
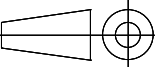
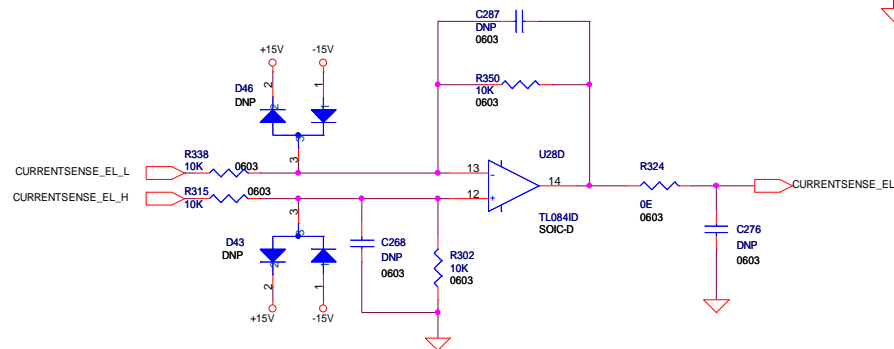
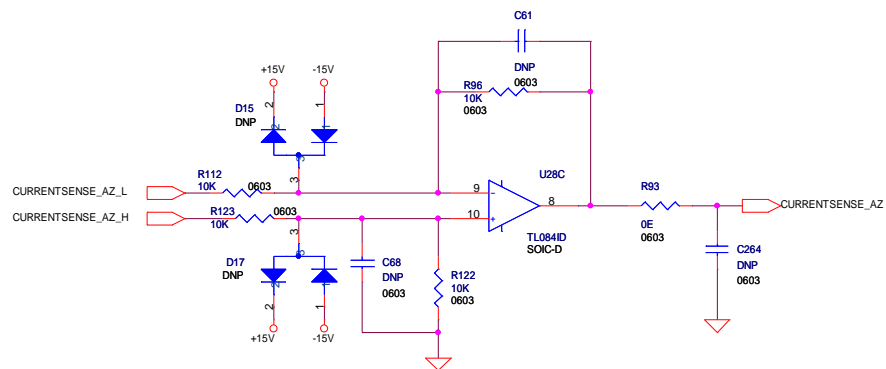
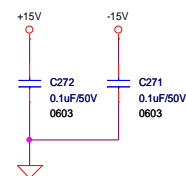
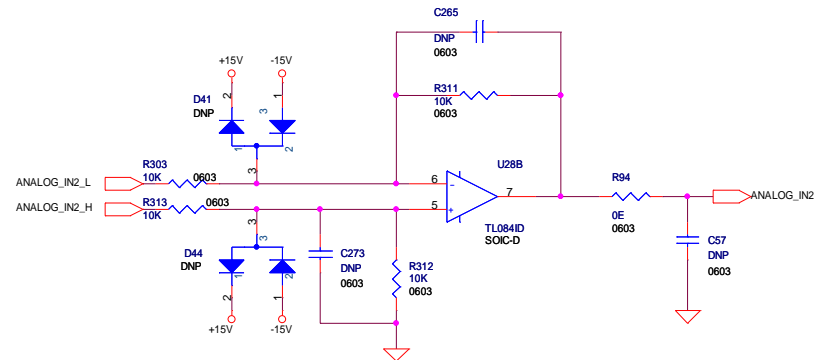
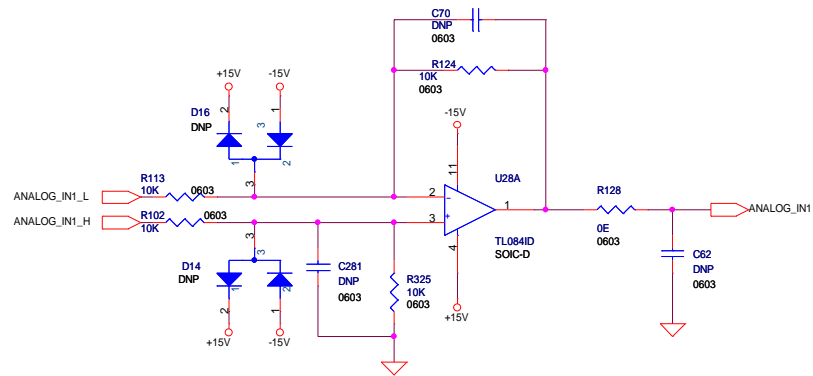



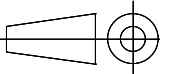
DSP CARD SCHEMATIC - 2 GIMBAL

Pages: Functional Description

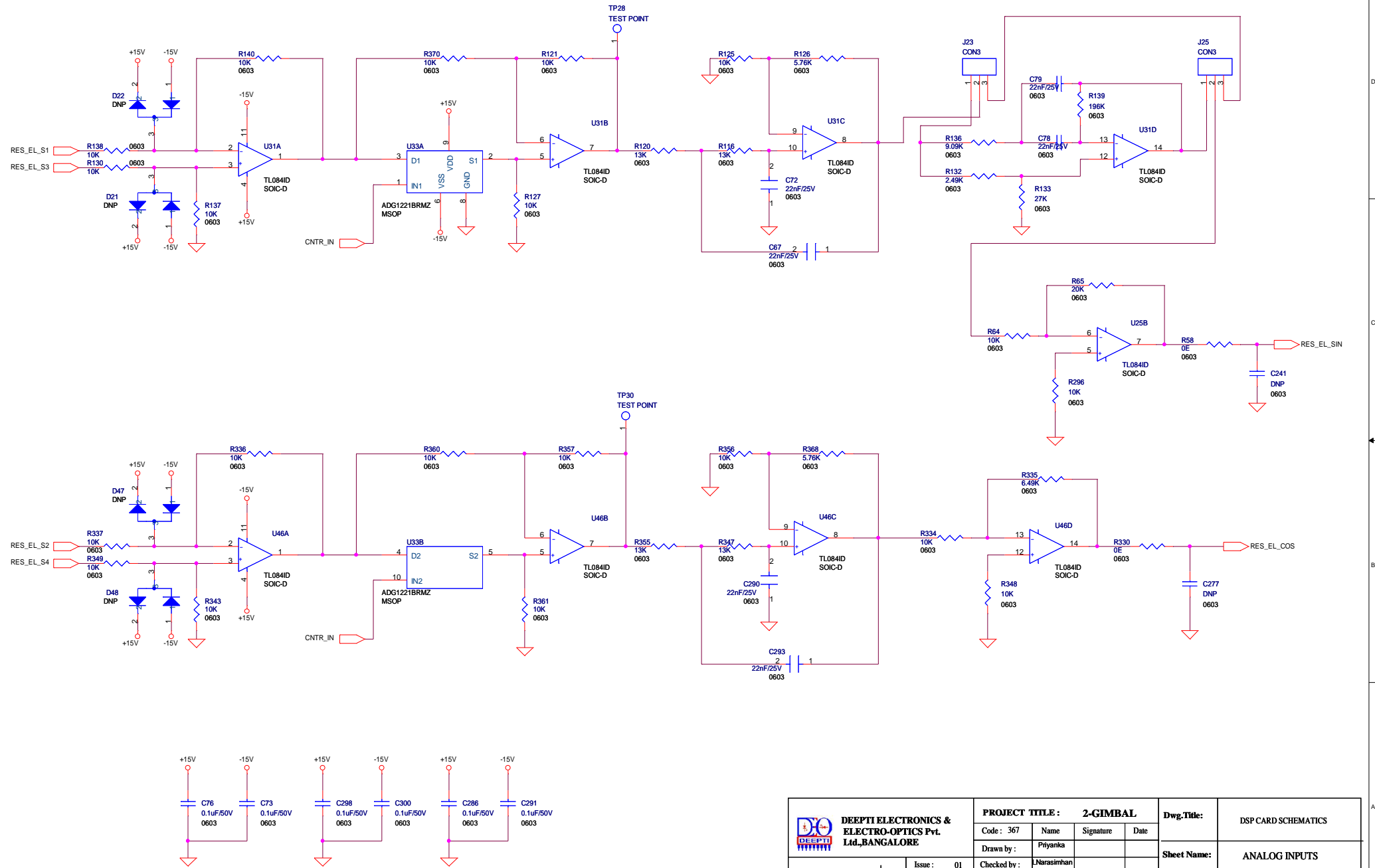
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- PAGE03: ANALOG INPUTS
- PAGE04: ANALOG INPUTS
- PAGE05: ANALOG INPUTS
- PAGE06: ANALOG INPUTS
- PAGE07: ADC & MUX INTERFACE
- PAGE08: DAC INTERFACE
- PAGE09: GYRO A\_PRCs
- PAGE10: GYRO B\_PRCs
- PAGE11: ADSP PERIPHERAL
- PAGE12: ADSP POWER SECTION
- PAGE13: CPLD
- PAGE14: HEALTH STATUS
- PAGE15: QUAD UART INTERFACE
- PAGE16: RDC INTERFACE
- PAGE17: LEVEL TRANSCEIVERS
- PAGE18: POWER SUPPLY CIRCUIT
- PAGE19: CONNECTOR


