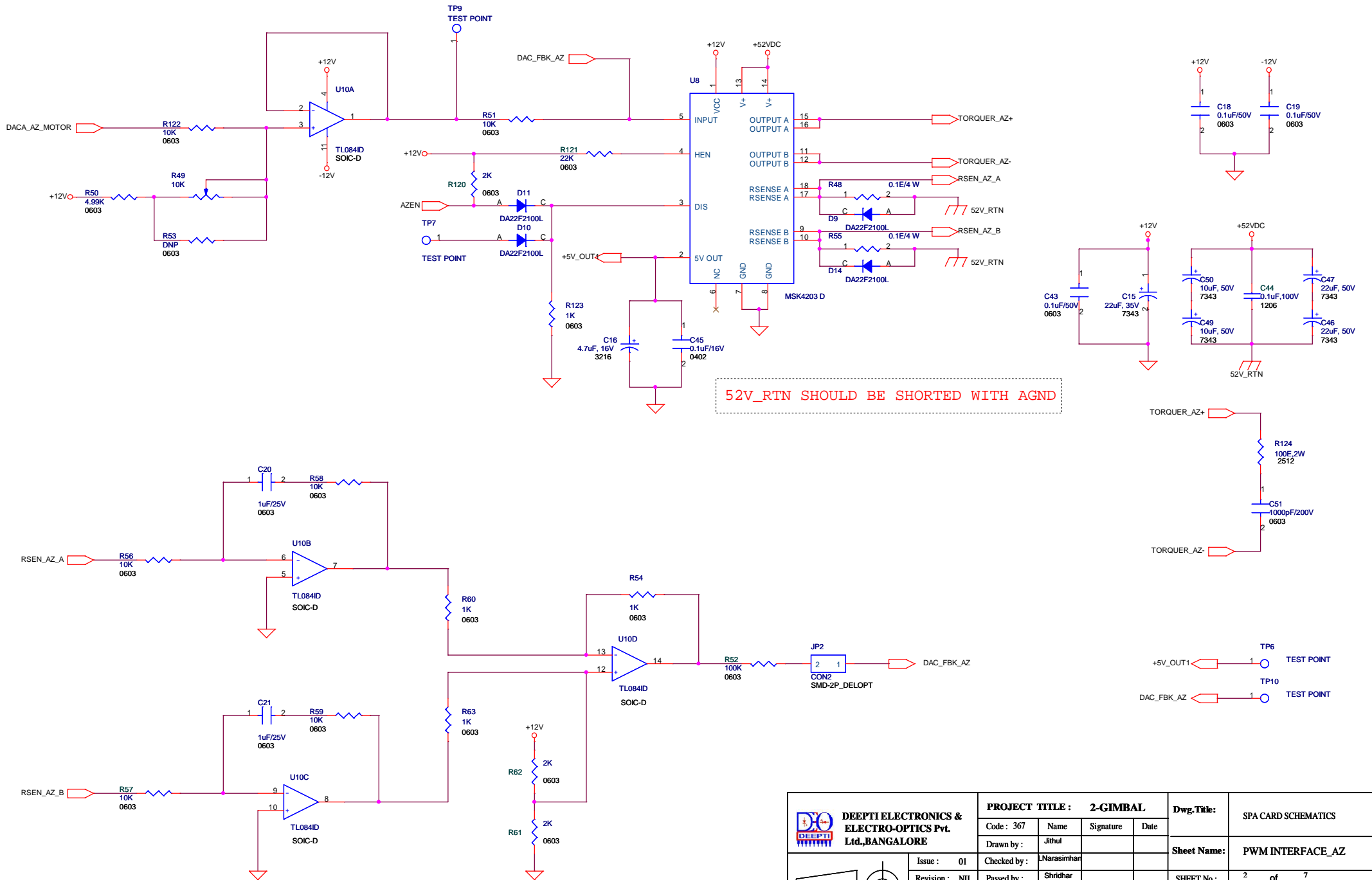


Pages: Functional Description


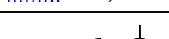
PAGE02: PWM INTERFACE\_AZ  
PAGE03: PWM INTERFACE\_EL  
PAGE04: AZ & EL OL DETECTION CKT  
PAGE05: AZ & EL SC DETECTION CKT  
PAGE06: SC & OL CONTROL LOGIC CKT  
PAGE07: CONNECTORS

