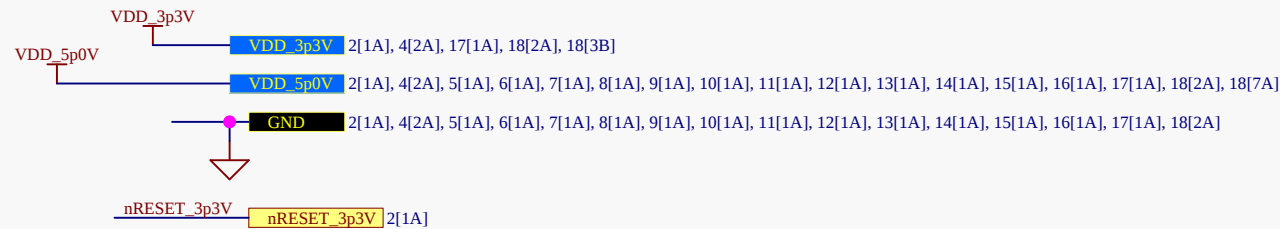


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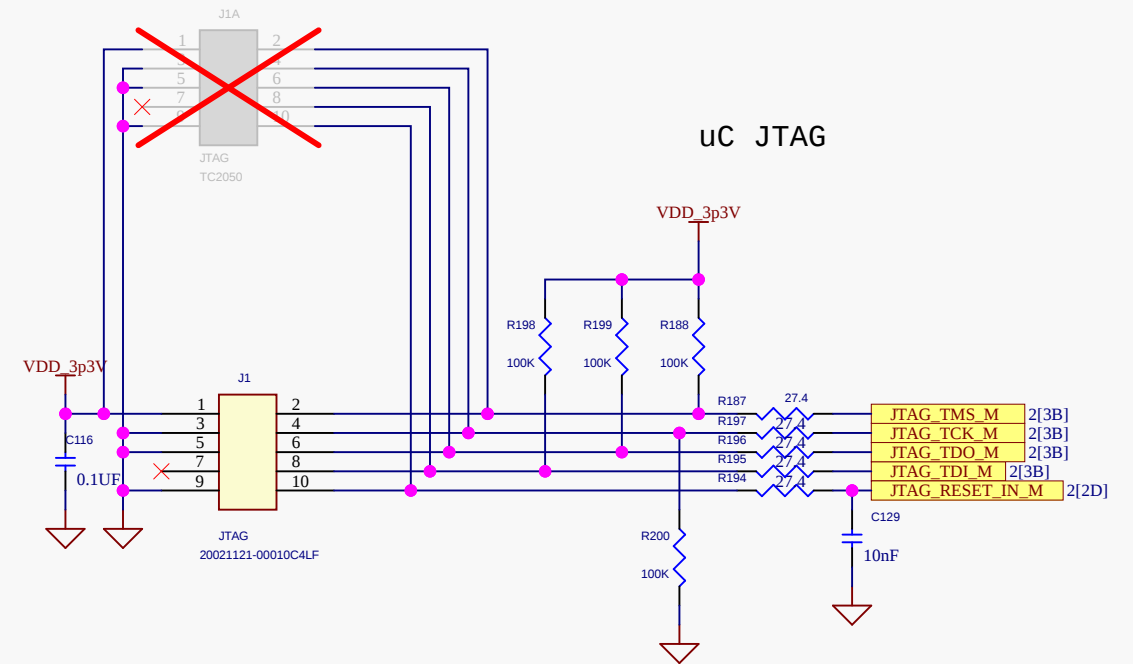
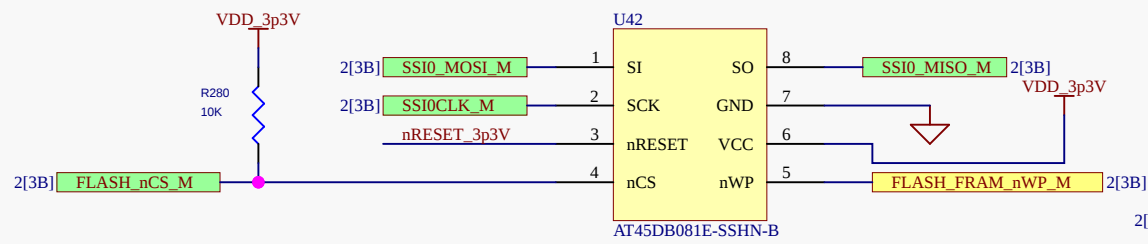


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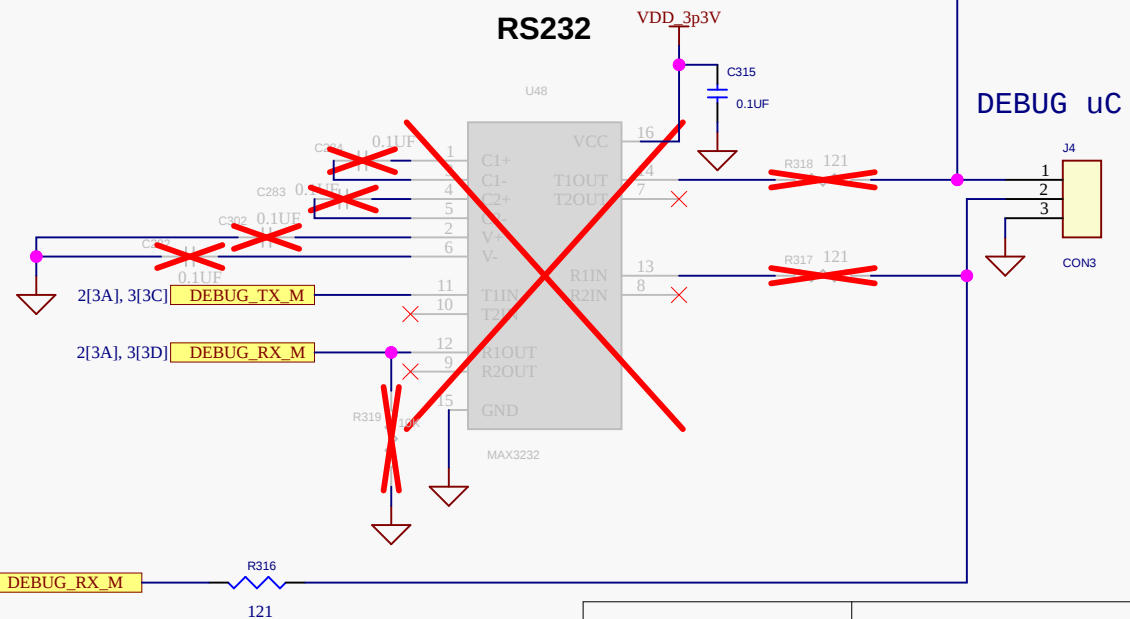
INTERFACES CONNECTORS



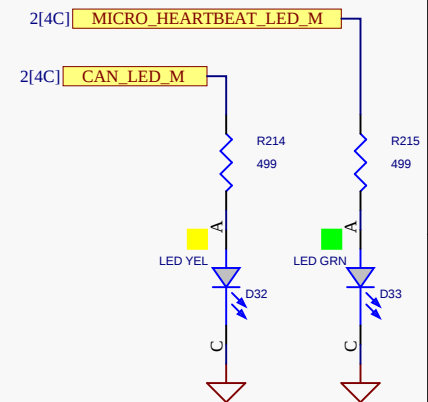
FLASH



RS232



DEBUG uC



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	Rev
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E

Size: B

Document Number
Q25085_SCH

Date: 12/11/2025

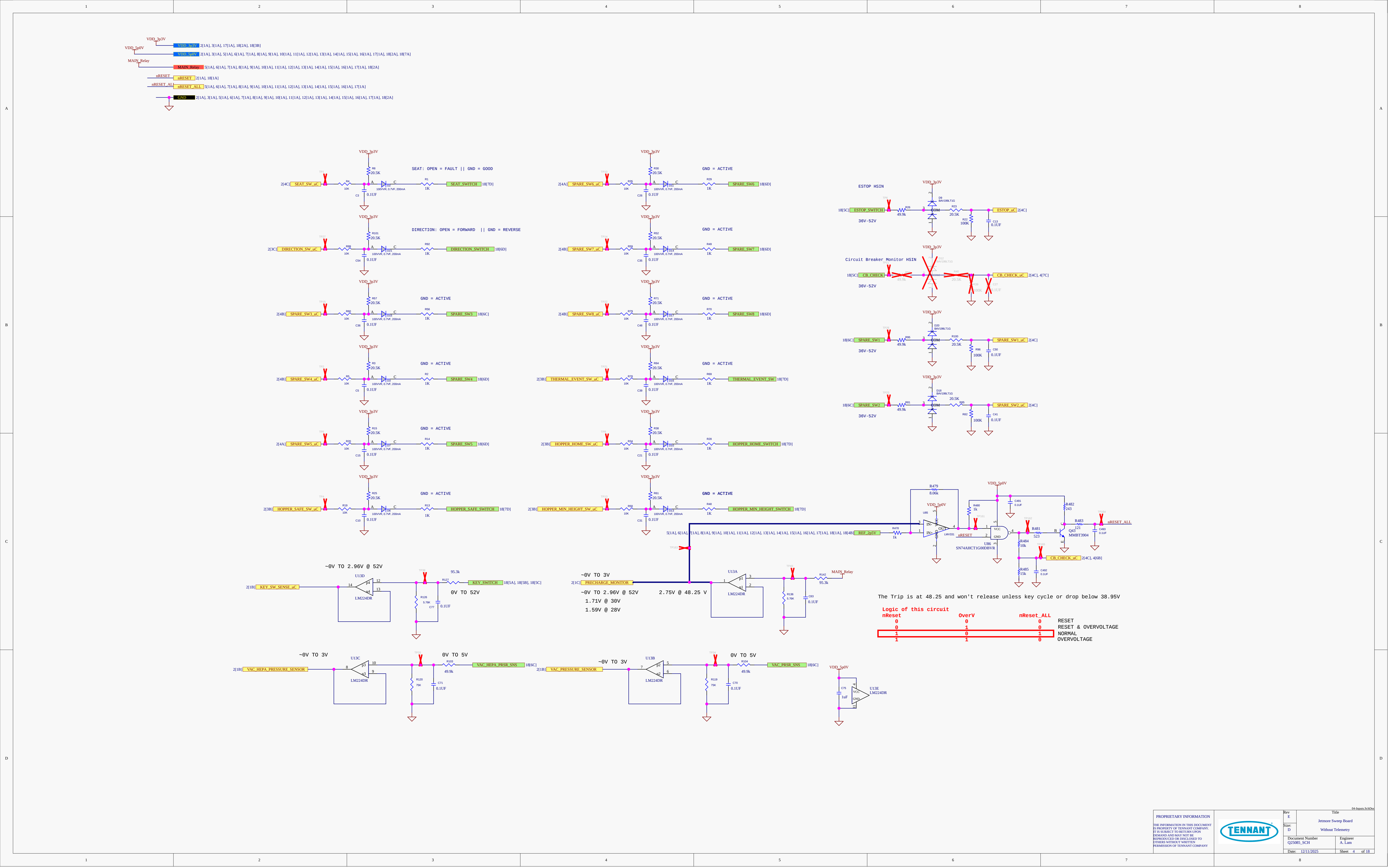
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Jetmore Sweep Board

