

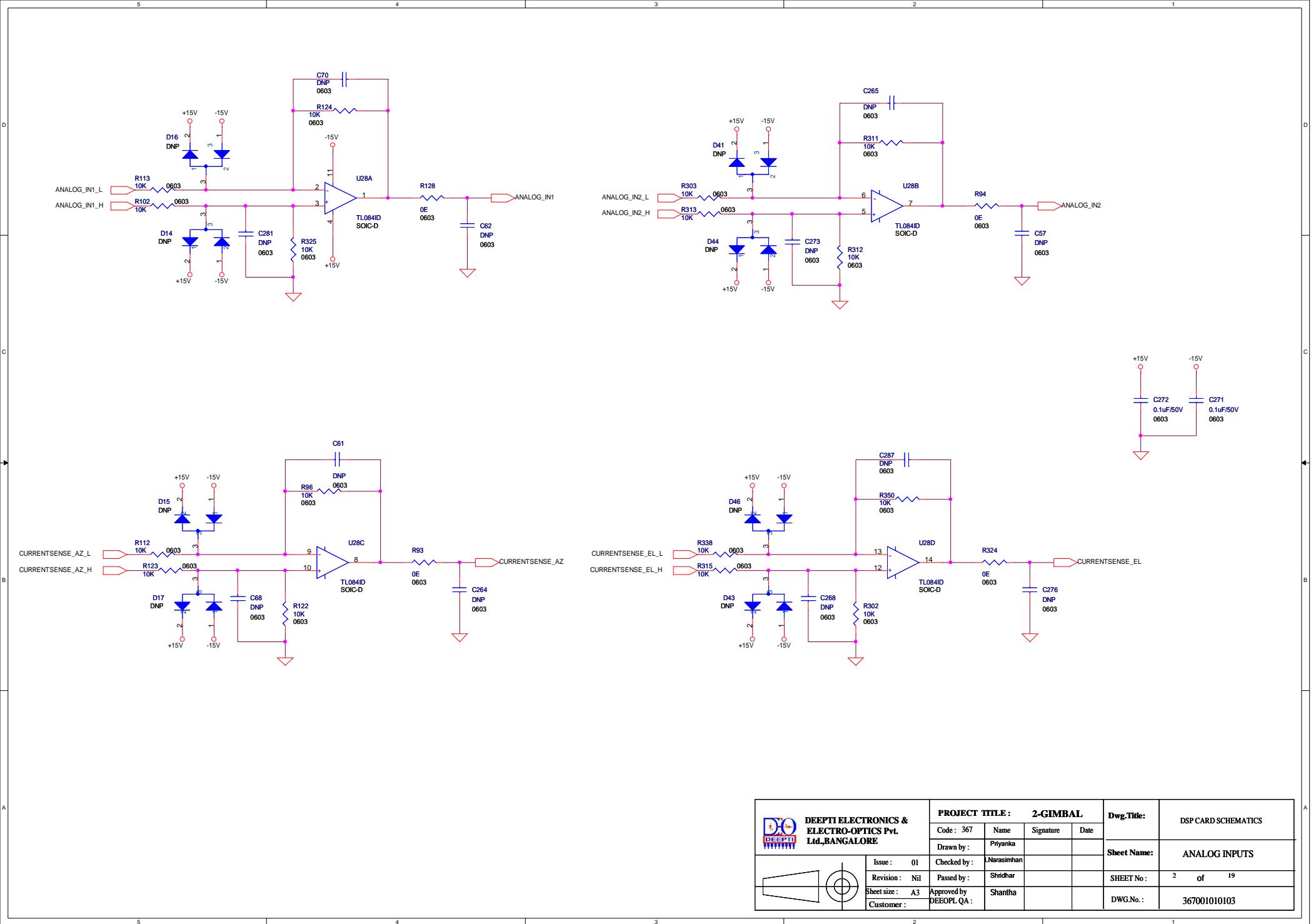
## DSP CARD SCHEMATIC - 2 GIMBAL

### Pages: Functional Description

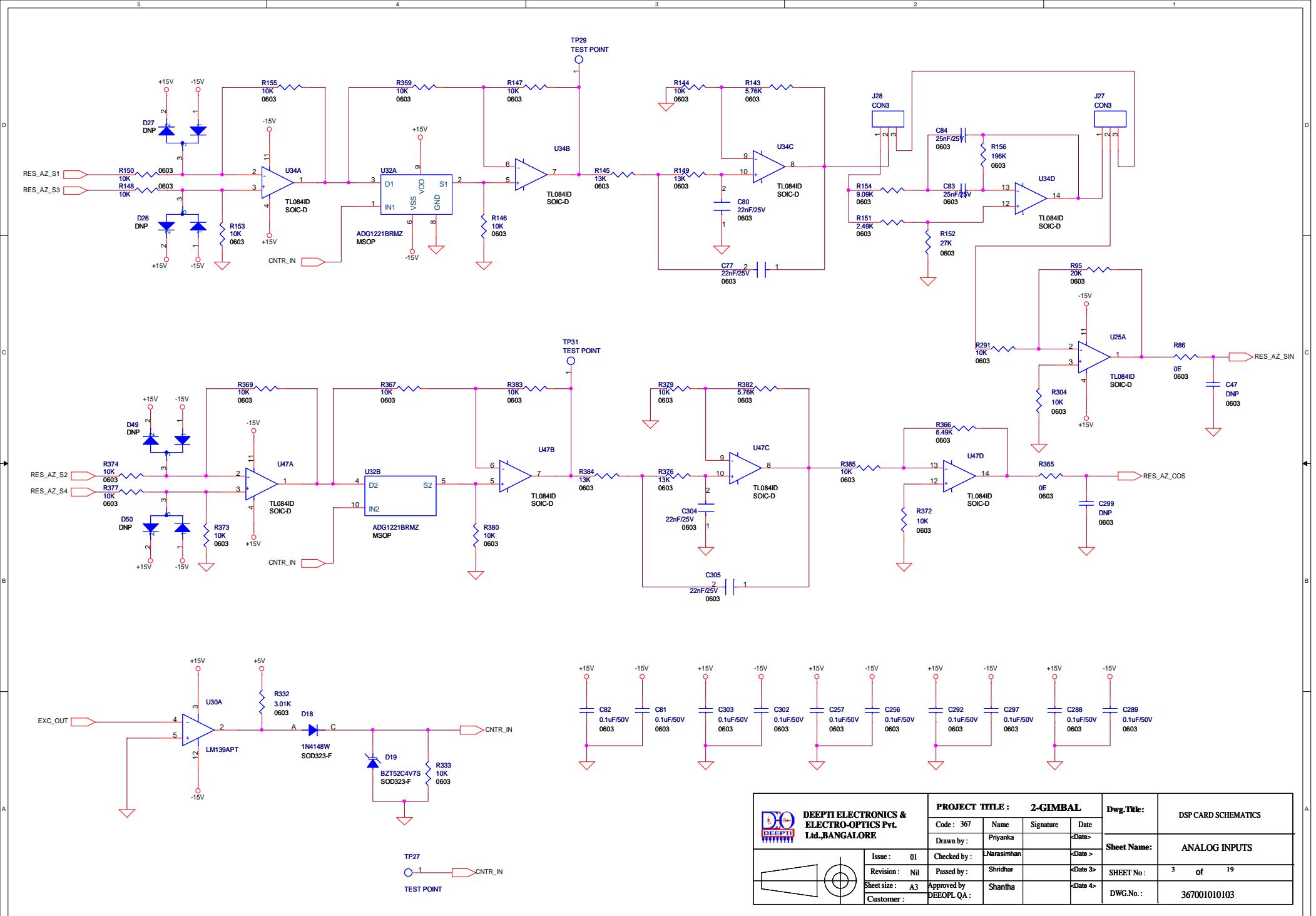
PAGE02: ANALOG INPUTS  
 PAGE03: ANALOG INPUTS  
 PAGE04: ANALOG INPUTS  
 PAGE05: ANALOG INPUTS  
 PAGE06: ANALOG INPUTS  
 PAGE07: ADC & MUX INTERFACE  
 PAGE08: DAC INTERFACE  
 PAGE09: GYRO A\_PRCS  
 PAGE10: GYRO B\_PRCS  
 PAGE11: ADSP PERIPHERAL  
 PAGE12: ADSP POWER SECTION  
 PAGE13: CPLD  
 PAGE14: HEALTH STATUS  
 PAGE15: QUAD UART INTERFACE  
 PAGE16: RDC INTERFACE  
 PAGE17: LEVEL TRANSCEIVERS  
 PAGE18: POWER SUPPLY CIRCUIT  
 PAGE19: CONNECTOR