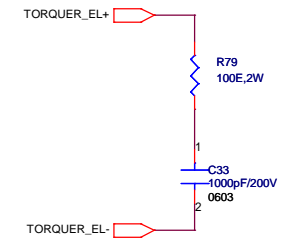
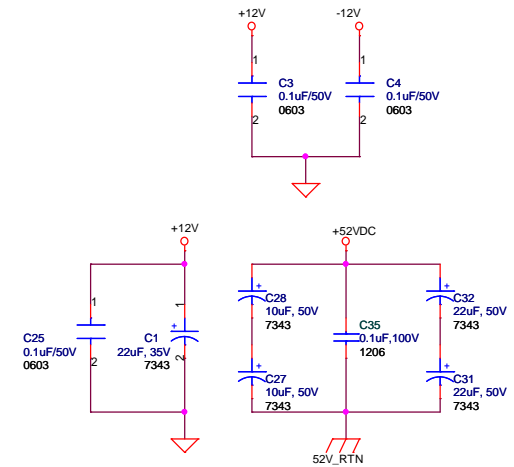
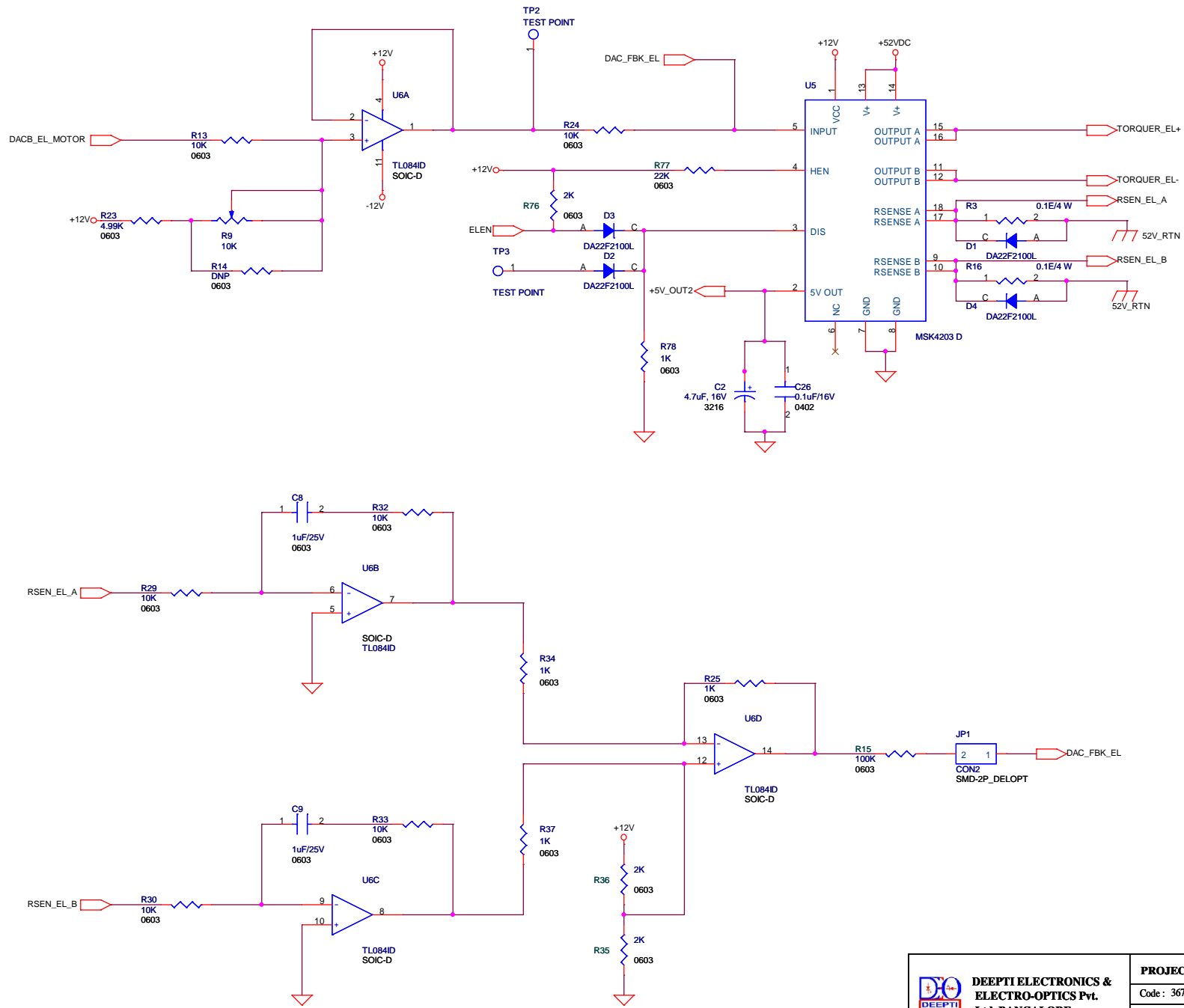
SPA CARD SCHEMATIC - 2 Gimbal