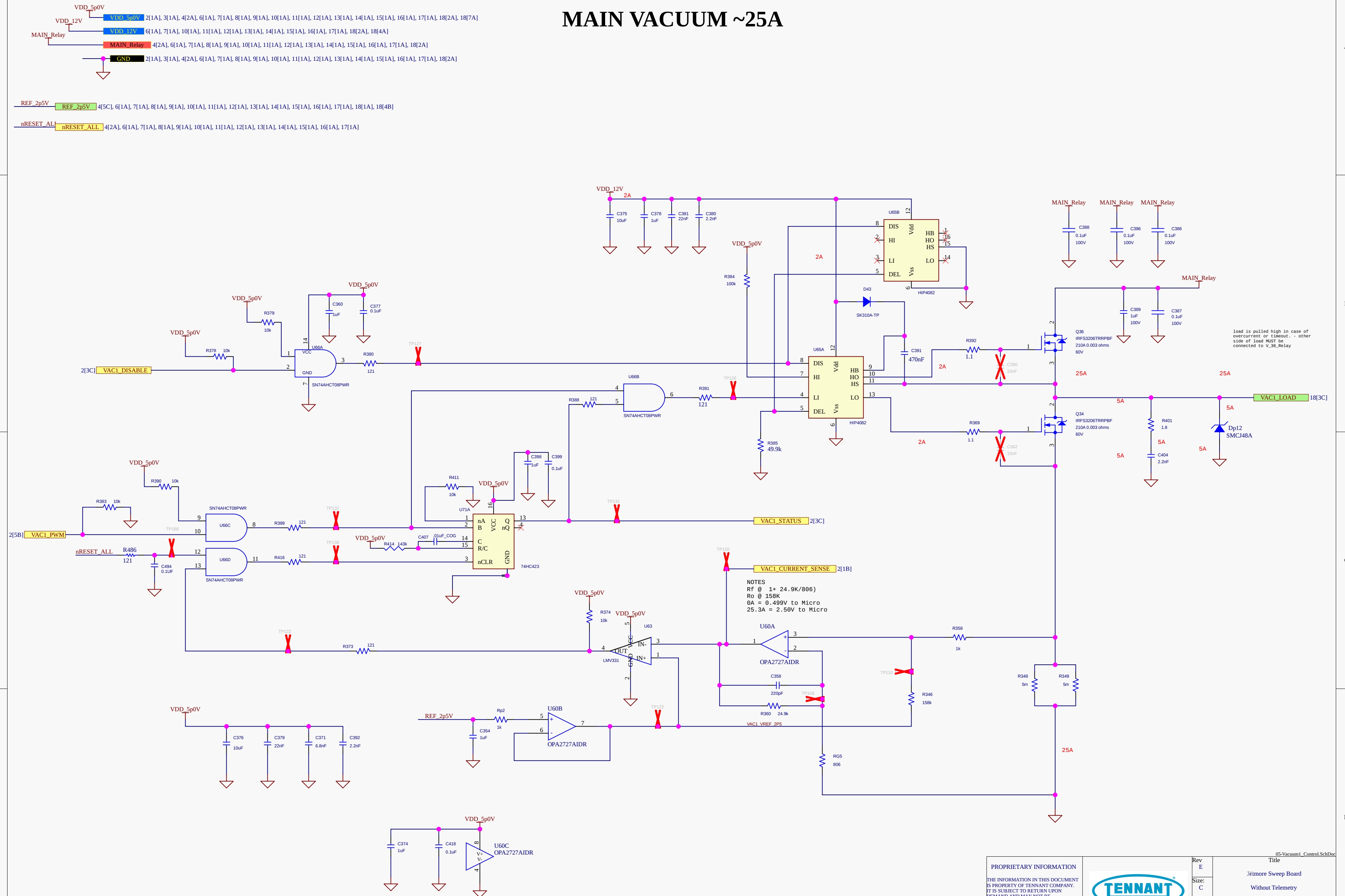
Without Telemetry

Engineer
A. Lam

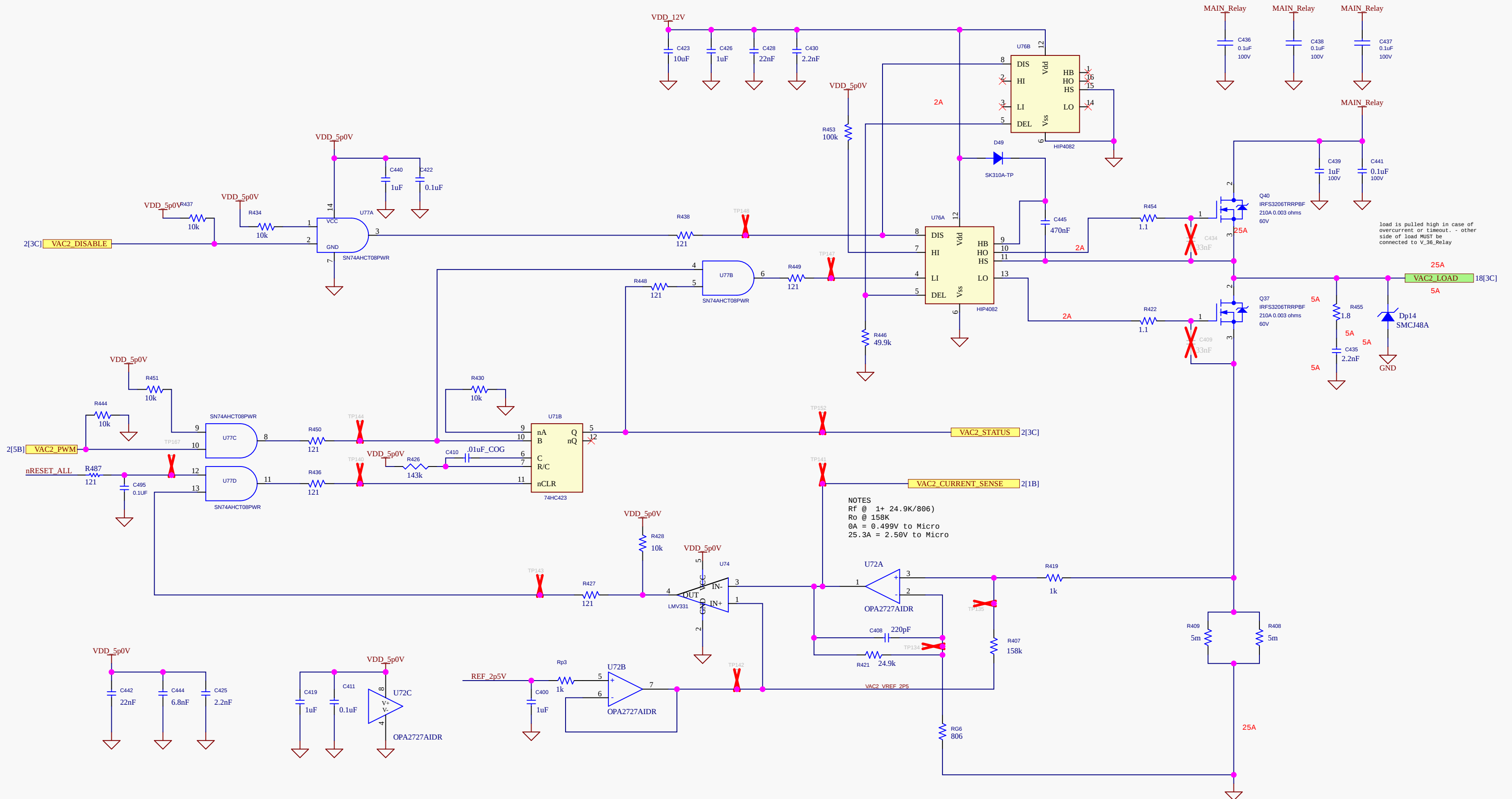
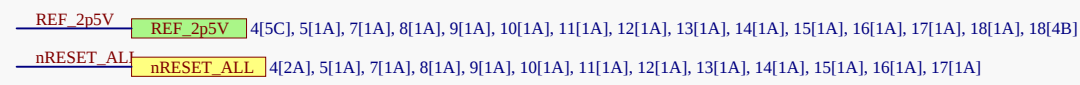
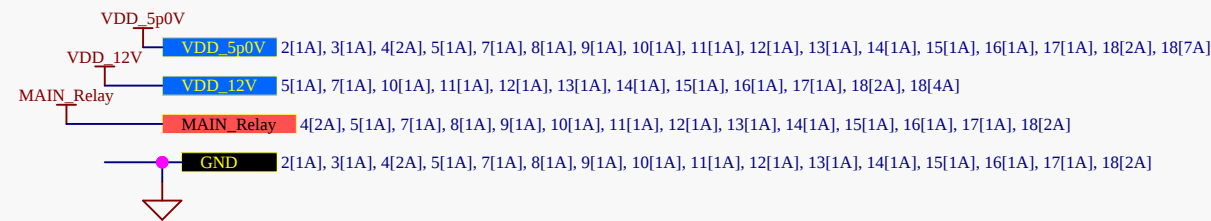
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Jetmore
VACUUM HALF BRIDGE
MAIN VACUUM ~25A

