

#### REFERENCE INFORMATION

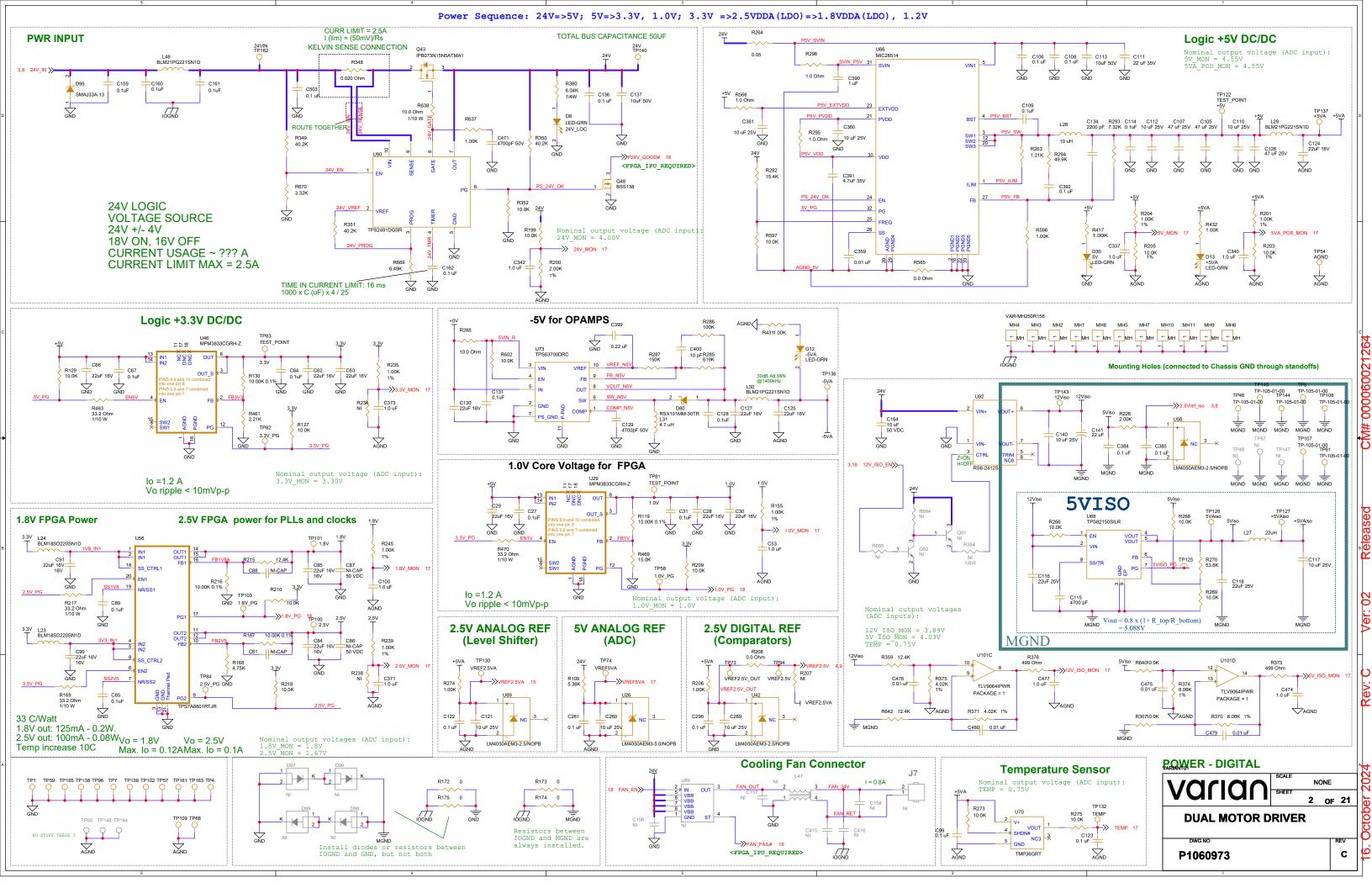
#### **TABLE OF CONTENTS**

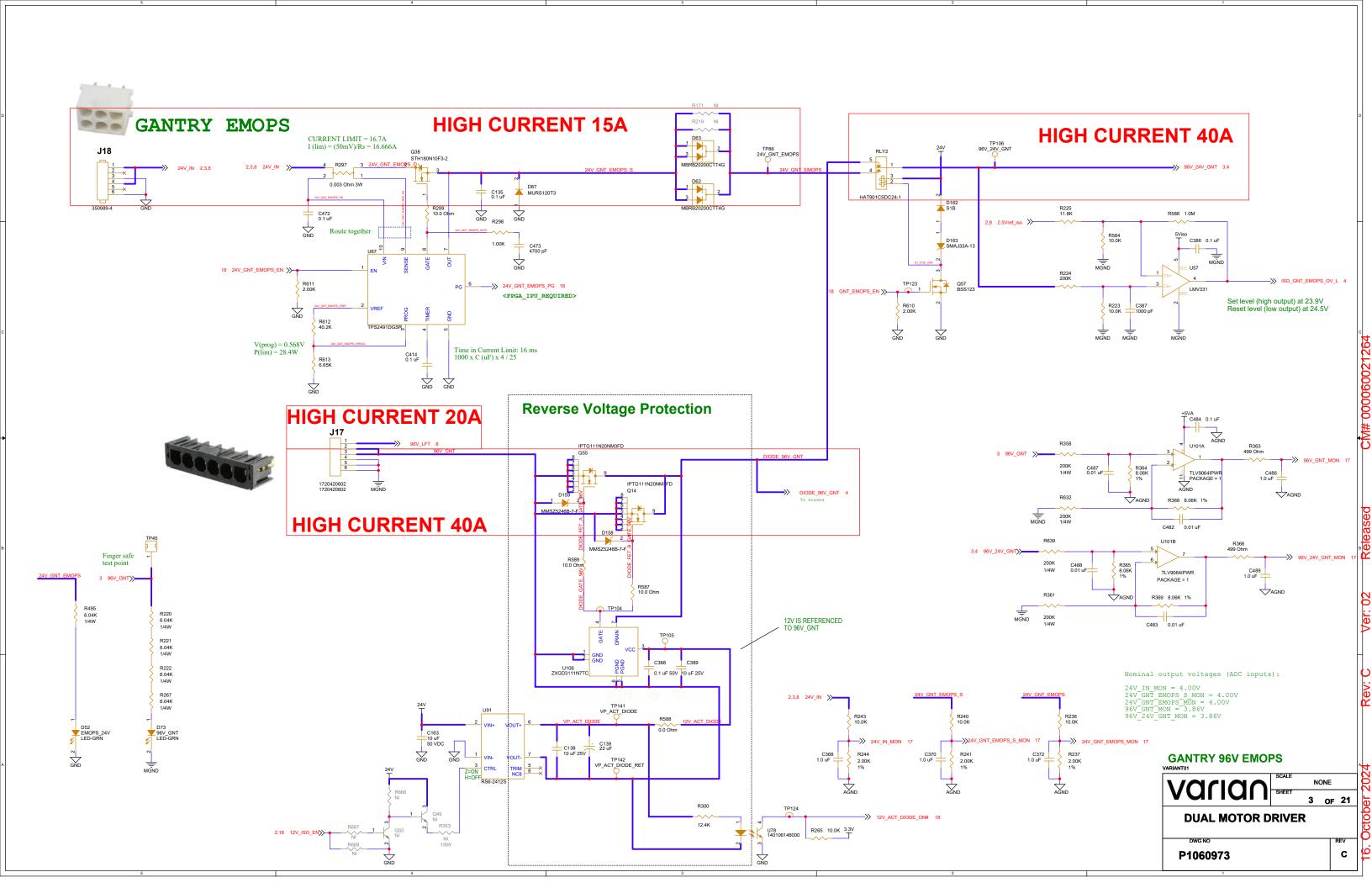
PAGE	SHEET	1/0
1	MAIN	
2	POWER DIGITAL	J7
3	GANTRY 96V EMOPS	J17, J18
4	GANTRY 96V INTERFACE	
5	GANTRY DRIVER	J22
6	GANTRY BRAKE DRIVER	
7	GANTRY BRAKE DRIVER AND FEEDBAC	KJ13
8	LIFT 96V EMOPS	
9	LIFT 96V INTERFACE	J14
10	LIFT DRIVER	J23
11	LIFT MOTOR HALL SENSOR IF	J6
12	SPD DMD INTERFACE	J9
13	SPD_EMOPS_INTERFACE	J10
14	STAND CONTROLLER INTERFACE	J1
15	CCHL INTERFACE	J12
16	SERVICE PENDANT	J8
17	A/D AND D/A CONVERTERS	
18	FPGA FUNCTIONAL INTERFACE 1	J11
19	FPGA FUNCTIONAL INTERFACE 2	
20	FPGA POWER INTERFACE	
21	EXTERNAL BRAKE DRIVER IF	J24