		PROJECT TITLE : 2-GIMBAL				Dwg.Title:	SPA CARD SCHEMATICS
		Code : 367	Name	Signature	Date		
		Drawn by :	Jithul				
	Issue :	01	Checked by :	Narasimhan		Sheet Name:	FRONT PAGE
	Revision :	NIL	Passed by :	Shridhar			
	Sheet size :	A3	Approved by	Shantha		SHEET No :	1 of 7
	Customer IRDE		DEEOPL QA :			DWG.No. :	367001010303

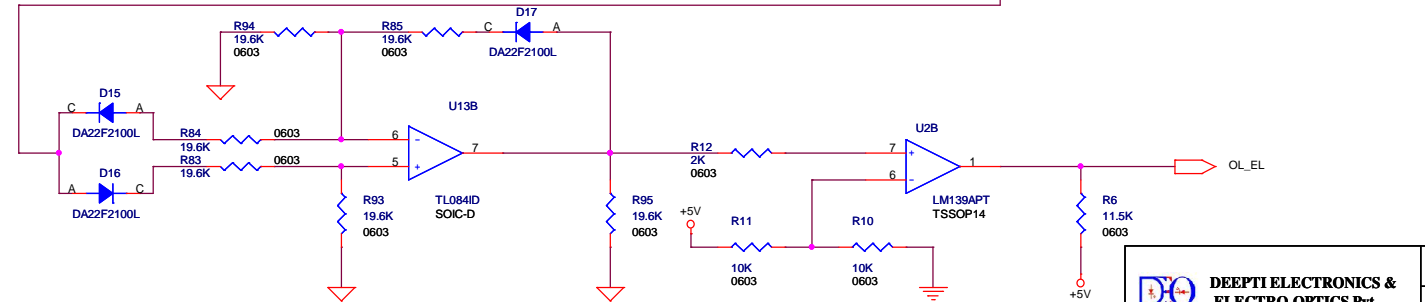
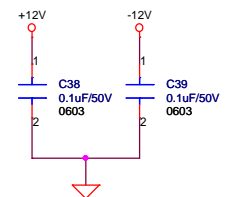
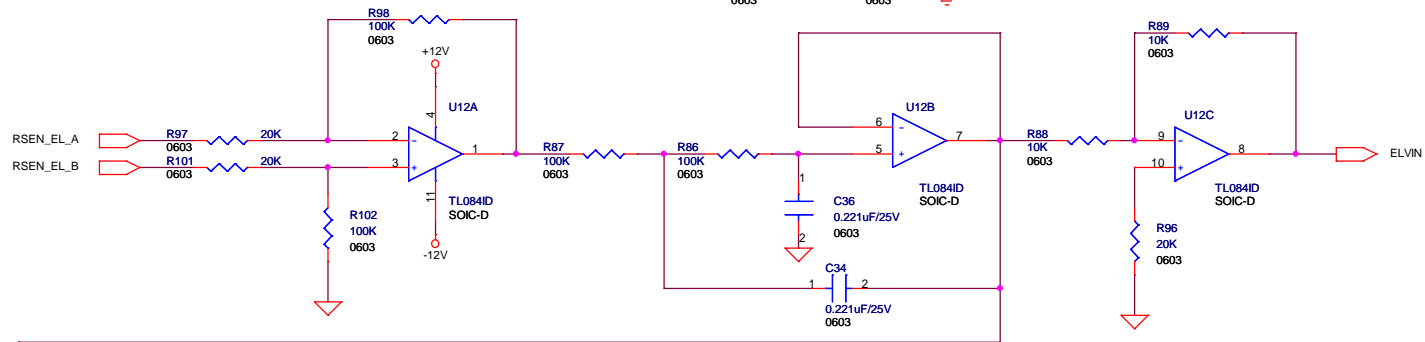
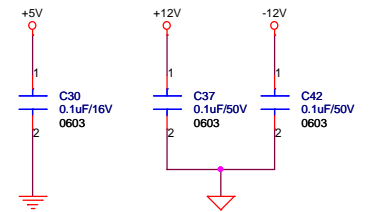
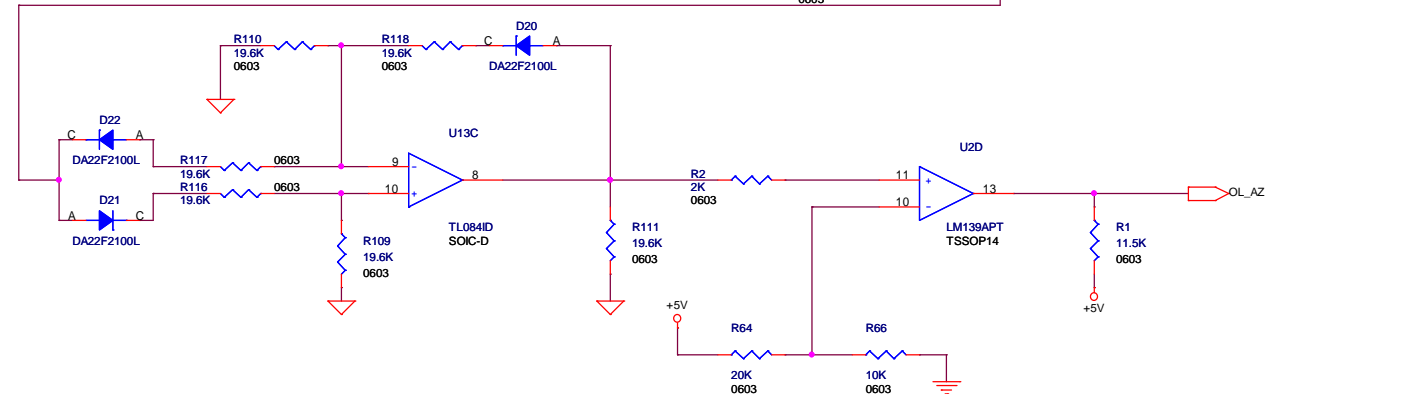
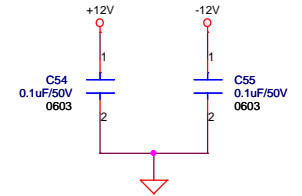
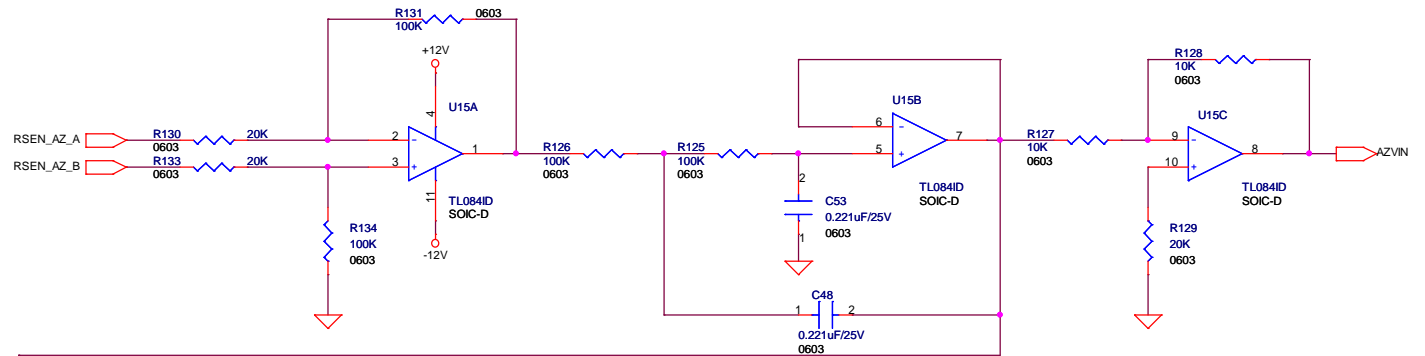




