

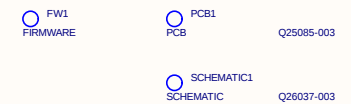
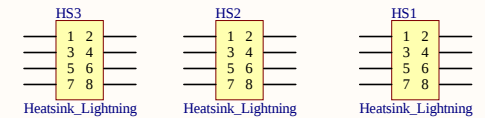
JETMORE MAIN CONTROL BOARD

Industrial Design

1237558 (WITHOUT TELEMETRY)

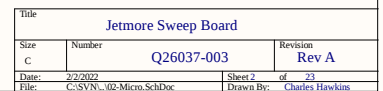
Changelog:
Q26037-003
RevA

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

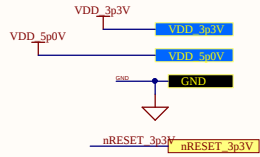


DONE

Title			Jetmore Sweep Board	
Size	Number		Revision	
C	Q26037-003		Rev A	
Date:	2/2/2022		Sheet 1	of 23
File:	C:\SVN\...01-Title.SchDoc		Drawn By:	Charles Hawkins

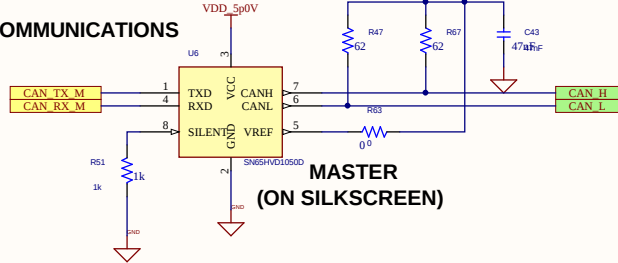


INTERFACES CONNECTORS

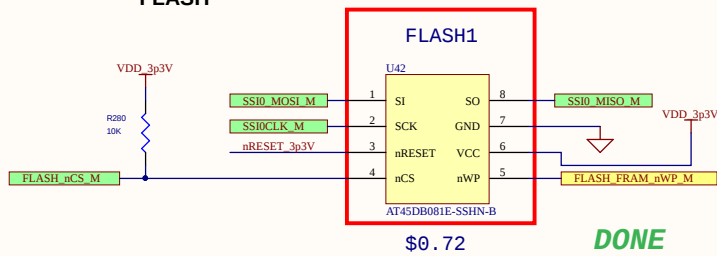


12V Going out the CAN J1-4 powers the User Interface Module

CAN COMMUNICATIONS



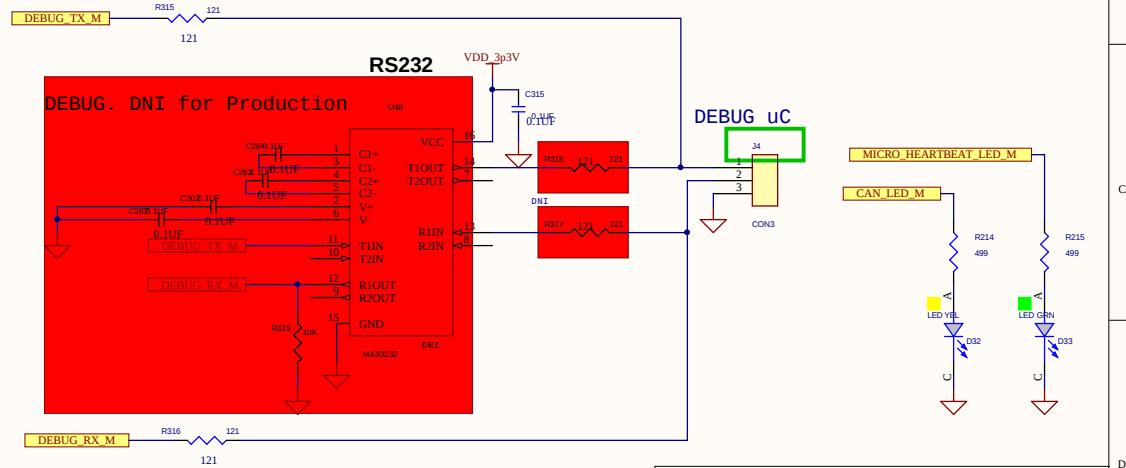
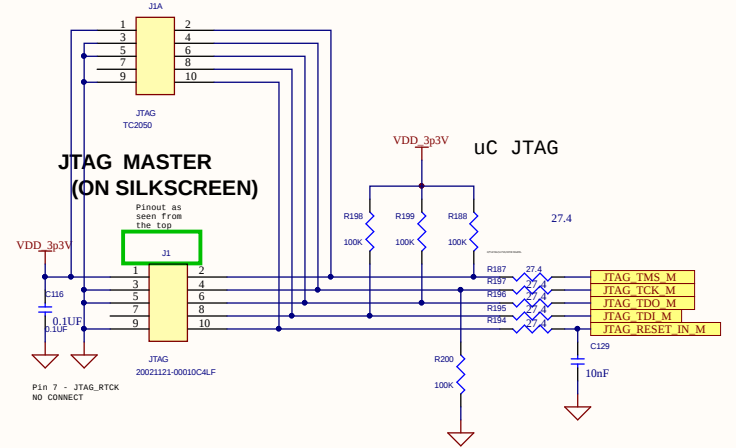
FLASH