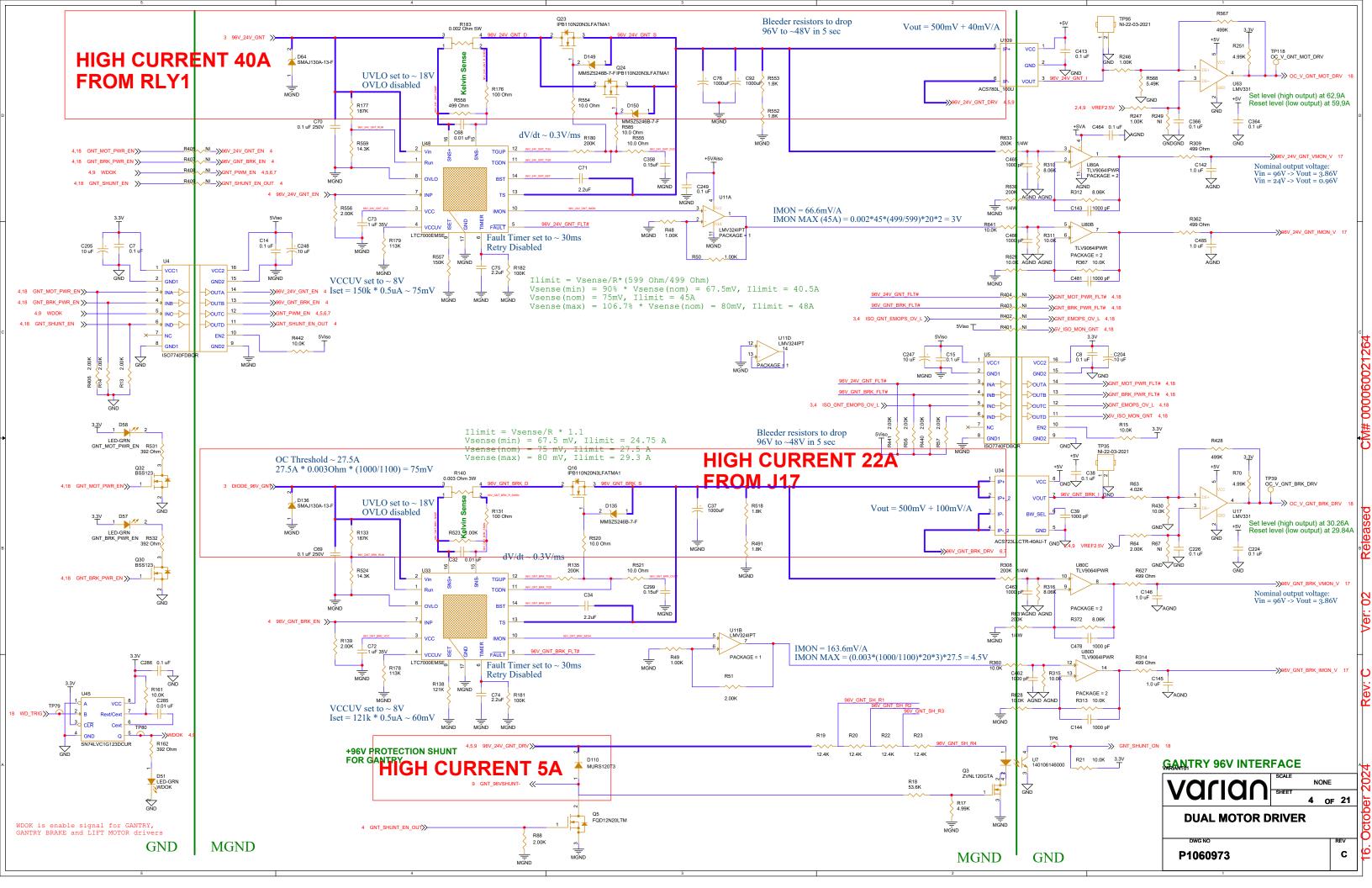
### **CONNECTOR KEYING TABLE**

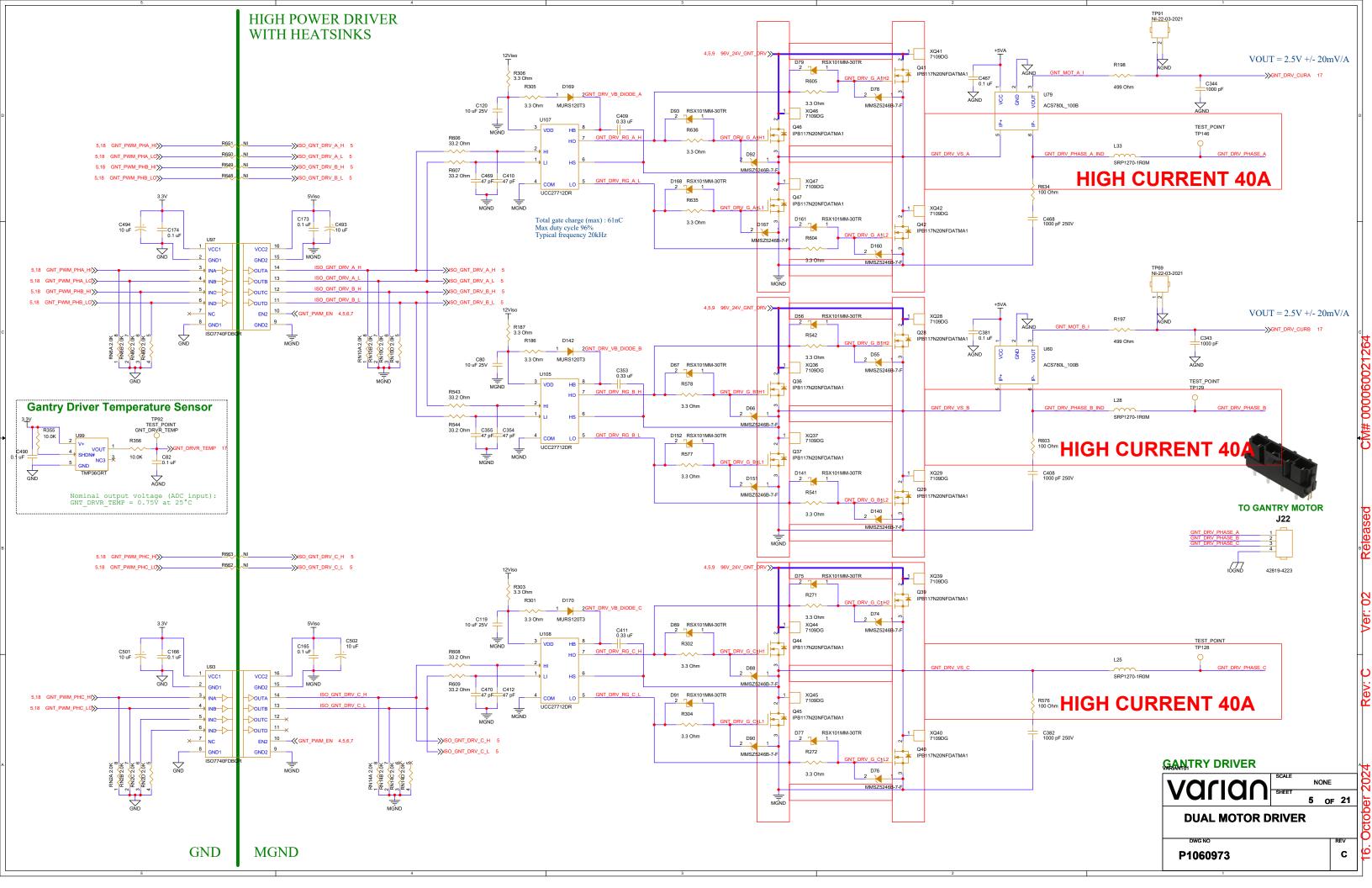
Jx	TYPE	FUNCTION	KEY
J1	HEADER 13x2 RIBBON	STAND CONTROLLER	8
J6	HEADER 4x2	LIFT HALL SENSOR	NA
J7	HEADER 2x1	COOLING FAN	NA
J8	DSUB 15-R	STAND CONTROL PANEL	2
J9	HEADER 10x2	DMD_24V, SPD DMD IF	18
J10	HEADER 13x2 RIBBON	STAND POWER DISTRIBUTION	11
J11	FTSH-105-01-L-D-K	FPGA JTAG	NA
J12	DSUB 26 HD RECEPTACLE	COUCH CONTROLLER	NA
J17	HEADER 2X3	GANTRY/LIFT 96V INPUT POWER	NA
J18	HEADER 4X1	EMOPS 24V	NA
J19	HEADER 5x2	TEST POINT HEADER	NA
J20	HEADER 5x2	TEST POINT HEADER	NA
J21	HEADER 10x2	TEST POINT / SWITCH HEADER	NA
J22	HEADER 4X1	GANTRY DRIVER OUTPUT	TBD
J23	HEADER 4X1	LIFT DRIVER OUTPUT	3
J24	DSUB 26 HD RECEPTACLE	GANTRY BRAKE	NA