52V\_RTN SHOULD BE SHORTED WITH AGND

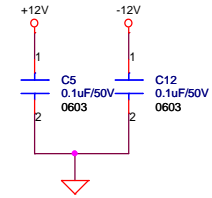
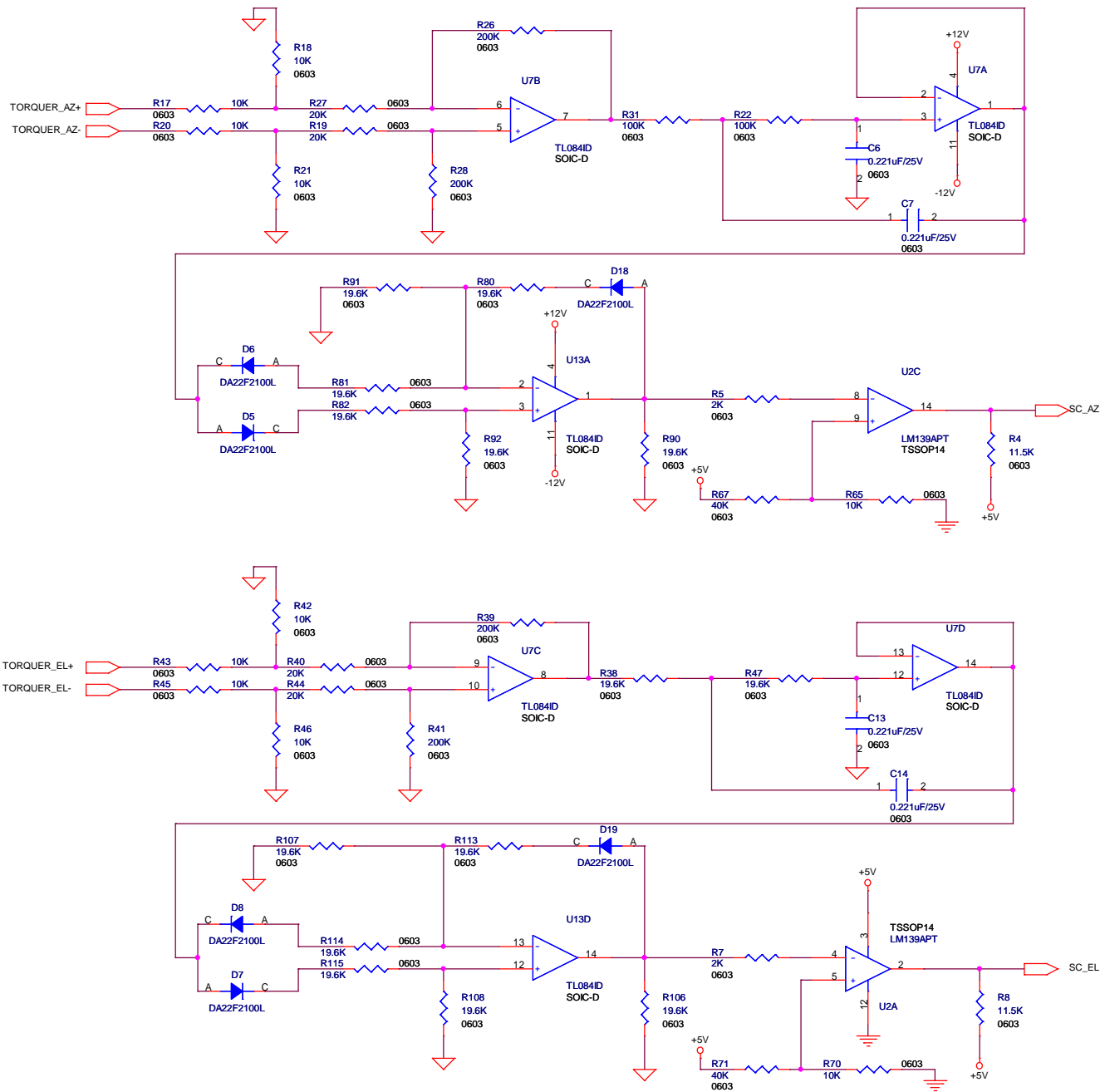
 DEEPTI ELECTRONICS & ELECTRO-OPTICS Pvt. Ltd.,BANGALORE		PROJECT TITLE : 2-GIMBAL				Dwg.Title:	SPA CARD SCHEMATICS
		Code : 367	Name	Signature	Date		
				Drawn by :	Jithul		
	Issue : 01	Checked by :	Narasimhan			SHEET No :	2 of 7
	Revision : NIL	Passed by :	Shridhar				
	Sheet size : A3	Approved by	Shantha			DWG.No. :	367001010303
	Customer : IRDE	DEEPL QA :					