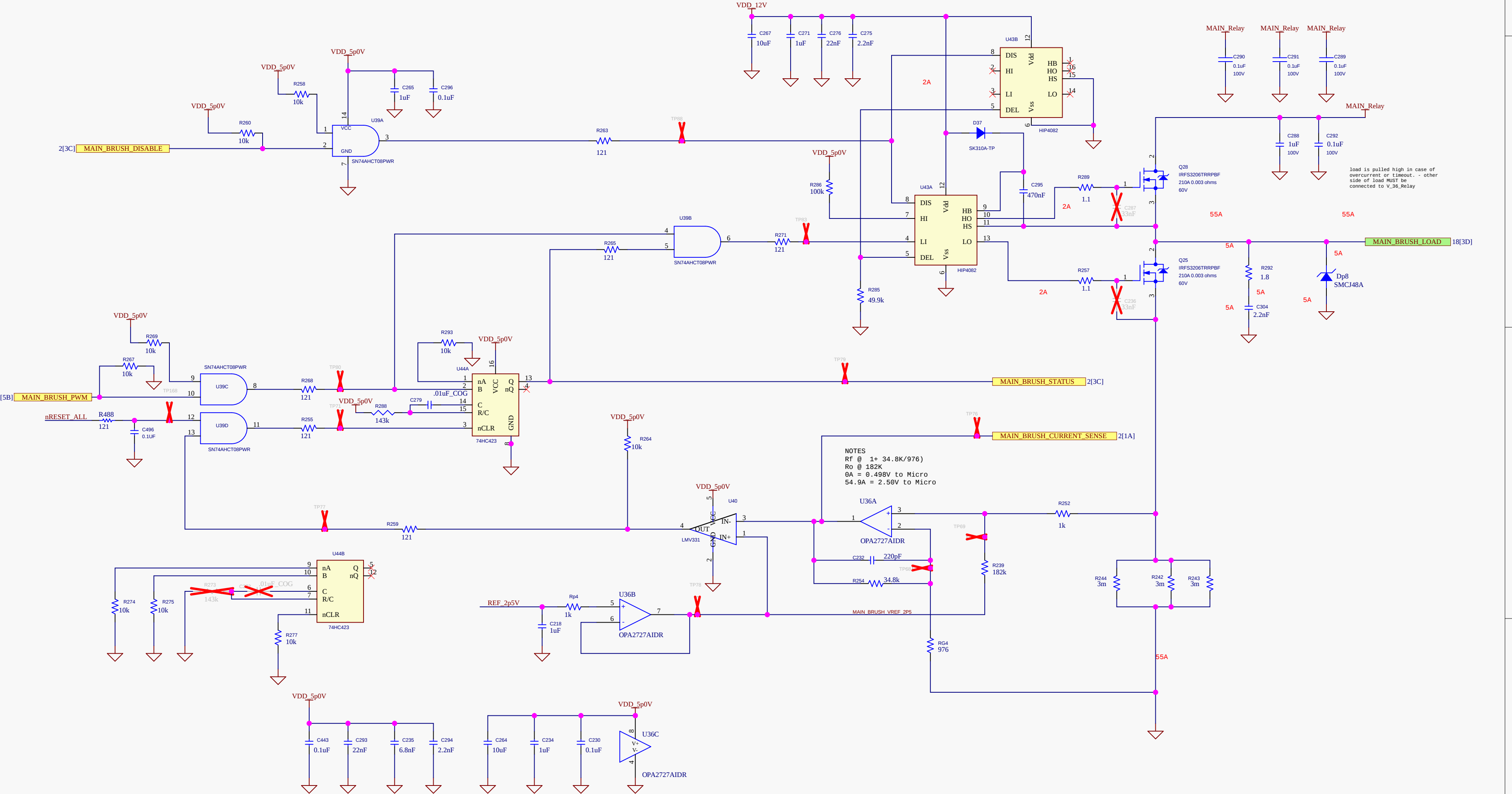
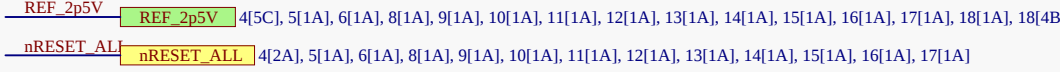
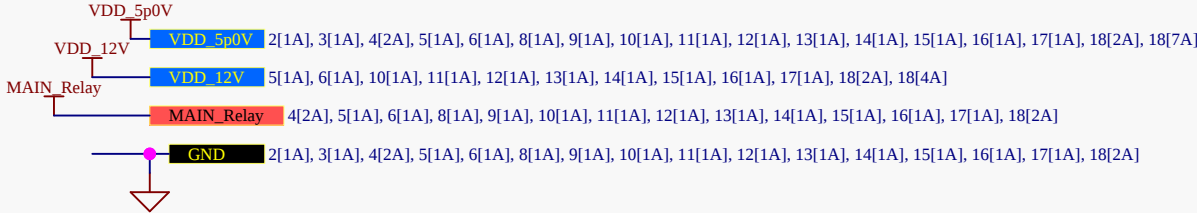


**Jetmore
VACUUM HALF BRIDGE
SECONDARY VACUUM ~25A**



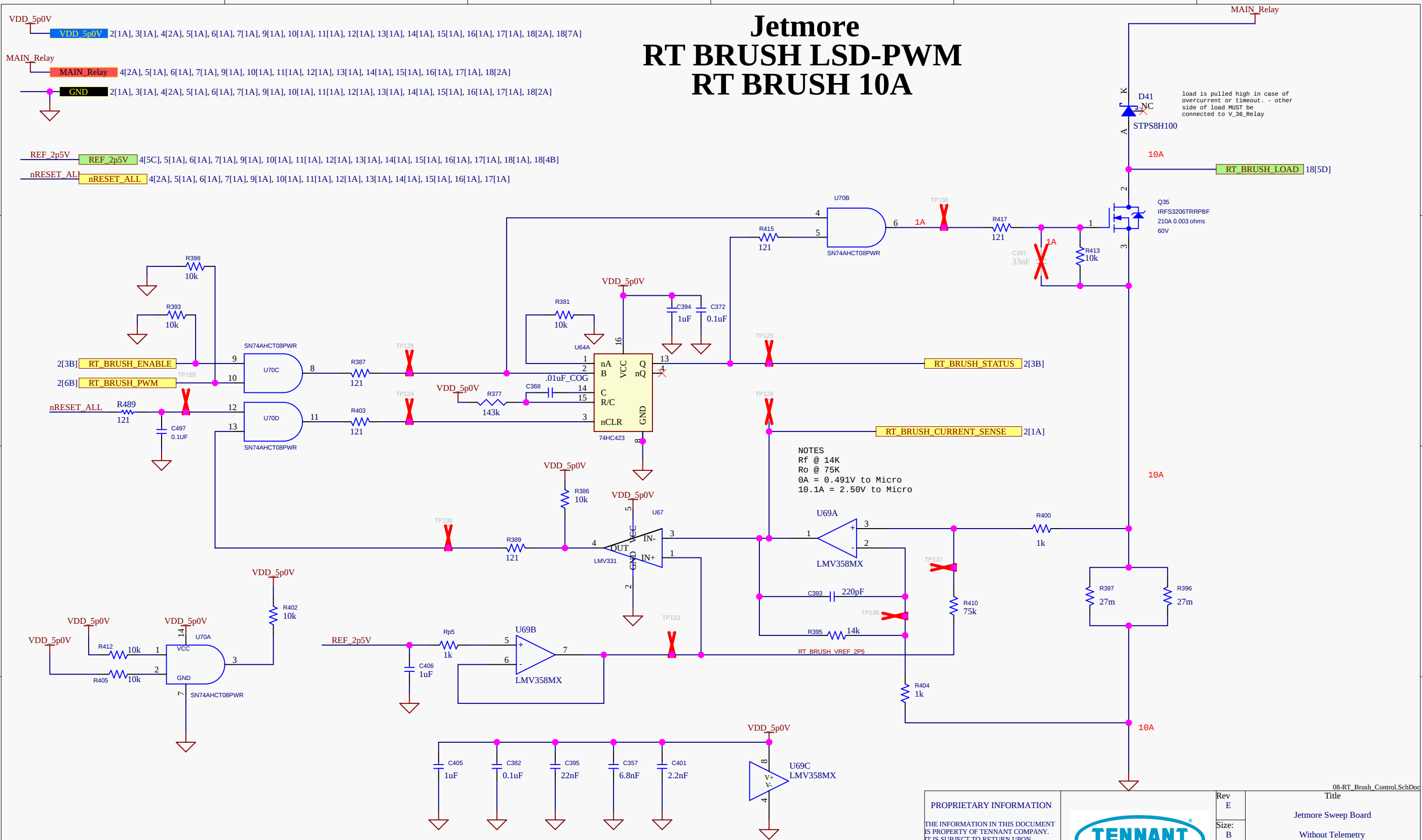
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MAIN BRUSH HALF BRIDGE
MAIN BRUSH ~55A MAX PEAK



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Jetmore
RT BRUSH LSD-PWM
RT BRUSH 10A



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	Rev
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Size	1
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08-R1_Brush