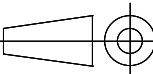
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	Sheet size : A3	Approved by	Shantha		DWG.No.:	367001010103
	Customer :	DEEOPL QA :				

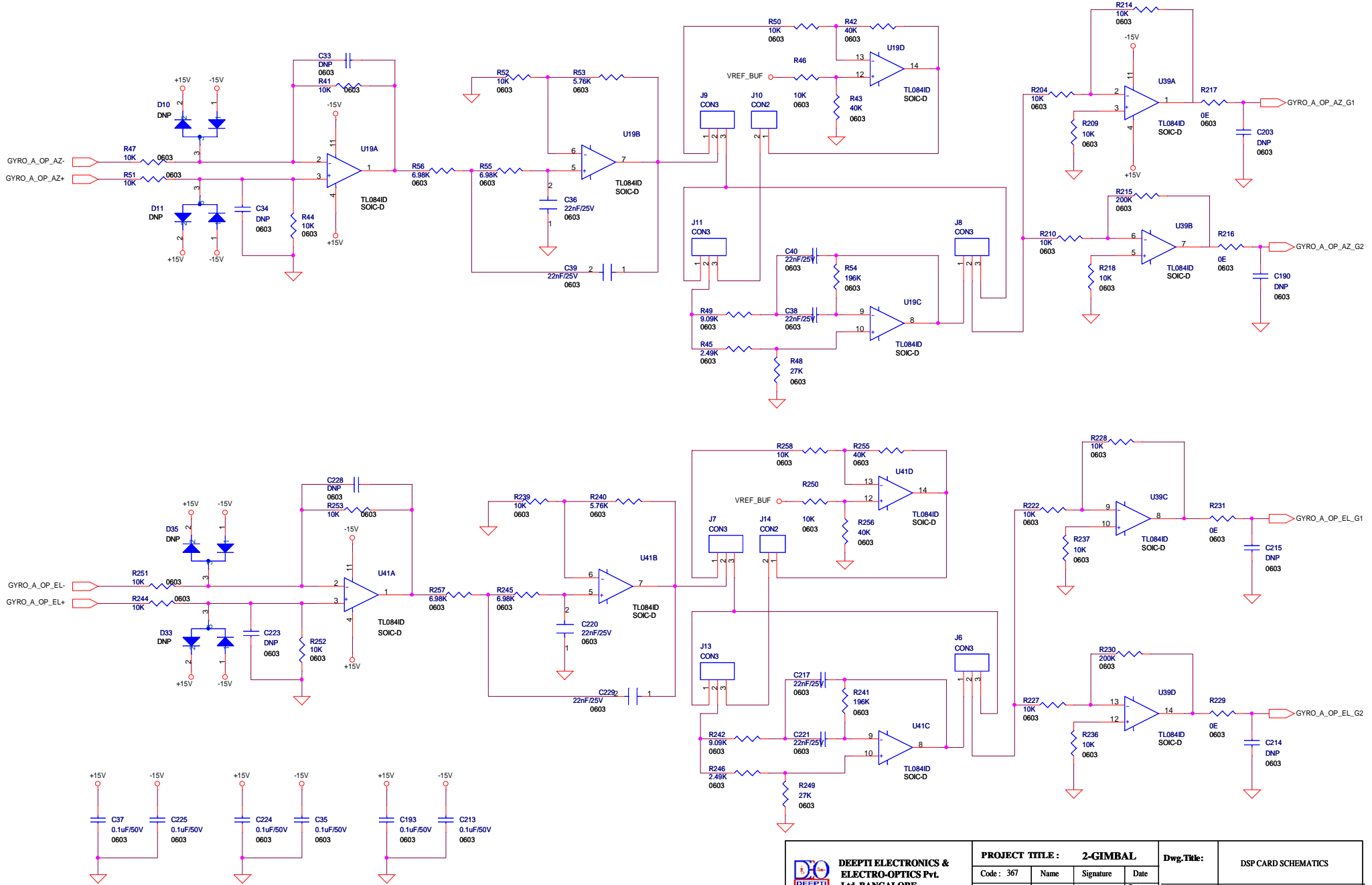



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**DEEPTI ELECTRONICS & ELECTRO-OPTICS Pvt. Ltd.,BANGALORE**

PROJECT TITLE :**2-GIMBAL**

Code : 367

Drawn by : Priyanka

Revision : Nil

Sheet size : A3

Customer :

Checked by : Narasimhan

Passed by : Shridhar

Approved by : Shantha

DEEOPL QA :

Name

Signature

Date

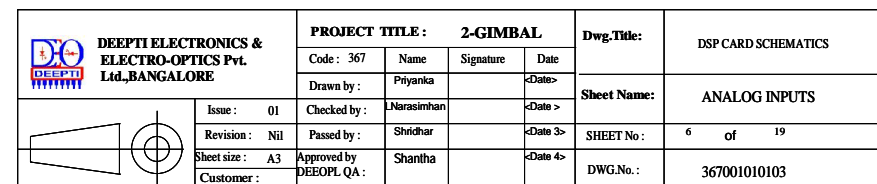
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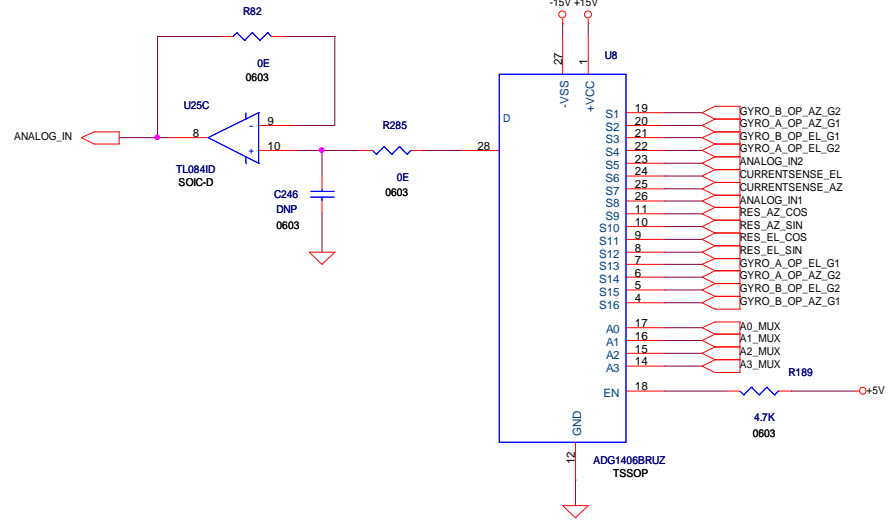
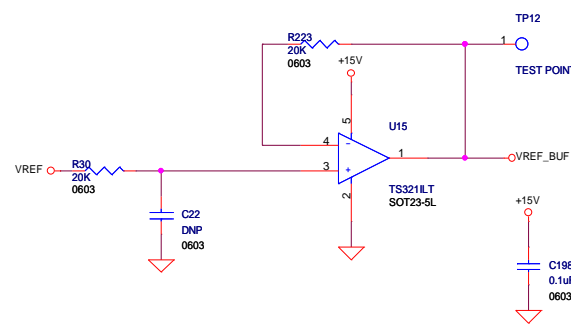
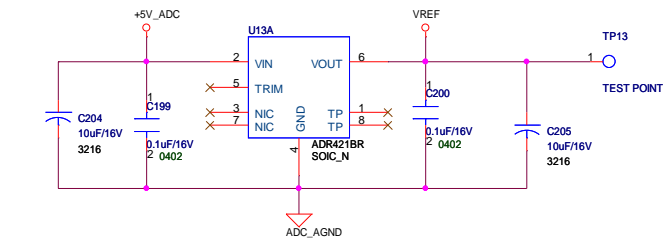
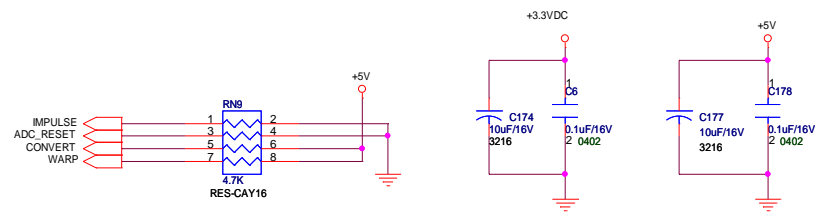
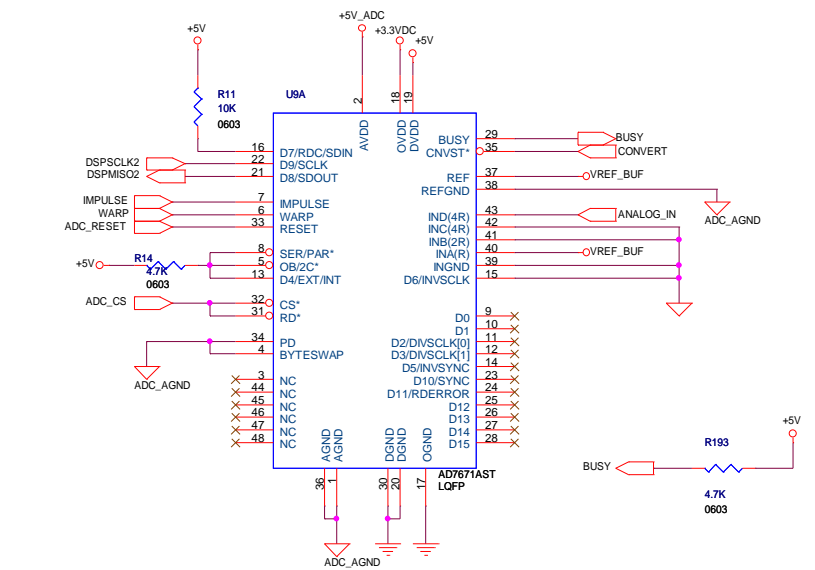
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DWG.No. : 367001010103