\$0.72

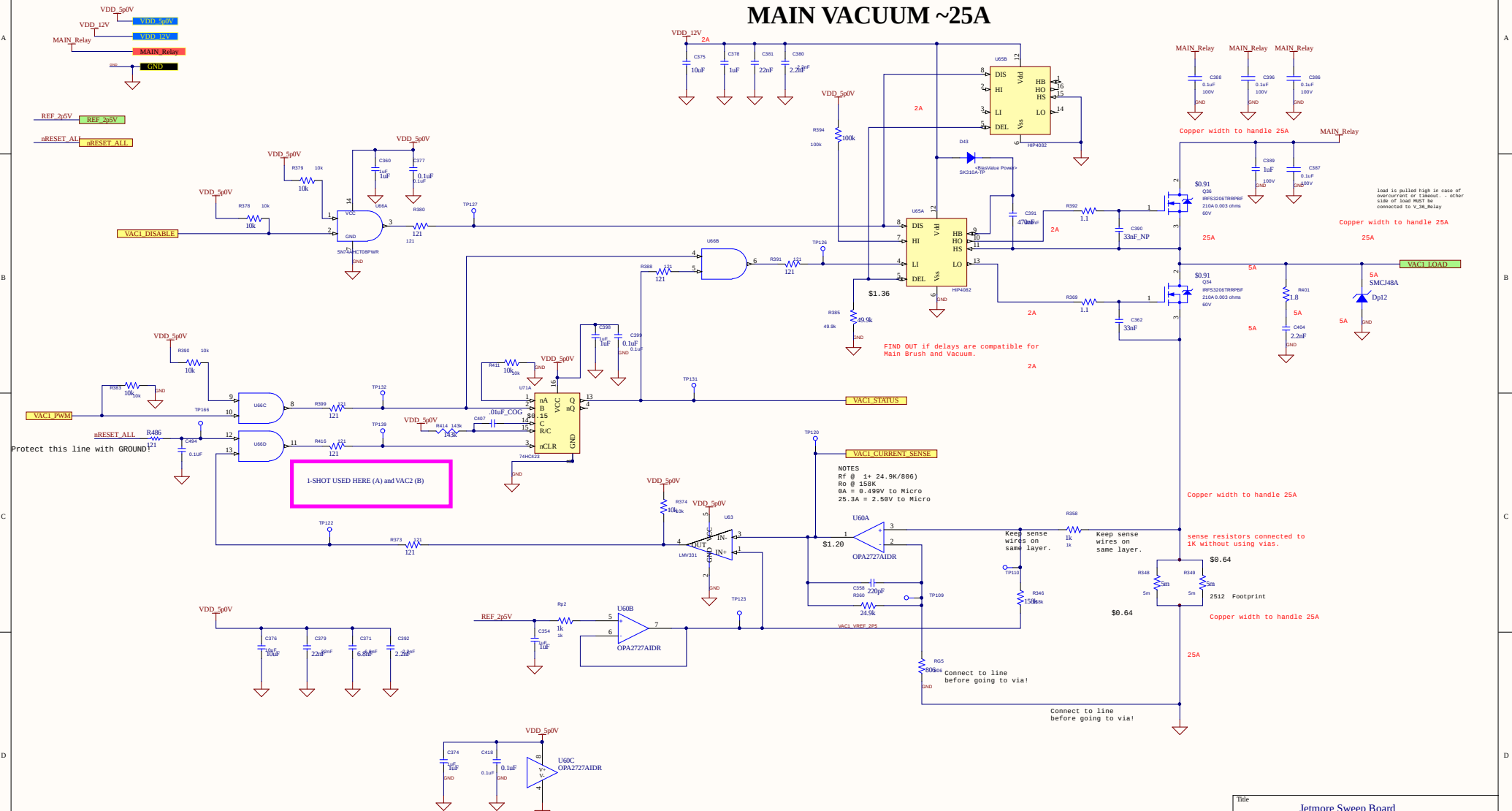
DONE

12V Going out the CAN J1-4 powers the User Interface Module



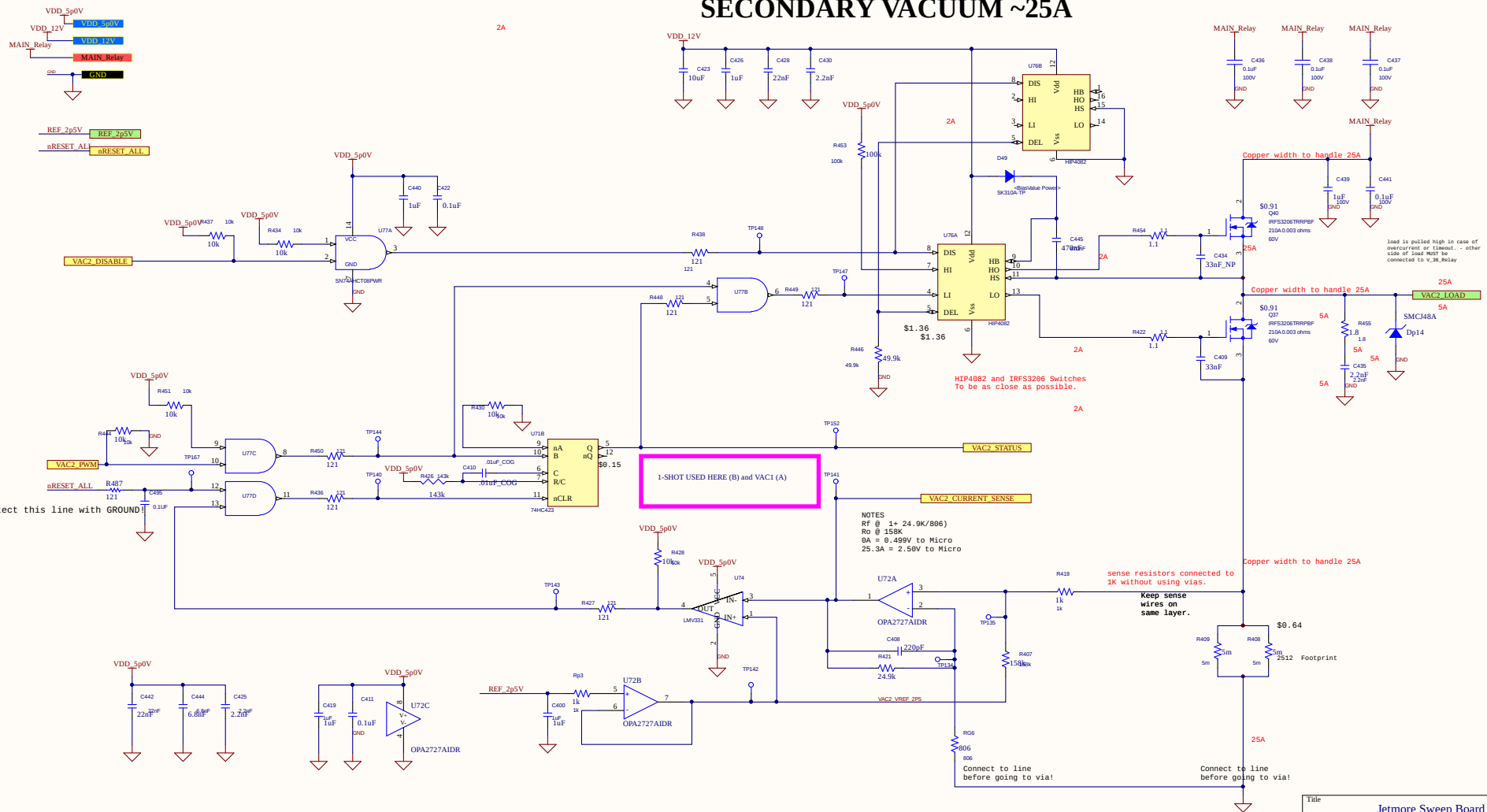
Title			
Jetmore Sweep Board			
Size	Number	Revision	
C	Q26037-003	Rev A	
Date:	2/2/2022	Sheet 3	of 23
File:	C:\SVN\...03-Hardware\SchDoc	Drawn By:	Charles Hawkins

Jetmore VACUUM HALF BRIDGE MAIN VACUUM ~25A



Title		
Jetmore Sweep Board		