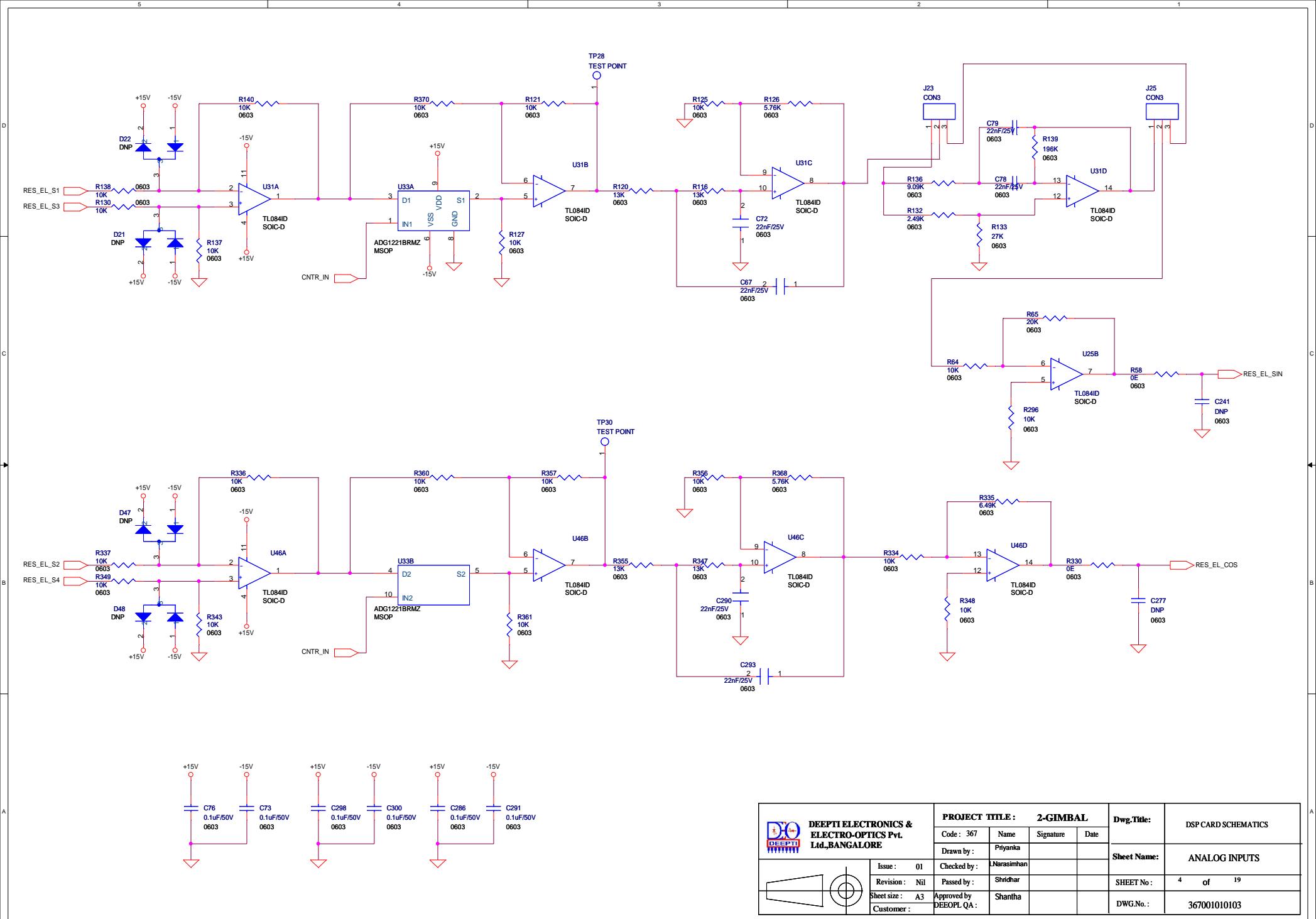


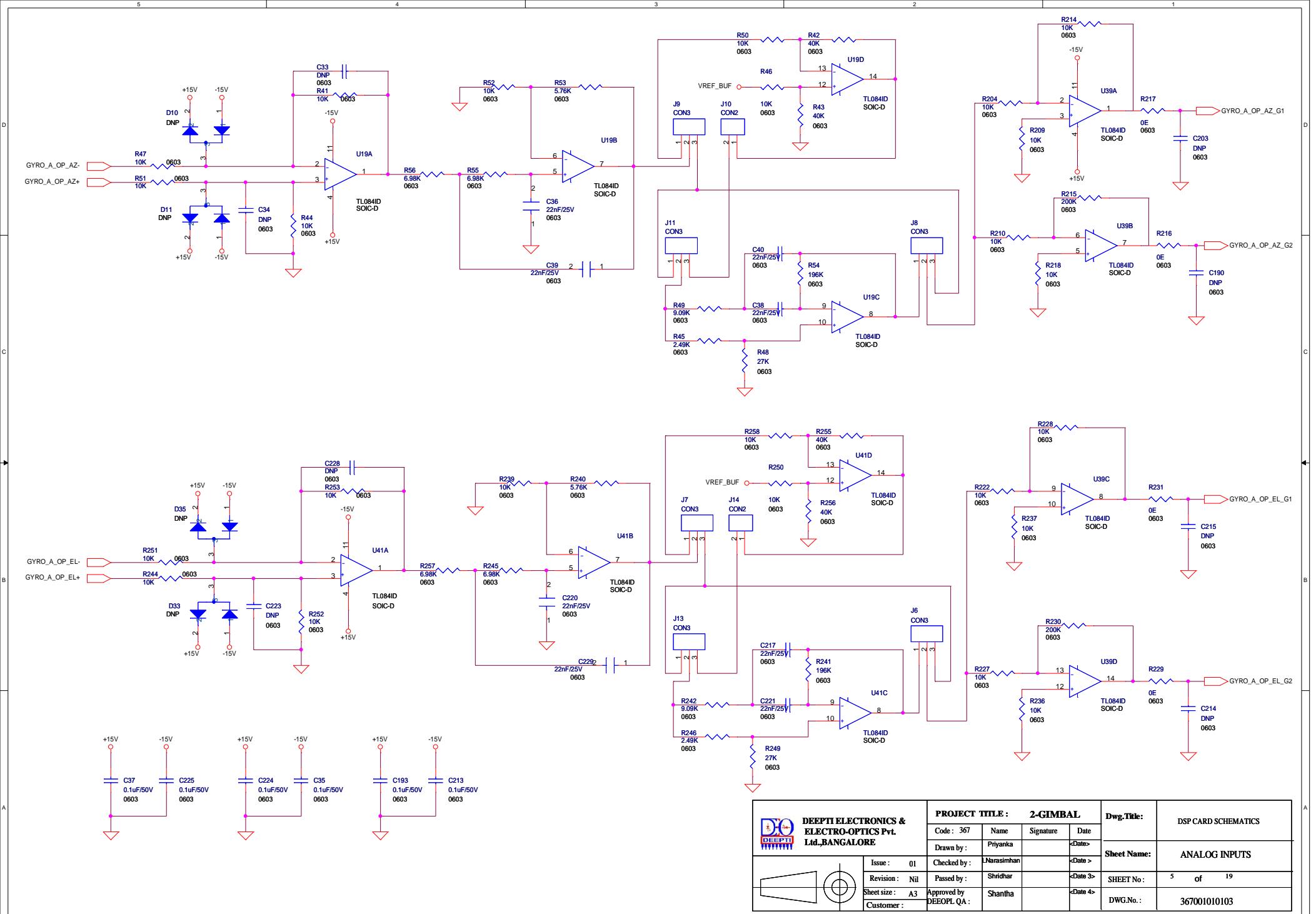
PROJECT TITLE : 2-GIMBAL				Dwg.Title:	DSP CARD SCHEMATICS
Code :	367	Name	Signature	Date	
Drawn by :	Priyanka				Sheet Name:
Issue :	01	Checked by :	Narasimhan		ANALOG INPUTS
Revision :	Nil	Passed by :	Shridhar		SHEET No.: 1 of 19
Sheet size :	A3	Approved by :	Shantha		DWG.No.: 367001010103
Customer :		DEEOPL QA:			