DSP CARD SCHEMATICS

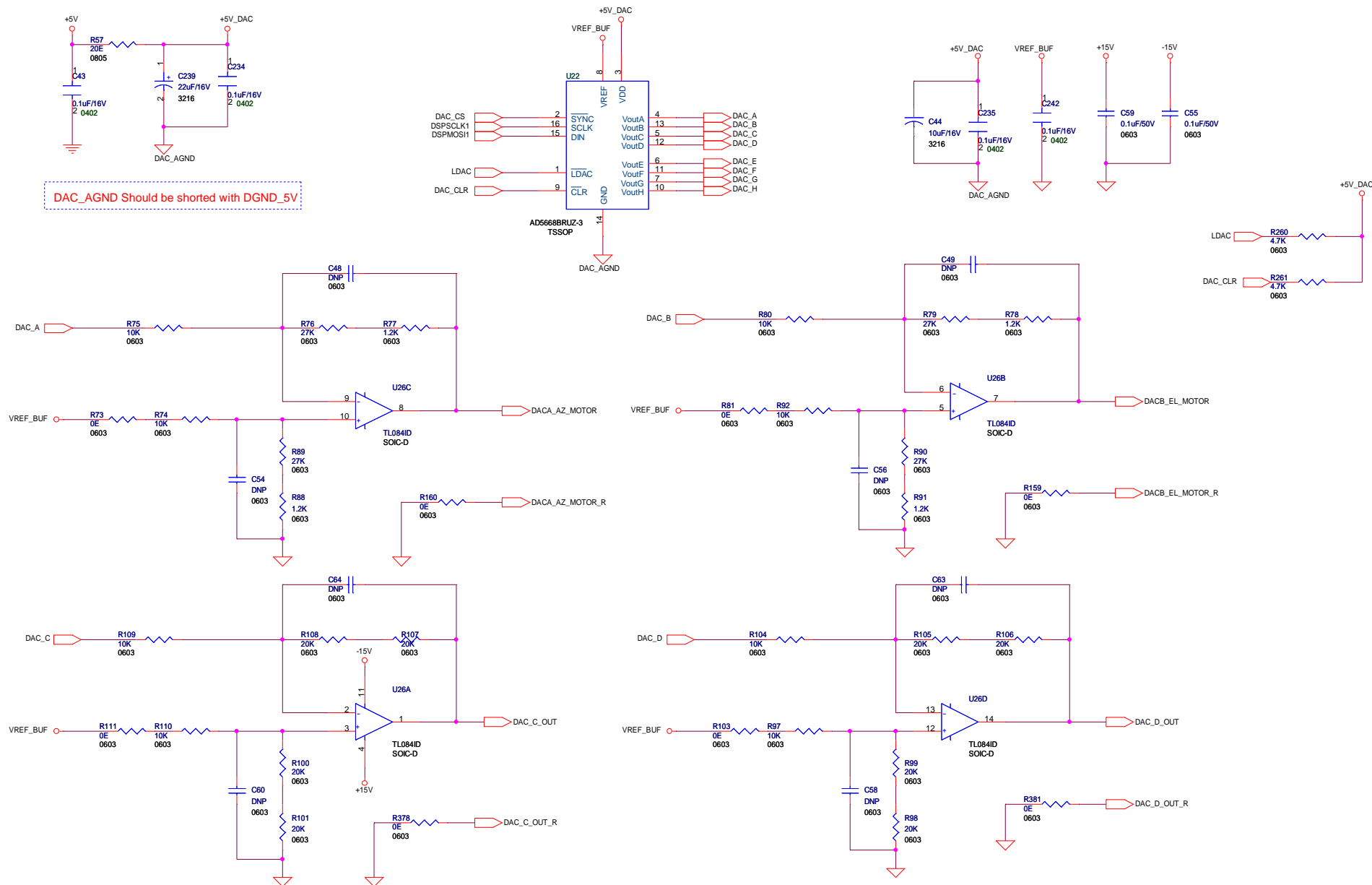
ANALOG INPUTS




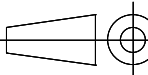


ADC\_AGND Should be shorted with DGND\_5V

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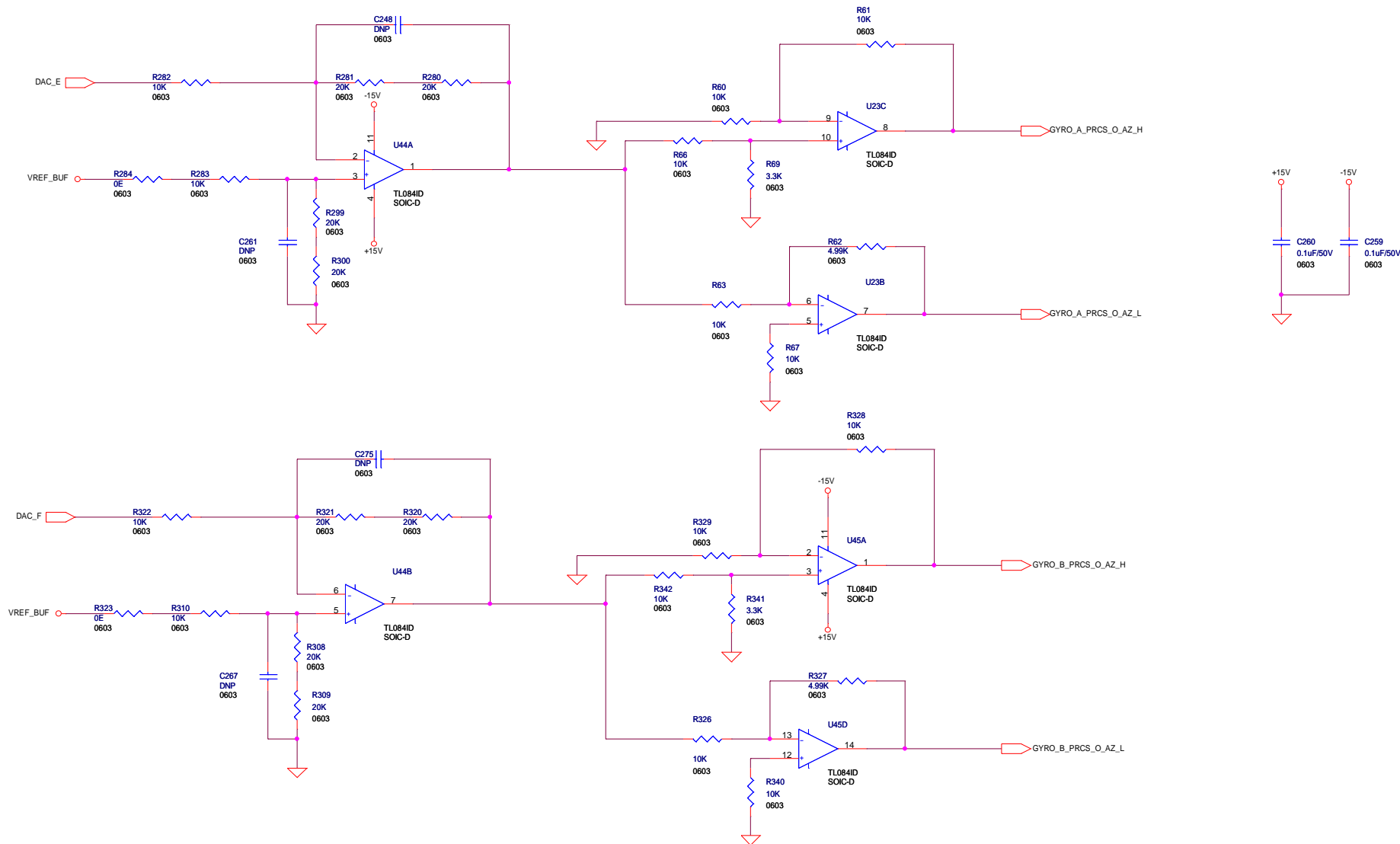
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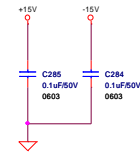
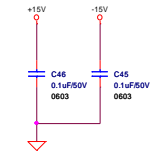
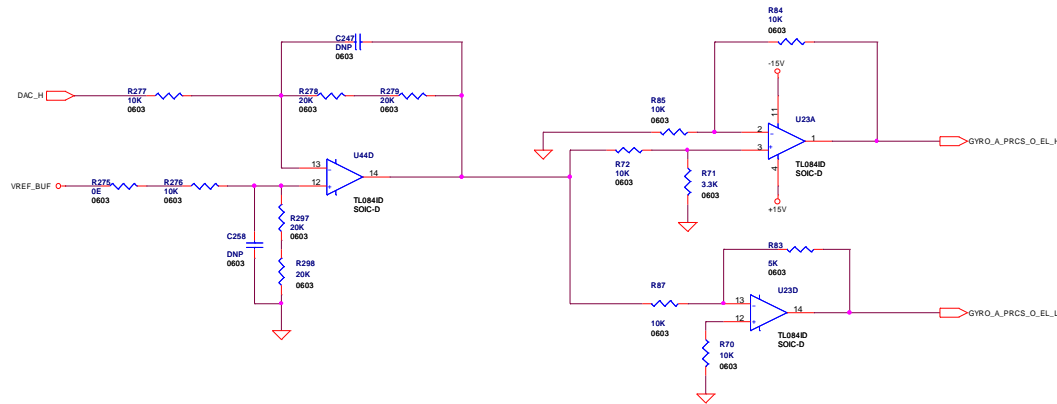
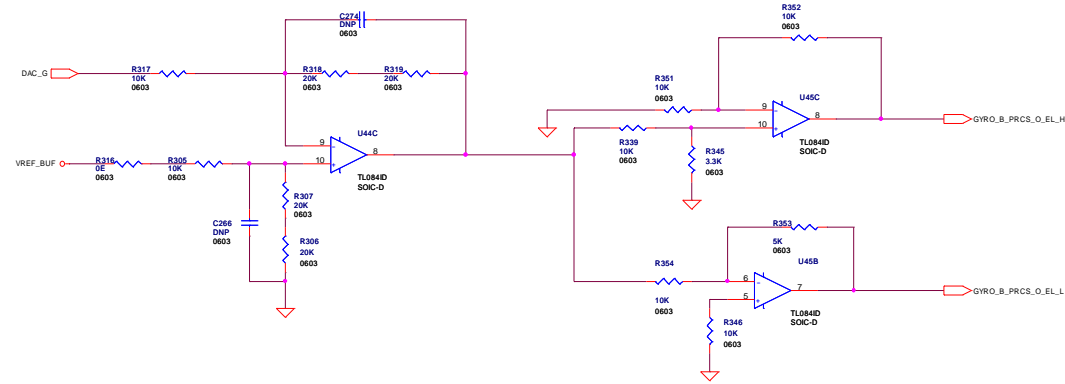
