

Page 2
Block Diagram

Page 3
50 Pin Connector to EVM Board, Hot Swap controller, EEPROM.

Page 4
Isolated SPI, Isolated Fly buck Power Supply for +16V_ISO, -15V_ISO, +5.3V_ISO and 8.2V_NON_ISO.

Page 5
LDO to generate +15V_ISO, -15V_ISO and +5V_ISO.

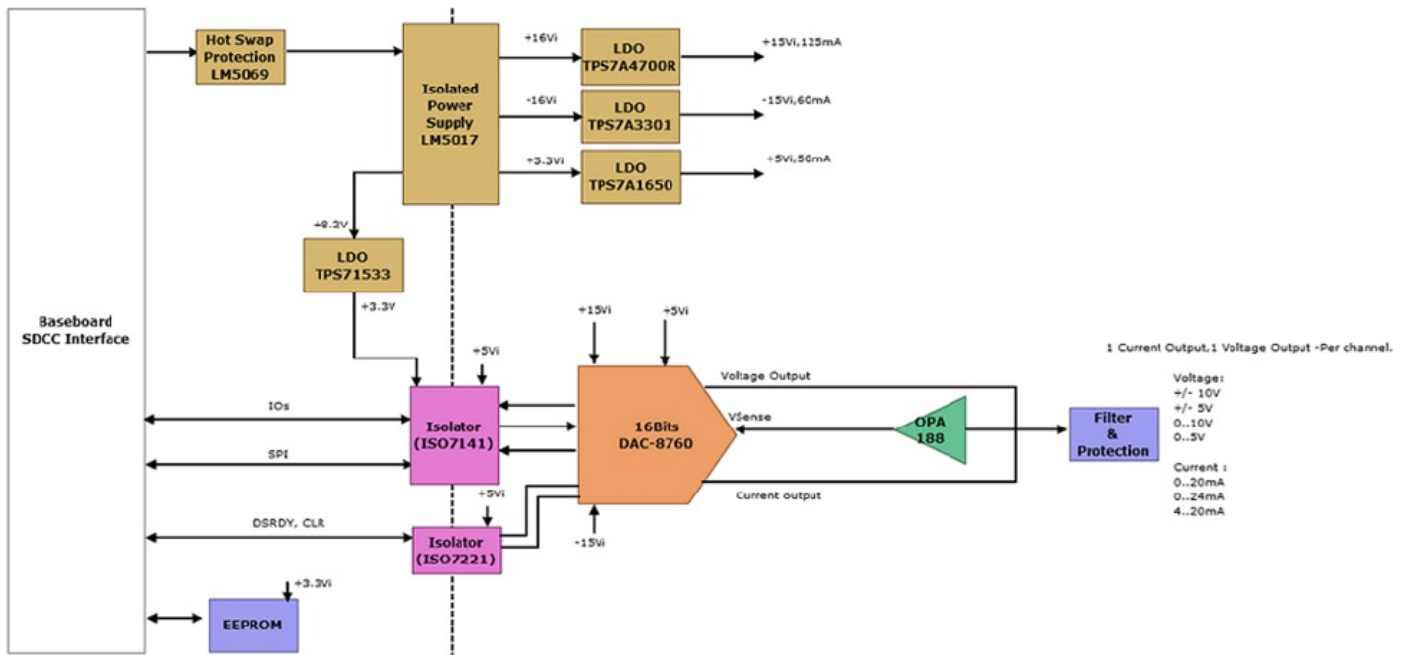
Page 6
DAC's for Analog outputs-1 and 2
Jumpers for 2/4 Analog output options

Page 7
DAC's for Analog outputs-3 and 4

Page 8
Analog Output connectors for Field Devices, Connector for Earth connection, Protection components.