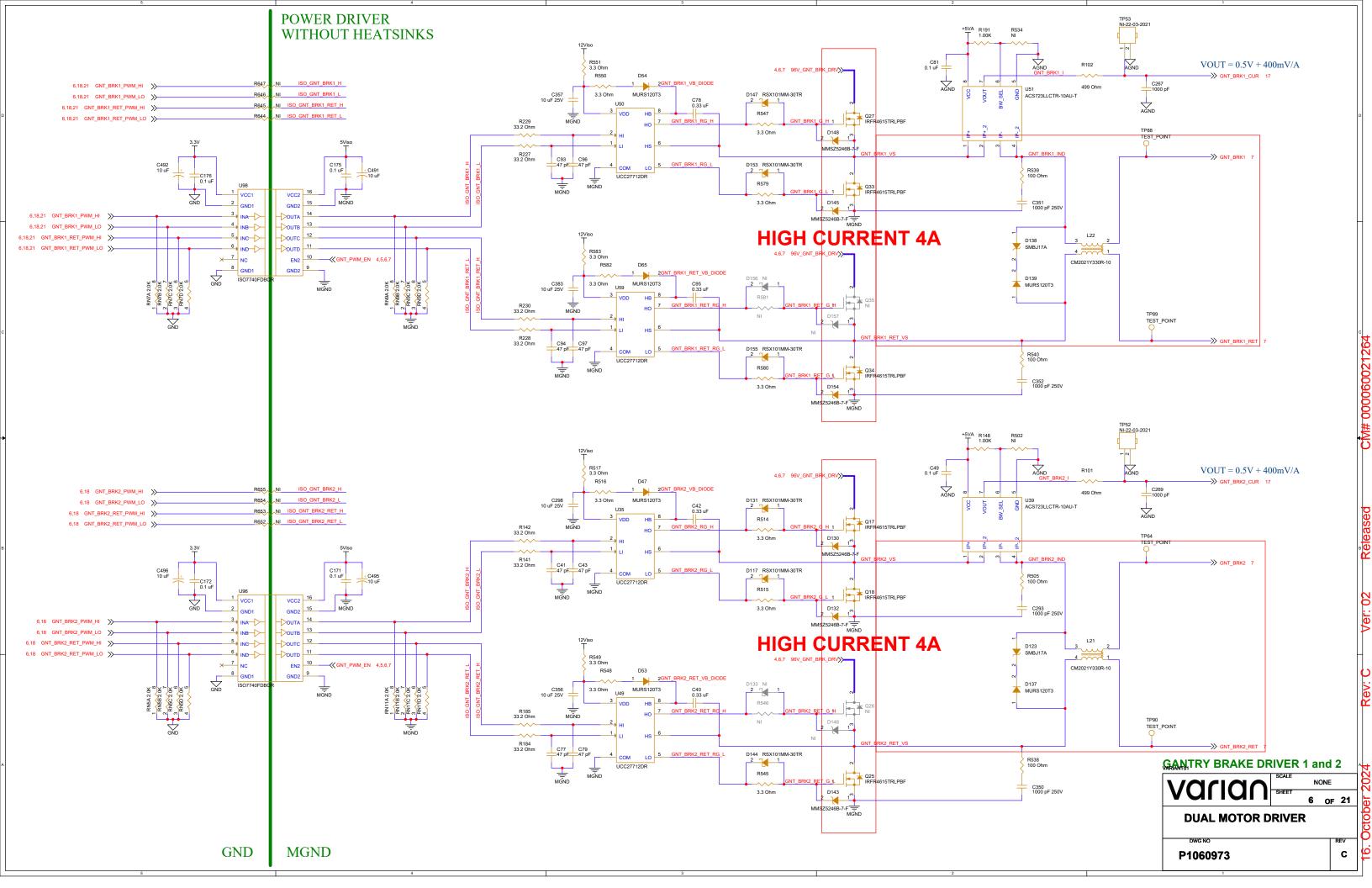
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CHANGED CURRENT SENSE ICS FOR GANTRY BRAKE, MOTOR ADDED IDEAL DIODE CIRCUIT CHANGED RED LEDS CHANGED PROGRAMMING HEADER TO SMT CHANGED 12V DC/DC MODULE  CHANGED 12V DC/DC MODULE  PCB, DUAL MOTOR DRIVER  /  DRAWN:  Rami A.  SHEET  1 OF 21 D  P1060973				V		rian
Rami A. 10F21 D P1060973	RENUMBERED REFDES CHANGED CURRENT SENSE ICS FOR GANTRY BRAKE, MOTOR ADDED IDEAL DIODE CIRCUIT CHANGED RED LEDS CHANGED PROGRAMMING HEADER TO SMT CHANGED 12V DC/DC MODULE		L MOT	OR	DRIVER	
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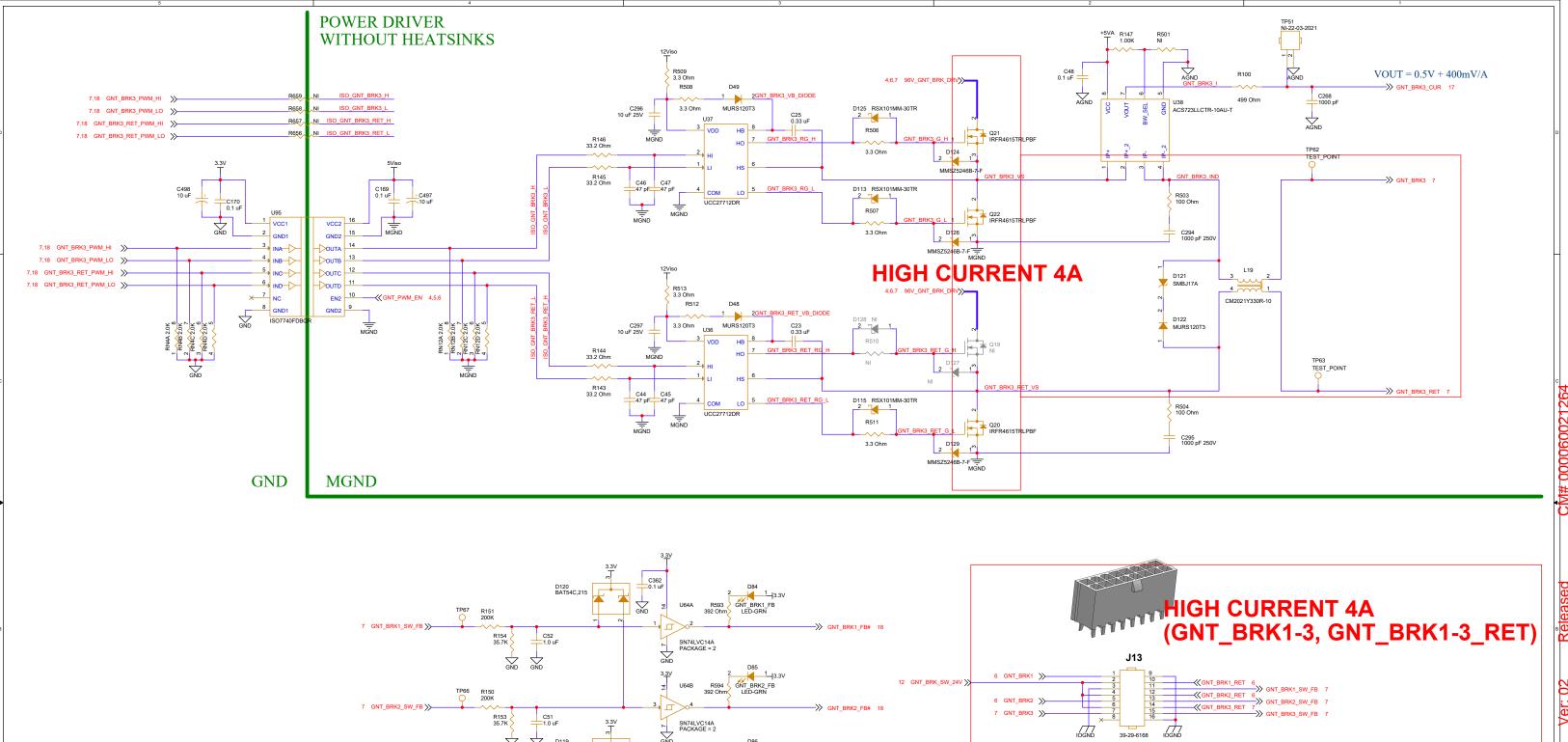