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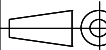
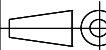
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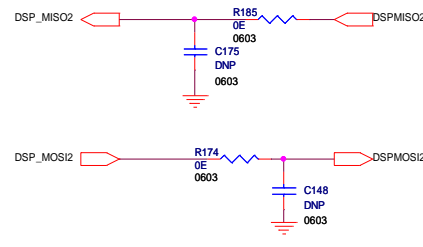
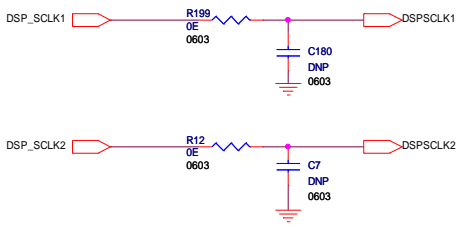
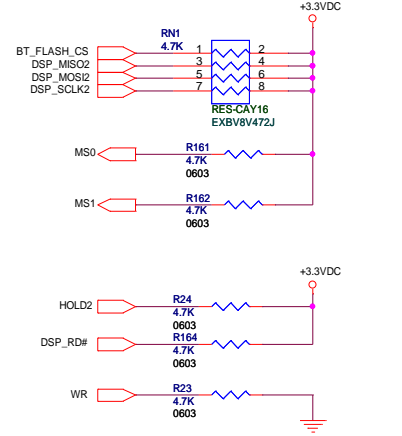
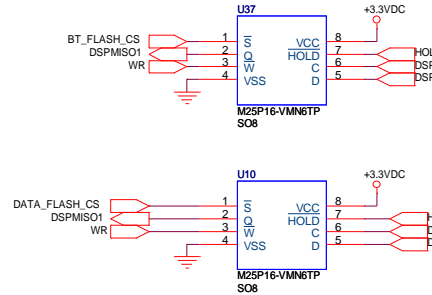
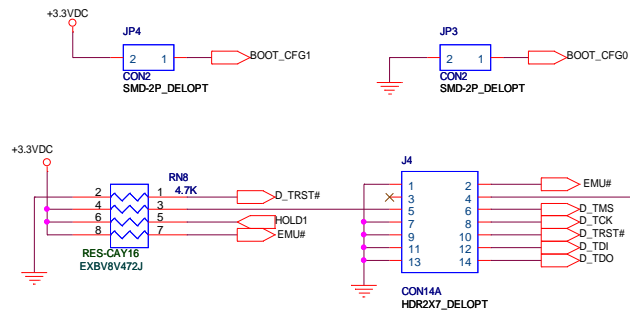
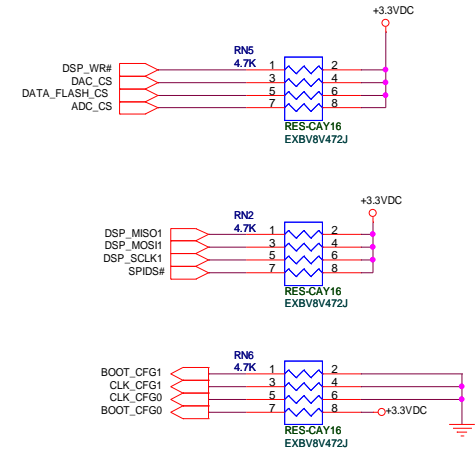
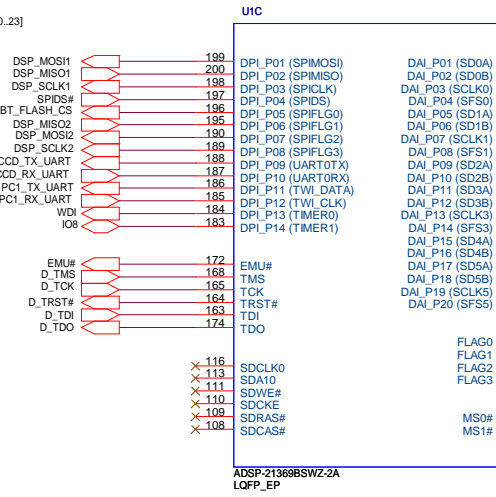
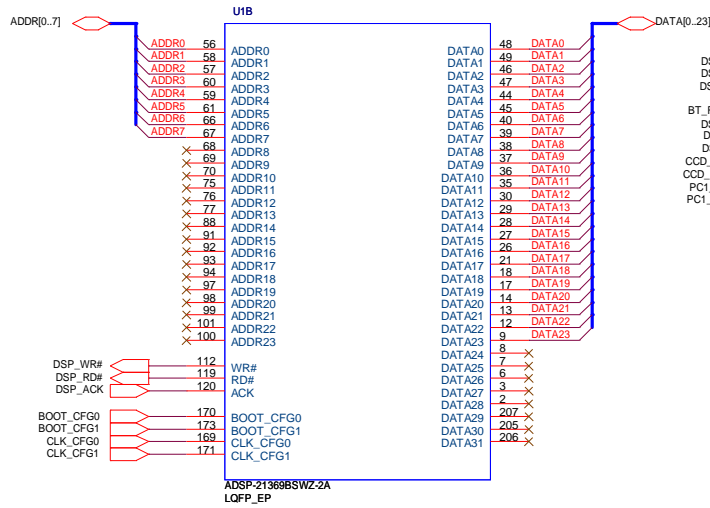