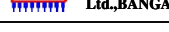


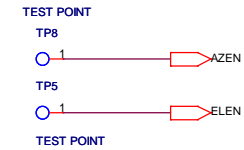
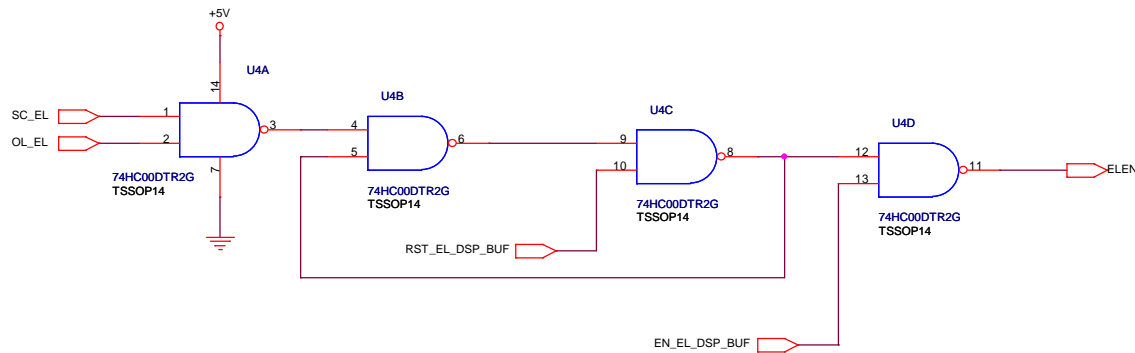
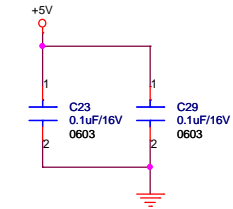
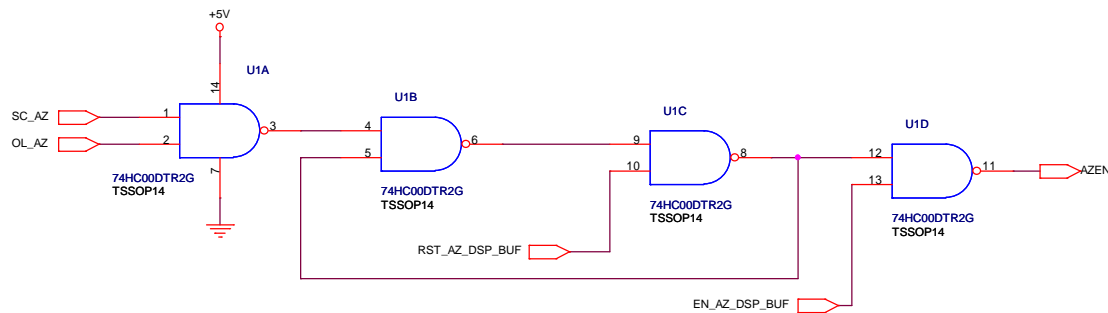
		<b>PROJECT TITLE : 2-GIMBAL</b>				<b>Dwg.Title:</b>	SPA CARD SCHEMATICS	
		Code : 367	Name	Signature	Date			
				Drawn by :	Jithul			<b>Sheet Name:</b>
Issue : 01	Checked by :			Narasimhan				
Revision : NIL	Passed by :			Shridhar			<b>SHEET No :</b>	3 of 7
Sheet size : A3	Approved by :			Shantha			<b>DWG.No. :</b>	367001010303
Customer : IRDE								