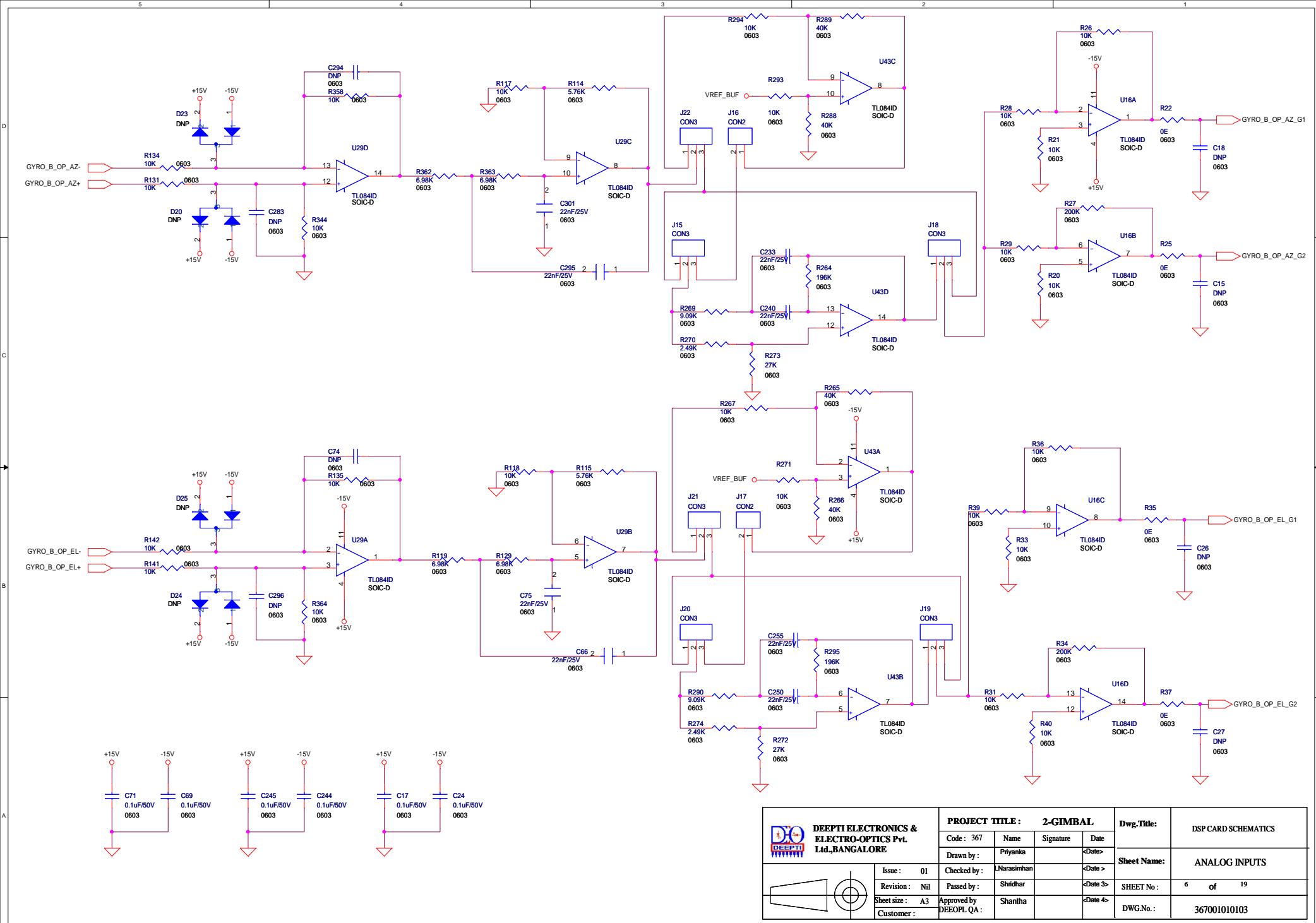


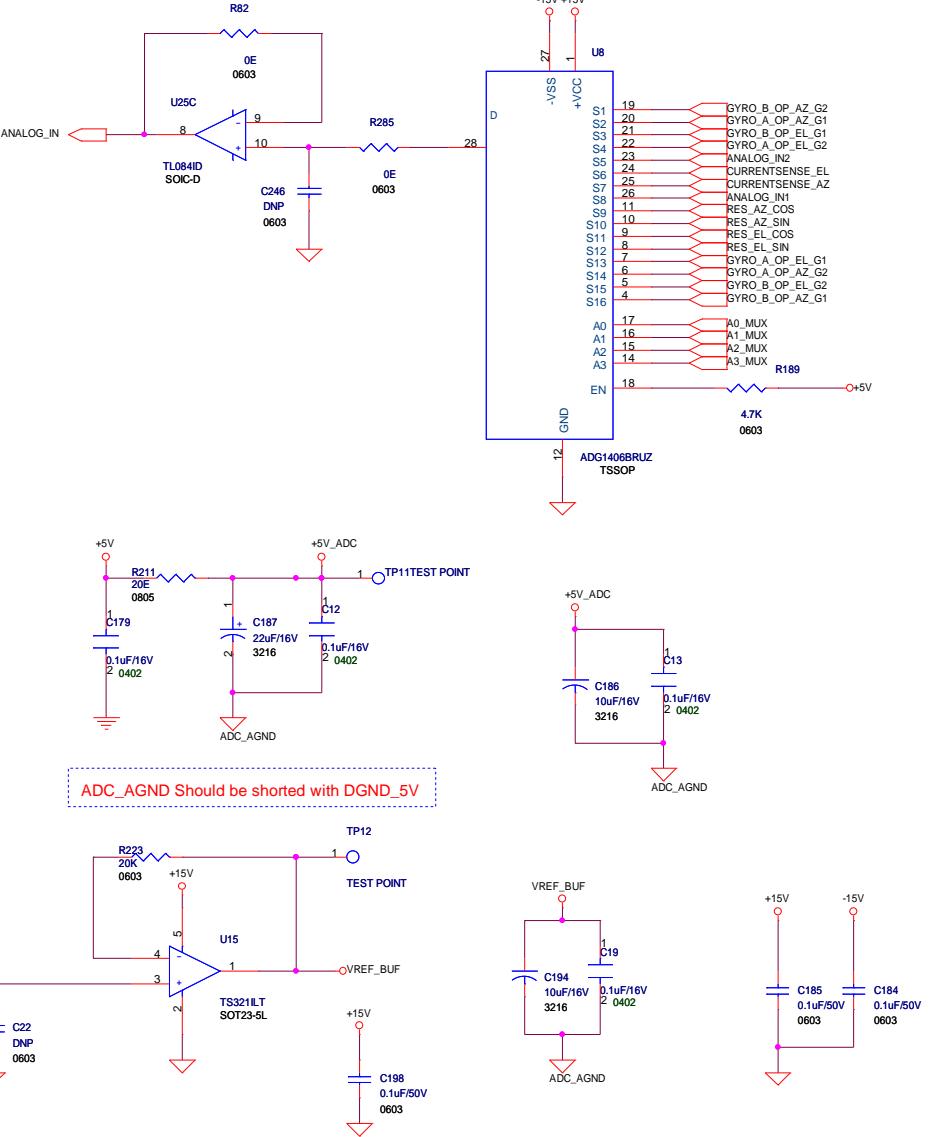
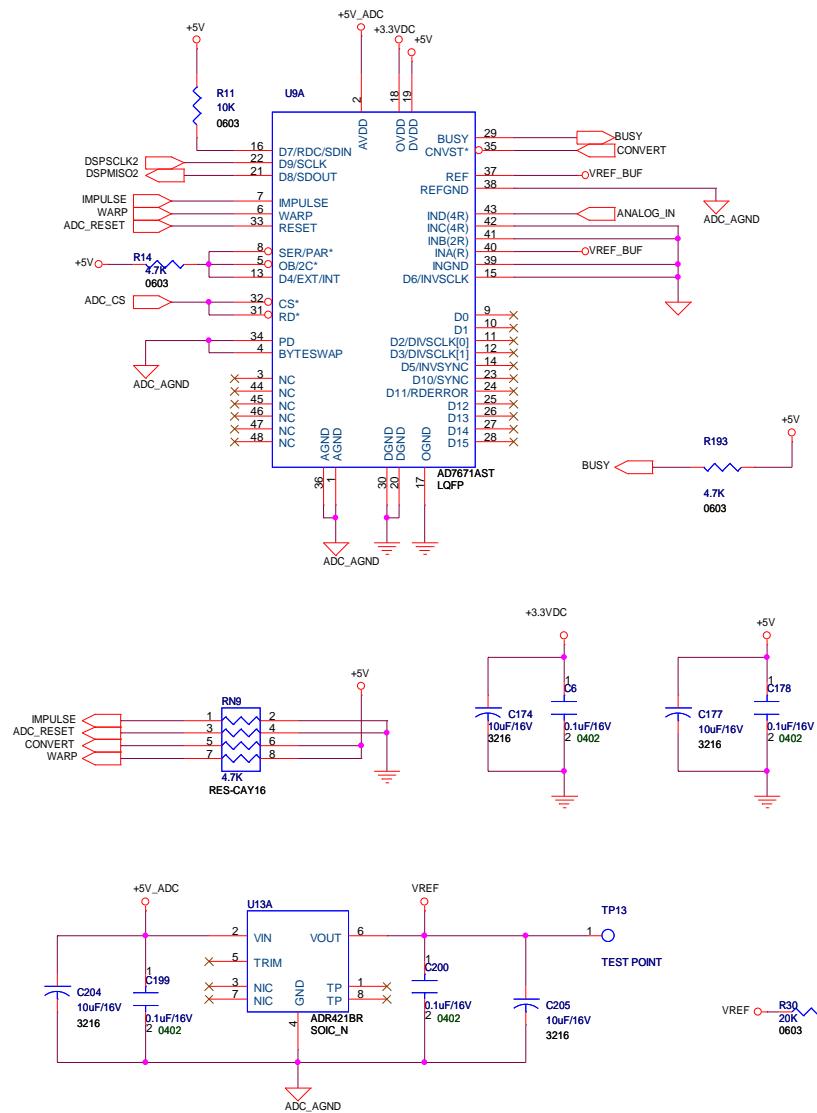
PROJECT TITLE : 2-GIMBAL				Dwg.Title:	DSP CARD SCHEMATICS
Code :	367	Name		Signature	Date
Drawn by :	Priyanka				
Issue :	01	Checked by :	Narasimhan		
Revision :	Nil	Passed by :	Shridhar		
Sheet size :	A3	Approved by :	Shantha		SHEET No : 2 of 19
Customer :		DEEOPL QA :		DWG.No.:	367001010103