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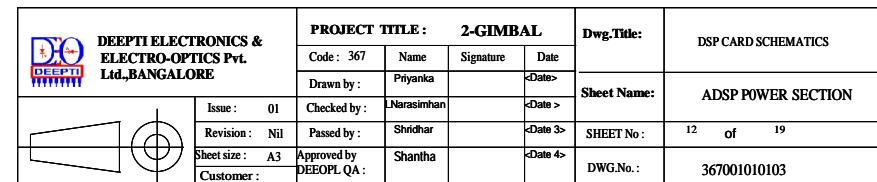
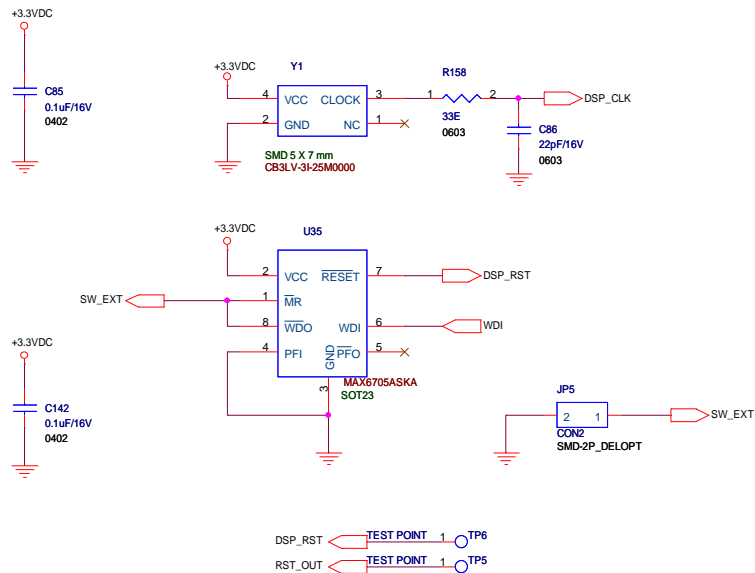


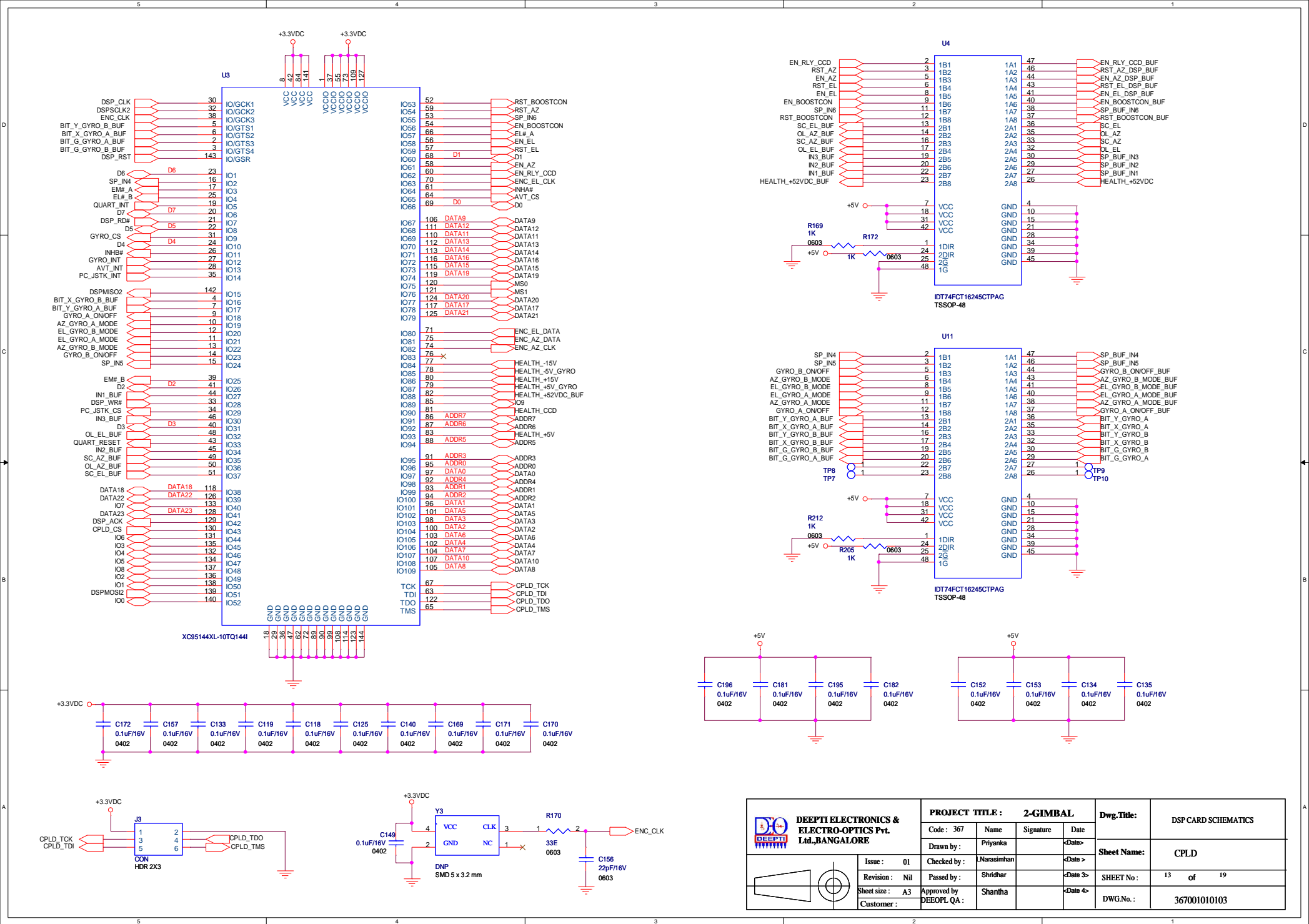
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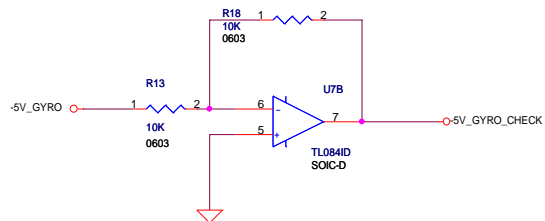
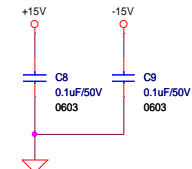
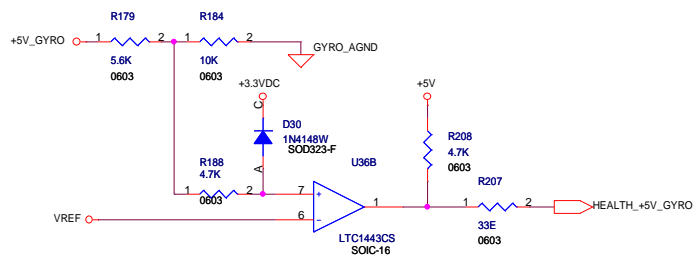
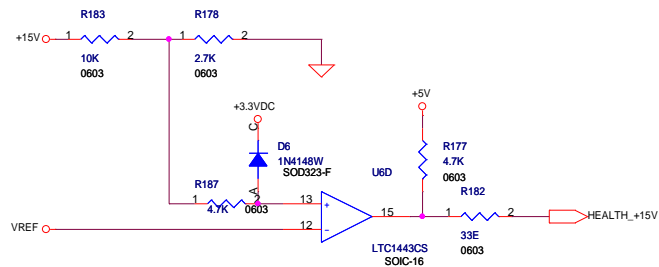
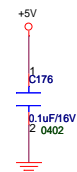