Jetmore Sweep Board

Without Telemetry

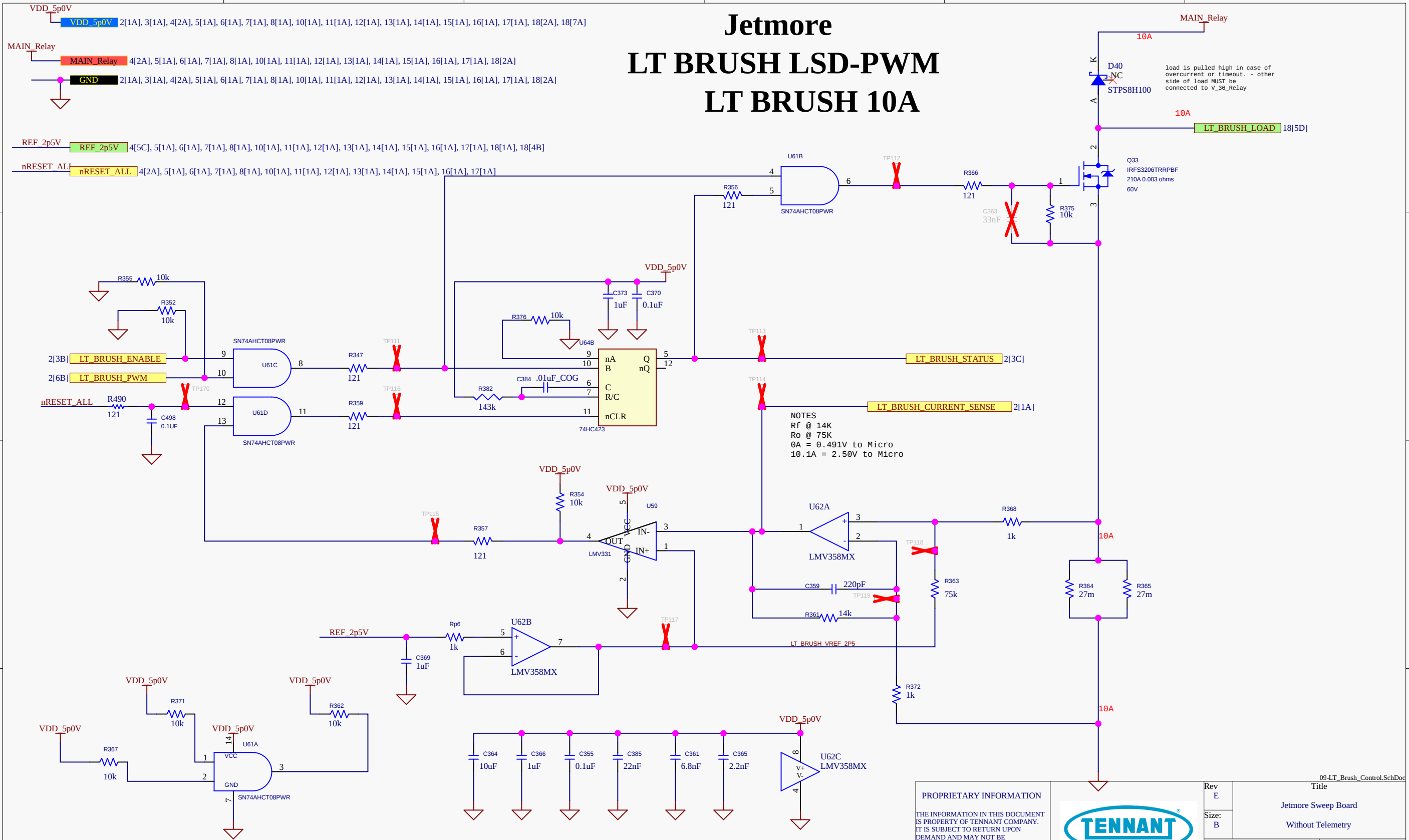
Document Number
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A. Lam

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LT BRUSH LSD-PWM
LT BRUSH 10A

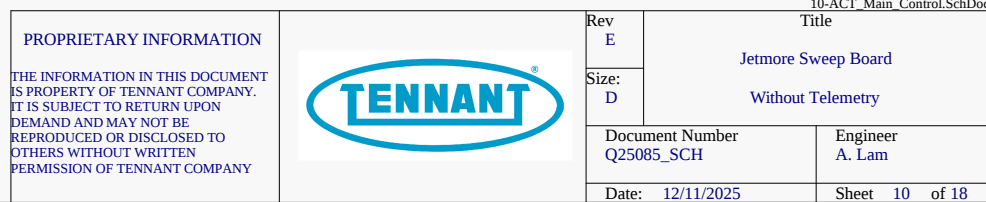


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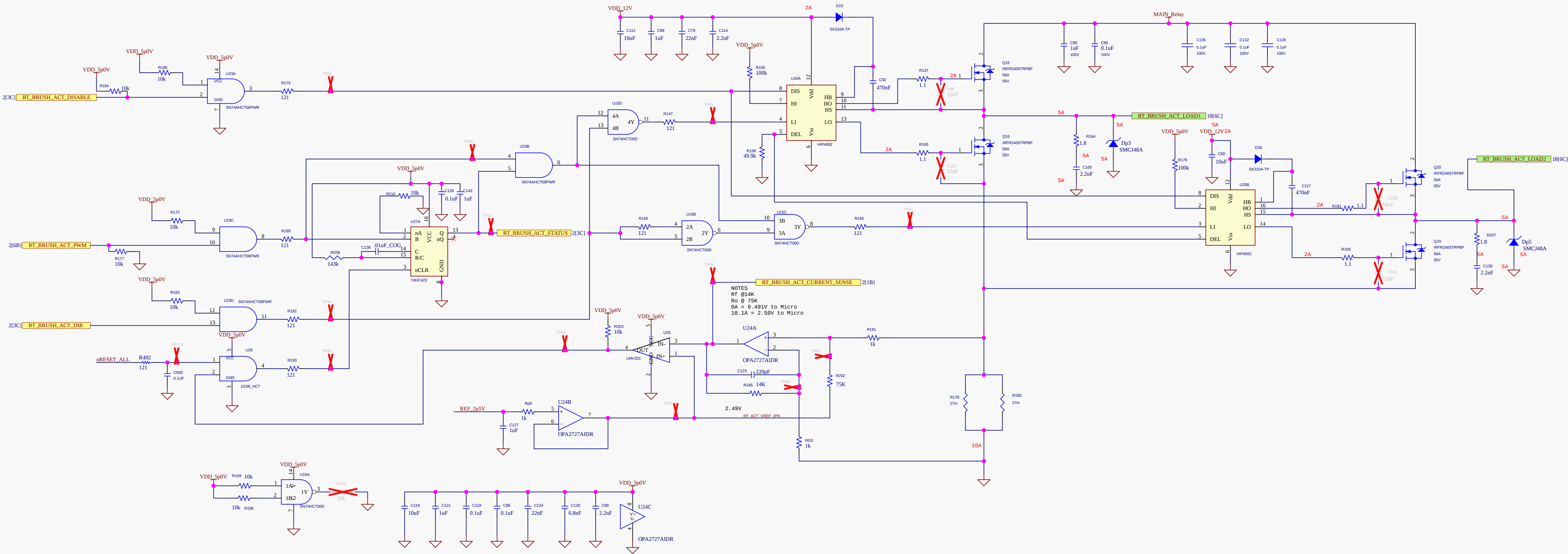
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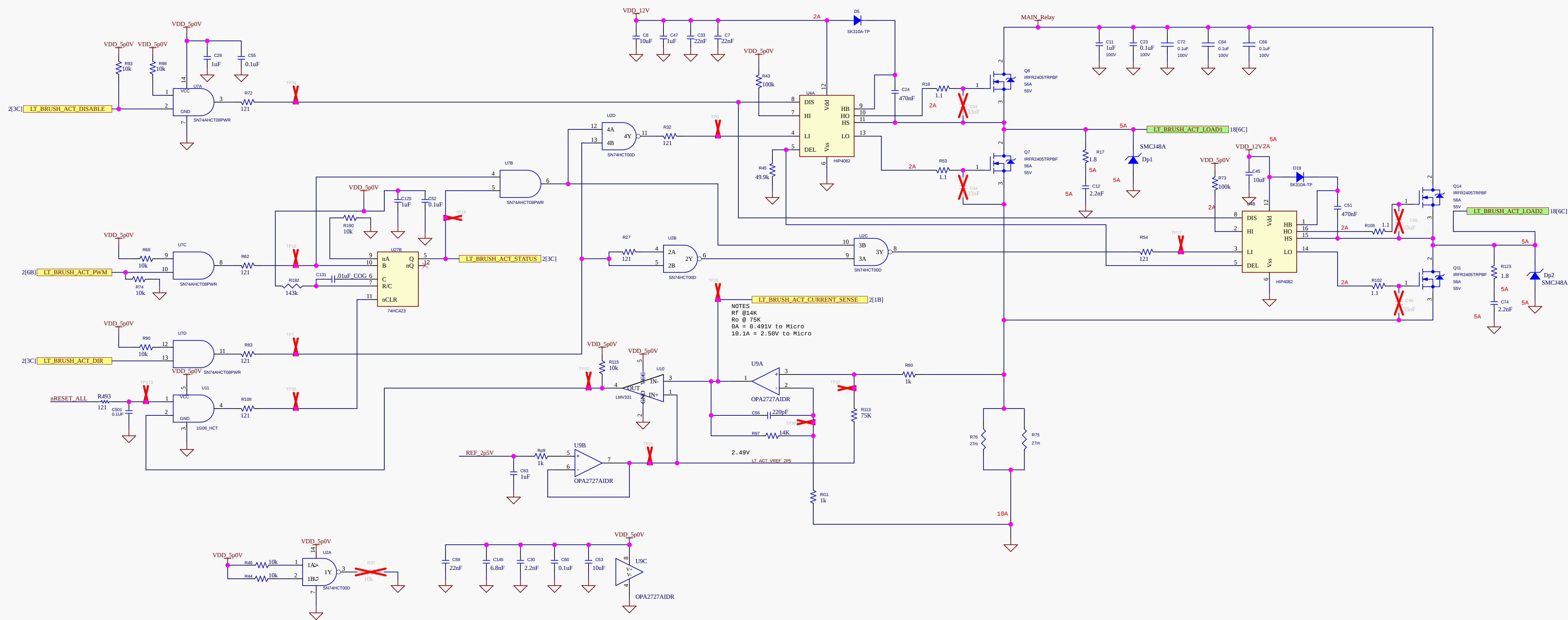
JETMORE MAIN BOARD H-BRIDGE RIGHT BRUSH ACT ~ 10.1A (10A MAX)



