

PROVIDE GUARD RING AROUND Q1

(1) TESTMODE ☐


AUTHENTICATION CHIP

Part not present

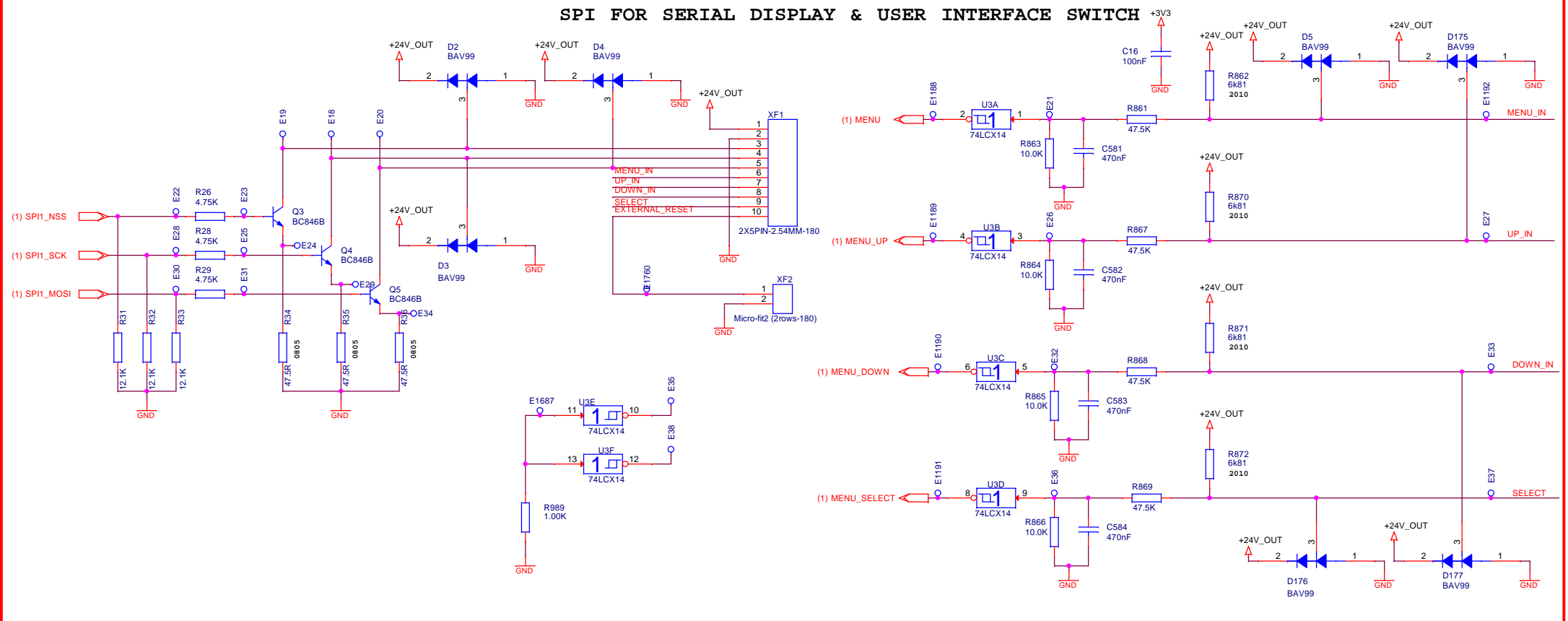
[illegible]

Place 4.7uF Capacitor near to VDD_3

D66 TXT:SAFETY
INTERRUPT

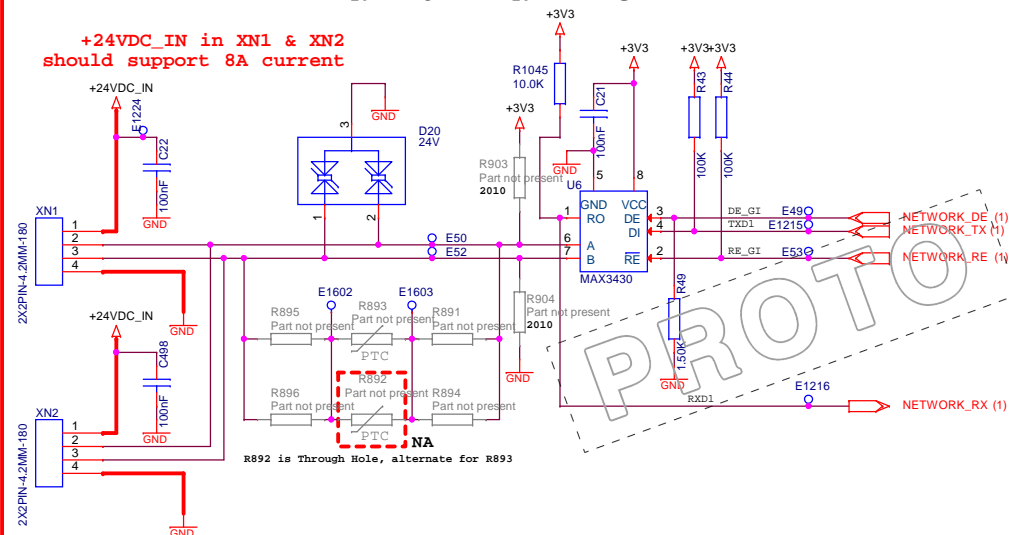
E	REFER CR LIST ID 92 TO 98	12/05/20	SA	SR	Designed by	PRAVEEN B		Checked by	Uvasri/Iido A		Language	EN		
D	REFER CR LIST ID 83 TO 91	17/07/15	SA	SR	Dept	IRD	Date	09/03/18		Approved by	Rajkumar S		Comp Family Codes	
C	REFER CR LIST 57 TO 82	06/12/18	SA	SR	601LCB									-
B	REFER CR LIST 26 TO 56	29/08/18	SA	SR	601LCB									-
Issue Change description		Date	Des.	by	Appr. by	CONTROLLER								
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										E	1 of 10			