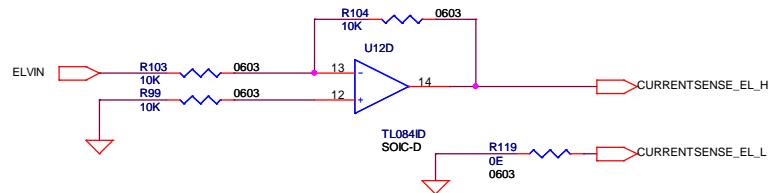
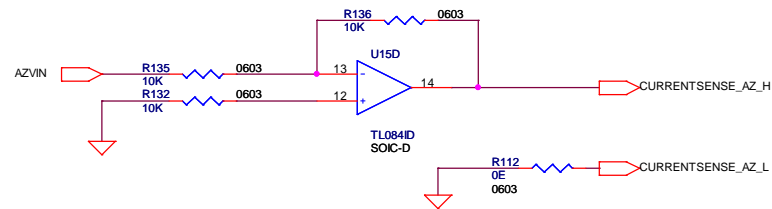
	<b>PROJECT TITLE : 2-GIMBAL</b>				<b>Dwg.Title:</b>	SPA CARD SCHEMATICS
	Code : 367	Name	Signature	Date	<b>Sheet Name:</b>	AZ&EL OL DETECTION CKT
	Drawn by :	Jithul			<b>SHEET No :</b>	4 of 7
	Issue : 01	Checked by :	Narasimhan		<b>DWG.No. :</b>	367001010303
	Revision : NIL	Passed by :	Shridhar			
	Sheet size : A3	Approved by :	Shantha			
	Customer : IRDE	DEEOPL QA :				



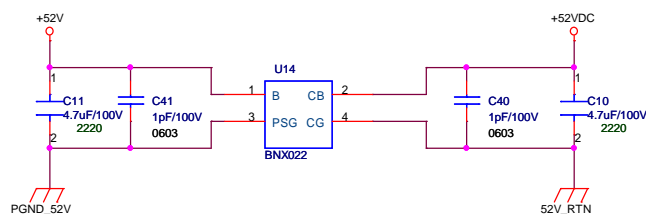
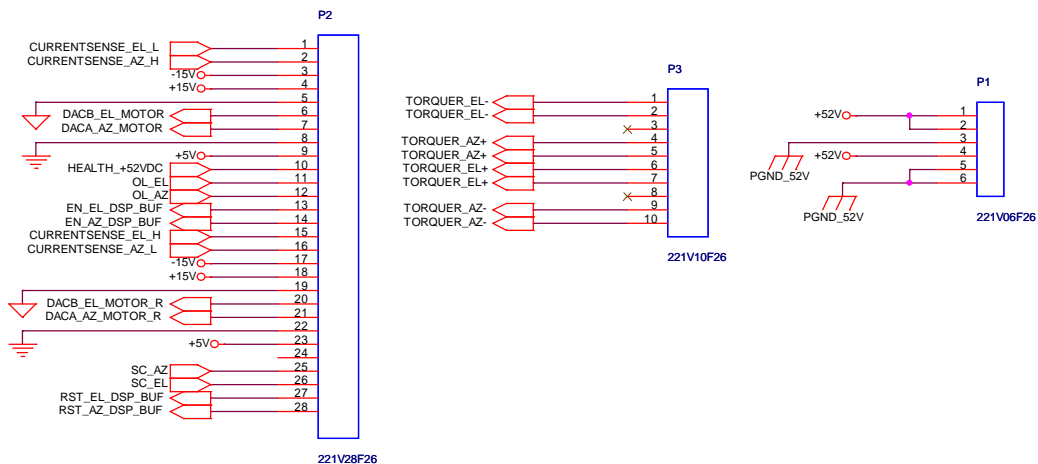
 <div>DEEPTI ELECTRONICS &amp; ELECTRO-OPTICS Pvt. Ltd.,BANGALORE</div>		PROJECT TITLE : 2-GIMBAL				Dwg.Title:	SPA CARD SCHEMATICS
		Code : 367	Name	Signature	Date		
			Issue : 01	Checked by :	Narasimhan		
Revision : NIL	Passed by :		Shridhar				
Sheet size : A3	Approved by :		Shantha			SHEET No :	5 of 7
Customer : IRDE	DEEPL QA :					DWG.No. :	367001010303