Size	Number	Revision
D	Q26037-003	Rev A
Date:	2/2/2022	Sheet 5 of 23
File:	C:\SVN\05-Vacuum1_Control_SchDoc	Drawn By: Charles Hawkins

Jetmore
VACUUM HALF BRIDGE
SECONDARY VACUUM ~25A



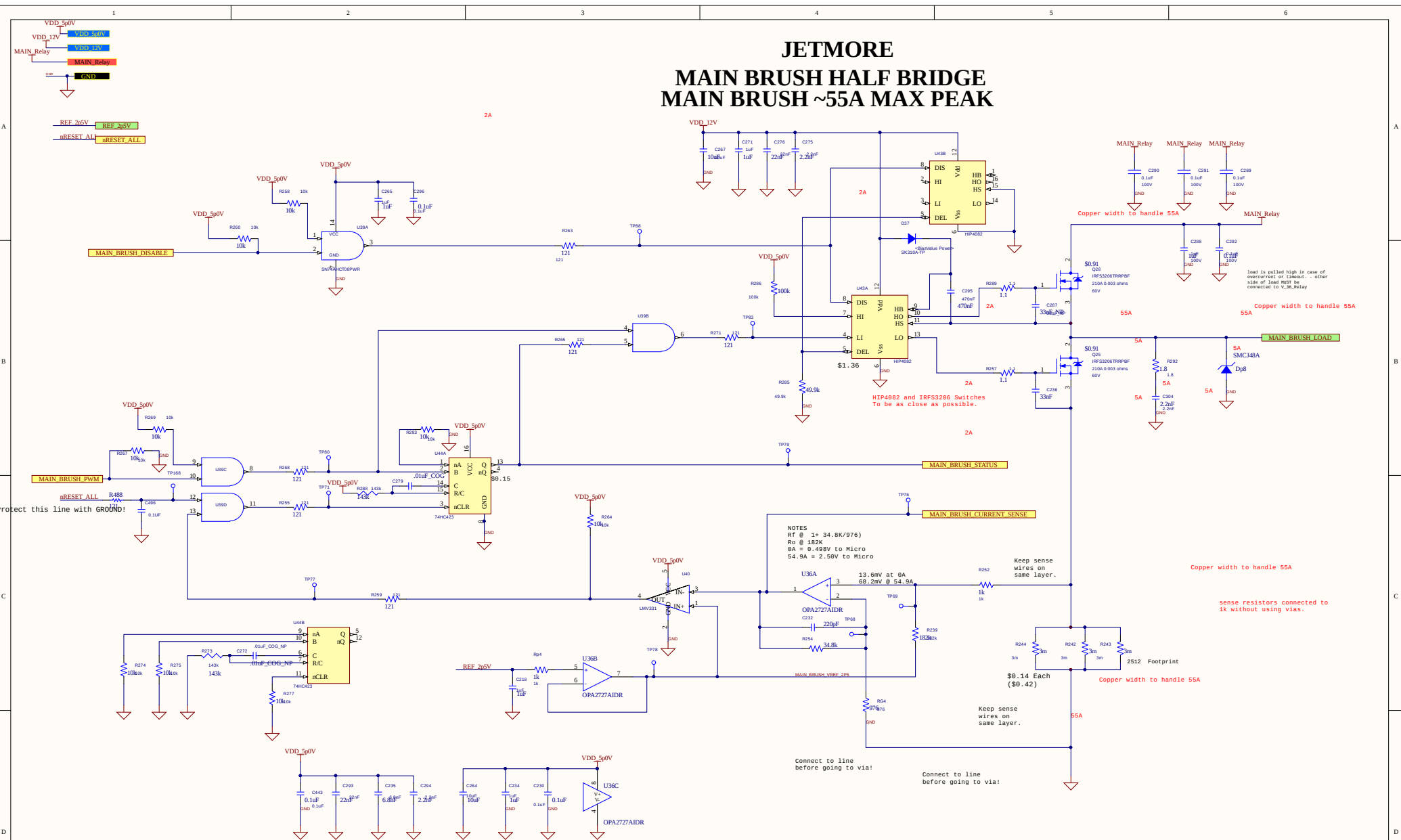
Title			Jetmore Sweep Board		
Size D	Number	Q26037-003		Revision	Rev A
Date:	2/2/2022	Sheet 6		of 23	
File:	C:\SVN\06-Vacuum2_Control_SchDoc	Drawn By:		Charles Hawkins	