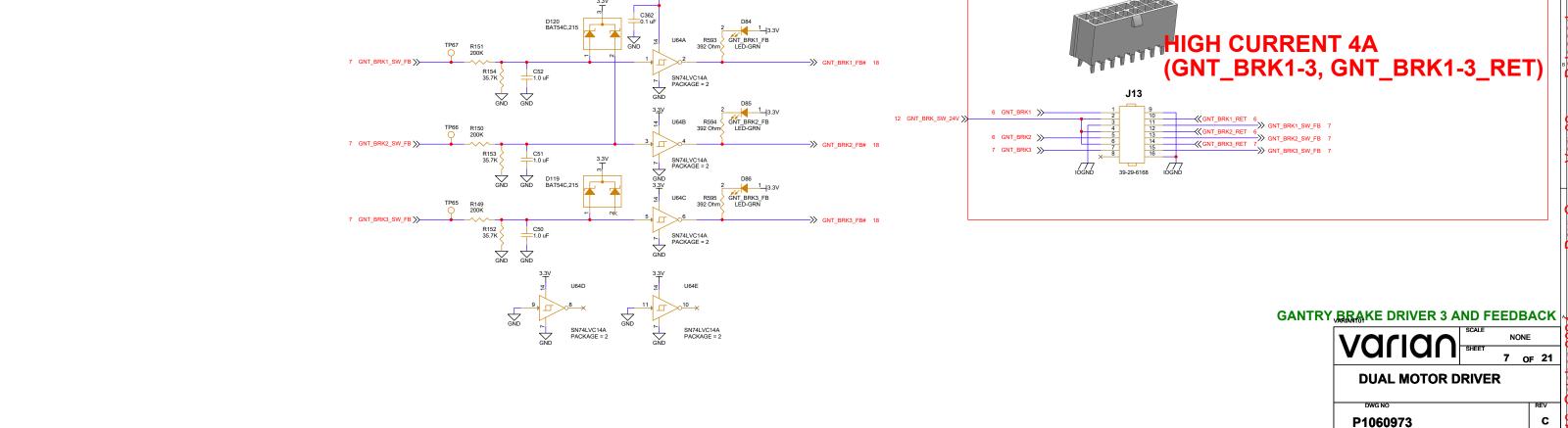


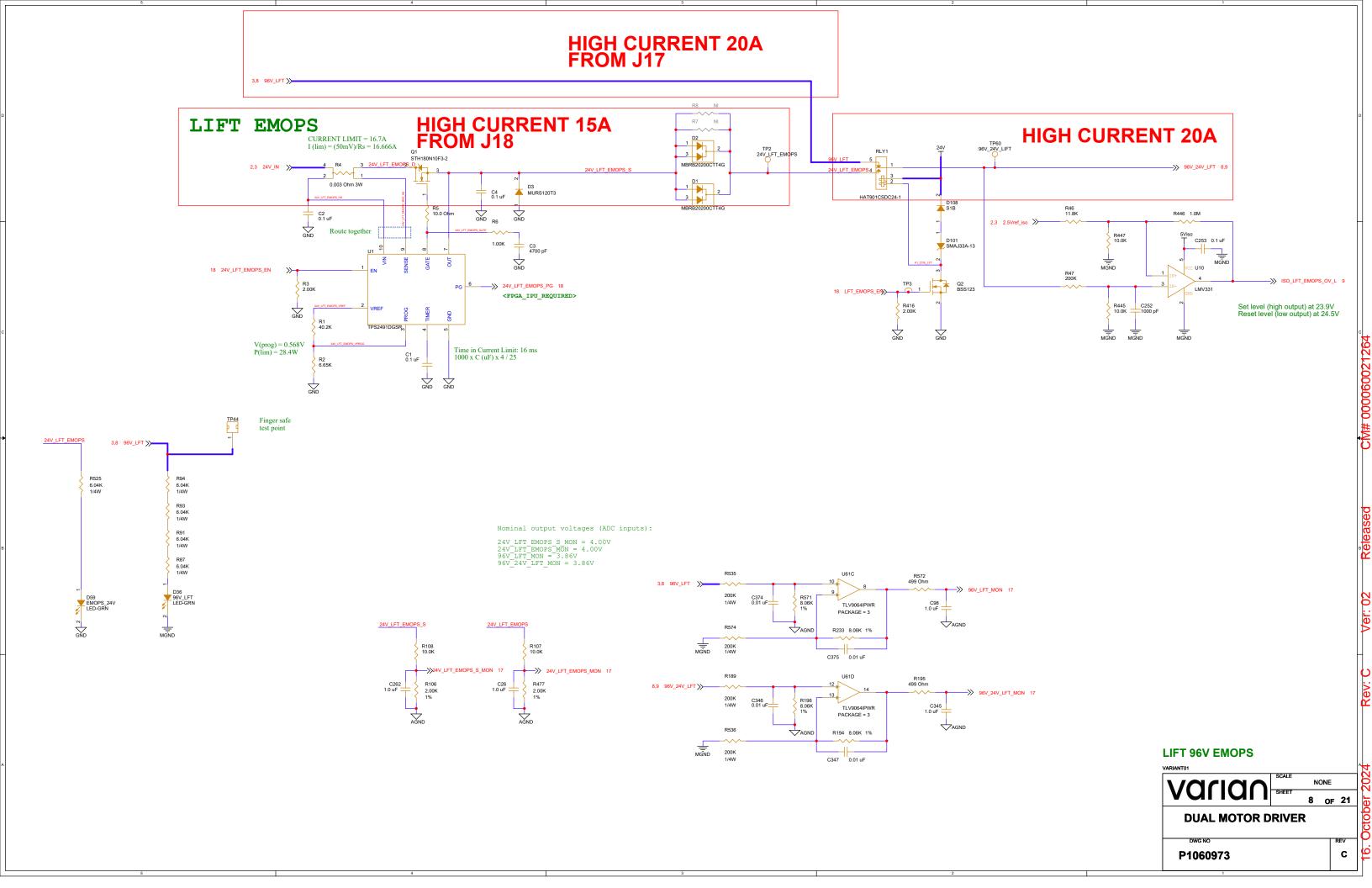


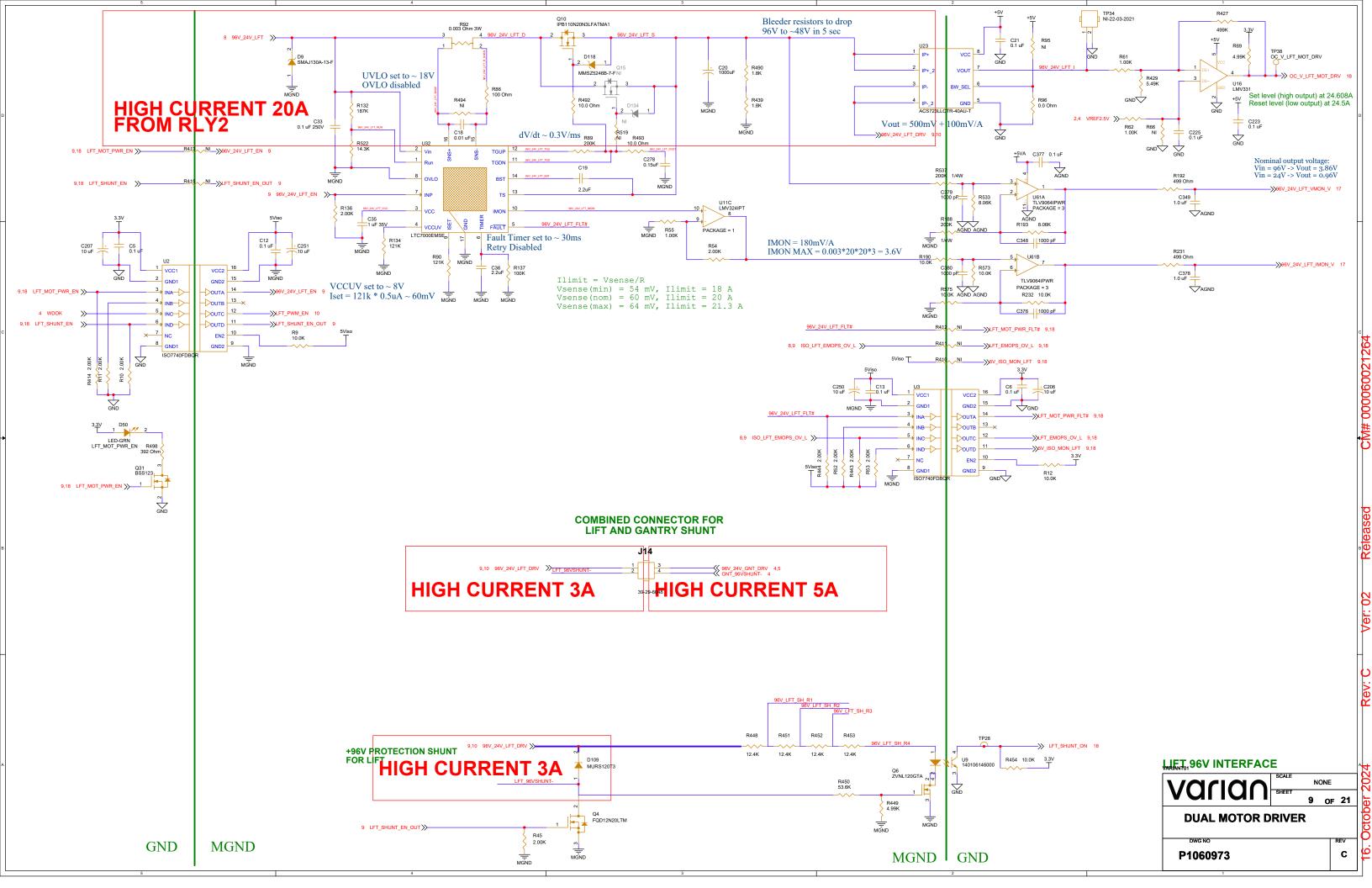


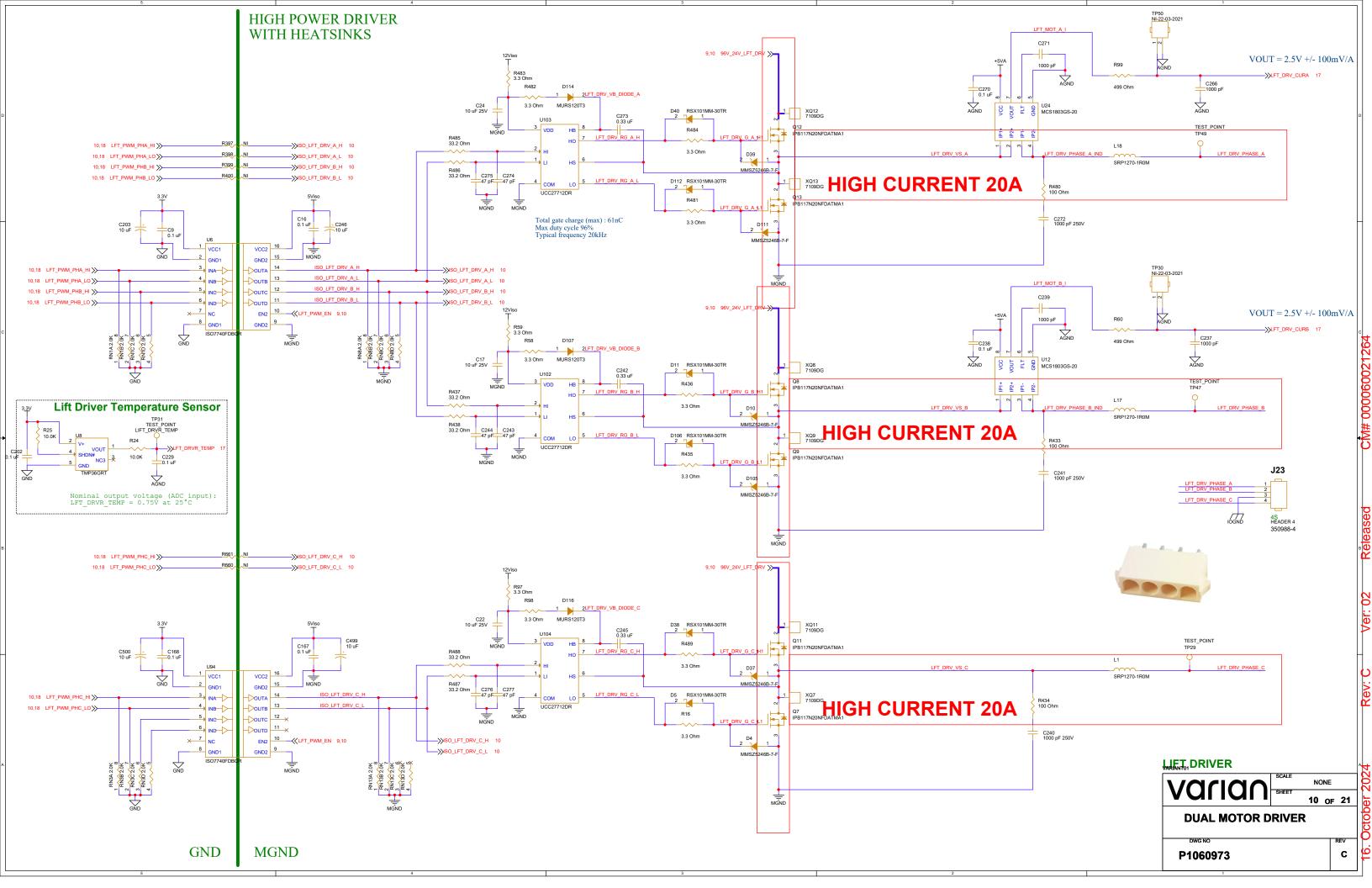