SPI FOR SERIAL DISPLAY & USER INTERFACE SWITCH



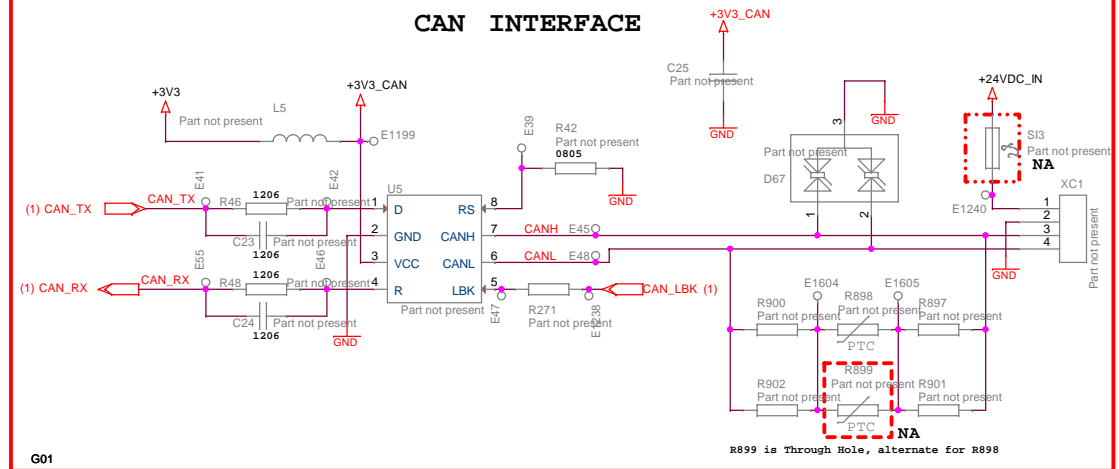
NETWORK INTERFACE

+24VDC_IN in XN1 & XN2
should support 8A current



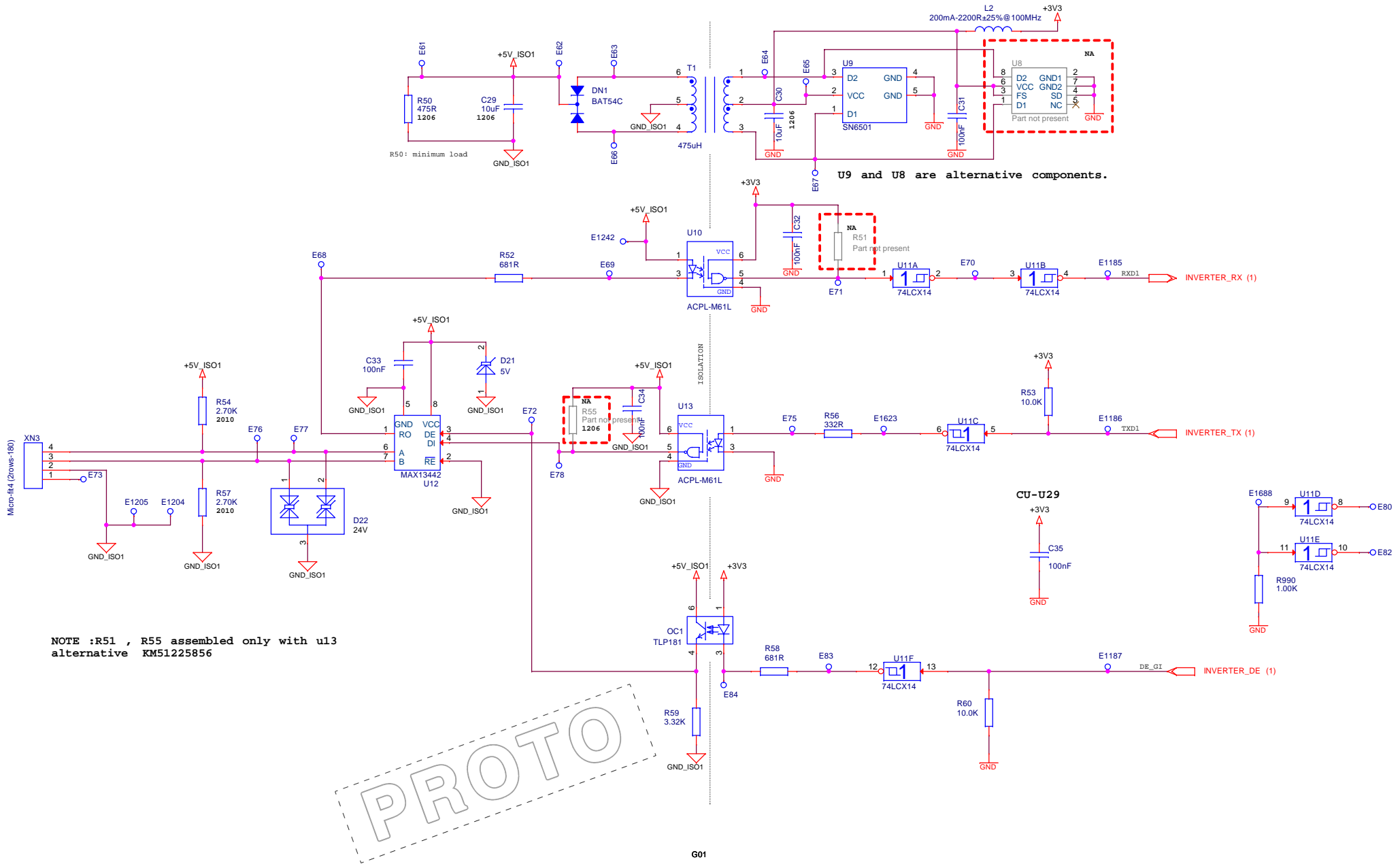
NOTE :External 120R termination to be provided outside in electrification
NOTE :R892 , R899 assembled only when R893 & R898 is not available