Title		
Jetmore Sweep Board		
Size	Number	Revision
E	Q26037-003	Rev A
Date:	2/2/2022	Sheet 7 of 23
File:	C:\SVN_07\Vacuum_Wand_Control_S	Drawn By: Charles Hawkins

Jetmore
VACUUM HALF BRIDGE
WAND VACUUM ~25A
REMOVED

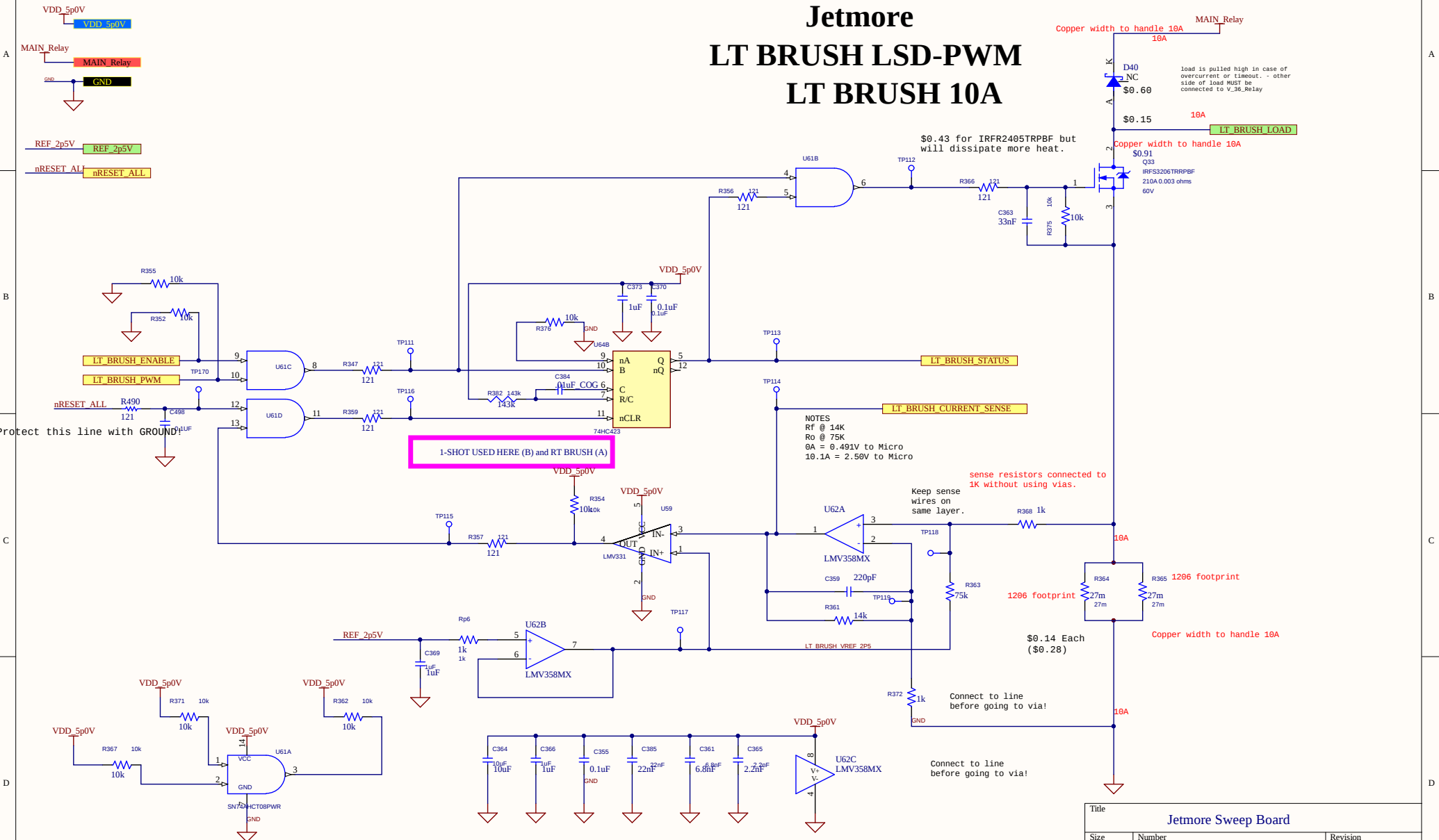
2A

MAIN BRUSH HALF BRIDGE
MAIN BRUSH ~55A MAX PEAK

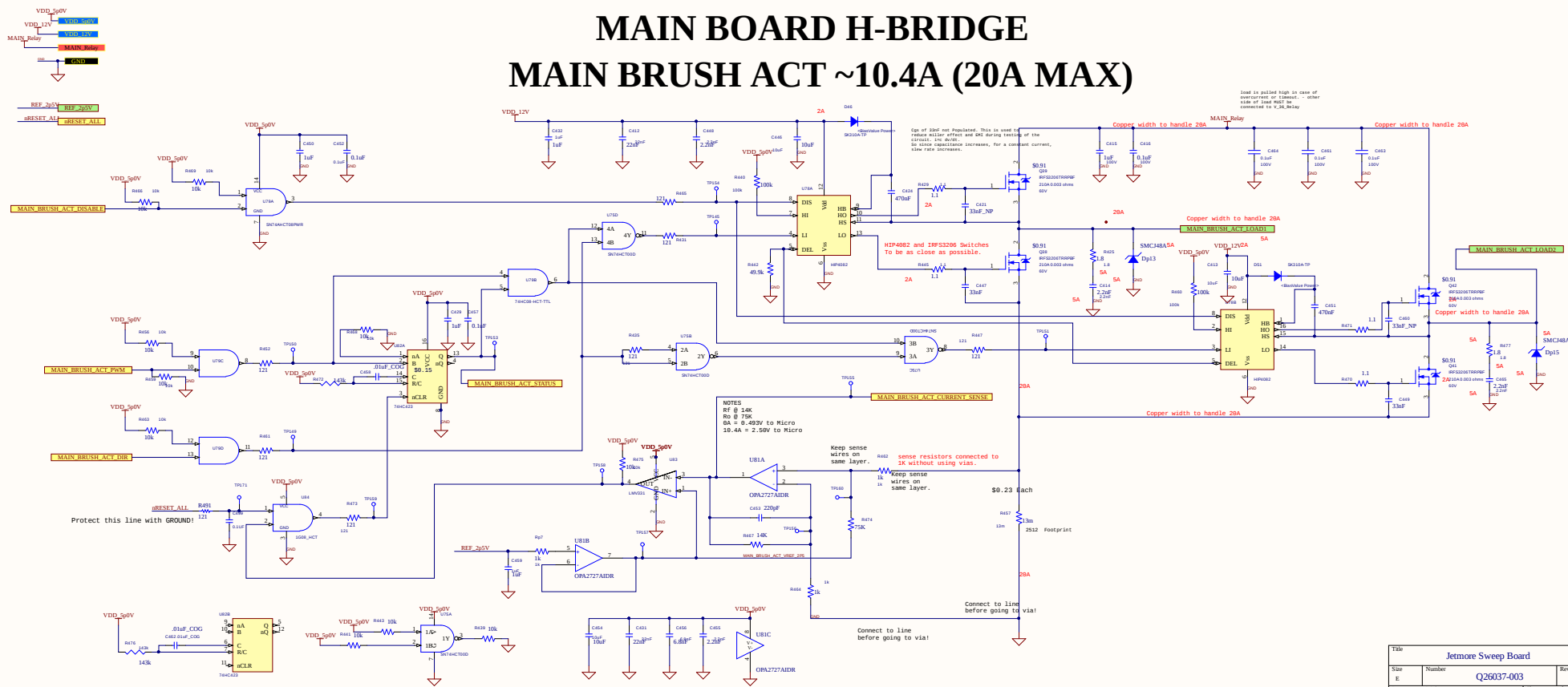


Title Jetmore Sweep Board		
Size D	Number Q26037-003	Revision Rev A
Date: 2/2/2022	Sheet 8 of 23	Drawn By: Charles Hawkins
File: C:\SVN_08-Main Brush Control Schematic		

Jetmore
LT BRUSH LSD-PWM
LT BRUSH 10A

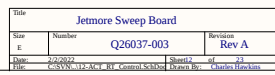


Title			Jetmore Sweep Board		
Size	Number			Revision	
Q26037-003			Rev A		
Date:	2/2/2022		Sheet10	of 23	
File:	C:\SVN\10-LT_Brush_Control_SchDoc		Drawn By:	Charles Hawkins	