JETMORE

MAIN BOARD H-BRIDGE

LEFT BRUSH ACT ~ 10.1A (10A MAX)

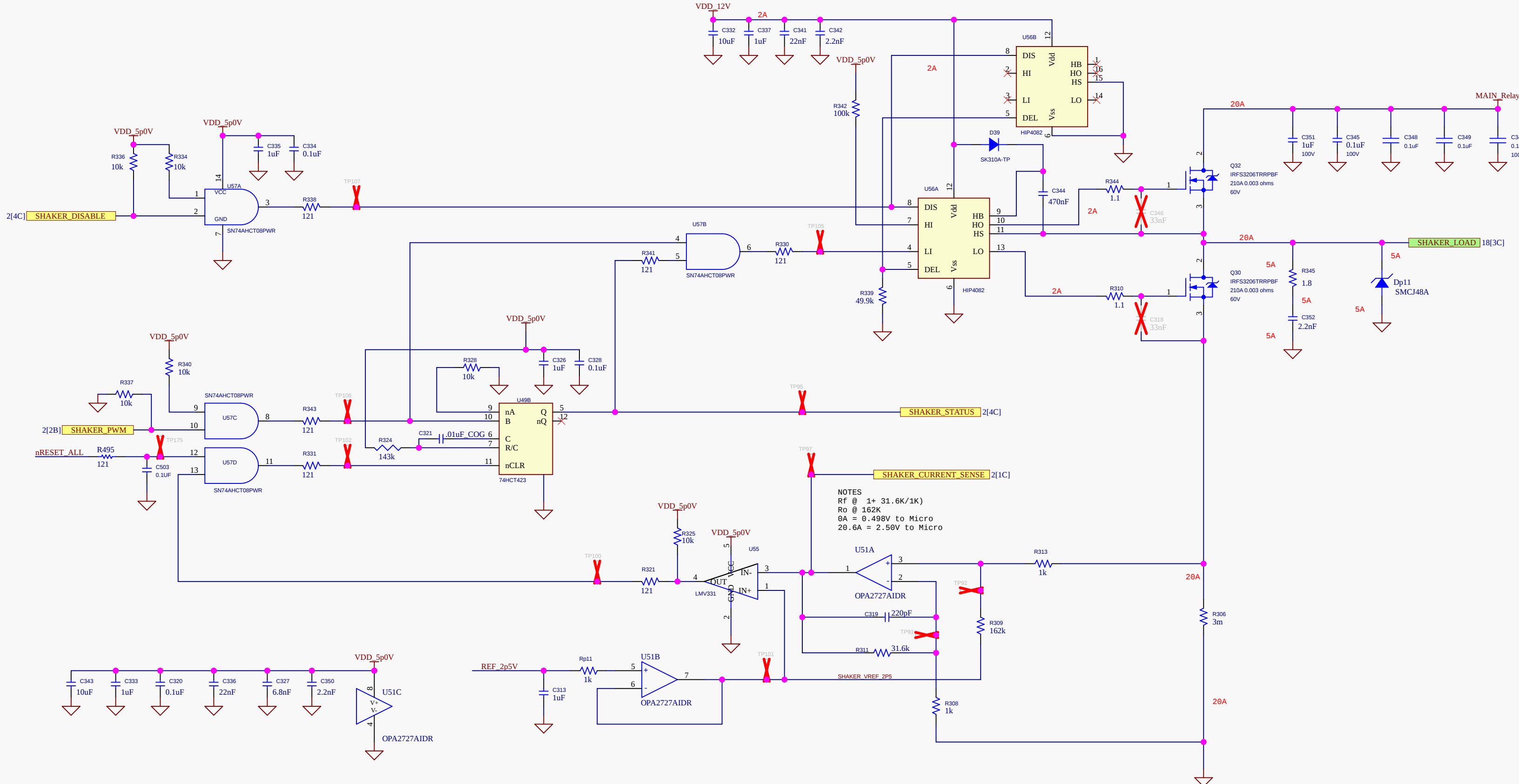
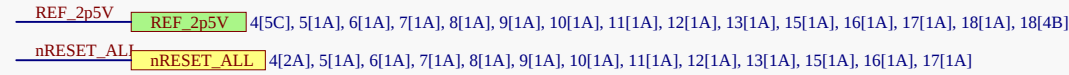
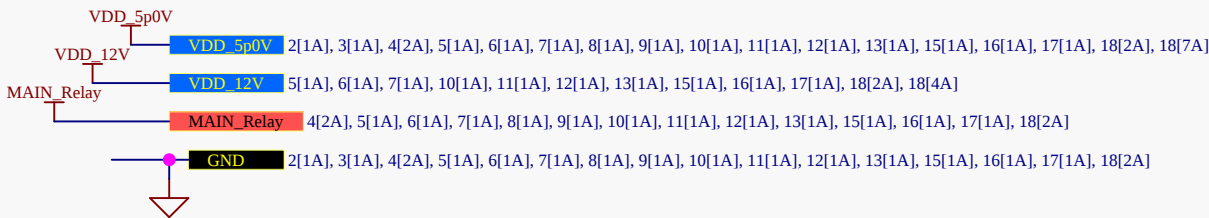


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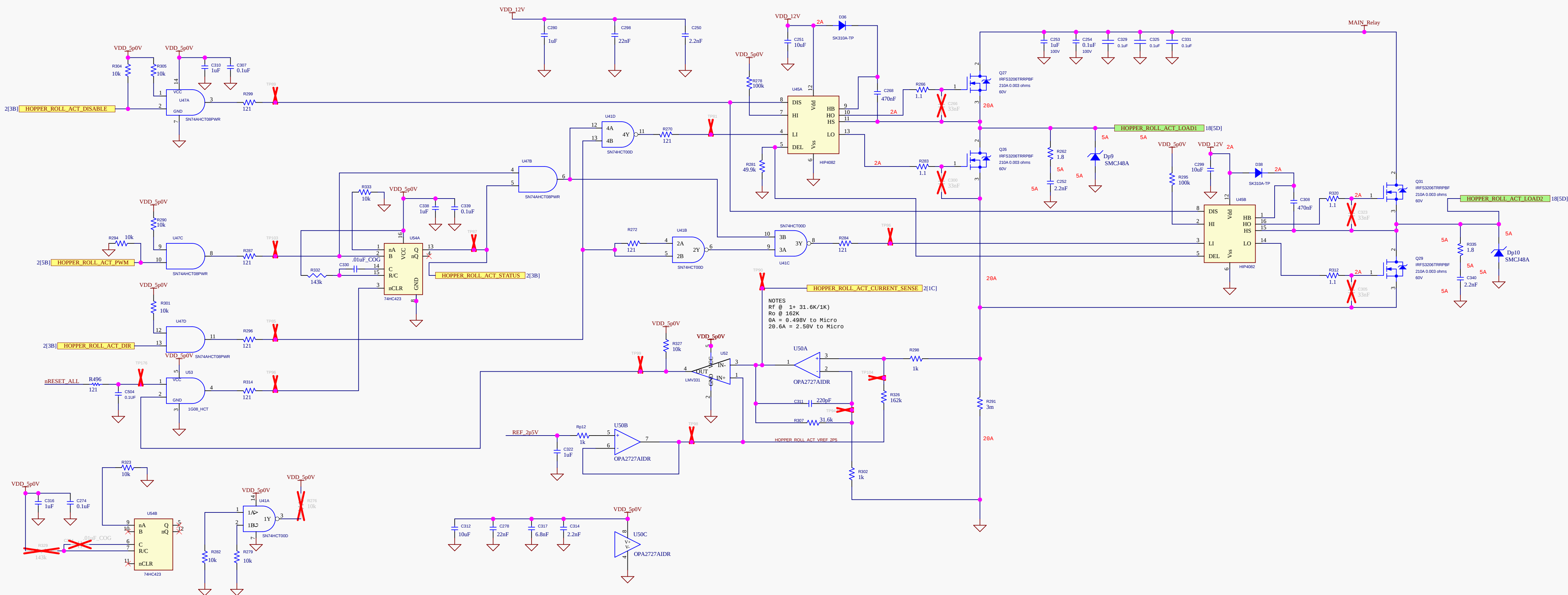
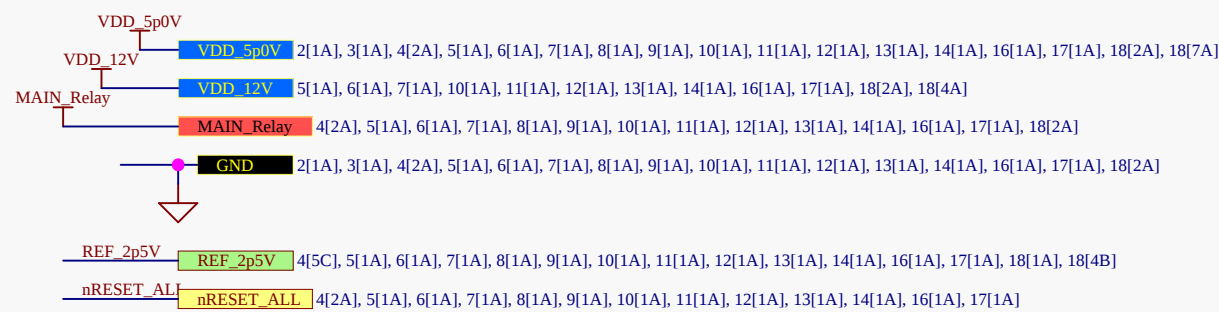
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Jetmore HALF BRIDGE SHAKER ~ 20A