Page 9
Mounting holes, Fiducials Marking

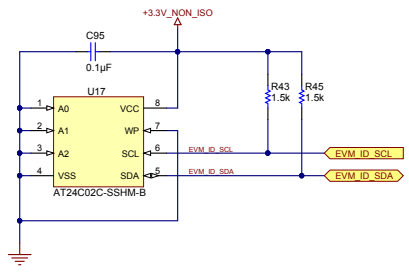
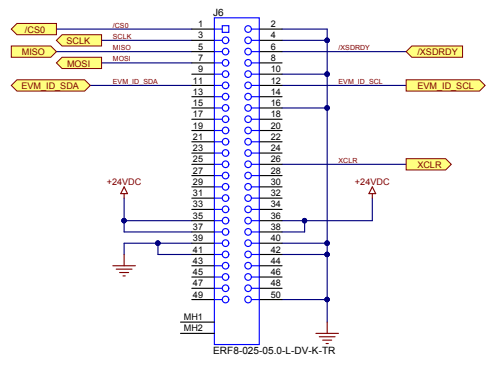
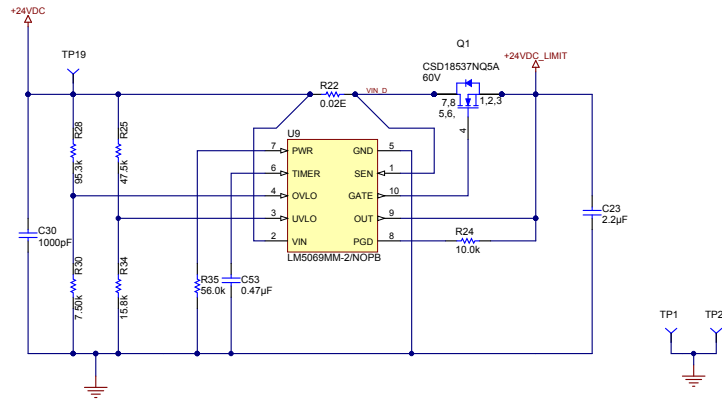
Revision History	
Revision	Notes



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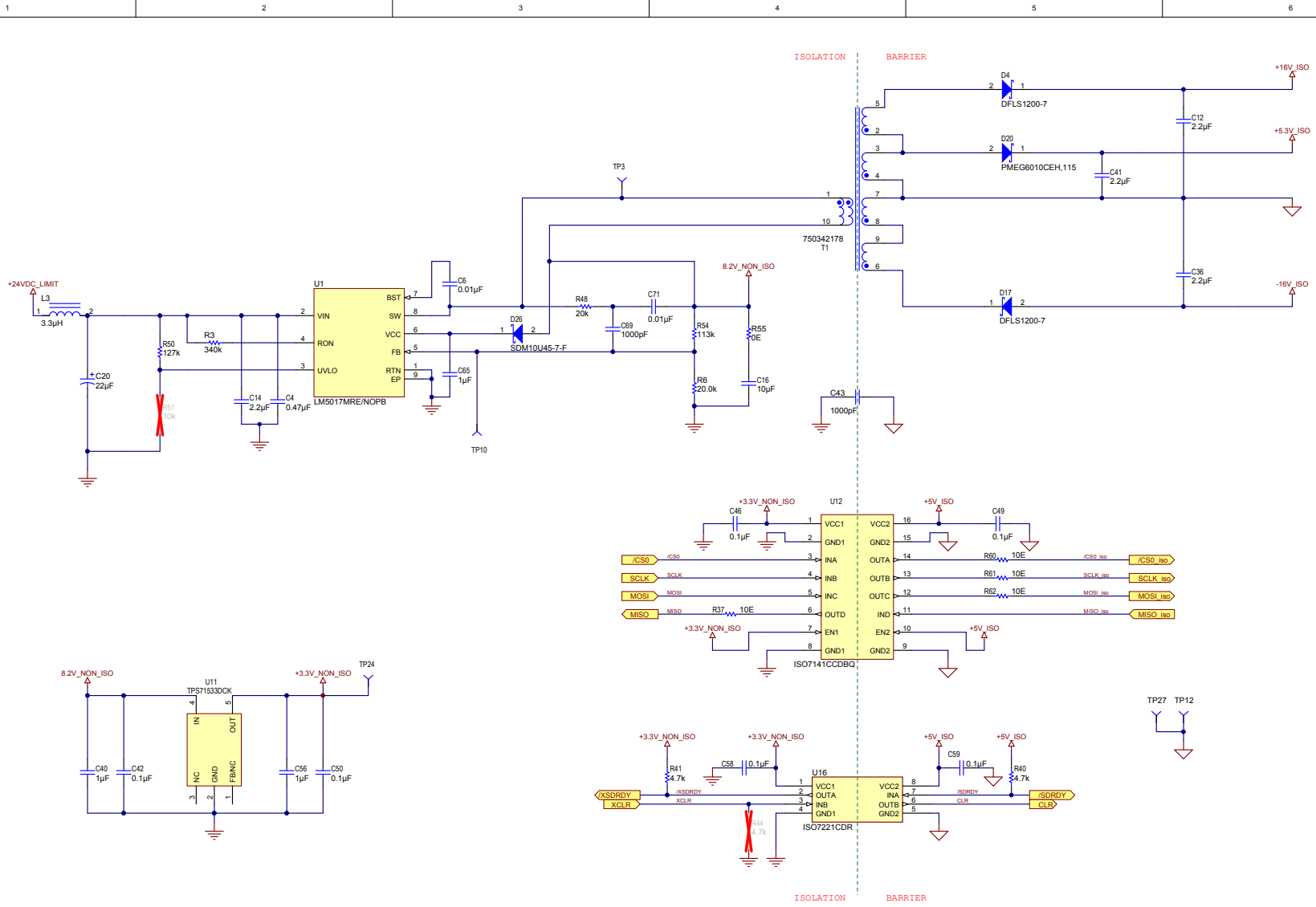
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Project Title: SAT0077			
Number: SAT0077	Rev: E1		
SVN Rev.: Not in version control		Assembly Variant: 001	Sheet: 2 of 9
Drawn By:	Engineer: Alul Sharma	File: Pcd Block Diagram.SchDoc	Size: B
		Contact: http://www.ti.com/support	

