

NOTES, UNLESS OTHERWISE SPECIFIED:

1. The netname "TEC\_V1P0VREF" represents connection to the +1.0V power buss.
2. The netname "TEC\_V2P5VREF" represents connection to the +2.5V power buss.
3. The netname "P3P3V" represents connection to the +3.3V power plane.
4. The netname "P5P0V\_ANA" represents connection to the +5.0V power buss.
5. The netname "P6P2V" represents connection to the +6.2V power buss.
6. The netname "P12V\_SUPPLY" represents connection to the +12.0V power buss.
7. The netname "GND" represents connection to the ground plane.
8. A "Z" suffix on a signal name indicates an active low signal.
9. All components with designators "U\*", "Q\*", and "D\*" are electrostatic discharge sensitive.
10. All resistor values are in ohms.
11. All capacitor values in microfarads unless otherwise specified.



COMPUTER GENERATED DRAWING - DO NOT REVISE MANUALLY

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ECO 2136146: Initial Release	09/23/2013	HPC
B	ECO 2138100: R3 & R5 reversed, Add R12, U5-1&10 reversed	12/06/2013	GW
C	ECO 2140599: Move U1-13 from 12V_Supply net to SITARA_TEC_EN net	02/14/2014	GW

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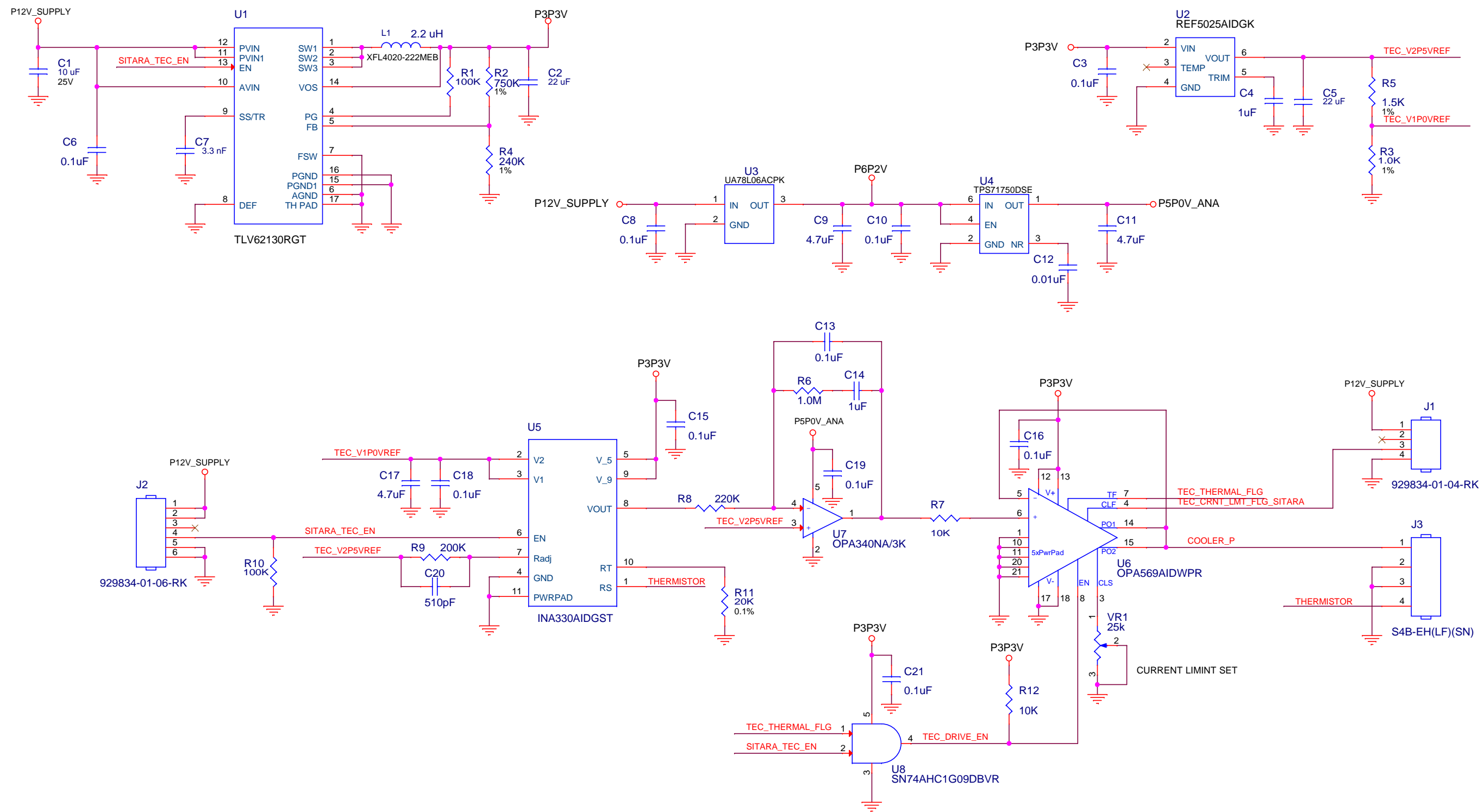
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		ENGR Eric Pruett			
		APVD Joe Siddall			
		MFG			
	0314CP	QA		TITLE ESD, NIRscan TEC Driver Board	
NEXT ASSY	USED ON				
APPLICATION		SW Allegro Design Entry 16.6		A3	DRAWING NO 2513471
				SCALE	REV C
				SHEET 1 of 3	



TEXAS INSTRUMENTS

DWN  
P. Cleveland  
DATE  
09/23/2013  
ISSUE DATE

A3

DRAWING NO  
2513471

REV  
C

SCALE

SHEET 2 OF 3

Revision History

Rev. A: Initial Release ~ 11/25/2013

Rev. B: ECO 2138100: R3 & R5 reversed, Add R12, U5-1&10 reversed ~ 12/06/2013

Rev. C: ECO 2140599: U1-13 moved from P12V\_Supply net to SITARA\_TEC\_EN net  
Up-date title block, disclaimer  
Removed "SPECIAL ROUTING INSTRUCTIONS" note ~ 02/14/2014

Schematic Revision History

TEXAS INSTRUMENTS	DWN P. Cleveland	DATE 09/23/2013	A3	DRAWING NO 2513471		REV C
	ISSUE DATE					
				SCALE		SHEET 3 OF 3