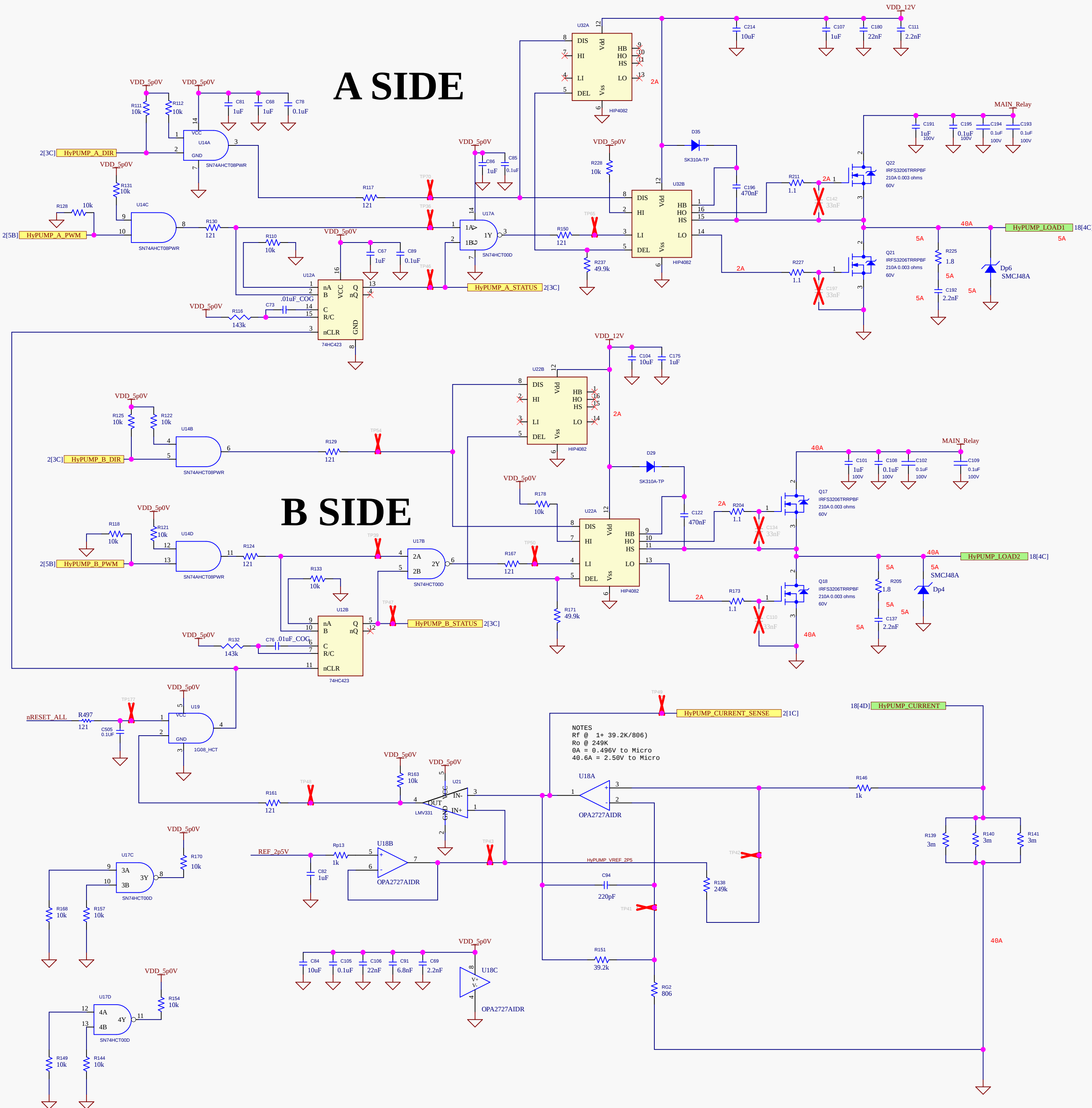


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				Title	
				Jetmore Sweep Board	
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		Size C			
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JETMORE MAIN BOARD H-BRIDGE HOPPER ROLL ACT ~20A

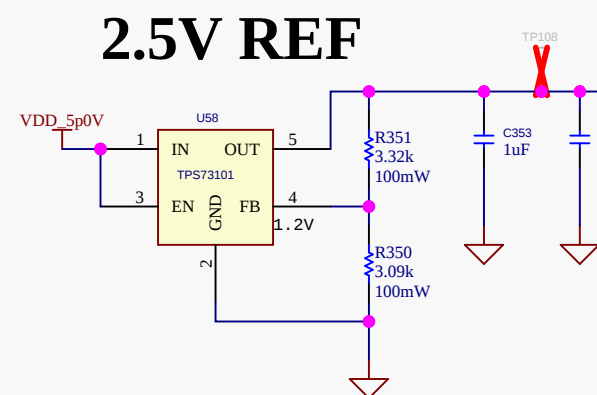
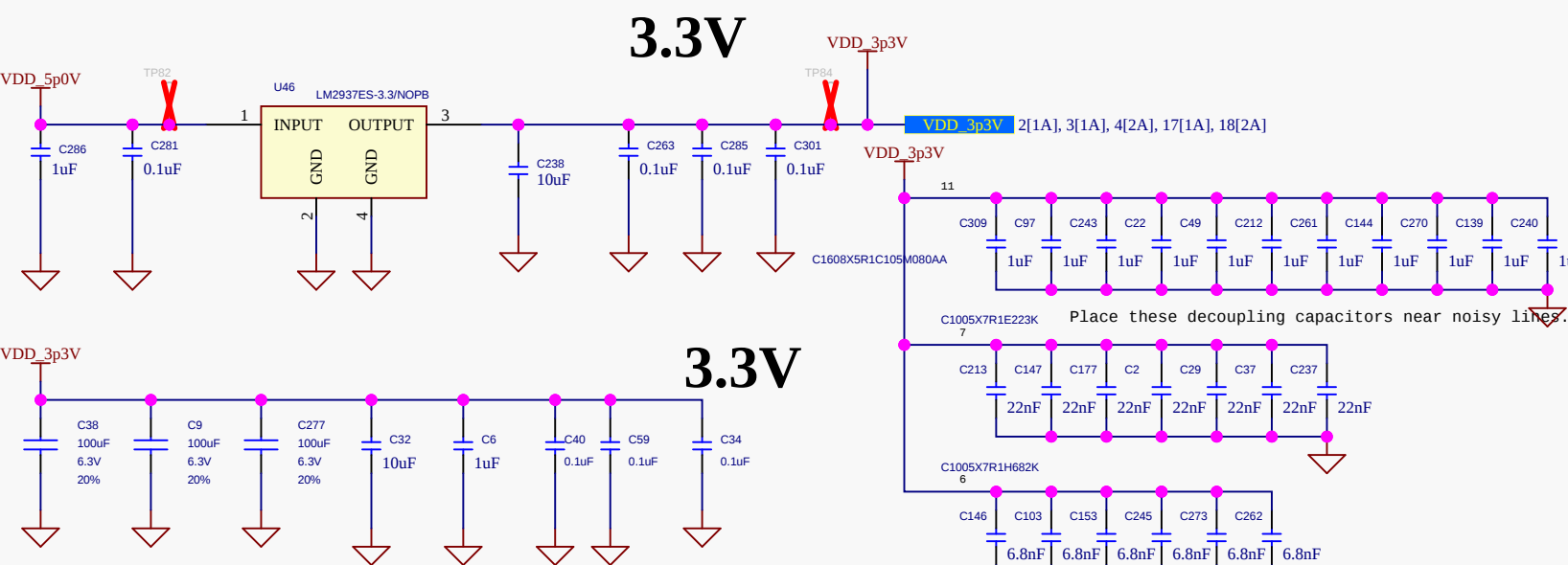
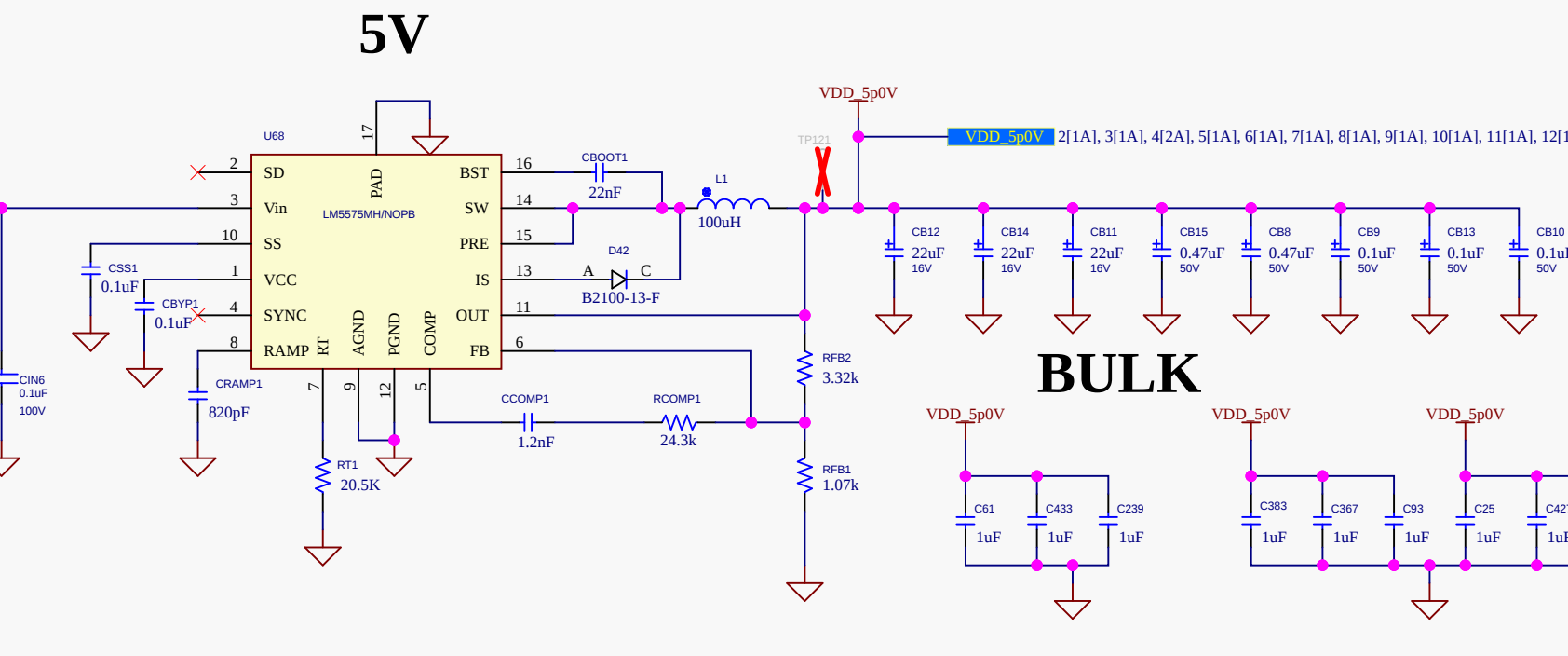
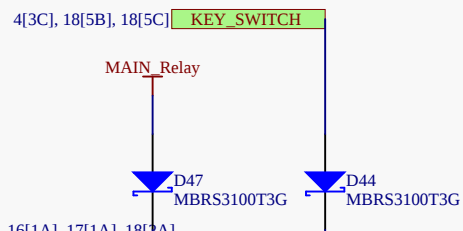
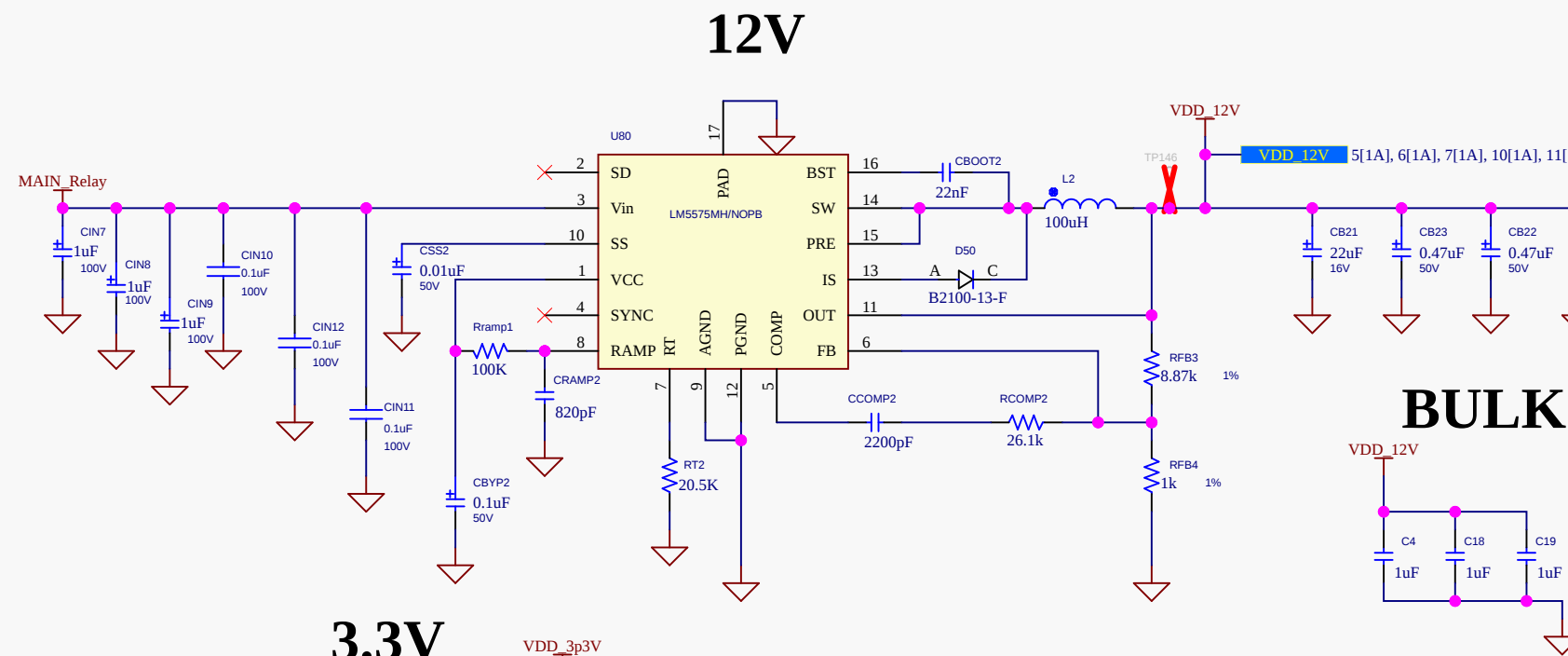
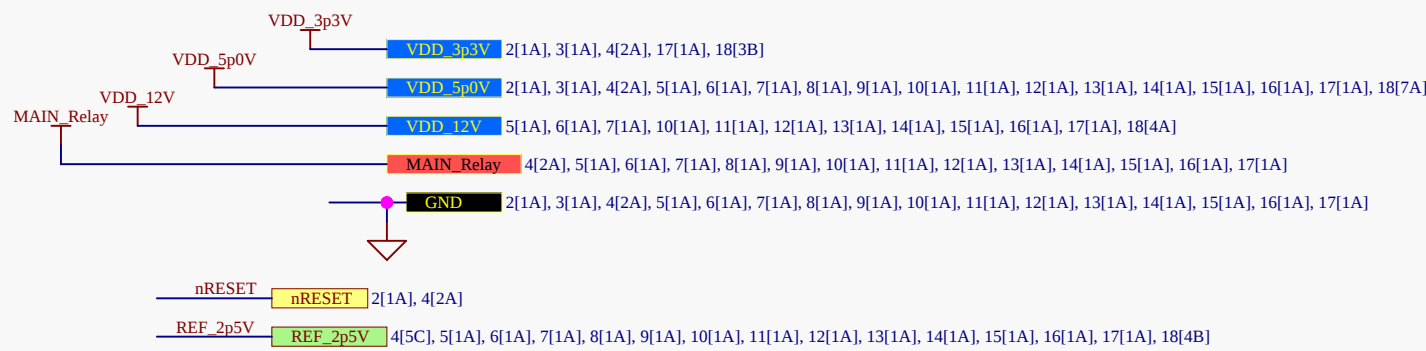