CAN INTERFACE



E	REFER CR LIST ID 92 TO 98	12/05/20	SA	SR	Designed by	PRAVEEN B		Checked by	Uvaraj/Lido A	Language	EN
D	REFER CR LIST ID 83 TO 91	17/07/18	SA	SR	Dept	RD	Date	09/03/18	Approved by	Rajkumar S	Comp Family Codes
C	REFER CR LIST 57 TO 82	06/12/18	SA	SR	601LCB						
B	REFER CR LIST 26 TO 56	29/08/18	SA	SR	NETWORK, CAN & UI						
Issue/Change description					Date	Des.	by	Appr. by	Sales Ref. no.		
KONE									Drawing no.		
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SECOND HANDRAIL INVERTER INTERFACE



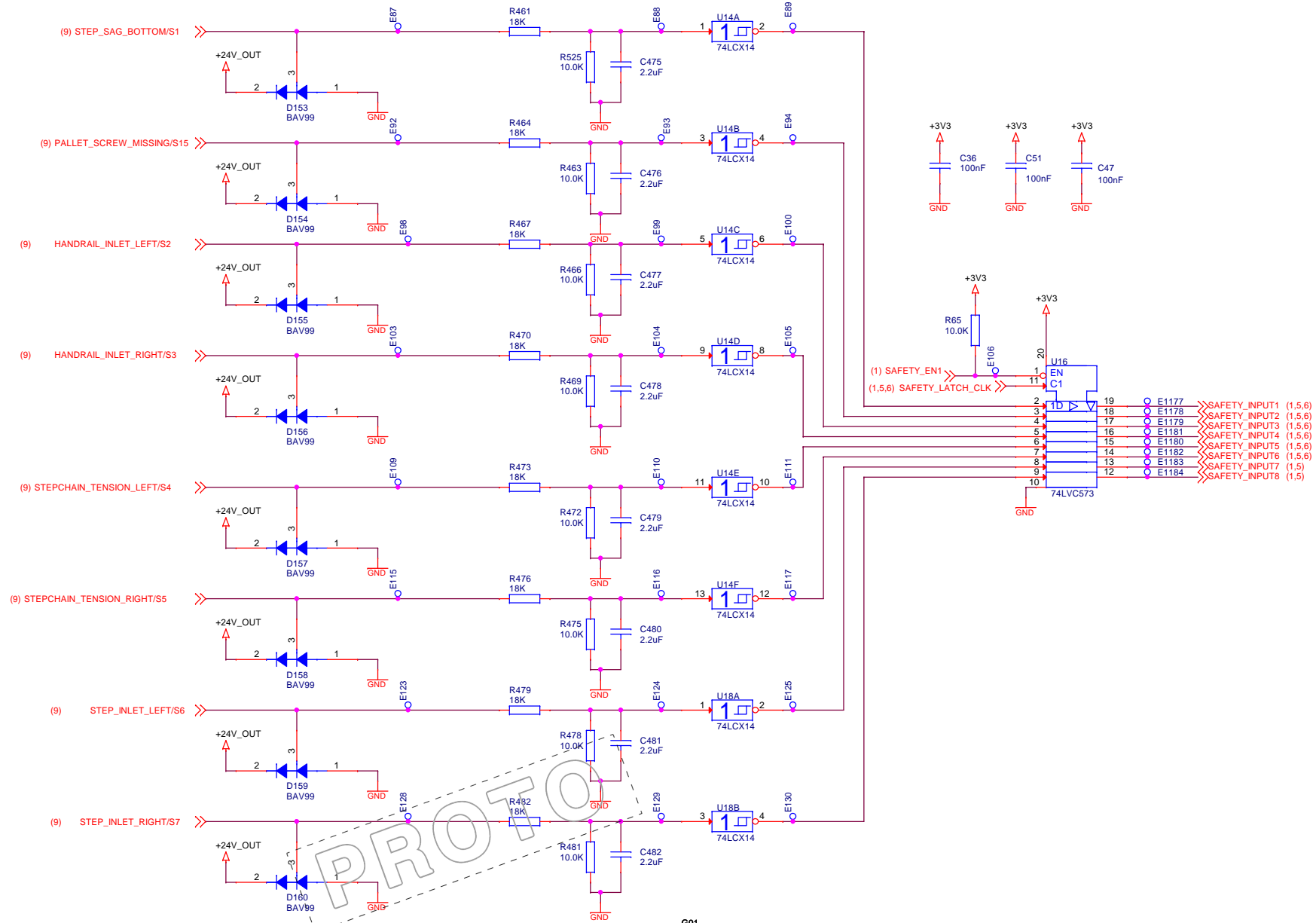
NOTE :R51 , R55 assembled only with u13
alternative KM51225856

G01

E	REFER CR LIST ID 92 TO 98	12/05/20	SA	SR	Designed by	PRAVEEN B	Checked by	Uvaraj/Lido A	Language	EN
D	REFER CR LIST ID 83 TO 91	17/07/19	SA	SR	Dept	IRD	Date	09/03/18	Approved by	Rajkumar S
C	REFER CR LIST 57 TO 82	06/12/18	SA	SR					Comp	Family Codes
B	REFER CR LIST 26 TO 56	29/08/18	SA	SR						
Issue	Change description	Date	Des. by	Appr. by	INVERTER INTERFACE					
Sales ref no.		Drawing no.		Issue		Page				
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SAFETY MONITORING - 1