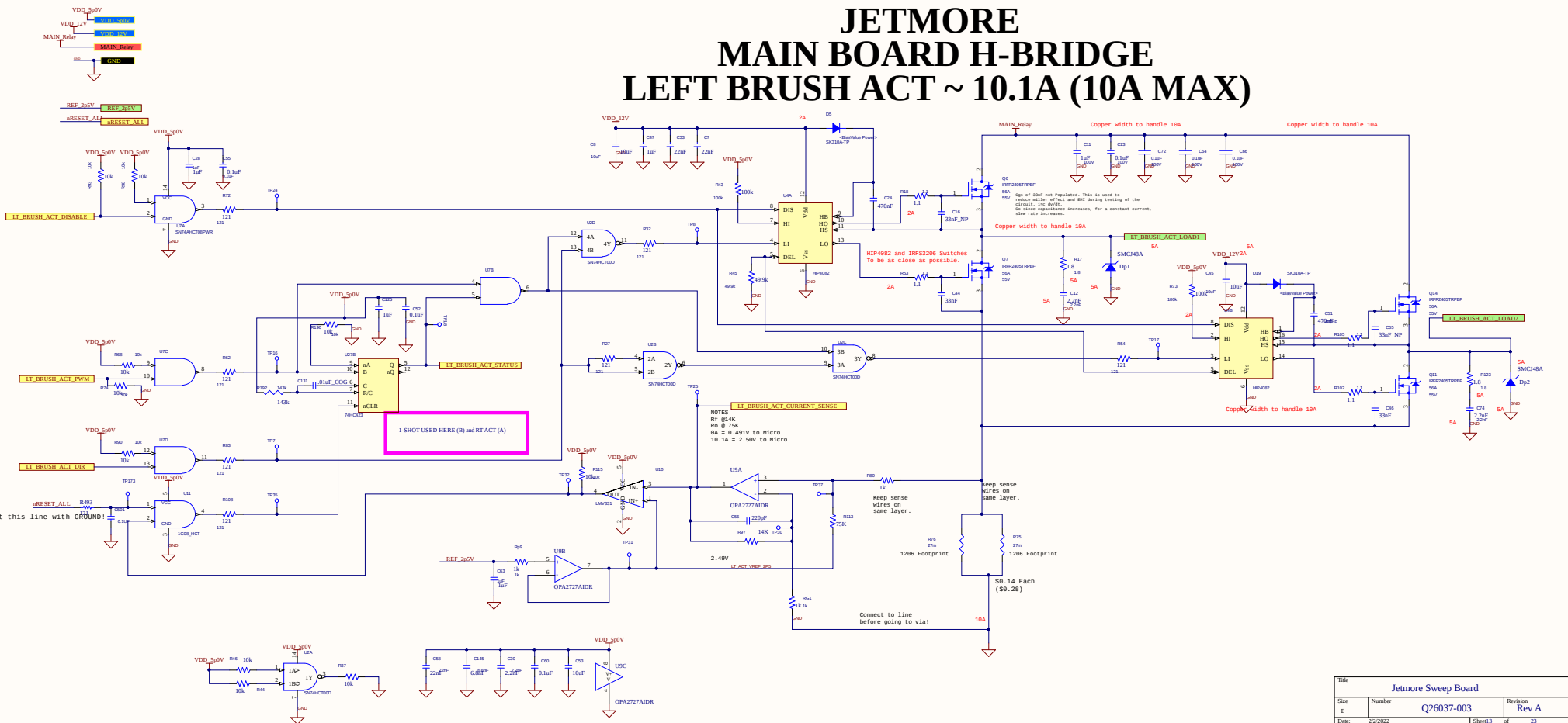


Title Jetmore Sweep Board			
Size E	Number Q26037-003	Revision Rev A	
Date: 2/2/2022	Sheet 11 of 23		Drawn By: Charles Hawkins
File: C:\SYN-UI-Act Main Control.Schd			

Cps of 23sf not Populated. This is used to reduce Miller effect and INI during testing of the circuit. Irc dv/dt.
So since capacitance increases, for a constant current,



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



Title Jetmore Sweep Board		
Size E	Number Q26037-003	Revision Rev A
Date: 2/2/2022	Sheet 3 of 23	
File: C:\SYN\13-AGT LT Control SchDoc	Drawn By: Charles Hawkins	

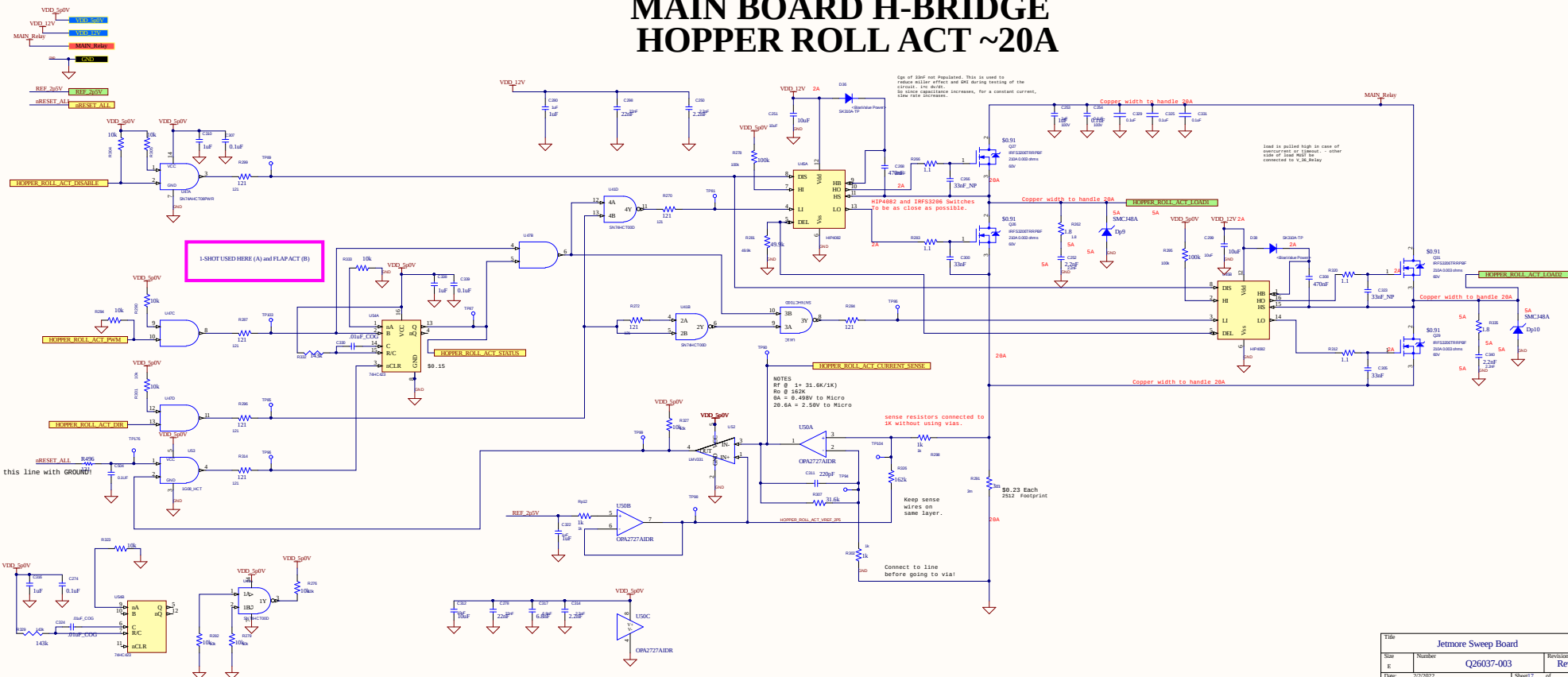
	1	2	3	4	5	6	
A	SECONDARY MICRO REMOVED						A
B							B
C							C
D							D
	1	2	3	4	5	6	