A SIDE

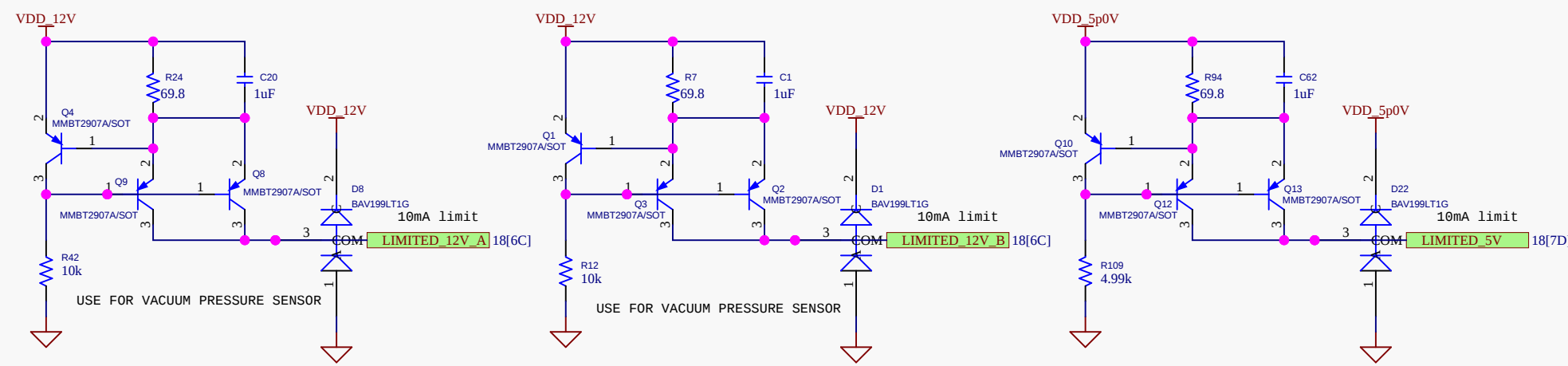
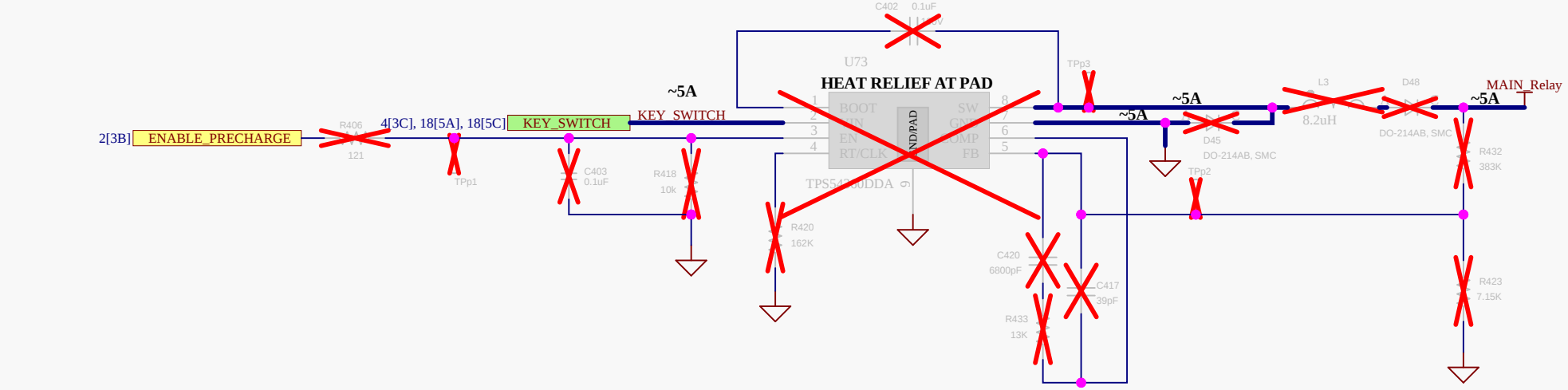