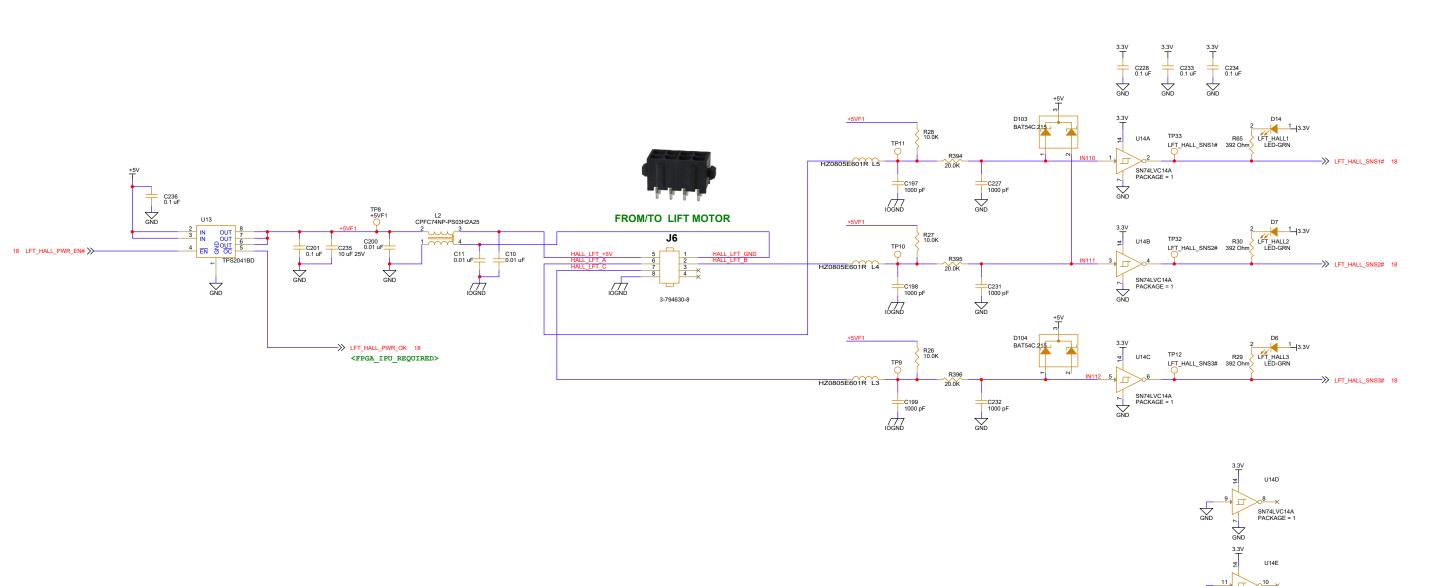


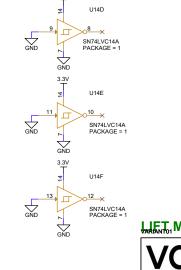












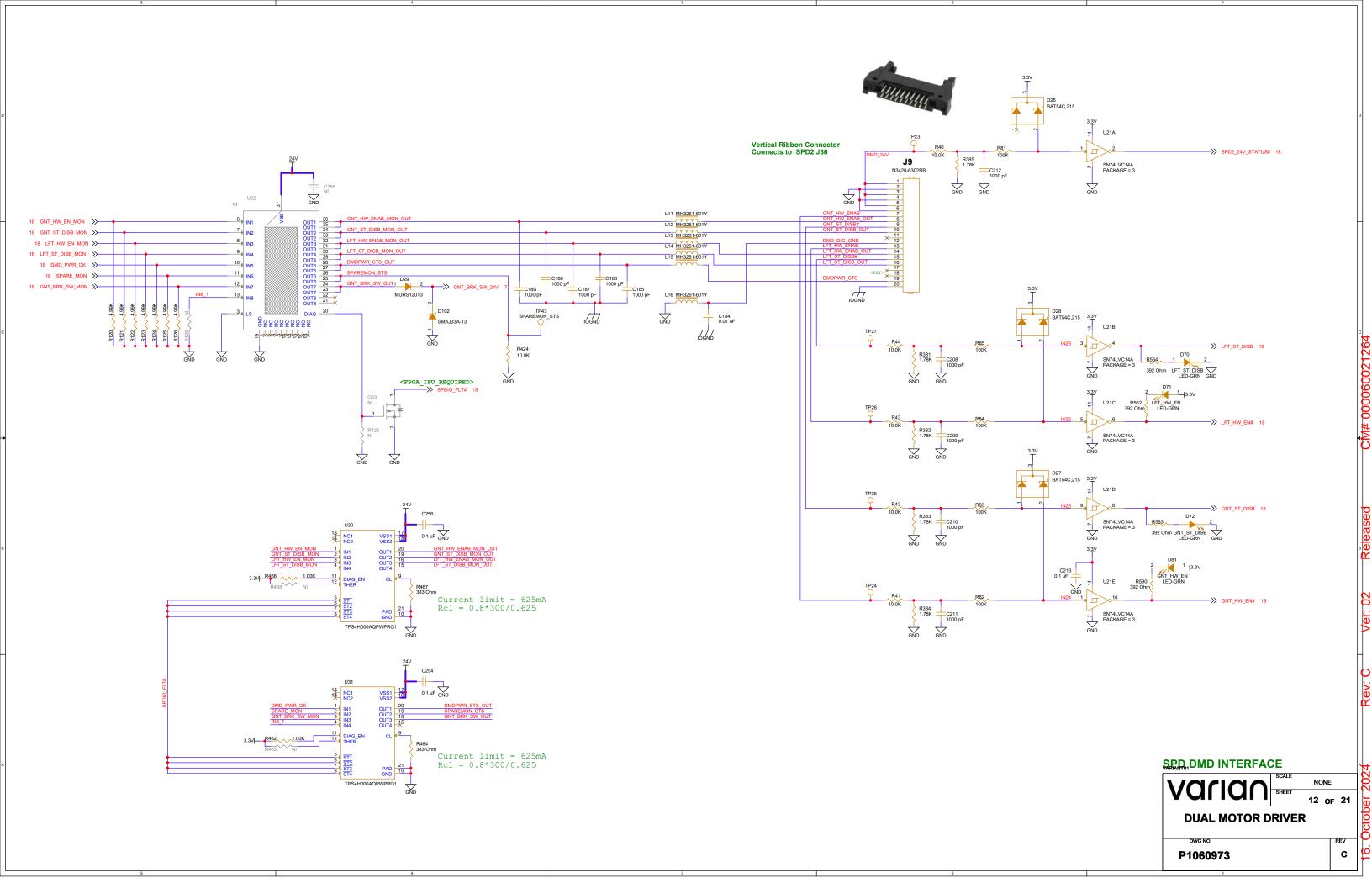
VARIANTOI MOTOR HALL SENSOR IF

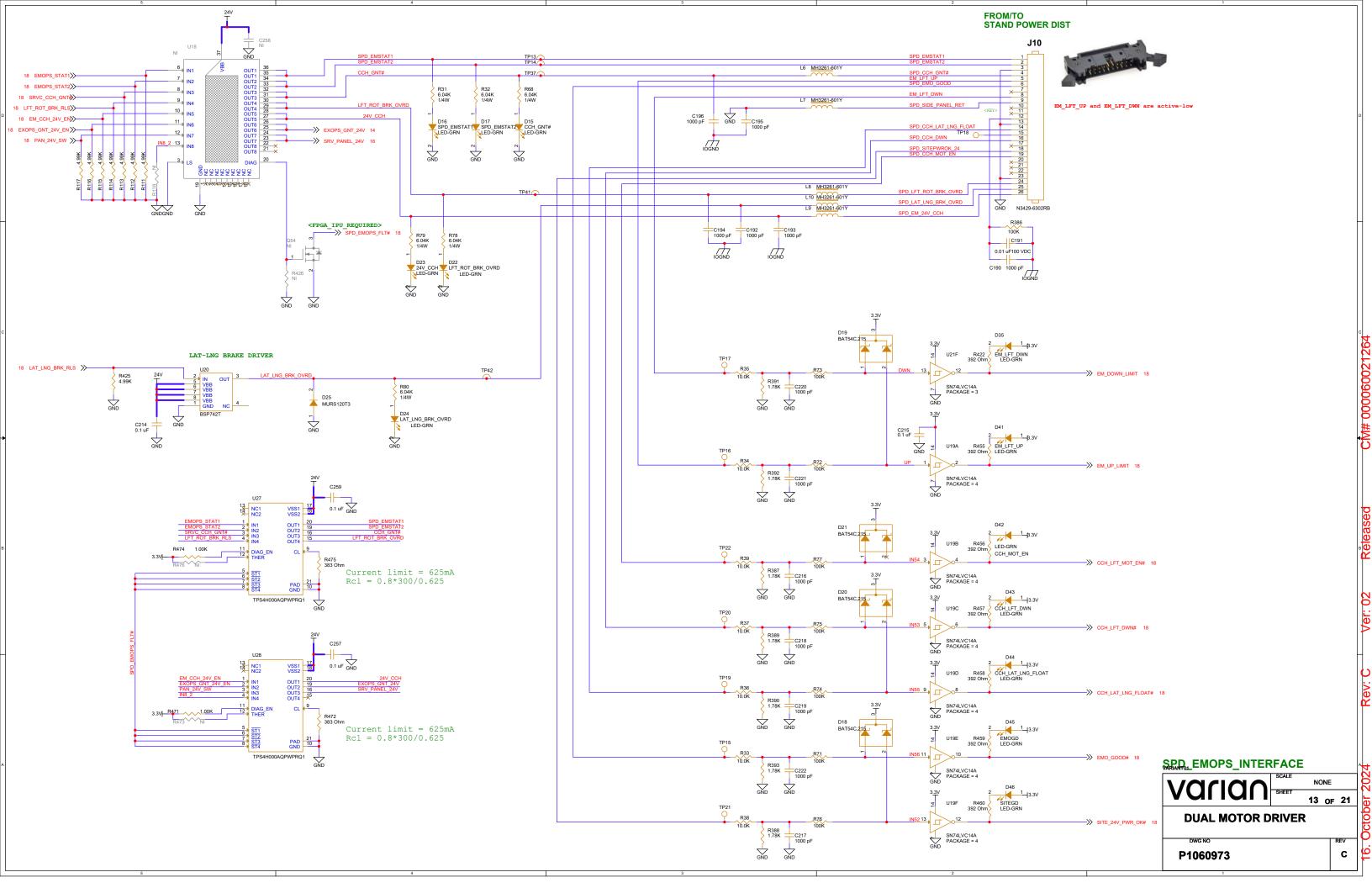