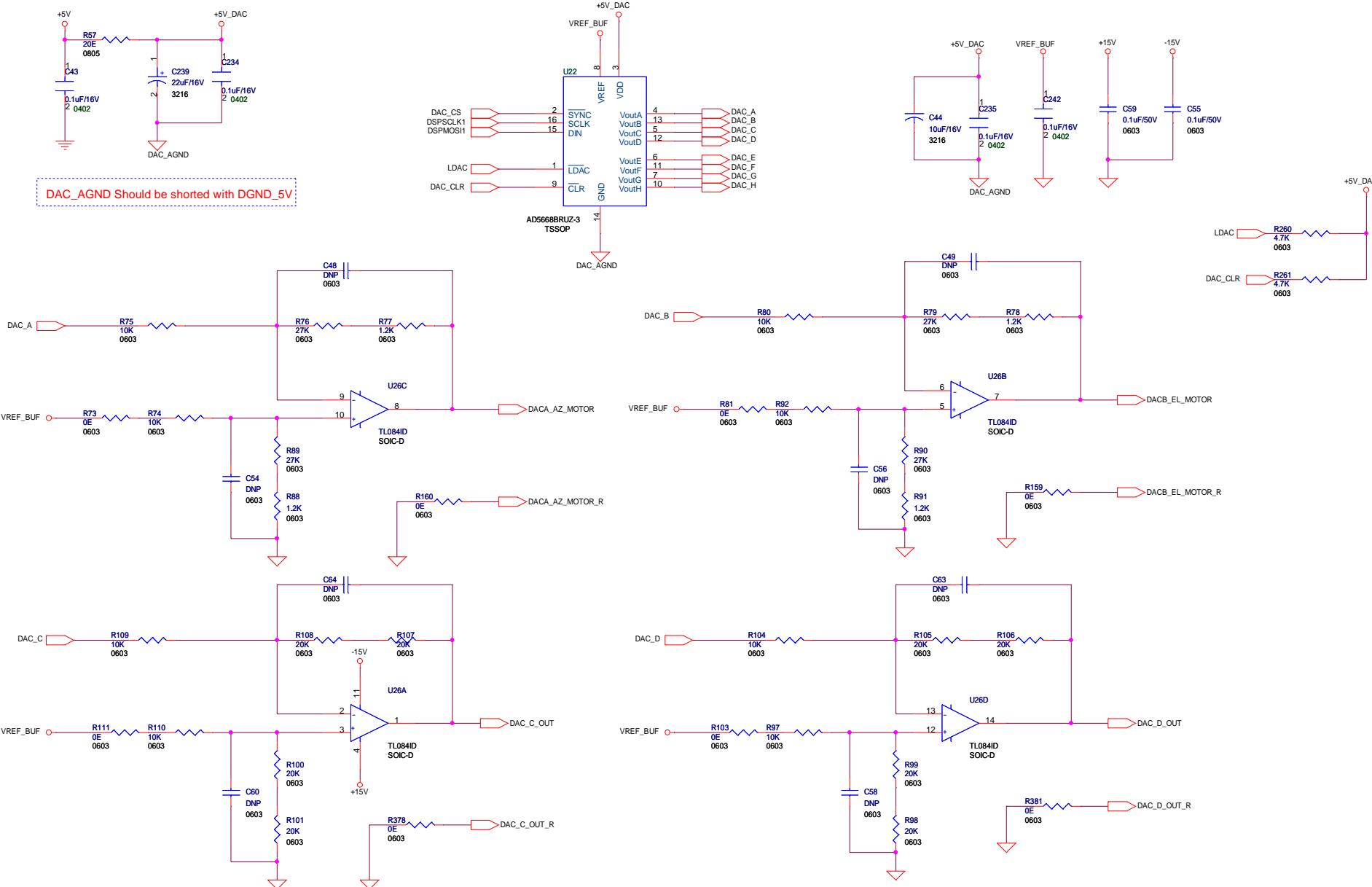




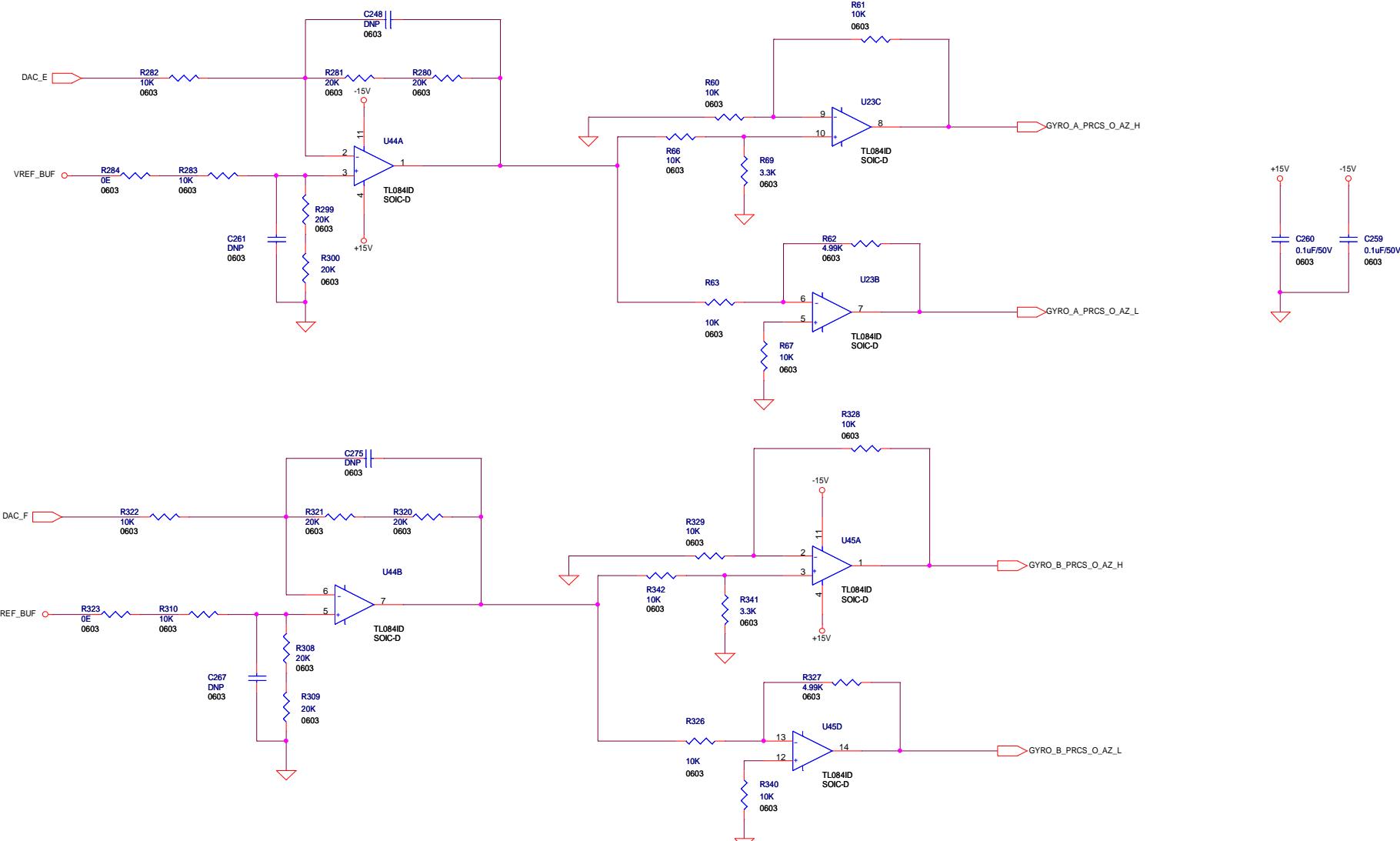




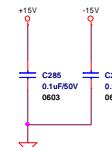
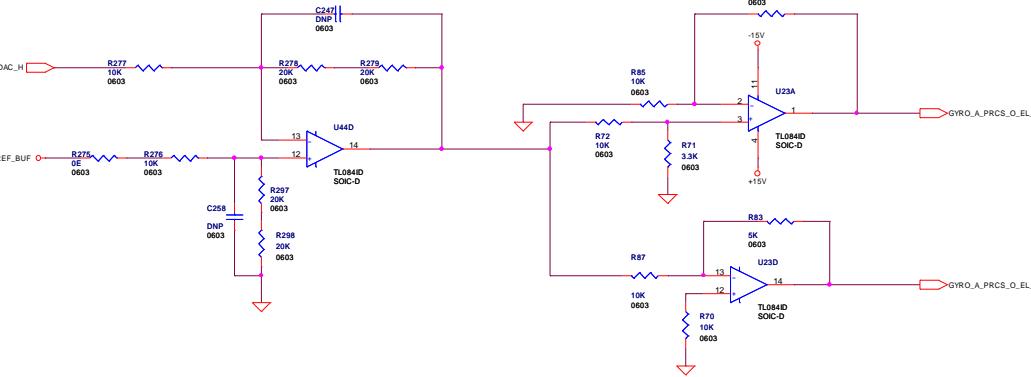
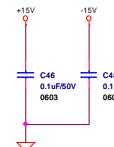
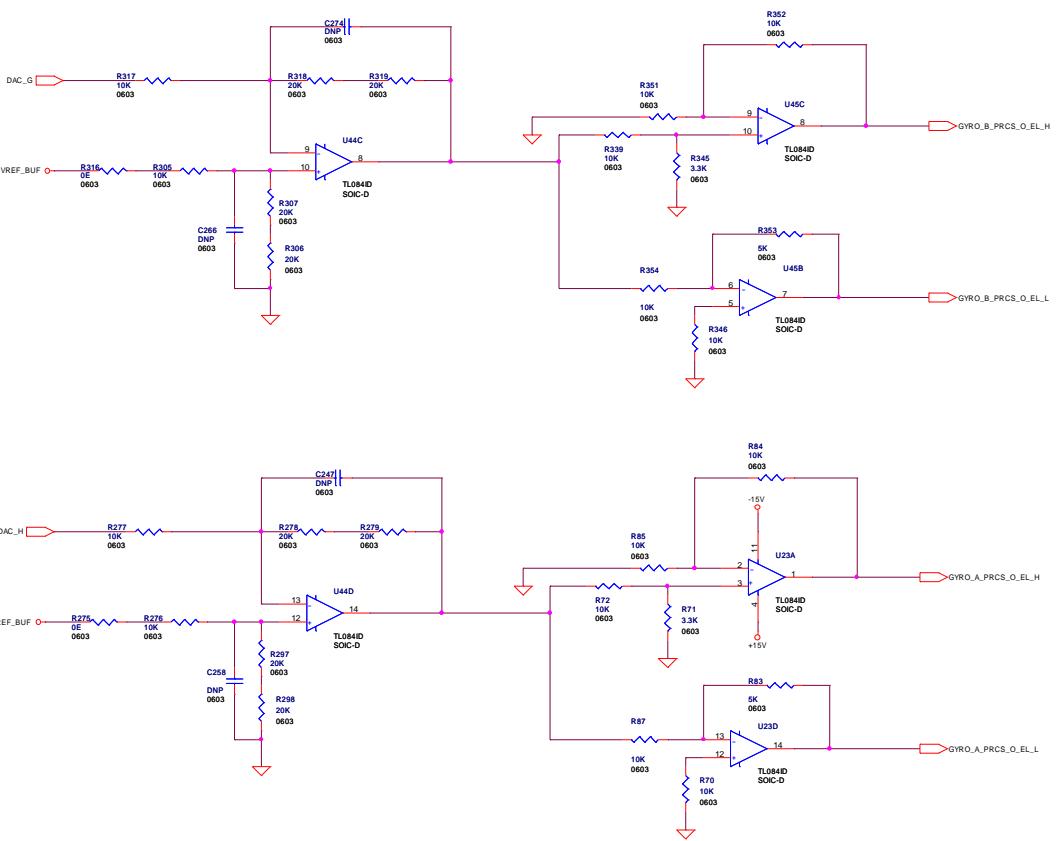
	DEEPTI ELECTRONICS & ELECTRO-OPTICS Pvt. Ltd.,BANGALORE	PROJECT TITLE : 2-GIMBAL				Dwg.Title:	DSP CARD SCHEMATICS
		Code: 367	Name	Signature	Date		
		Drawn by :	Priyanka	<Date>		Sheet Name:	ADC & MUX
	Issue :	01	Checked by :	LNarasimhan	<Date >	SHEET No.:	7 of 19