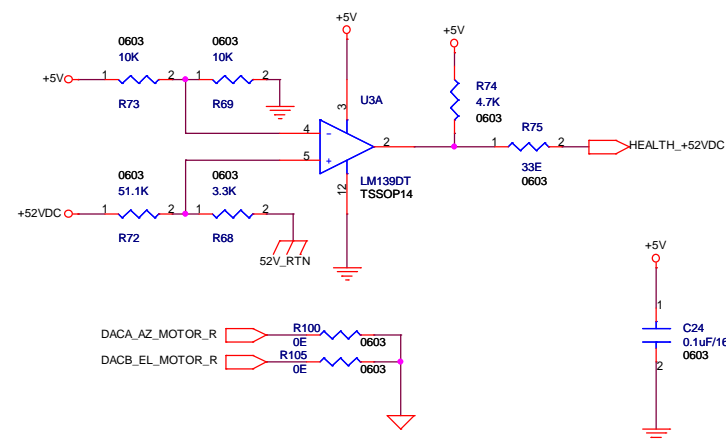
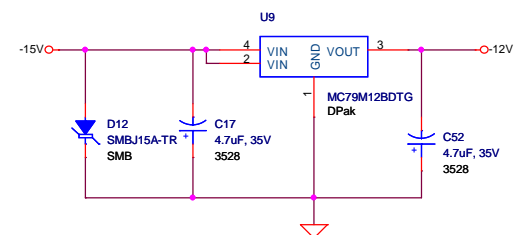
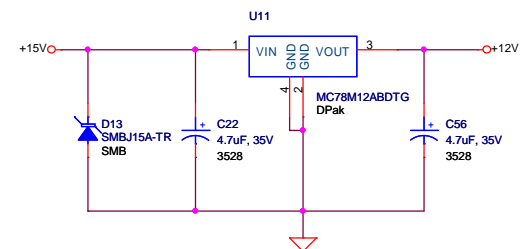
DGND SHOULD BE SHORTED WITH AGND



	<b>PROJECT TITLE : 2-GIMBAL</b>				<b>Dwg.Title:</b>	SPA CARD SCHEMATICS
	Code : 367	Name	Signature	Date		
	Drawn by :	Jithul			<b>Sheet Name:</b>	SC&OL CONTROL LOGIC CKT
	Revision : NIL	Checked by :	Narasimhan		<b>SHEET No :</b>	6 of 7
	Sheet size : A3	Passed by :	Shridhar		<b>DWG.No. :</b>	367001010303
	Customer : IRDE	Approved by :	Shantha			



52V\_RTIN SHOULD BE SHORTED WITH AGND



	<b>PROJECT TITLE : 2-GIMBAL</b>				<b>Dwg.Title:</b>	SPA CARD SCHEMATICS
	Code : 367	Name	Signature	Date	<b>Sheet Name:</b>	CONNECTORS
	Drawn by :	Jithul				
	Issue : 01	Checked by :	Narasimhar		<b>SHEET No :</b>	7 of 7
	Revision : NIL	Passed by :	Shridhar		<b>DWG.No. :</b>	367001010303