Varian SHEET

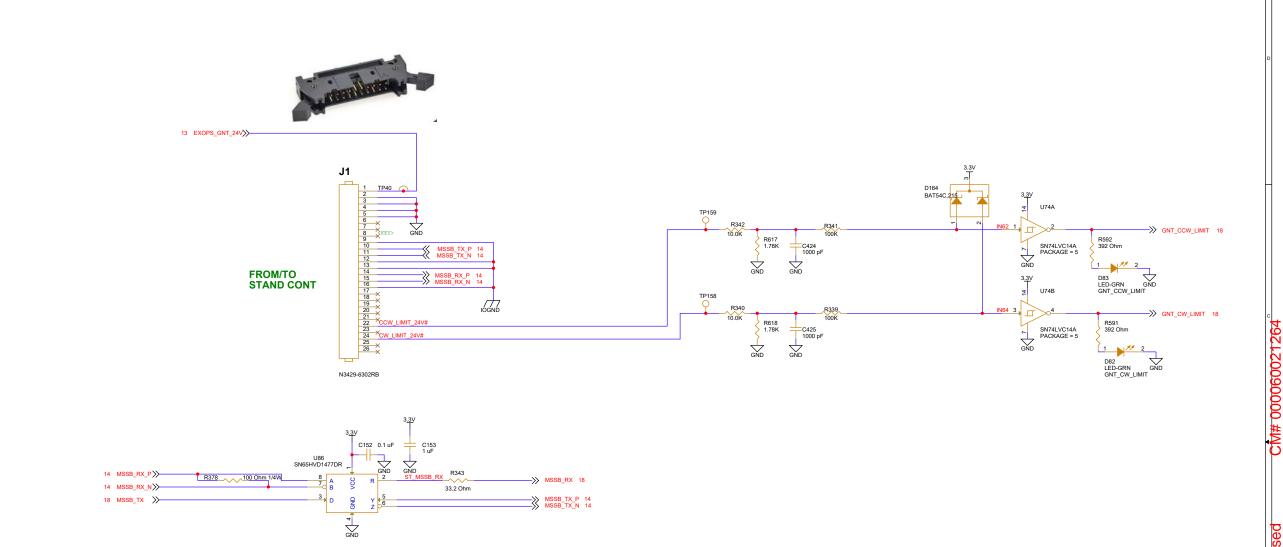
**DUAL MOTOR DRIVER** 

P1060973

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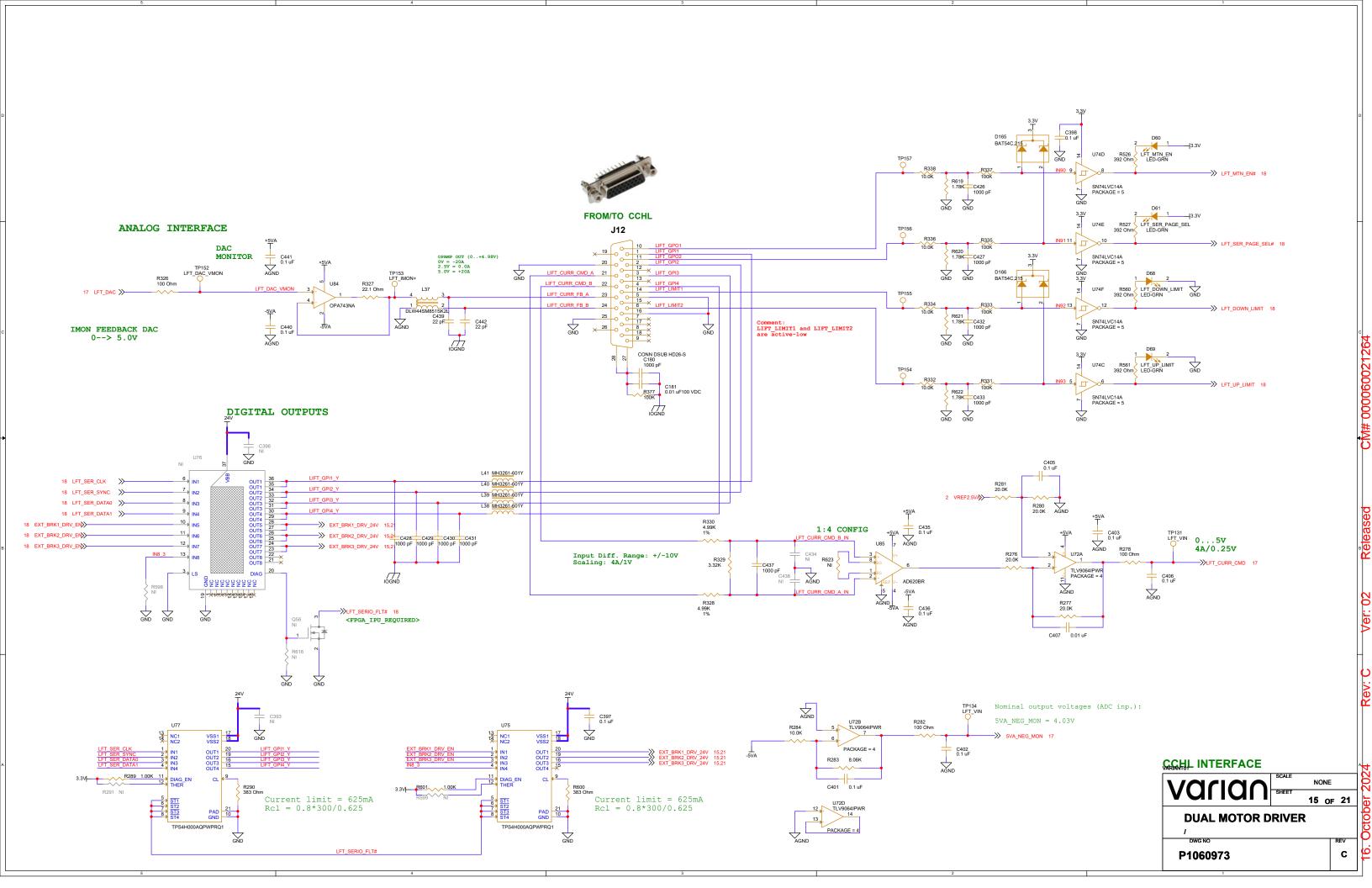