Cut-off Frequency - 40Hz

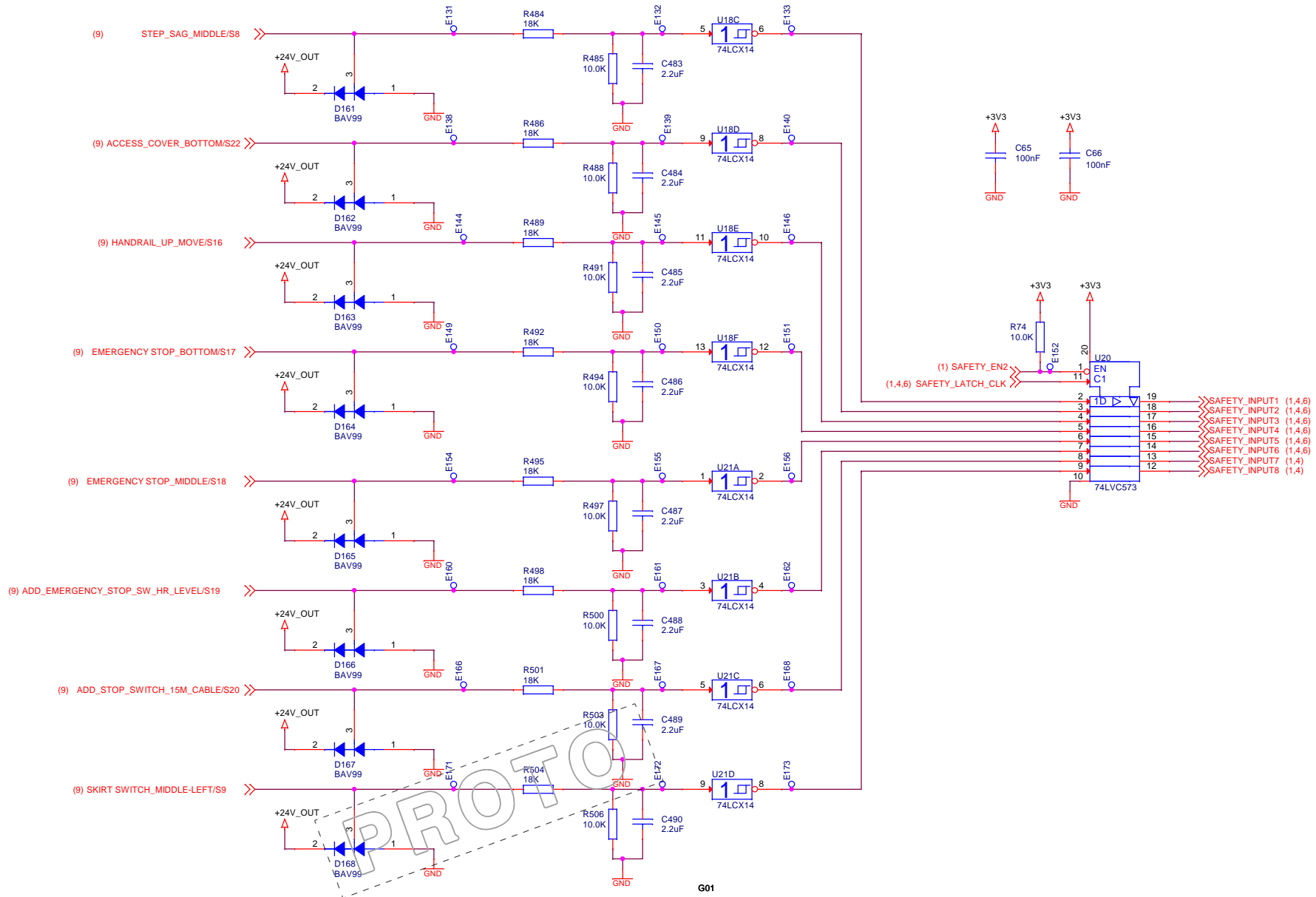


G01


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D	REFER CR LIST ID 83 TO 91	17/07/19	SA	SR	Dept	IRD	Date	09/03/18	Approved by	Rajkumar S
C	REFER CR LIST 57 TO 82	06/12/18	SA	SR					Comp	Family Codes
B	REFER CR LIST 26 TO 56	29/08/18	SA	SR						
Issue	Change description	Date	Des.	Appr.						
SAFETY MONITORING1										
Sales ref no.							Drawing no.		Issue	Page
							51437977D02		E	4 of 10