BOOTING MODE SELECTION		
BOOT_CFG1	BOOT_CFG0	BOOTING MODE
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0	1	SPI MASTER BOOT
1	0	EPROM/FLASH BOOT
1	1	RESERVED

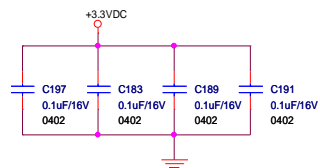
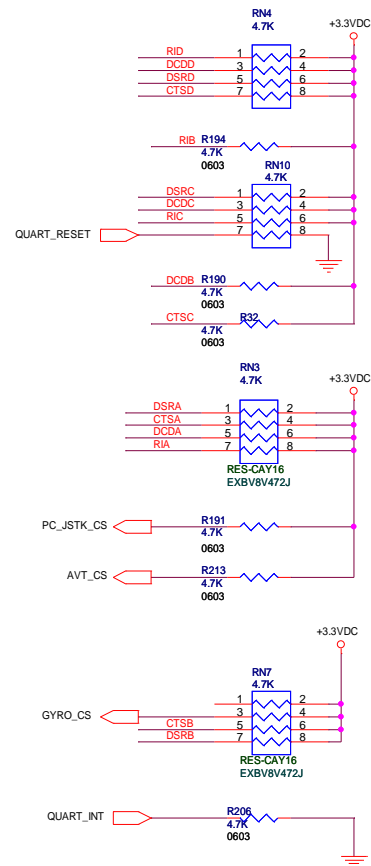
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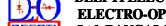