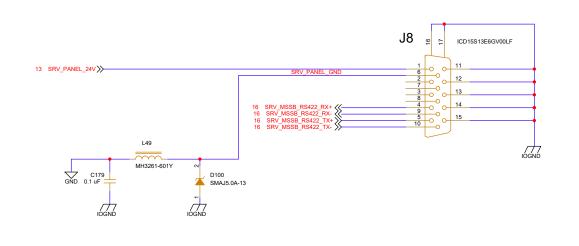




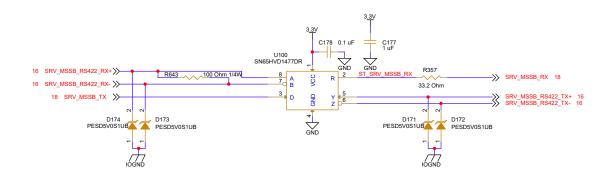
**DUAL MOTOR DRIVER** С

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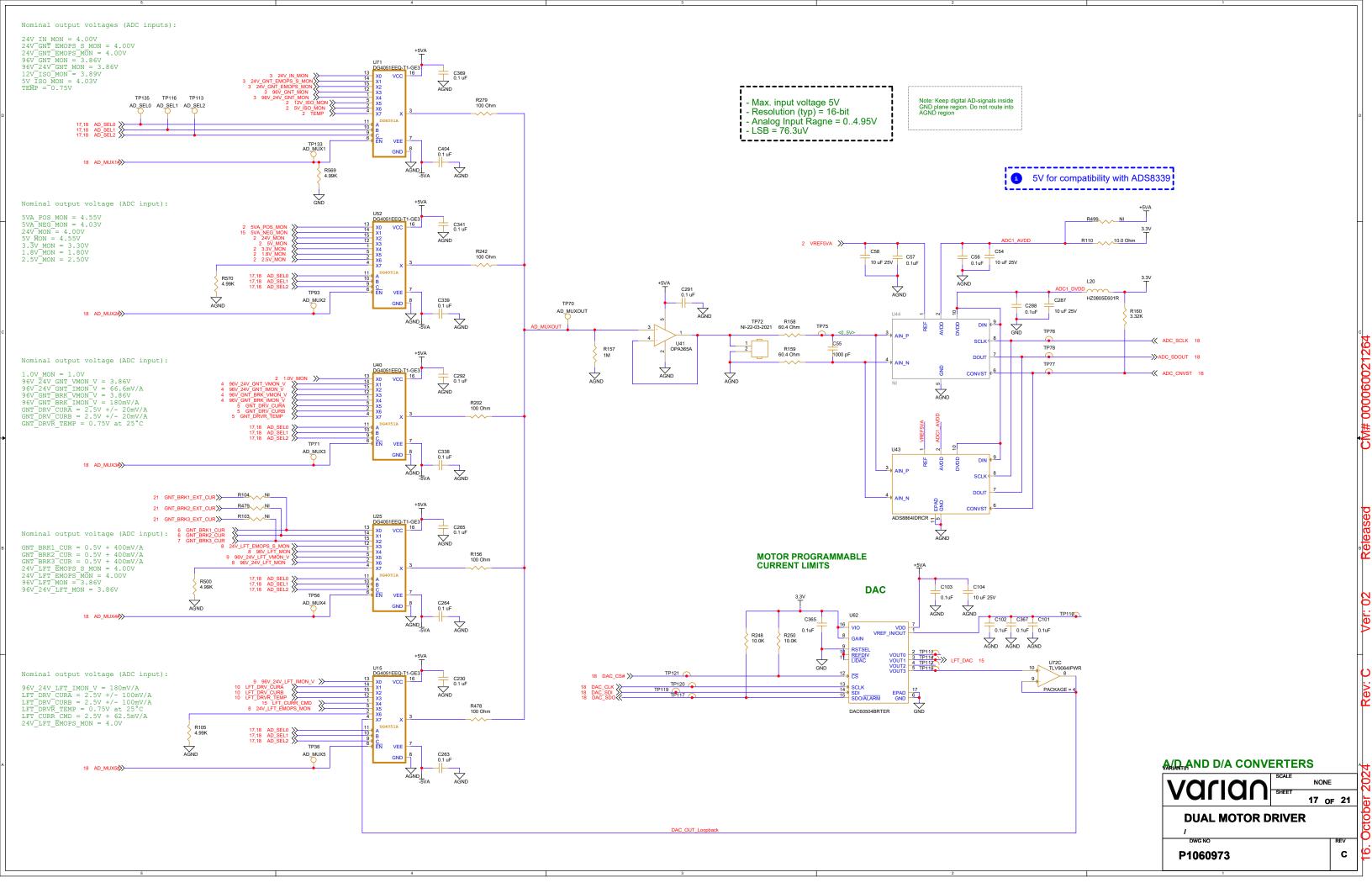


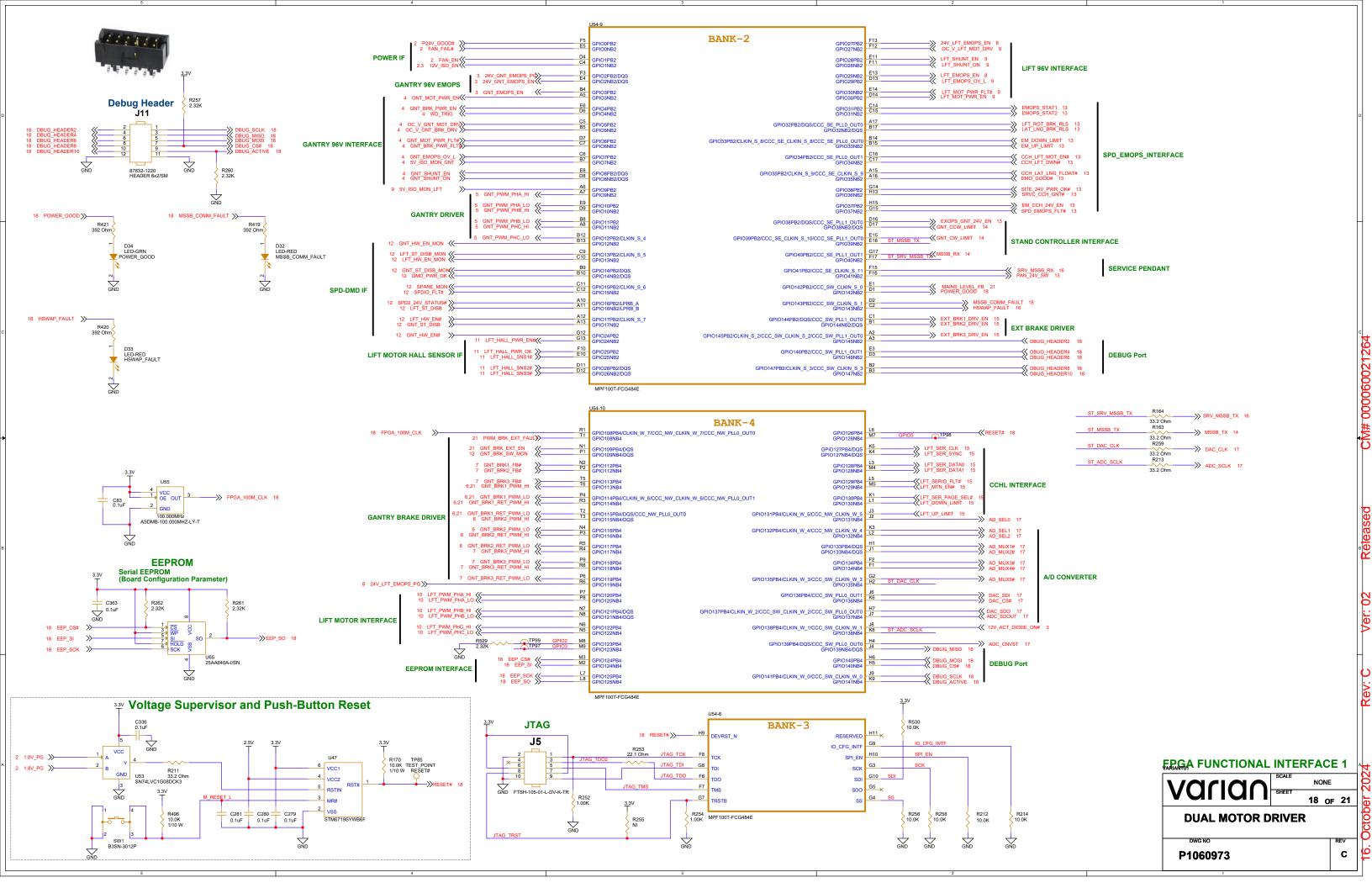




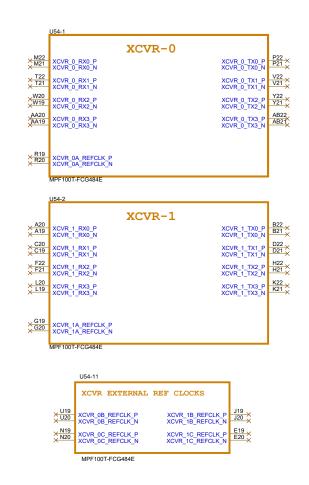
SERVICE PENDANT

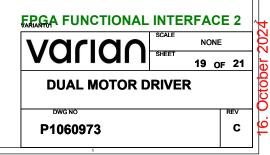
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DUAL MOTOR DRIVER							
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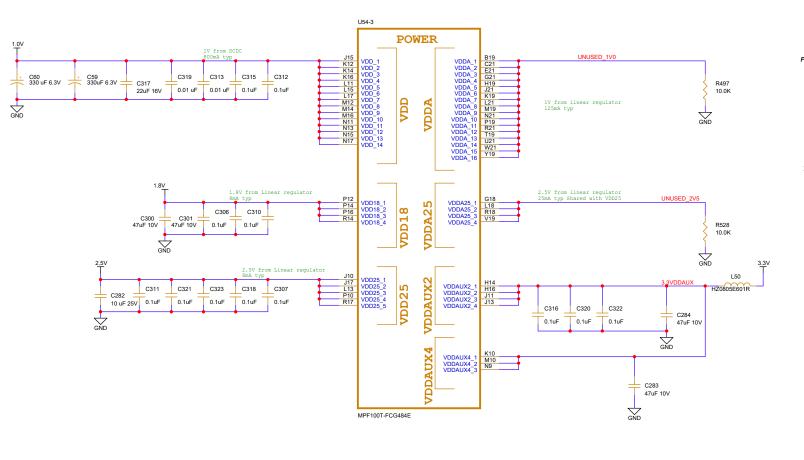