SAFETY MONITORING - 2

Cut-off Frequency - 40Hz

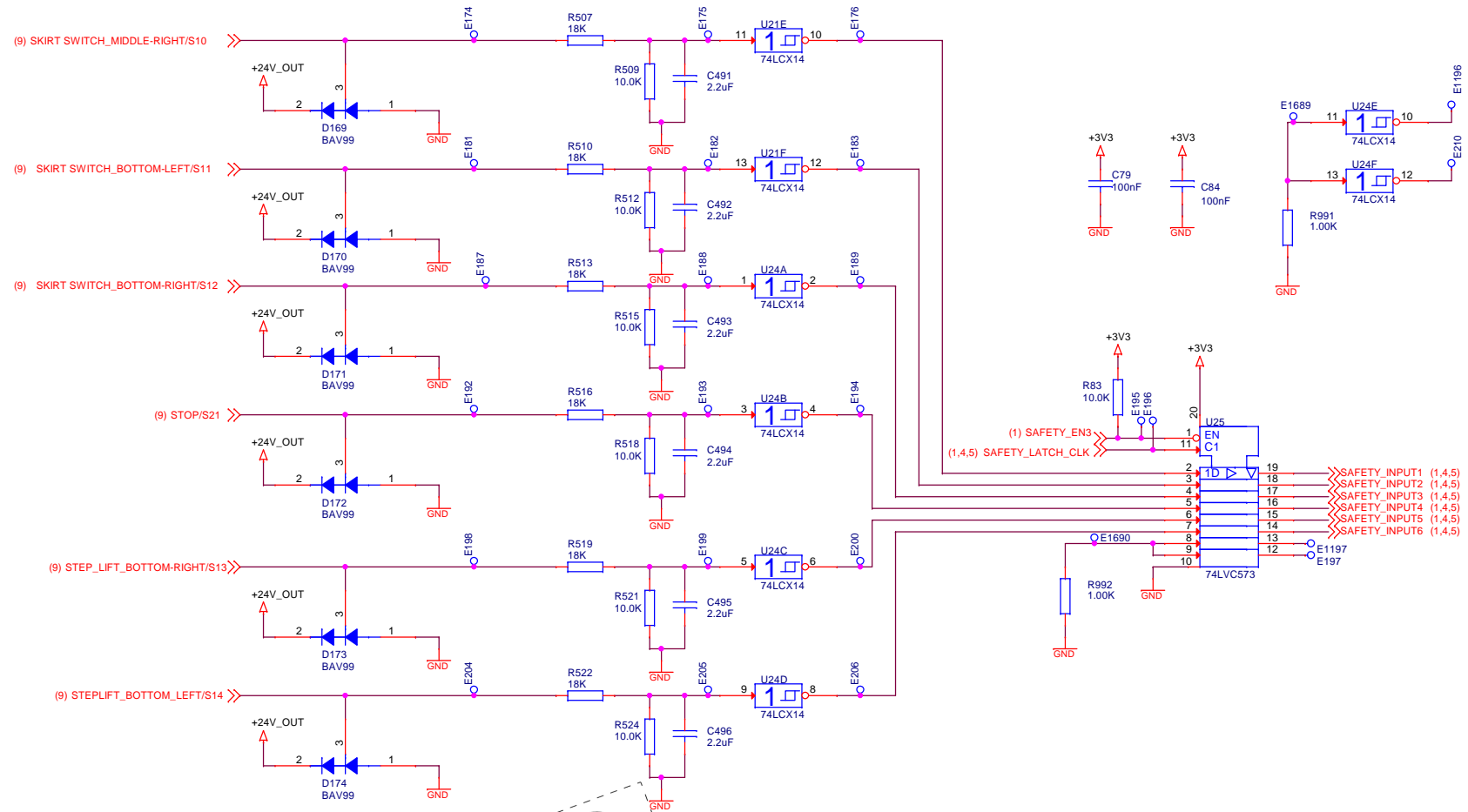


G01

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D	REFER CR LIST ID 83 TO 91	17/07/13	SA	SR	Dept	IRD	Date	09/03/18	Approved by	Rajkumar S	Comp Family Codes	
C	REFER CR LIST 57 TO 82	06/12/18	SA	SR	601LCB							
B	REFER CR LIST 26 TO 56	29/08/18	SA	SR								
Issue/Change description					SAFETY MONITORING2							
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							51437977D02		E		5 of 10	

SAFETY MONITORING - 3

Cut-off Frequency - 40Hz



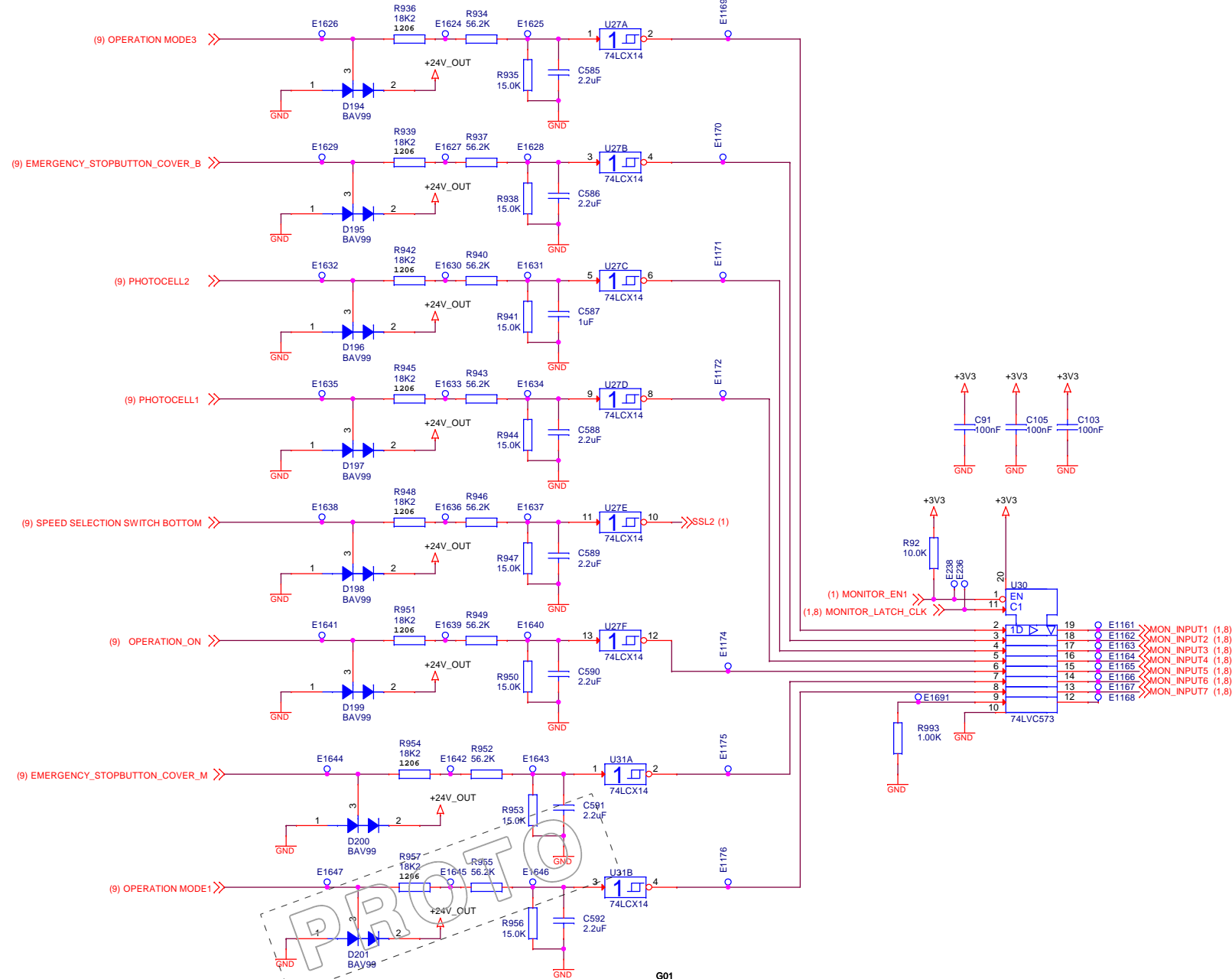
PROTO

G01

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D	REFER CR LIST ID 83 TO 91	17/07/19	SA	SR	Dept	IRD	Date	09/03/18	Approved by	Rajkumar S	Comp Family Codes
C	REFER CR LIST 57 TO 82	06/12/18	SA	SR	601LCB						
B	REFER CR LIST 26 TO 56	29/08/18	SA	SR	601LCB						
Issue Channel description					Date	Des. by	Appr. by	SAFETY MONITORING3			
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					Sales ref no.	Drawing no.		Issue	Page		
						51437977D02		E	6 of 10		