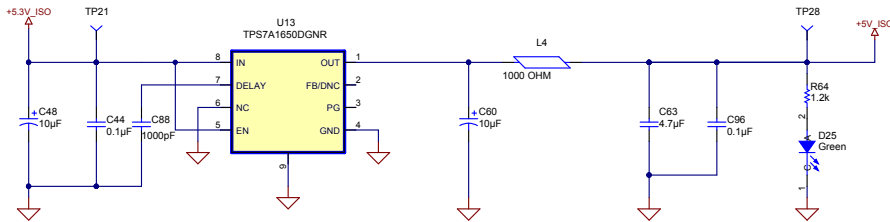
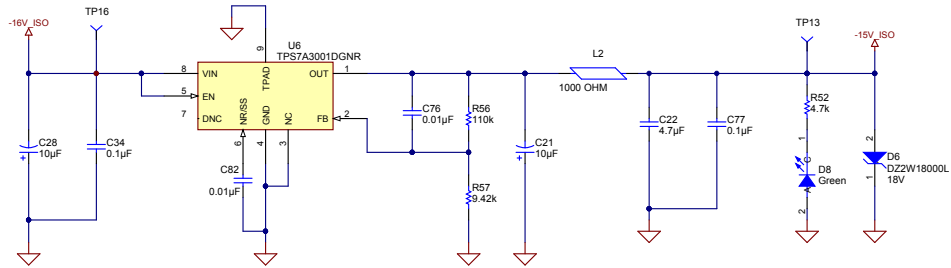
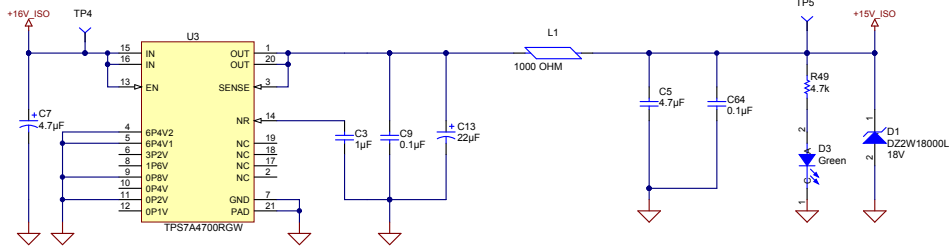