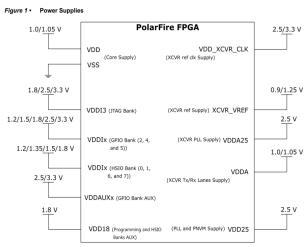


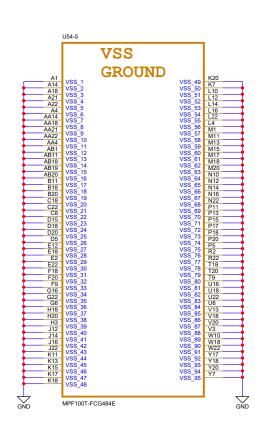
	BANK-1	
17	HSIO42PB1/CCC_NE_CLKIN_N_11	HSIO54PB1
J17	HSIO42NB1	HSIO54NB1
/16	HSIO43PB1/CCC_NE_PLL0_OUT1	HSIO55PB1
/16	HSIO43NB1	HSIO55NB1
/17	HSIO44PB1/CCC_NE_CLKIN_N_10/CCC_NE_PLL0_OUT0	HSIO56PB1
/17	HSIO44NB1	HSIO56NB1
317	HSIO45PB1/DQS/CCC_NE_PLL0_OUT0	HSIO57PB1/DQS
\17	HSIO45NB1/DQS	HSIO57NB1/DQS
\16	HSIO46PB1	HSIO58PB1
′16	HSIO46NB1	HSIO58NB1
16	HSIO47PB1	HSIO59PB1
R16	HSIO47NB1	HSIO59NB1
′15	HSIO48PB1/CLKIN_N_9/CCC_NE_CLKIN_N_9	HSIO66PB1/CLKIN_N_7
\15	HSIO48NB1	HSIO66NB1
/14	HSIO49PB1/CCC_NE_PLL1_OUT1	HSIO67PB1
/14	HSIO49NB1	HSIO67NB1
314	HSIO50PB1/CLKIN_N_8/CCC_NE_CLKIN_N_8/CCC_NE_PLL1_OUT0	HSIO68PB1/CLKIN_N_6
315	HSIO50NB1	HSIO68NB1
\12	HSI051PB1/DQS/CCC_NE_PLL1_OUT0	HSIO69PB1/DQS
312	HSI051NB1/DQS	HSIO69NB1/DQS
13	HSIO52PB1	HSIO70PB1
13	HSIO52NB1	HSIO70NB1
/13	HSIO53PB1	HSIO71PB1
/13	HSIO53NB1	HSIO71NB1











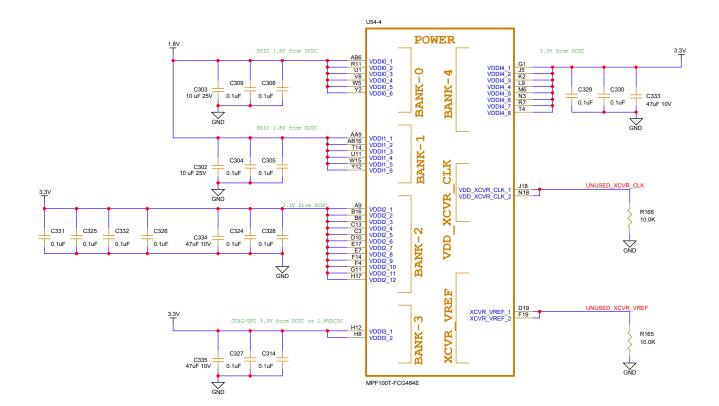
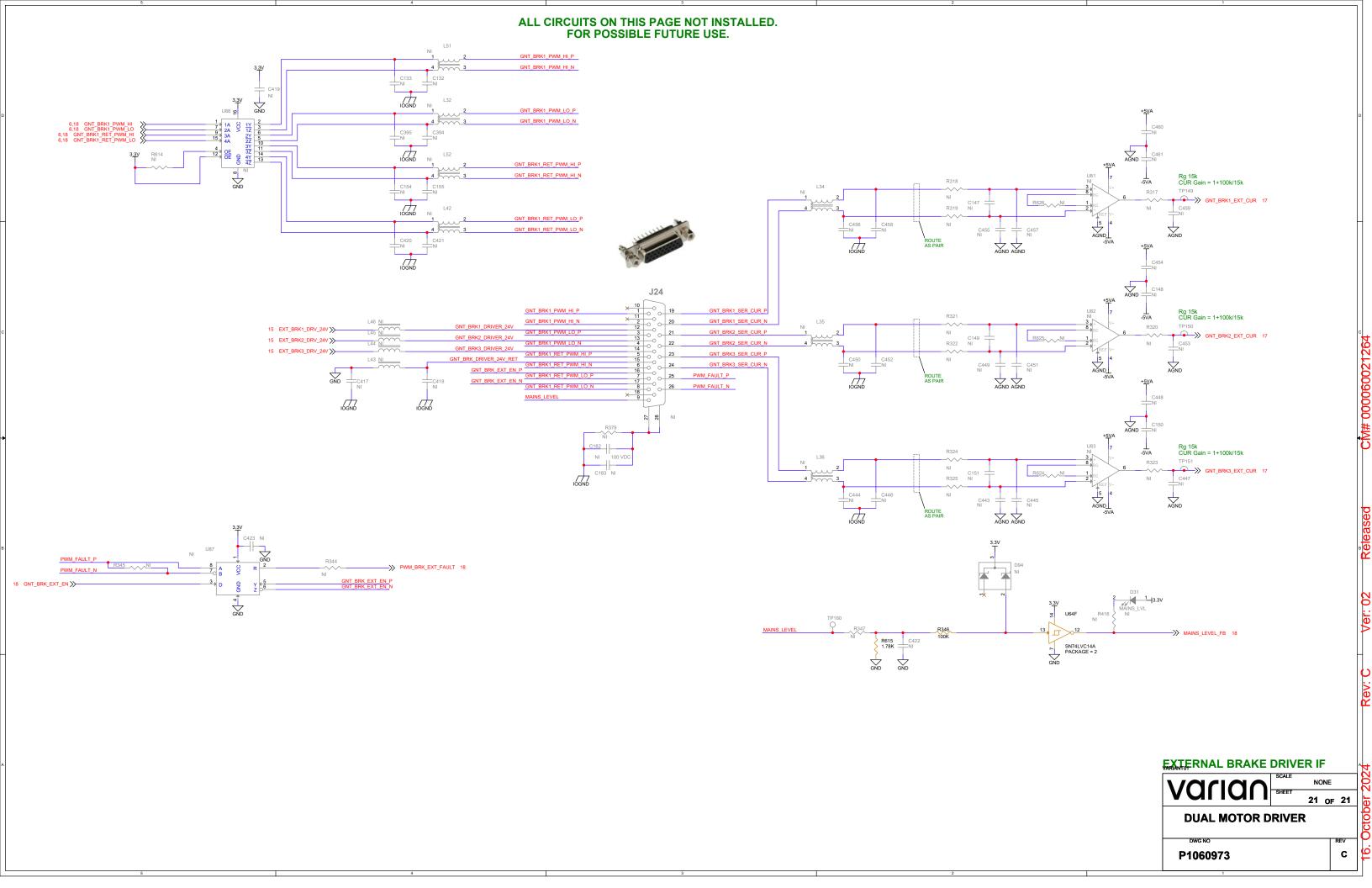


Table 12 • Power-Supply Decoupling Capacitors—MPF100T - FCG484 (1 mm)

		Tantalun							
Pin Name	4.7 nF	10 nF	0.1 μF	1 μF	4.7 µF	10 μF	47 μF	330 µF	
V <sub>DD</sub>		2	2					1	
V <sub>DD18</sub>			2				2		
V <sub>DD25</sub>			5			1			
$V_{DDA}$	3	1	6				1		
V <sub>DDA25</sub>			4				1		
V <sub>DDIO3</sub>			2			1			
V <sub>DDAUXx</sub> <sup>1</sup>			2				1		
GPIO Bank <sup>2</sup>			2				1		
HSIO Bank <sup>3</sup>			2				1		
VDD_XCVR_CLK			2			1			
XCVR_VREF			2						

- 1. Required Decoupling Capacitor for each VDDAUXx.
- 2. Required Decoupling Capacitor for each GPIO bank.
- Required Decoupling Capacitor for each HSIO bank.





# Signature File



Document: P1060973/SCH/000/02

Description: SCH, DUAL MOTOR DRIVER

Change Master Number: 60021264 ECN Number: 200109890

**ECN** Description:

## Signature list

Date	Time	User	Status
16, October 2024	18:26:12	Gary Yen	Released
11, October 2024	21:39:08	Rami Abdelmotalib	Approved
11, October 2024	16:39:32	Kevin Greenberg	In Eng Approval
10, October 2024	23:20:20	Gary Yen	In Checking
10, October 2024	23:20:02	Gary Yen	In Drafting
10, October 2024	23:07:38	Gary Yen	In Works