	Revision :	Nil	Passed by :	Shridhar	<Date 3>		
	Sheet size :	A3	Approved by :	Shantha	<Date 4>		
Customer :		DEEPOPL QA				DWG.No.:	367001010103



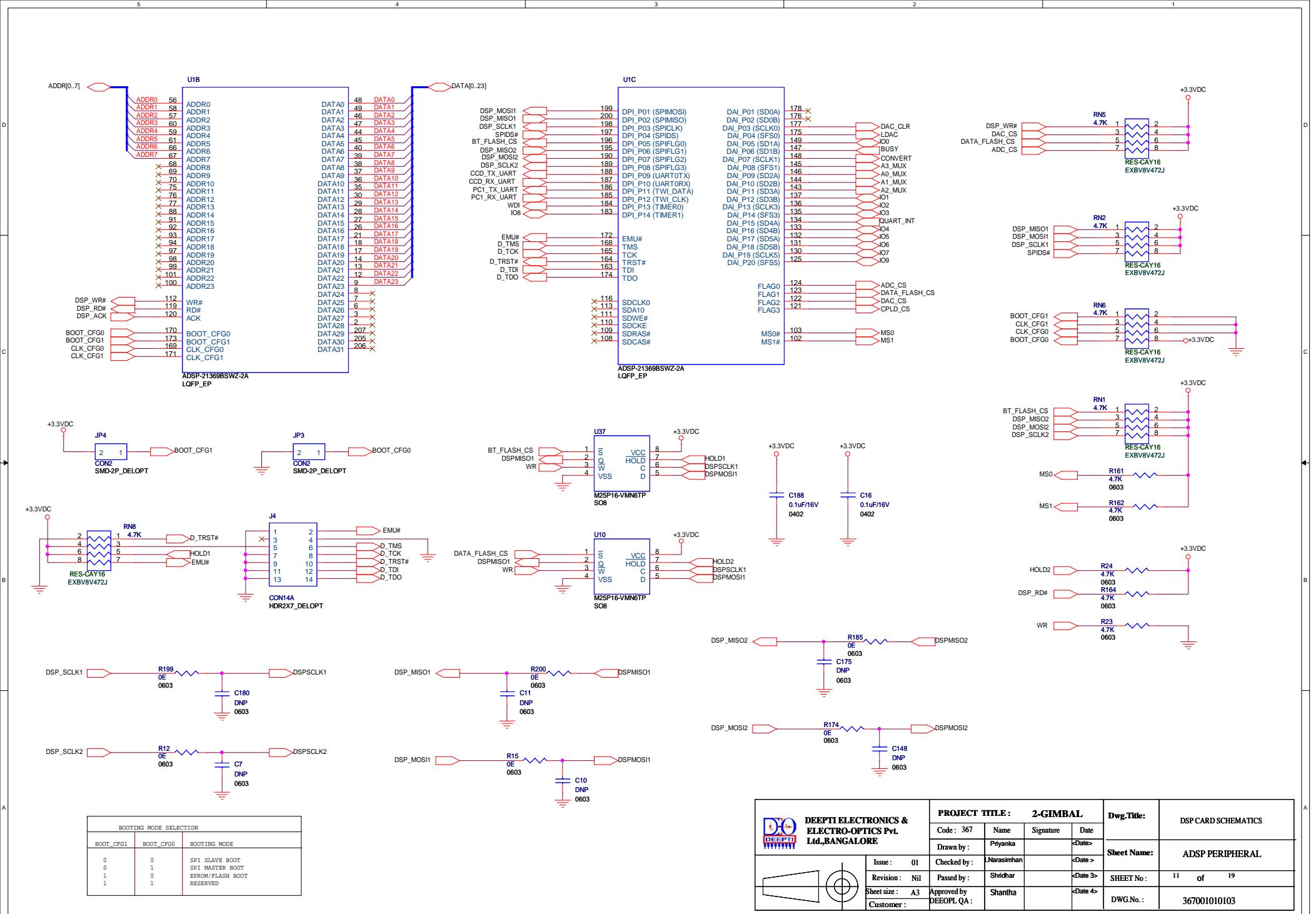
PROJECT TITLE : 2-GIMBAL				Dwg.Title:	DSP CARD SCHEMATICS
Code : 367	Name	Signature	Date		
Drawn by :	Priyanka		<Date>		
Issue :	01	Checked by :	Narasimhan		
Revision :	Nil	Passed by :	Shridhar	<Date>	SHEET No : 8 of 19
Sheet size :	A3	Approved by :	Shantha	<Date>	DWG.No.: 367001010103
Customer :		DEEPLP QA :			