Title		
Jetmore Sweep Board		
Size	Number	Revision
C	Q26037-003	Rev A
Date:	2/2/2022	Sheet 14 of 22
File:	C:\SVN\114\Secondary_Micro_Sch\Doc1 Drawn By: Charles Hawkins	

Title			Jetmore Sweep Board		
Size	Number	Revision			
C	Q26037-003	Rev A			
Date:	2/2/2022	Sheet	14	of	23
File:	C:\SVN\014-Secondary Micro Sch\Doc	Drawn By:	Charles Hawkins		



**JETMORE
MAIN BOARD H-BRIDGE
HOPPER ROLL ACT ~20A**

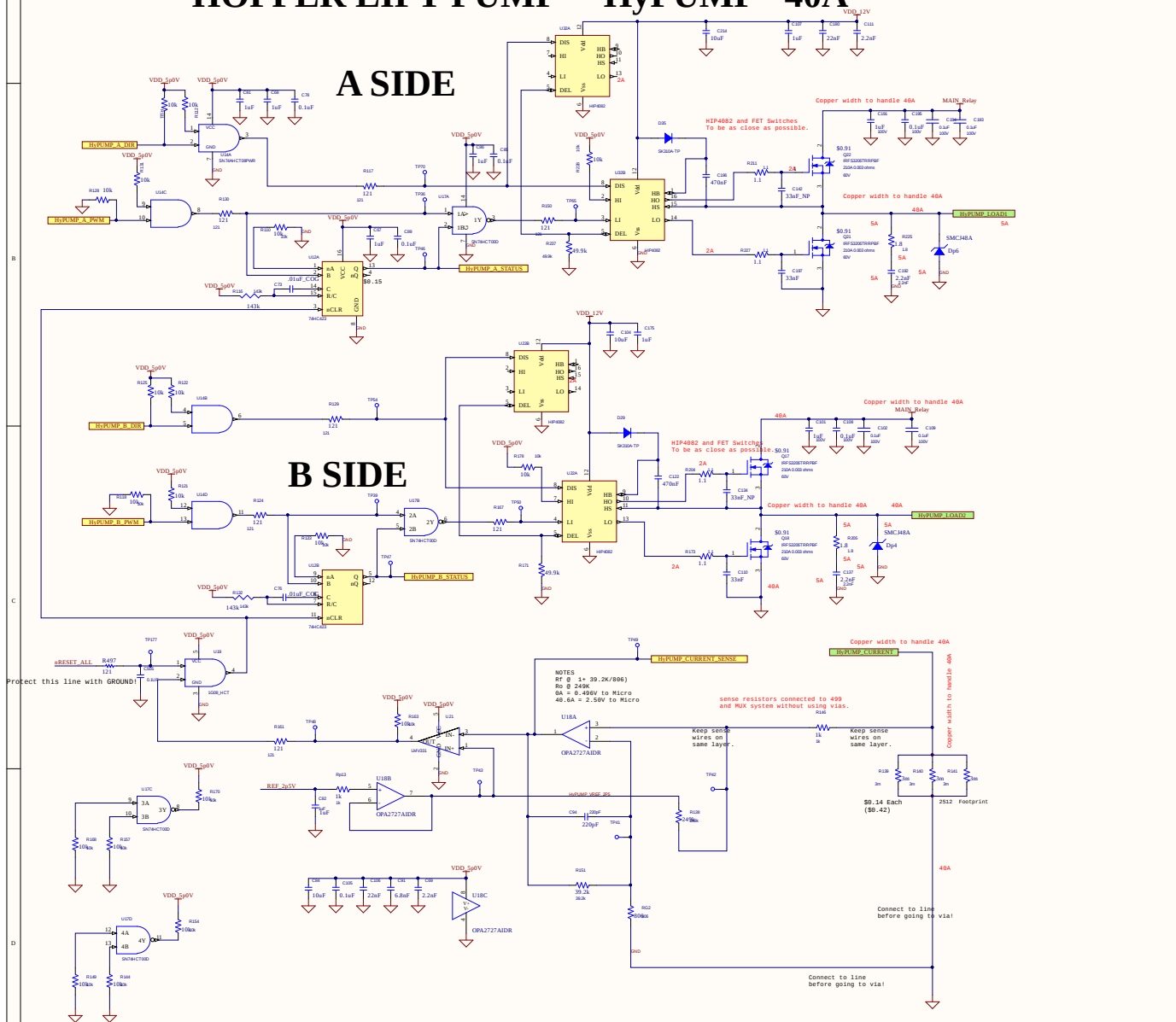


Title Jetmore Sweep Board		
Size E	Number Q26037-003	Revision Rev A
Date: 2/2/2022	Sheet 17 of 23 C:\SVN\37-AGT Hopper Roll Control	Drawn By: Charles Hawkins

**JETMORE
MAIN BOARD H-BRIDGE
DEBRIS FLAP ACT ~10A
REMOVED**

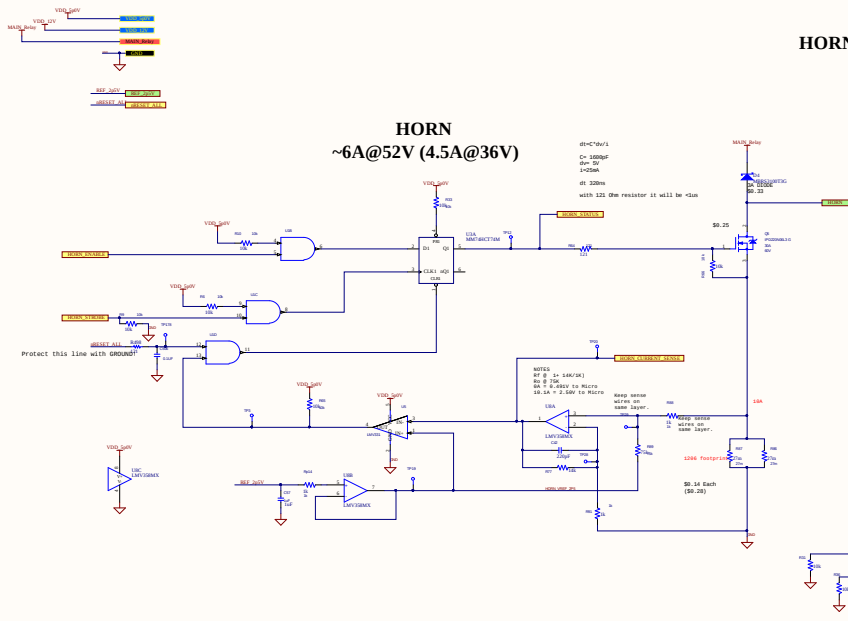
Title			
Jetmore Sweep Board			
Size	Number	Revision	
E	Q26037-003	Rev A	
Drawn	2/2/2022	Reviewed	2/2
File	C:\SVP\JETMORE_H-Bridge_H-Bridge_SCHDoc	Drawn By:	Charles Hamilton

JETMORE