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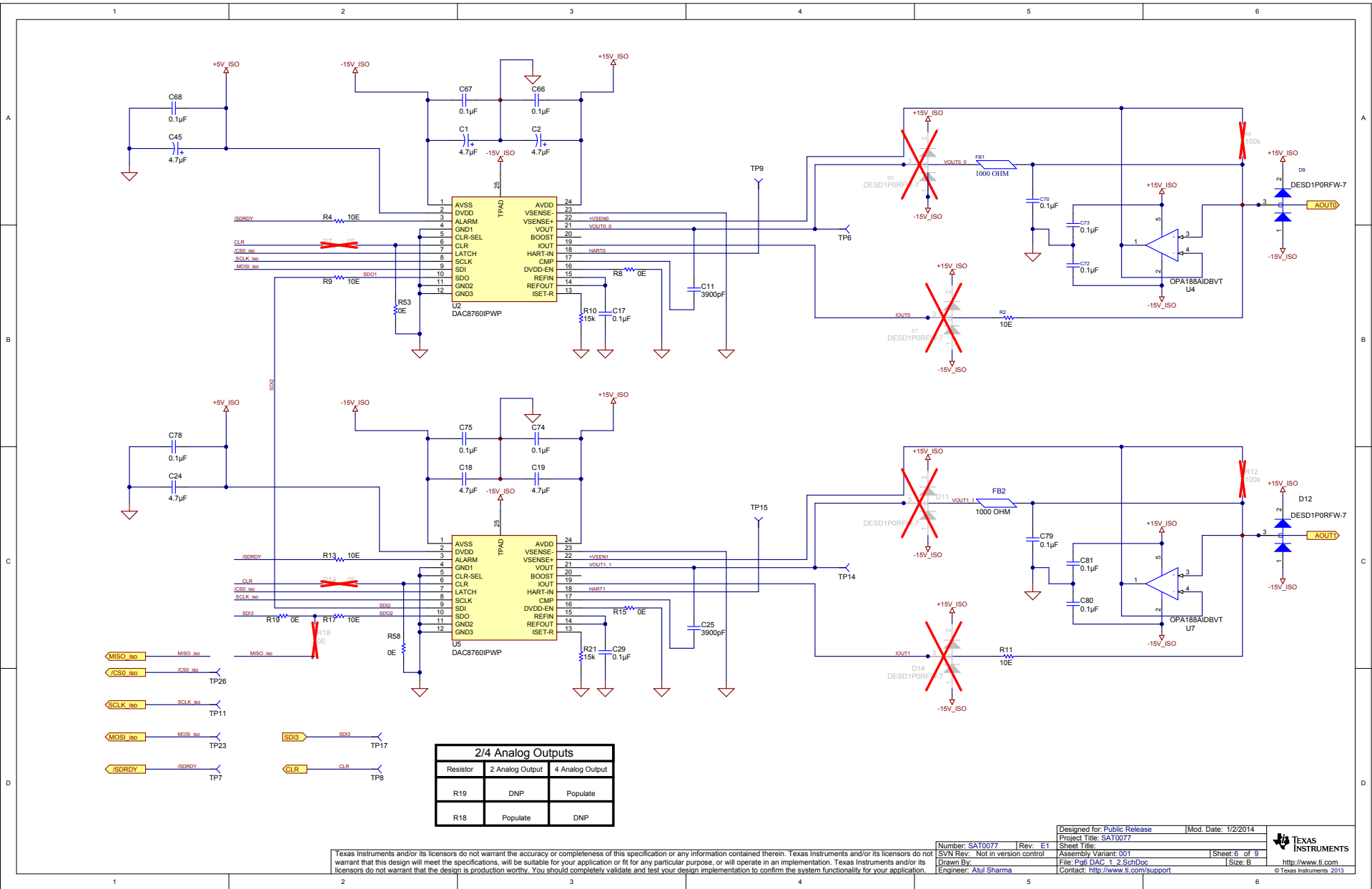
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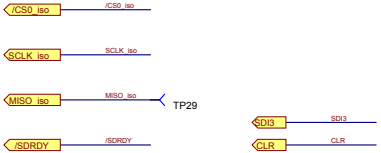
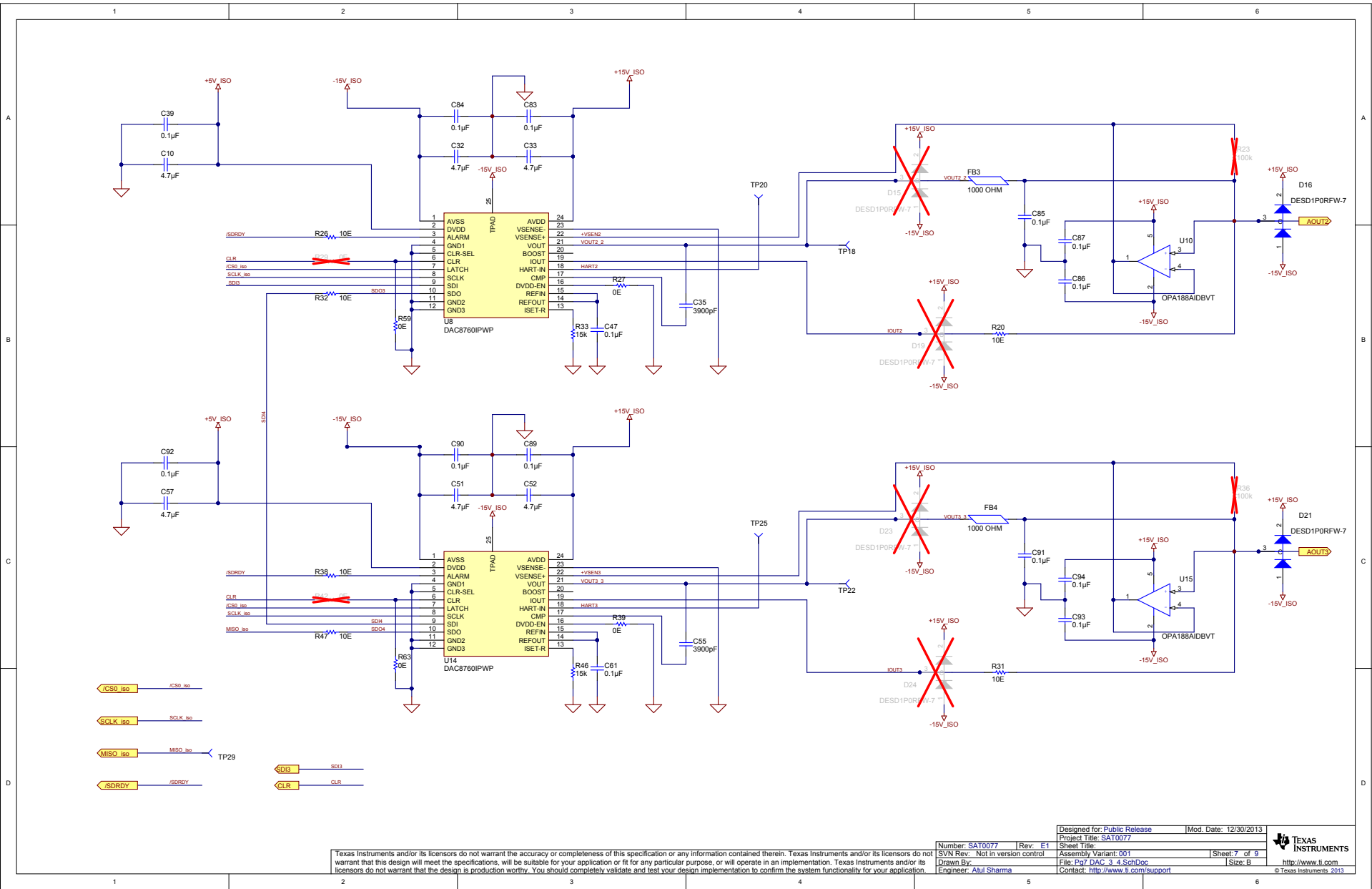