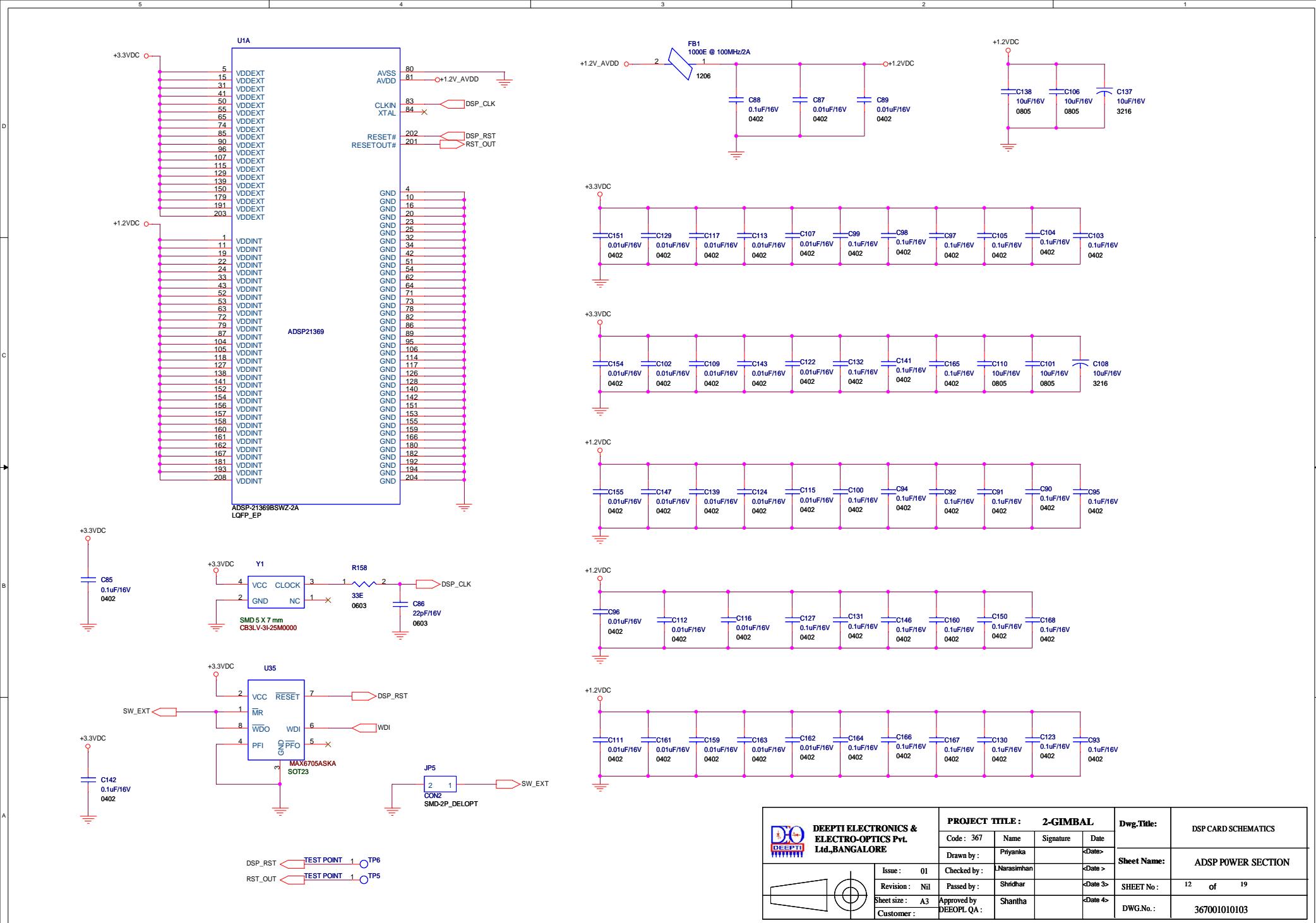


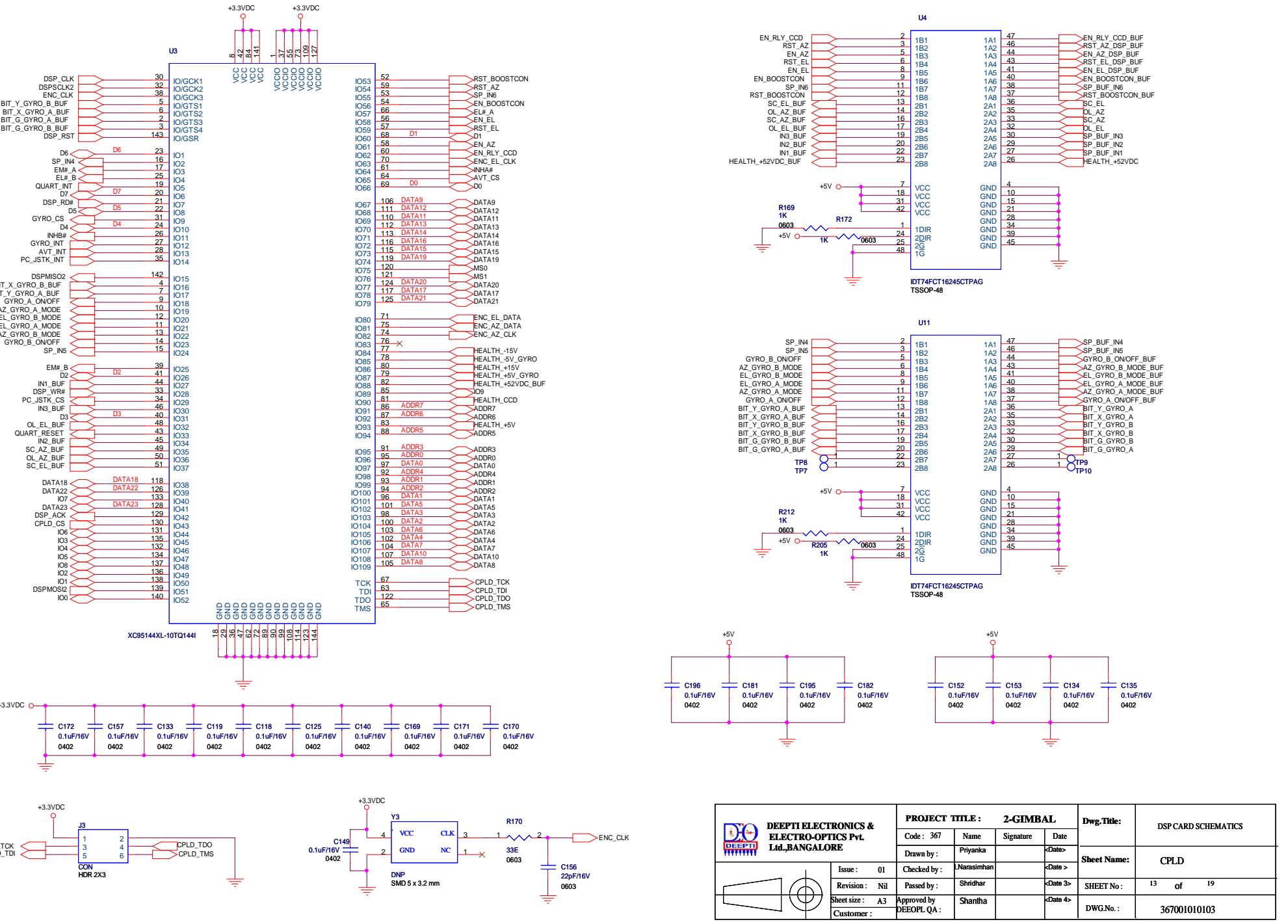
PROJECT TITLE : 2-GIMBAL				Dwg.Title:	DSP CARD SCHEMATICS
Code :	367	Name	Signature	Date	
Drawn by :	Priyanka			<Date>	Sheet Name:
Issue :	01	Checked by :	Narasimhan	<Date>	GYRO A_PRCS
Revision :	Nil	Passed by :	Shridhar	<Date>	SHEET No.:
Sheet size :	A3	Approved by :	Shantha	<Date>	9 of 19
Customer :		DEEPL QA:		DWG.No.:	367001010103