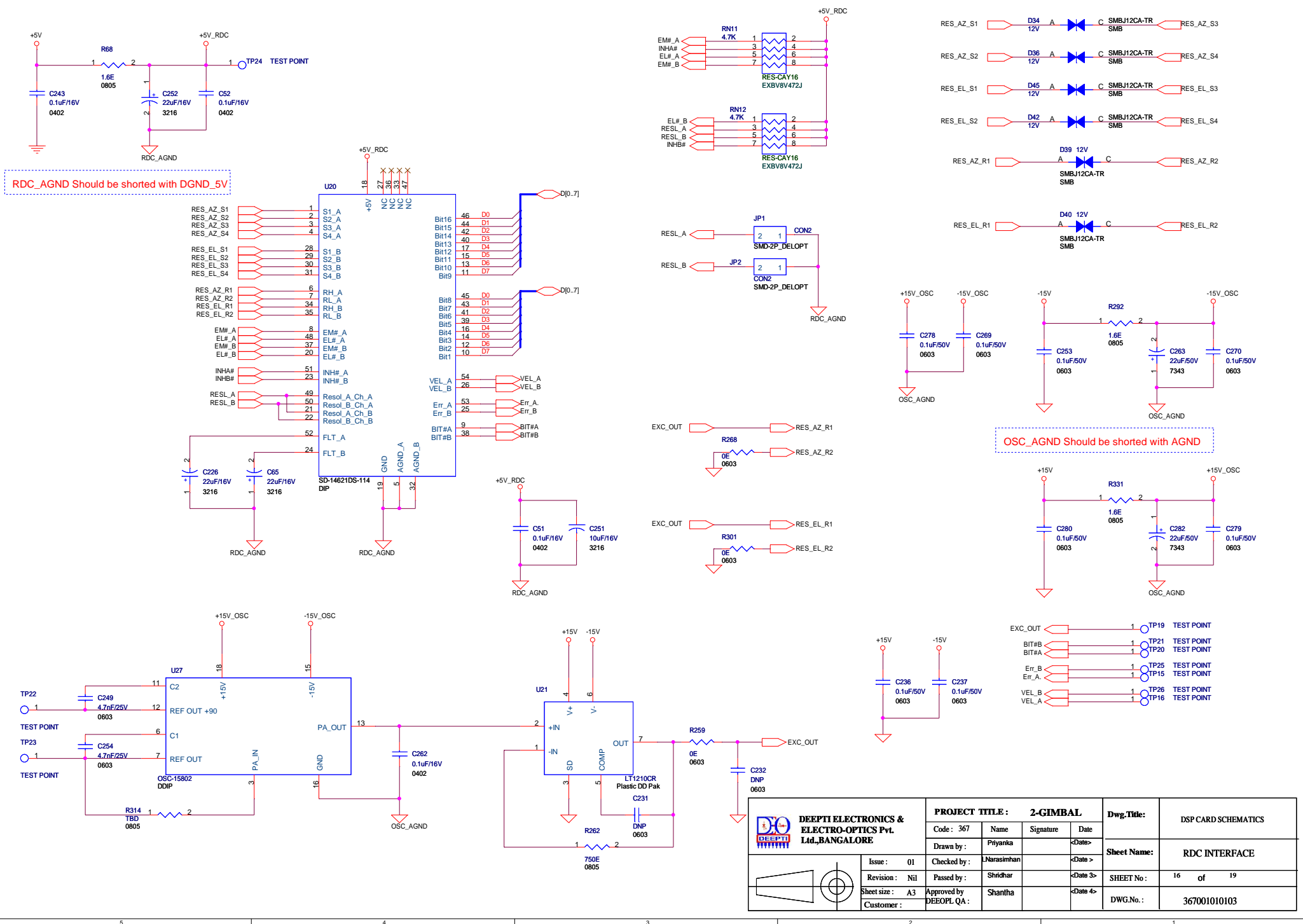






 <b>DEEPTI ELECTRONICS &amp; ELECTRO-OPTICS Pvt. Ltd.,BANGALORE</b>		<b>PROJECT TITLE : 2-GIMBAL</b>				<b>Dwg.Title:</b>	DSP CARD SCHEMATICS	
		Code : 367	Name	Signature	Date			
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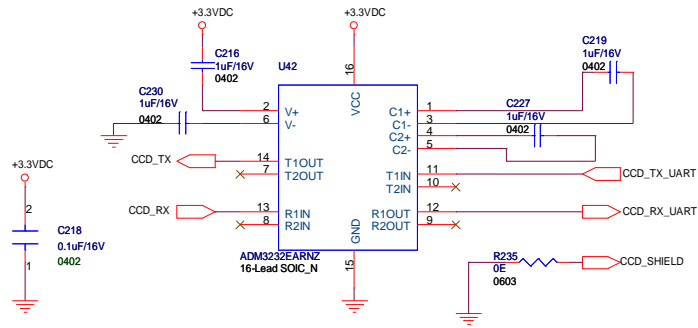
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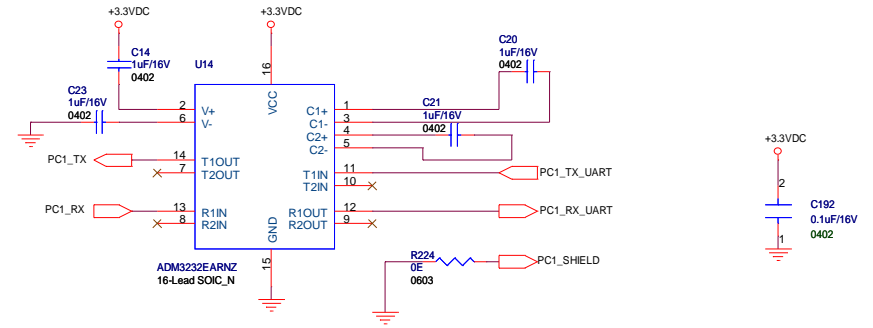
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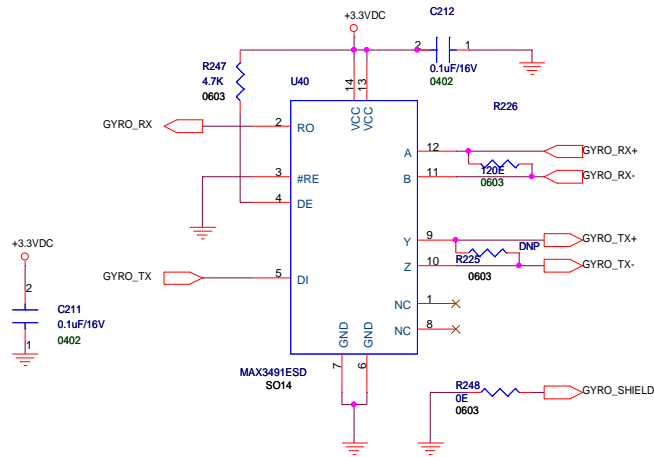
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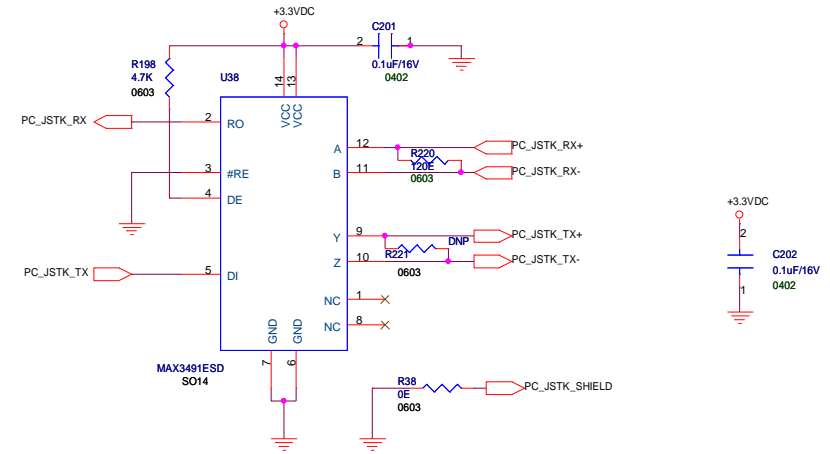
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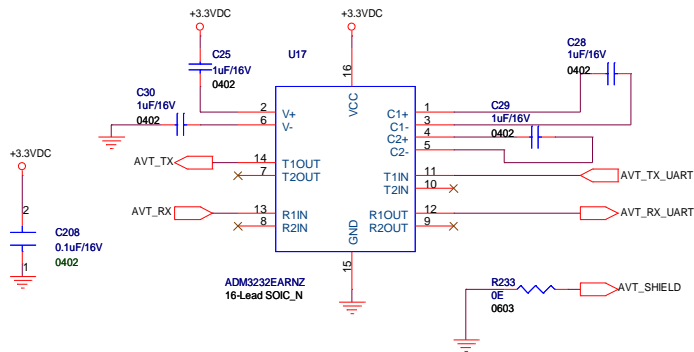
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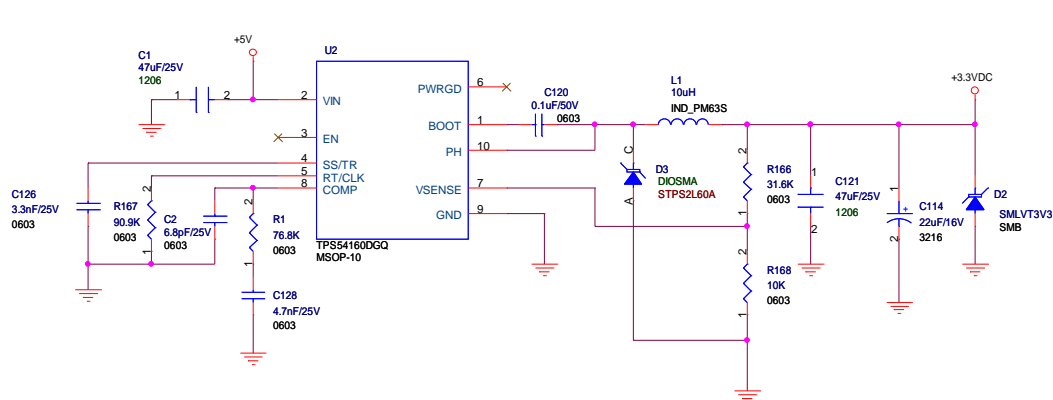
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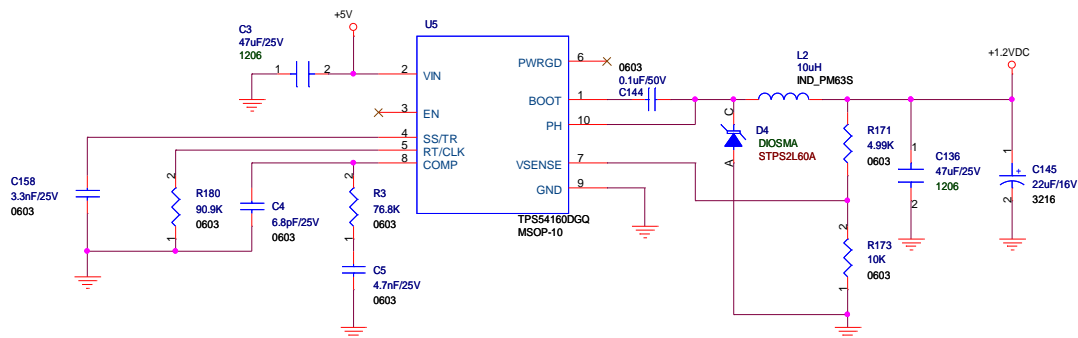
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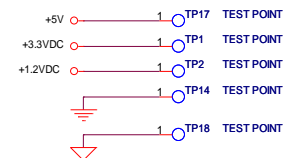
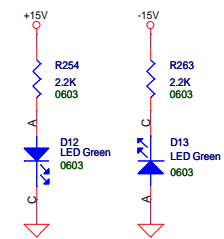
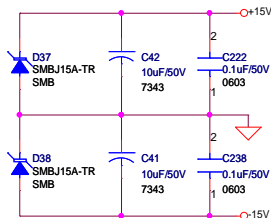
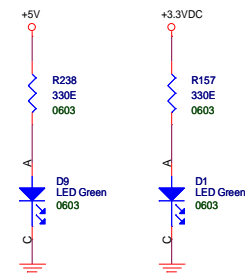
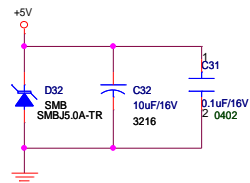
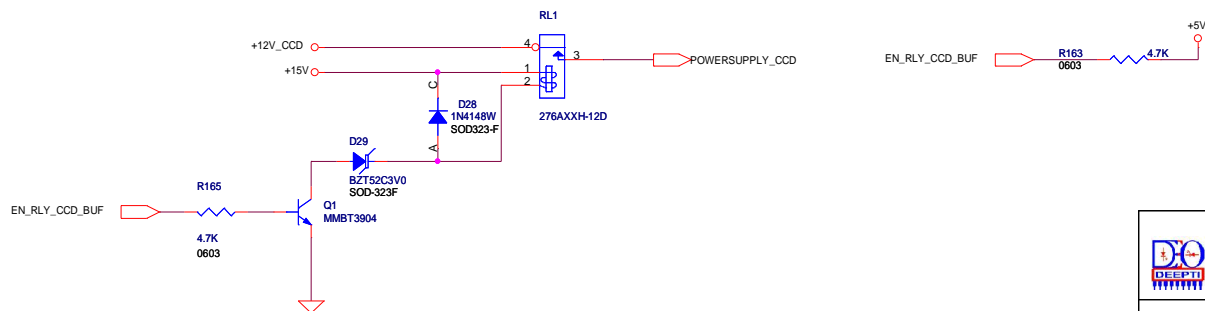
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Customer :	DEEOPL QA :				