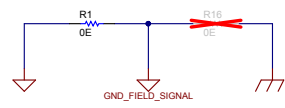
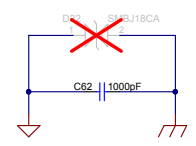
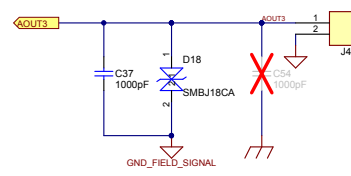
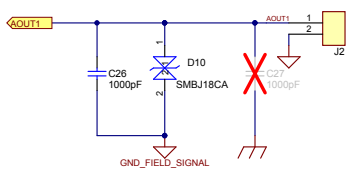
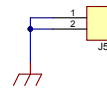
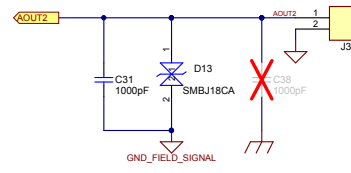
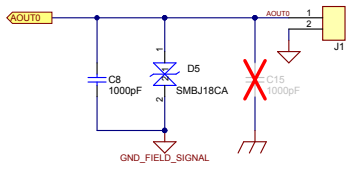
2/4 Analog Outputs		
Resistor	2 Analog Output	4 Analog Output
R19	DNP	Populate
R18	Populate	DNP

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 Number: SAT0077 | Rev: E1
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 SVN Rev.: Not in version control | Sheet 6 of 9
 Assembly Variant: 001
 Drawn By: | File: Pkg DAC 1 2.SchDoc | Size: B
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Number: SAT0077	Rev: E1	Sheet Title:	
SVN Rev.: Not in version control		Assembly Variant: 001	Sheet: 8 of 9
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Mounting Holes



Fiducials Marking



PCB Number: SAT0077
PCB Rev: E1

PCB LOGO
Texas Instruments

LBL1
PCB Label
Size: 0.65" x 0.20"

Z21
Label Assembly Note
This Assembly Note is for PCB labels only

Z22
Assembly Note
These assemblies are ESD sensitive, ESD precautions shall be observed.

Z23
Assembly Note
These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.

Z24
Assembly Note
These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.

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