GENERAL INPUT MONITORING - 1

Cut-off Frequency - 18Hz

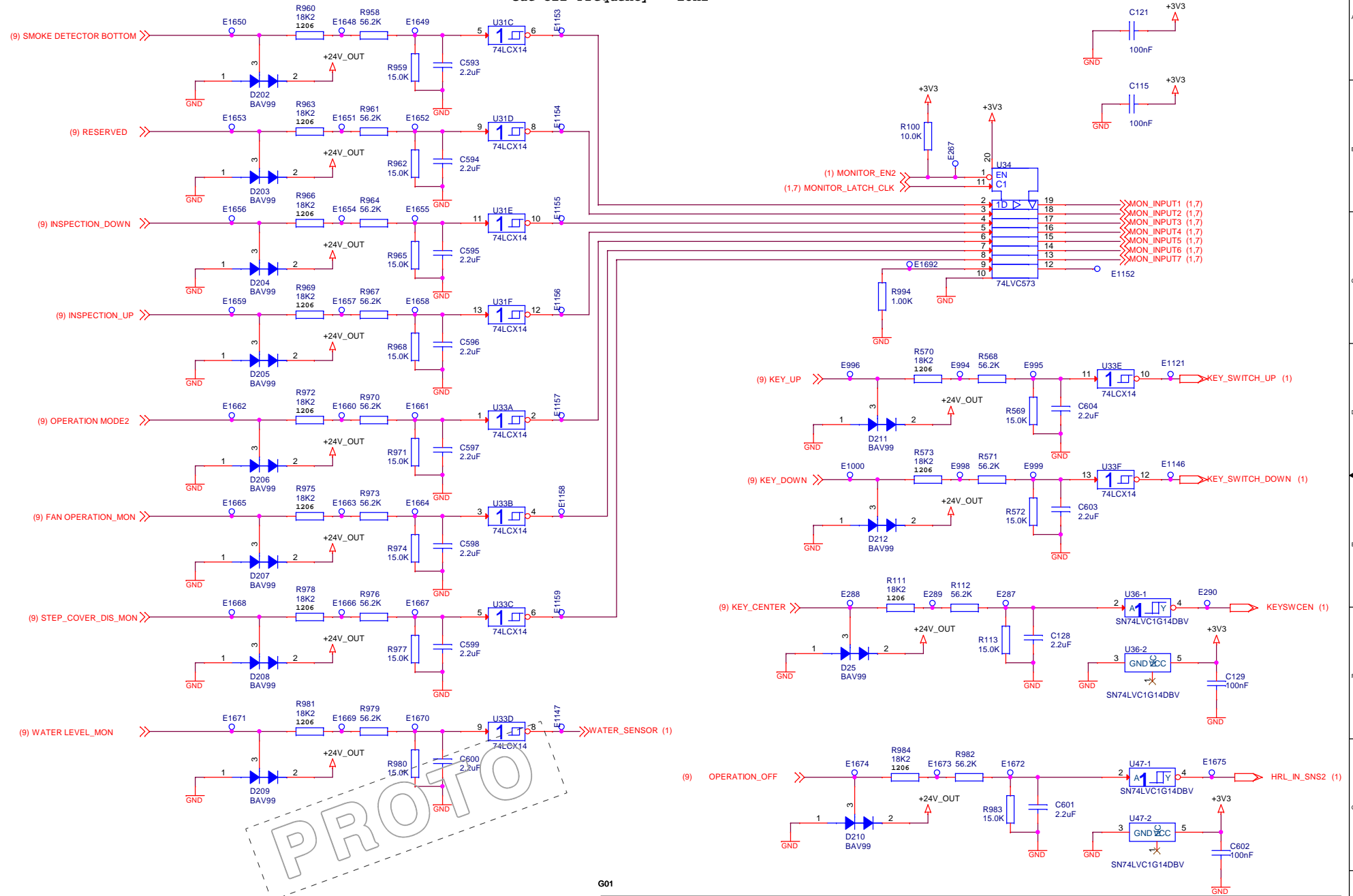


G01

E	REFER CR LIST ID 92 TO 98	12/05/20	SA	SR	Designed by	PRAVEEN B	Checked by	Uvaraj/Lido A	Language	EN
D	REFER CR LIST ID 83 TO 91	17/07/18	SA	SR	Dept	IRD	Date	09/03/18	Approved by	Rajkumar S
C	REFER CR LIST 57 TO 82	06/12/18	SA	SR					Comp Family Codes	-
B	REFER CR LIST 26 TO 56	29/08/18	SA	SR						
Issue/Change description					Date Des. by Appr. by					
KONE					GENERAL INPUT MONITORING1					
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GENERAL INPUT MONITORING - 2