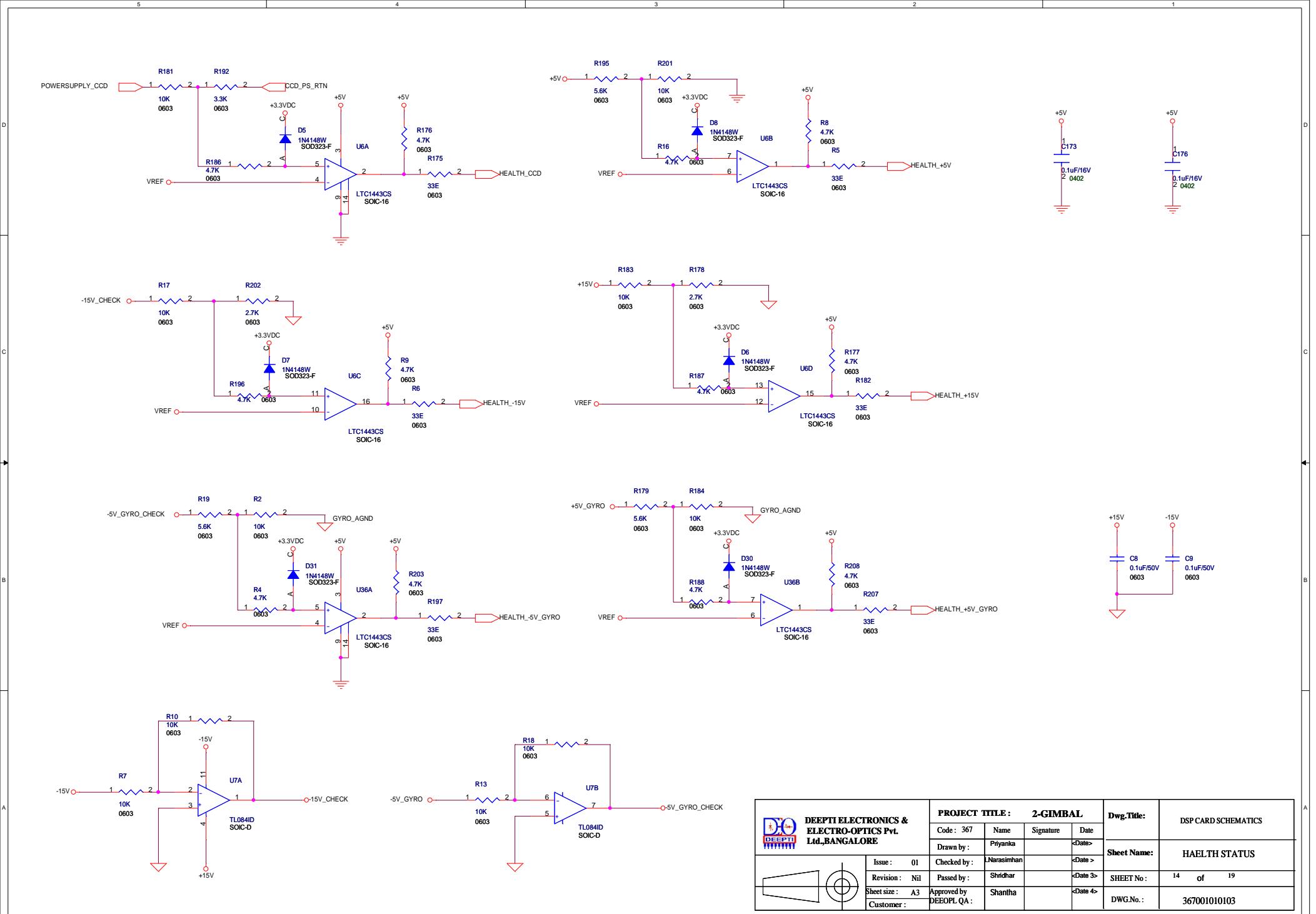


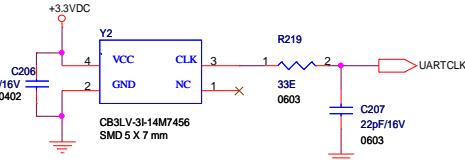
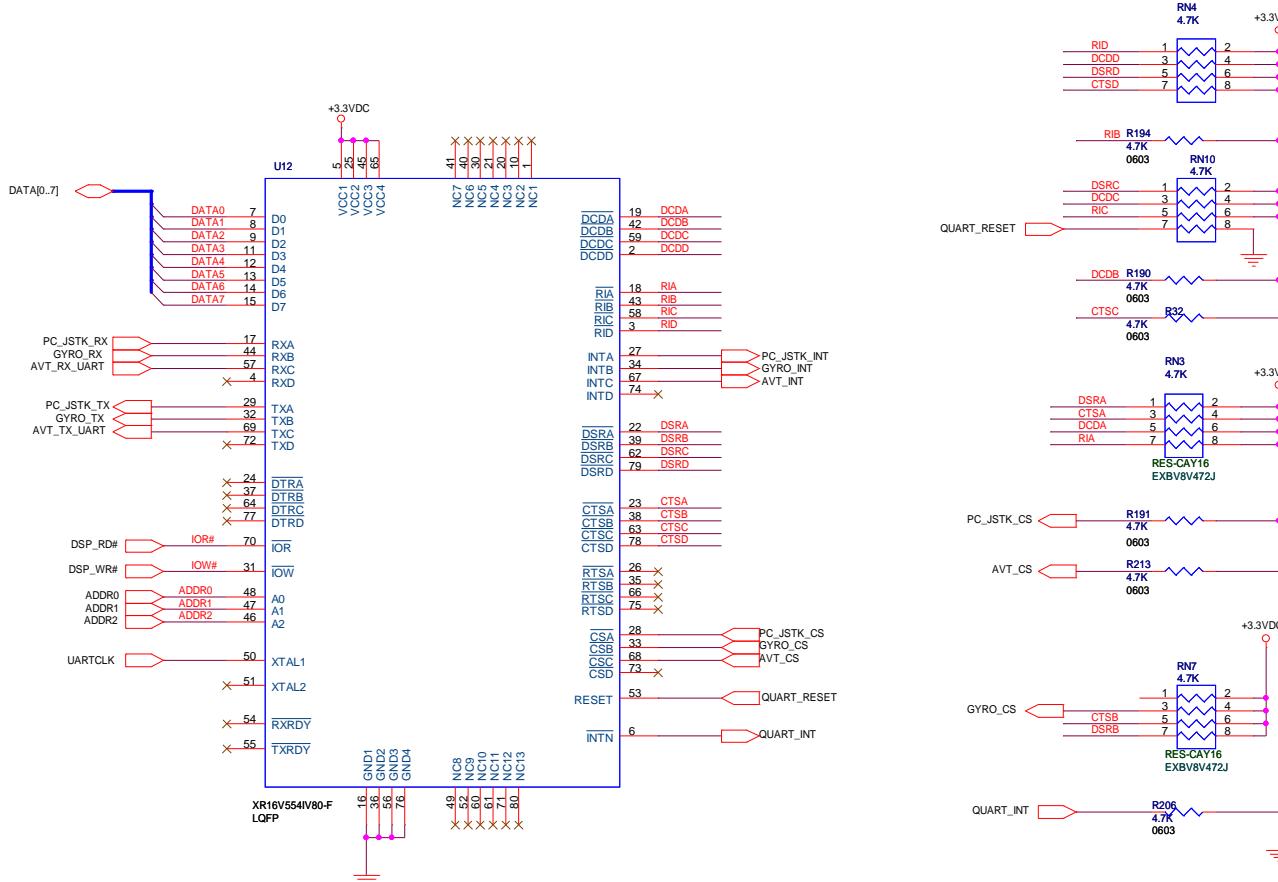
PROJECT TITLE : 2-GIMBAL				Dwg Title:	DSP CARD SCHEMATICS
Code : 367	Name :	Signature	Date :		
Drawn by : Piyanka	Checked by : L Narasimha		<Date>		
Revision : N1	Passed by : Shridhar		<Date 2>		
Sheet size : A3	Approved by : Shashikala		<Date 3>	SHEET NO. : 10 of 19	
Customer : DEEPTI ELECTRONICS & ELECTRO-OPTICS PTY LTD, BANGALORE	QA : Shanika		<Date 4>	DWG No. : 367001010103	