MAIN SWEEP BOARD SPECIAL HIGH SIDE DRIVER
HOPPER LIFT PUMP HyPUMP ~40A

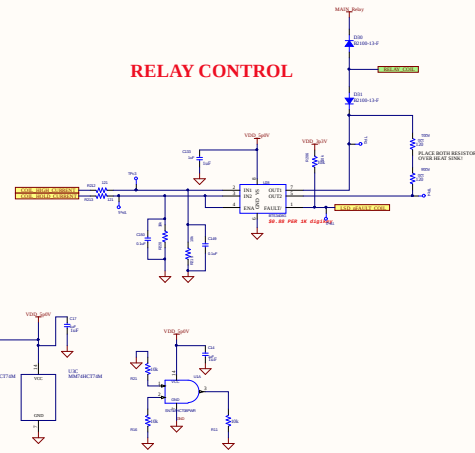


Title		Jetmore Sweep Board	
Size	Number	Revision	
E	Q26037-003	Rev A	
Date:	2/2/2022	Sheet 19	of 23
File:	C:\SVN\19-ACT HyPump_Control.S	Drawn By:	Charles Hawking

HORN/ALARM/BACKUP_LEDS/RELAY

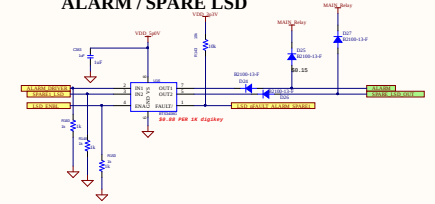


RELAY CONTROL



REMOVED
REAR LIGHTS
BACKUP LIGHTS
LT LIGHT
RT LIGHT
STROBE/FLASHING

ALARM / SPARE LSD



1	2	3	4	5	6	
A						A
B						B
C						C
D						D
1	2	3	4	5	6	

CELL MODEM
REMOVED

Title		
Jetmore Sweep Board		
Size	Number	Revision
C	Q26037-003	Rev A
Date:	2/2/2002	Sheet 21 of 23
File:	C:\SVN\021-Telemetry_SchDoc	Drawn By: Charles Hawkins

CELL MODEM
REMOVED

Title			
Jetmore Sweep Board			
Size	Number	Revision	
C	Q26037-003	Rev A	
Date:	2/2/2002	Sheet 21	of 23
File:	C:\SVN\021-Telemetry\SchDoc	Drawn By:	Charles Hawdon