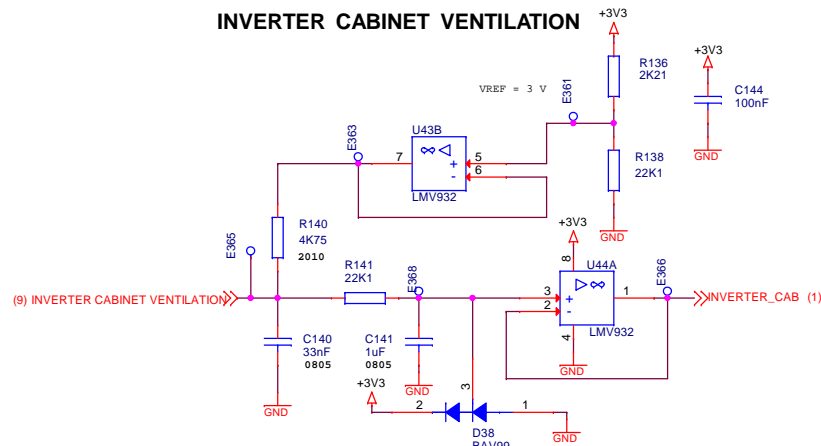
Cut-off Frequency - 18Hz



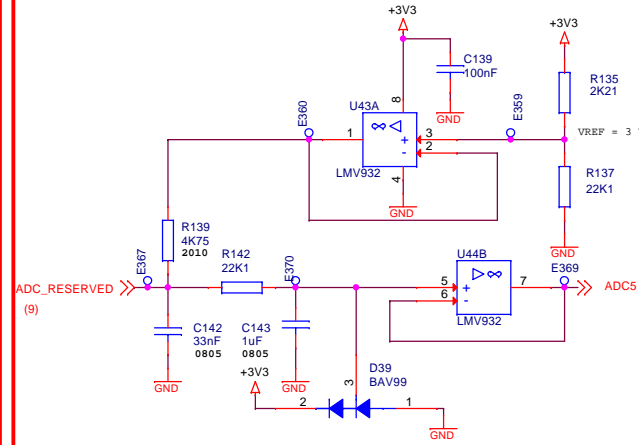
G01

E	REFER CR LIST ID 92 TO 98	12/05/20	SA	SR	Designed by	PRAVEEN B	Checked by	Uvaraj/Lido A	Language	EN
D	REFER CR LIST ID 83 TO 91	17/07/18	SA	SR	Dept	IRD	Date	09/03/18	Approved by	Rajkumar S
C	REFER CR LIST 57 TO 82	06/12/18	SA	SR					Comp Family Codes	-
B	REFER CR LIST 26 TO 56	29/08/18	SA	SR						
Issue/Change description					Date Des. by Appr. by					
KONE					GENERAL INPUT MONITORING2					
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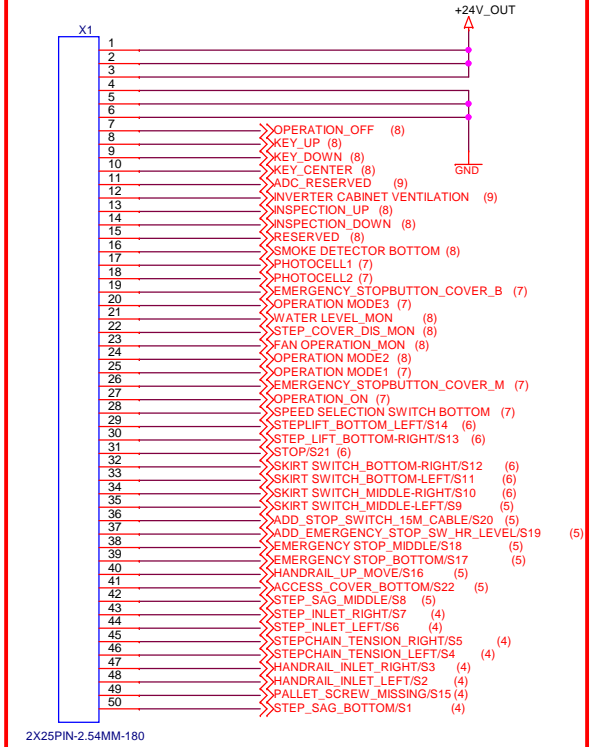
INVERTER CABINET VENTILATION