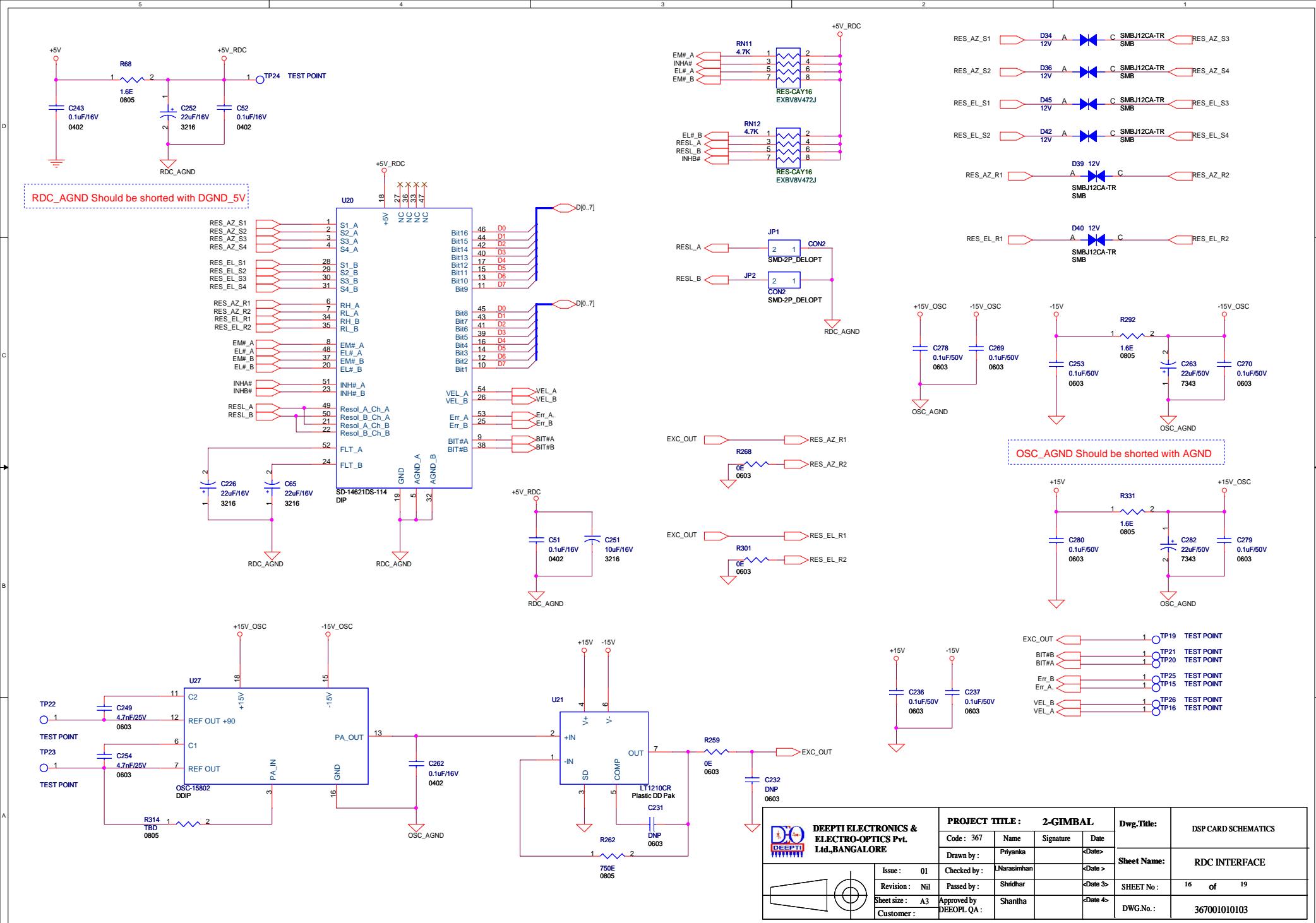




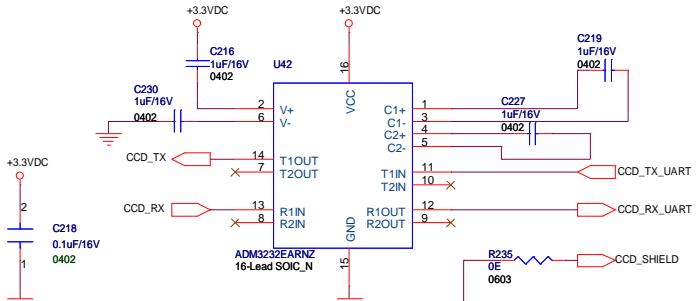




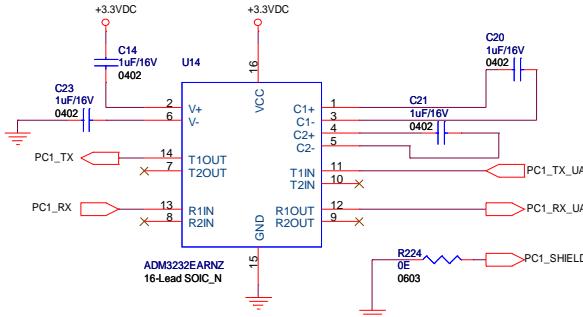




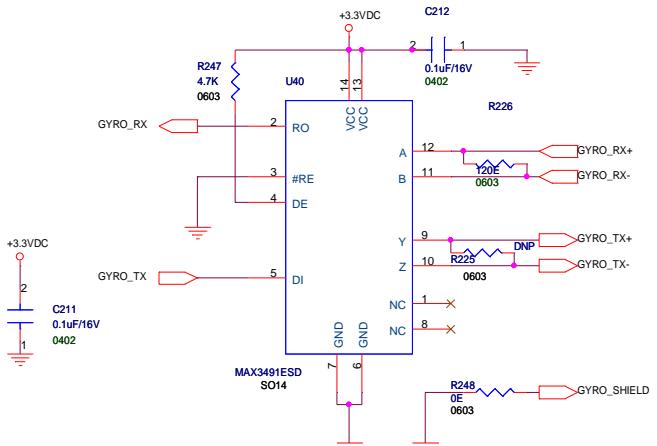
CCD SERIAL INTERFACE WITH RS422



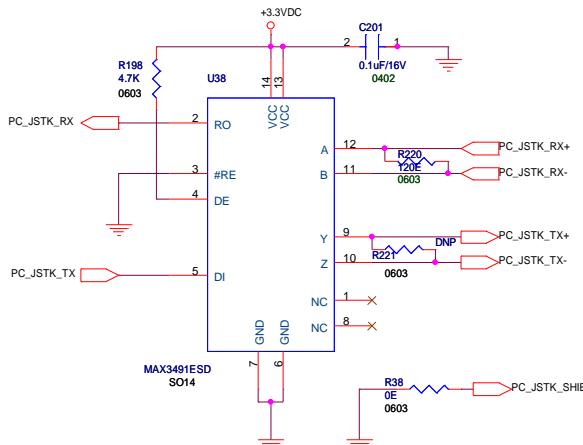
AVT SERIAL INTERFACE WITH RS232



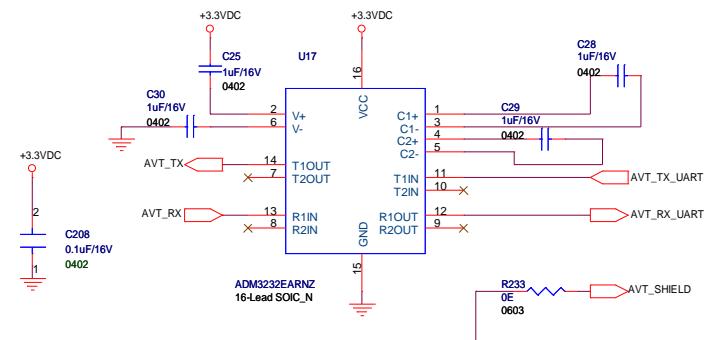
GYRO SERIAL INTERFACE WITH RS422



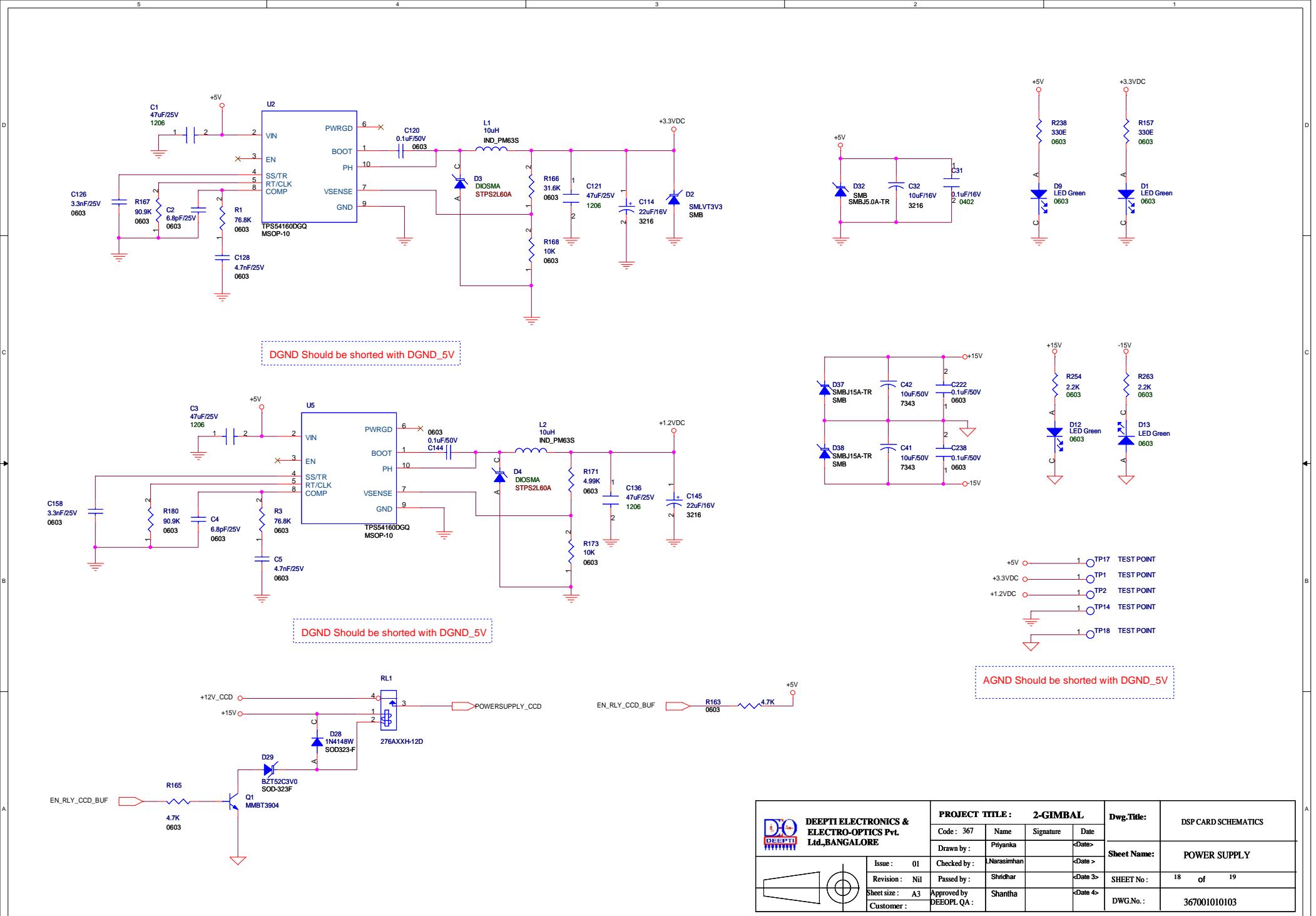
PC JSTK SERIAL INTERFACE WITH RS422



DEBUG SERIAL INTERFACE WITH RS232



PROJECT TITLE : 2-GIMBAL		Dwg.Title:	DSP CARD SCHEMATICS	
Code :	367	Name	Signature	Date
Drawn by :	Priyanka	<Date>		
Checked by :	Narasimhan	<Date>		
Revision :	Nil	Passed by :	Shridhar	<Date>
Sheet size :	A3	Approved by :	Shantha	<Date>
Customer :		DEEOPL QA :		DWG.No.:
				367001010103



### ENCODER INTERFACE WITH RS422