B SIDE

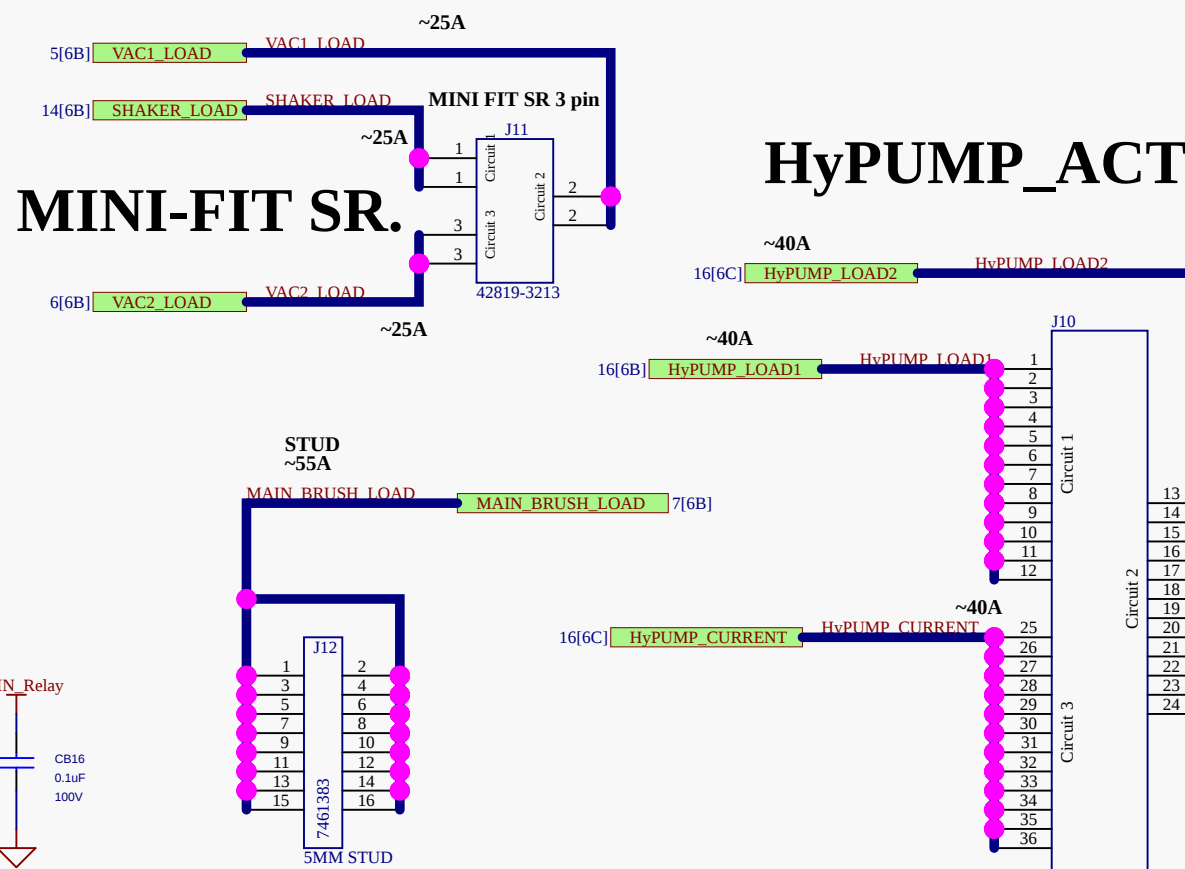
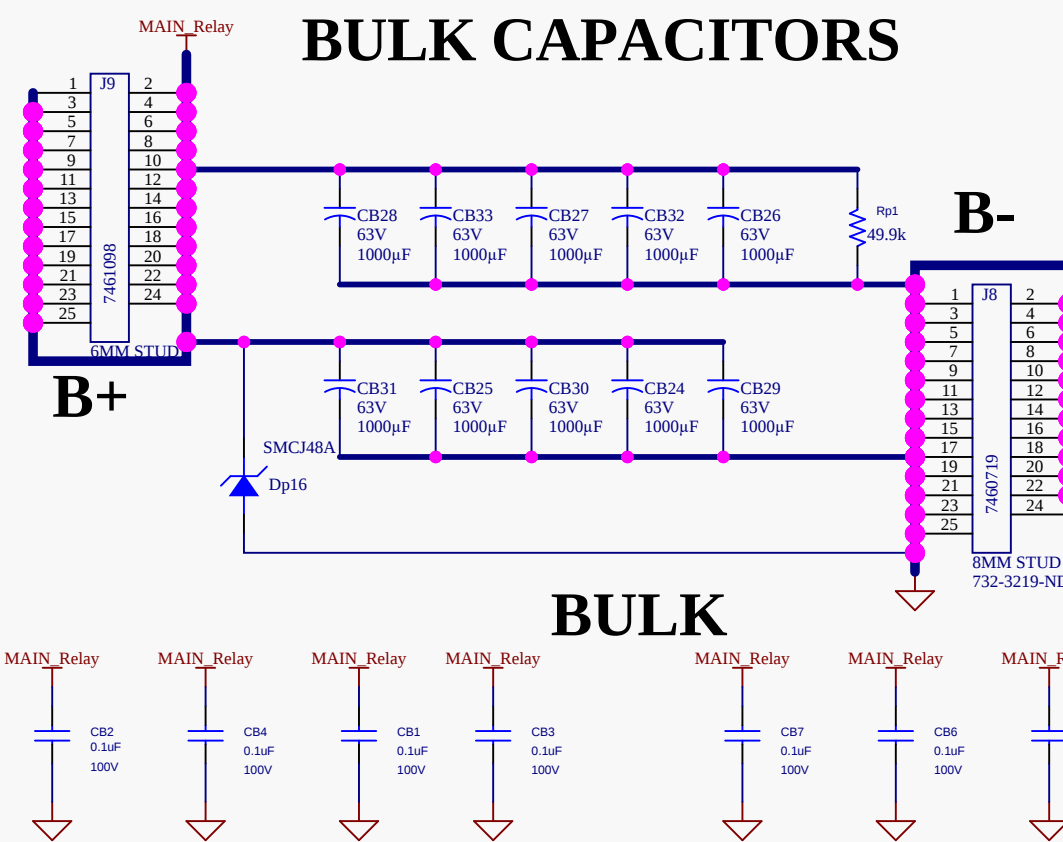
NOTES
Rf @ 1+ 39.2K/806)
Ro @ 249K
0A = 0.496V to Micro
40.6A = 2.50V to Micro



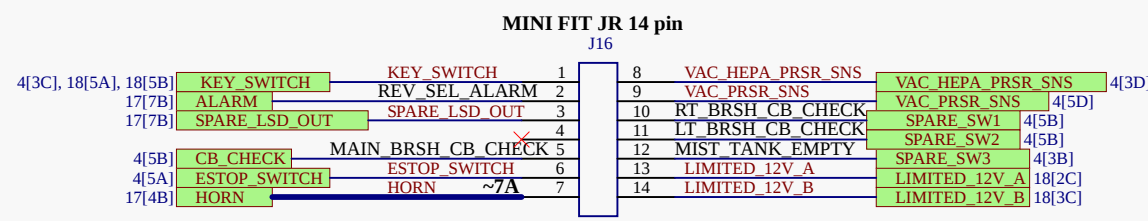
Precharge



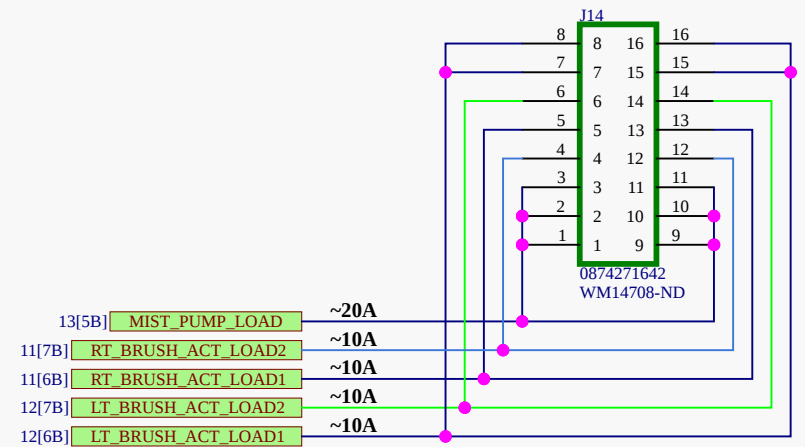
BULK CAPACITORS



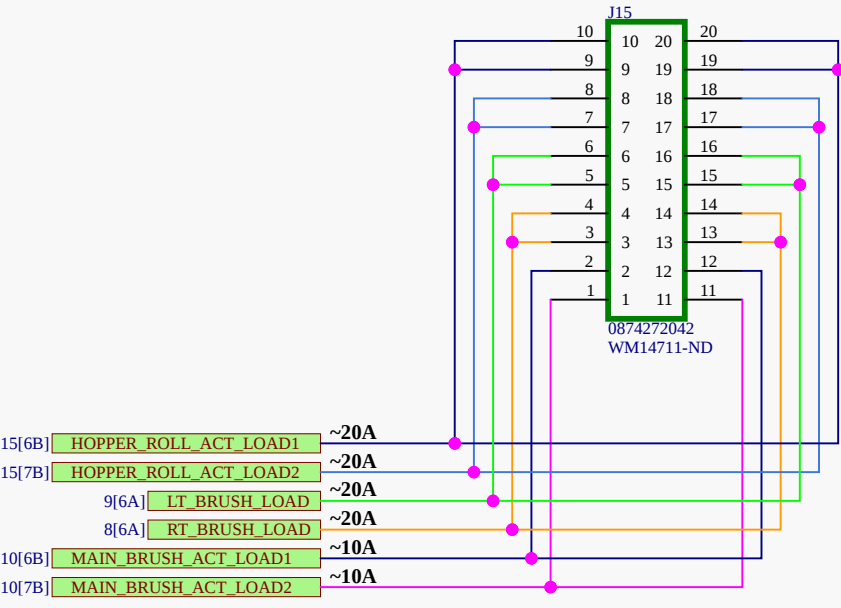
5mm Return



MINI FIT JR 16 pin



MINI FIT JR 20 pin



MINI FIT JR 12 pin