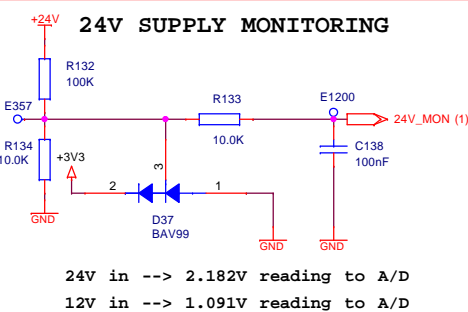
TEMPERATURE SENSOR ADC INPUT'S



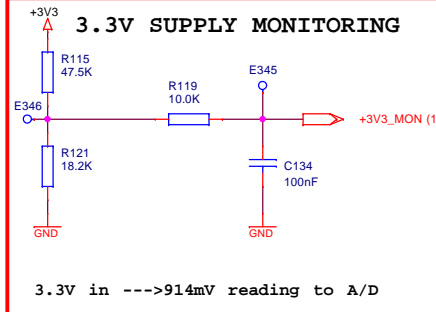
GENERAL INPUT & SAFETY CONNECTOR



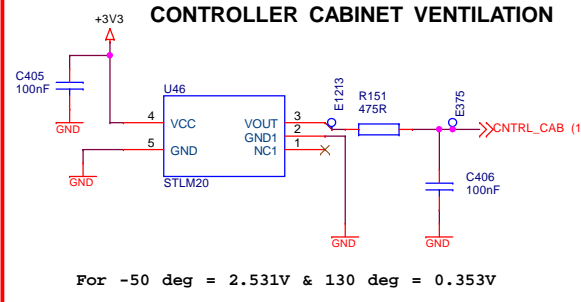
24V SUPPLY MONITORING



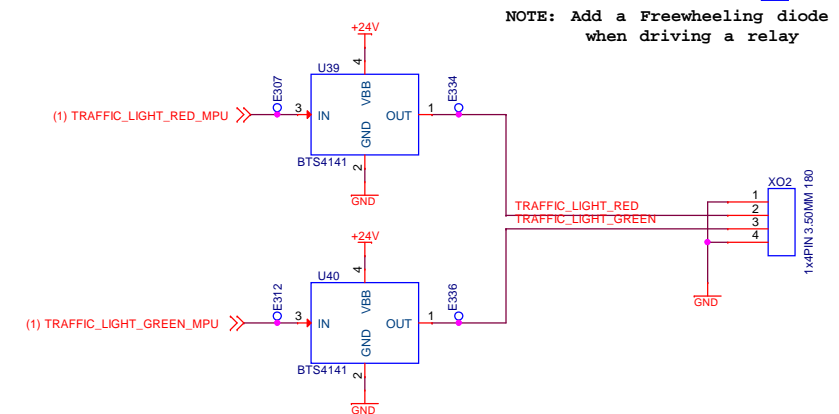
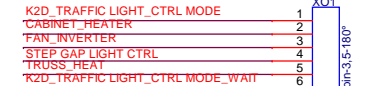
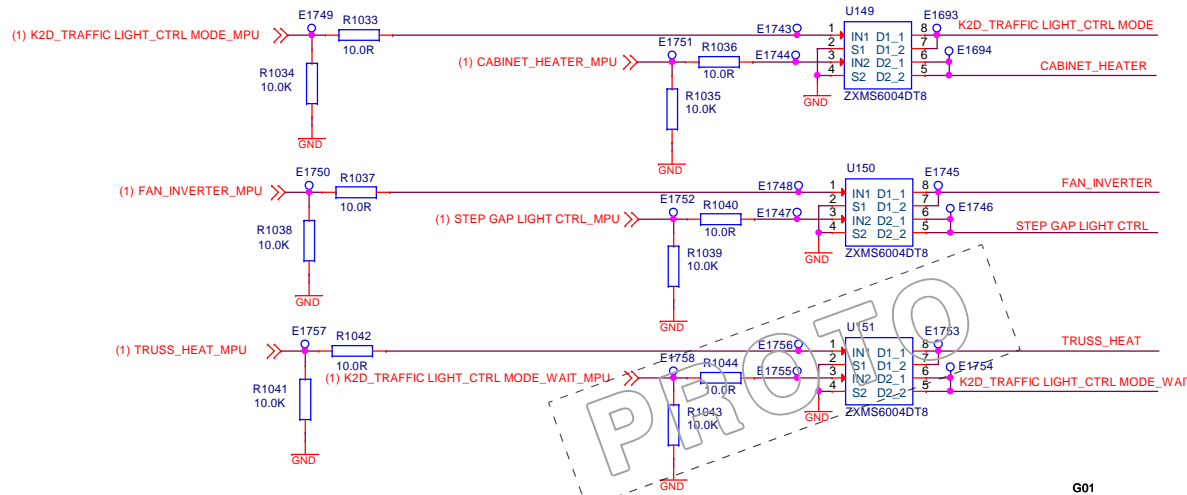
3.3V SUPPLY MONITORING



CONTROLLER CABINET VENTILATION



OUTPUT INTERFACE



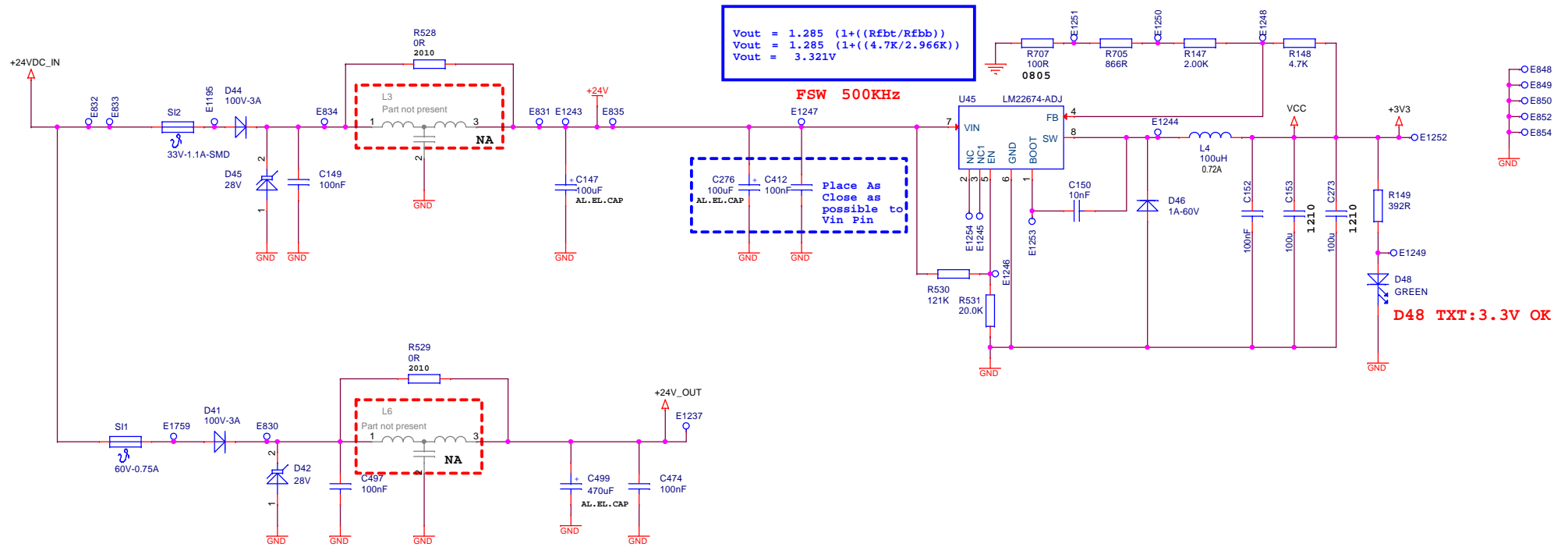
G01

E	REFER CR LIST ID 92 TO 98	12/05/20	SA	SR	Designed by	PRAVEEN B	Checked by	Uvaraj/Lido A	Language	EN
D	REFER CR LIST ID 83 TO 91	17/07/19	SA	SR	Dept	IRD	Date	09/03/18	Approved by	Rajkumar S
C	REFER CR LIST 57 TO 82	06/12/18	SA	SR	601LCB					
B	REFER CR LIST 26 TO 56	29/08/18	SA	SR	CONNECTOR, POWERSUPPLY MONITORING, ADC & OUTPUT INTERFACE					
Issue/Change description		Date	Des.	by	Appr.					
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POWER SECTION



PROTO

G01

E	REFER CR LIST ID 92 TO 98	12/05/20	SA	SR	Designed by	PRAVEEN B	Checked by	Uvaraj/Lido A	Language	EN
D	REFER CR LIST ID 83 TO 91	17/07/18	SA	SR	Dept	IRD	Date	09/03/18	Approved by	Rajkumar S
C	REFER CR LIST 57 TO 82	06/12/18	SA	SR	601LCB				Comp Family Codes	-
B	REFER CR LIST 26 TO 56	29/08/18	SA	SR	POWER SUPPLY					
Issue/Change description					Sales ref no.		Drawing no.	51437977D02	Issue	E
KONE										Page 10 of 10