DGND Should be shorted with DGND\_5V



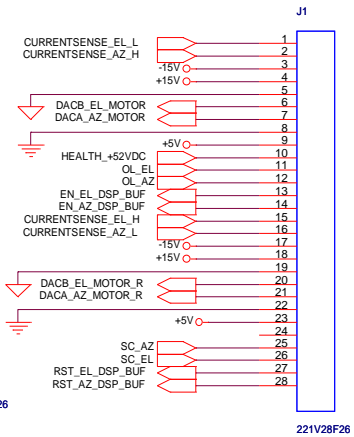
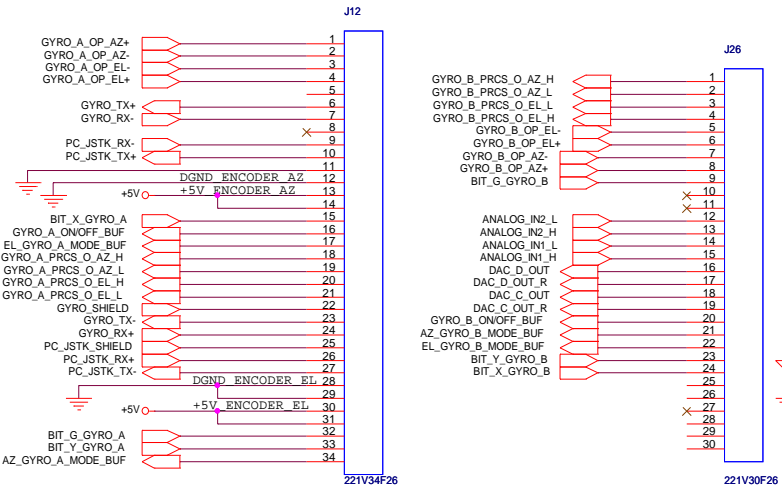
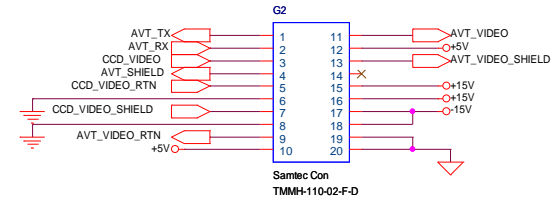
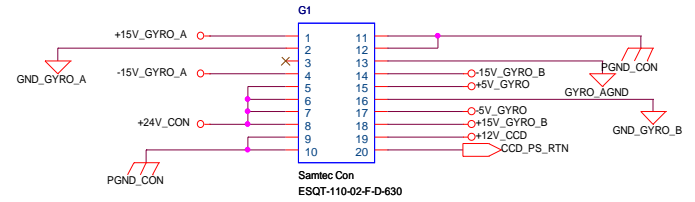
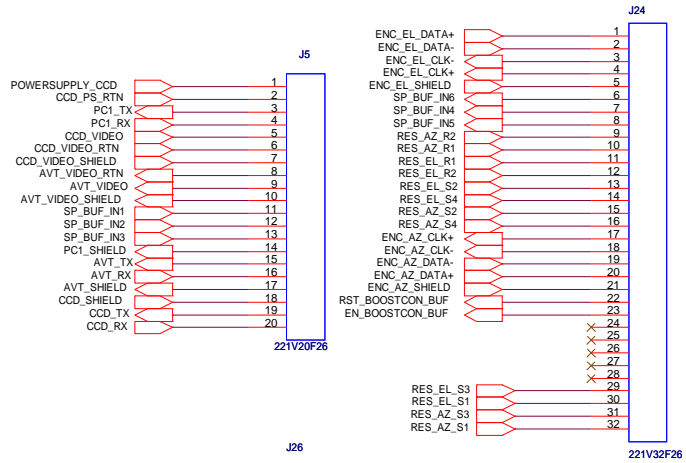
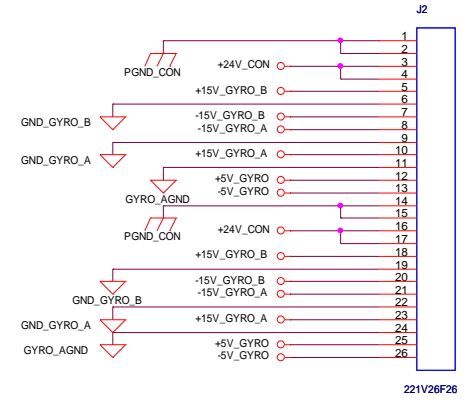
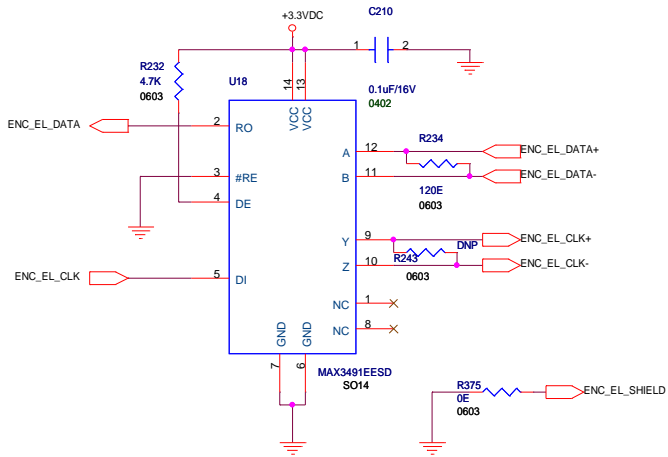
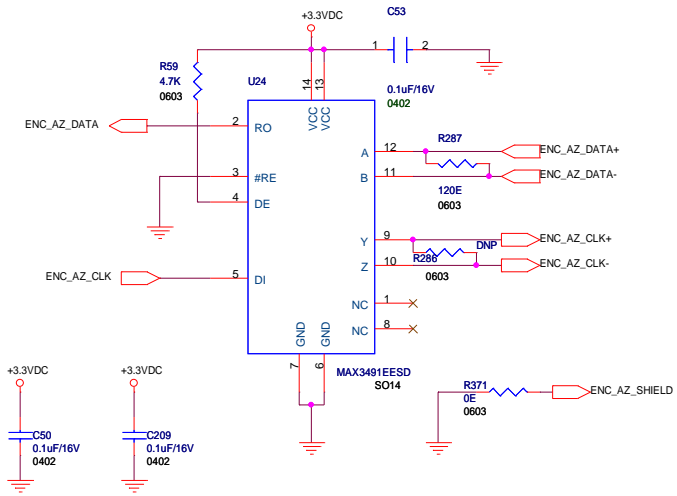
DGND Should be shorted with DGND\_5V





AGND Should be shorted with DGND\_5V

PROJECT TITLE : 2-GIMBAL		Dwg.Title:		DSP CARD SCHEMATICS	
		Code : 367	Name	Signature	Date
Drawn by : Priyanka		Checked by : Narasimhan	Passed by : Shridhar	Approved by : Shanitha	Customer : DEEOPL QA :
Revision : Nil		Issue : 01	Sheet size : A3	SHEET No : 18 of 19	DWG.No. : 367001010103

## ENCODER INTERFACE WITH RS422



<div></div> <div>DDEEPTI ELECTRONICS &amp; ELECTRO-OPTICS Pvt. Ltd.,BANGALORE</div>		PROJECT TITLE : 2-GIMBAL				Dwg.Title:	DSP CARD SCHEMATICS			
		Code : 367	Name	Signature	Date					
<div></div>		Drawn by :	Priyanka		<Date>	Sheet Name:	CONNECTORS			
		Checked by :	Narasimhan		<Date >					
		Revision : Nil	Passed by :	Shridhar		<Date 3>	SHEET No :	19	of	19
		Sheet size : A3 Customer :	Approved by : DEEPLI QA :	Shantha		<Date 4>	DWG.No.:	367001010103		