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Multi-channel Data Acquisition System with isolated SPI port

Version A

PCB Number : EVAL-CN0254-SDPZ

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

D

D

C

C

B

B

A

A

DRAWN: Willie.Yue		DATED: 11-14-2011		EVAL-CN0254-SDPZ Multi-channel Data Acquisition System with isolated SPI port			
CHECKED: <Checked By>		DATED: <Checked Date>		CODE:	SIZE:	DRAWING NO:	REV:
QUALITY CONTROL: <QC By>		DATED: <QC Date>		<Code>	B		A
RELEASED: <Released By>		DATED: <Release Date>		SCALE: 1:1			SHEET: 1 of 5

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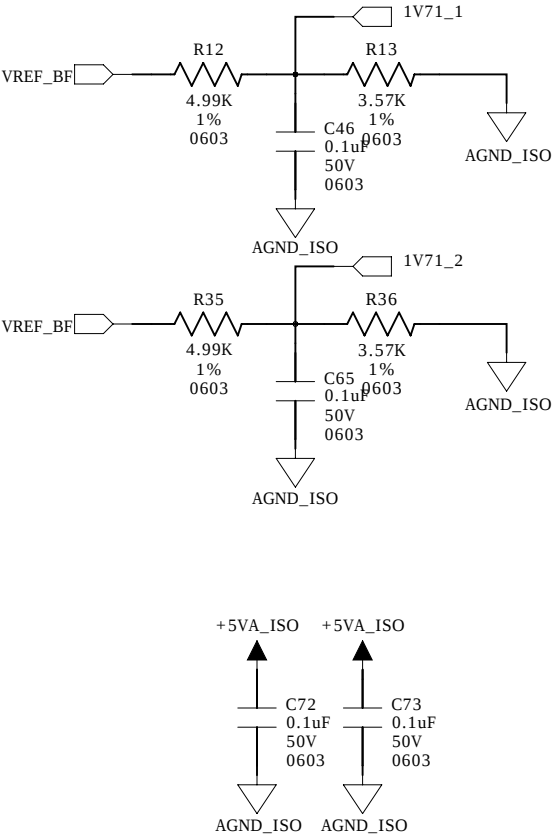
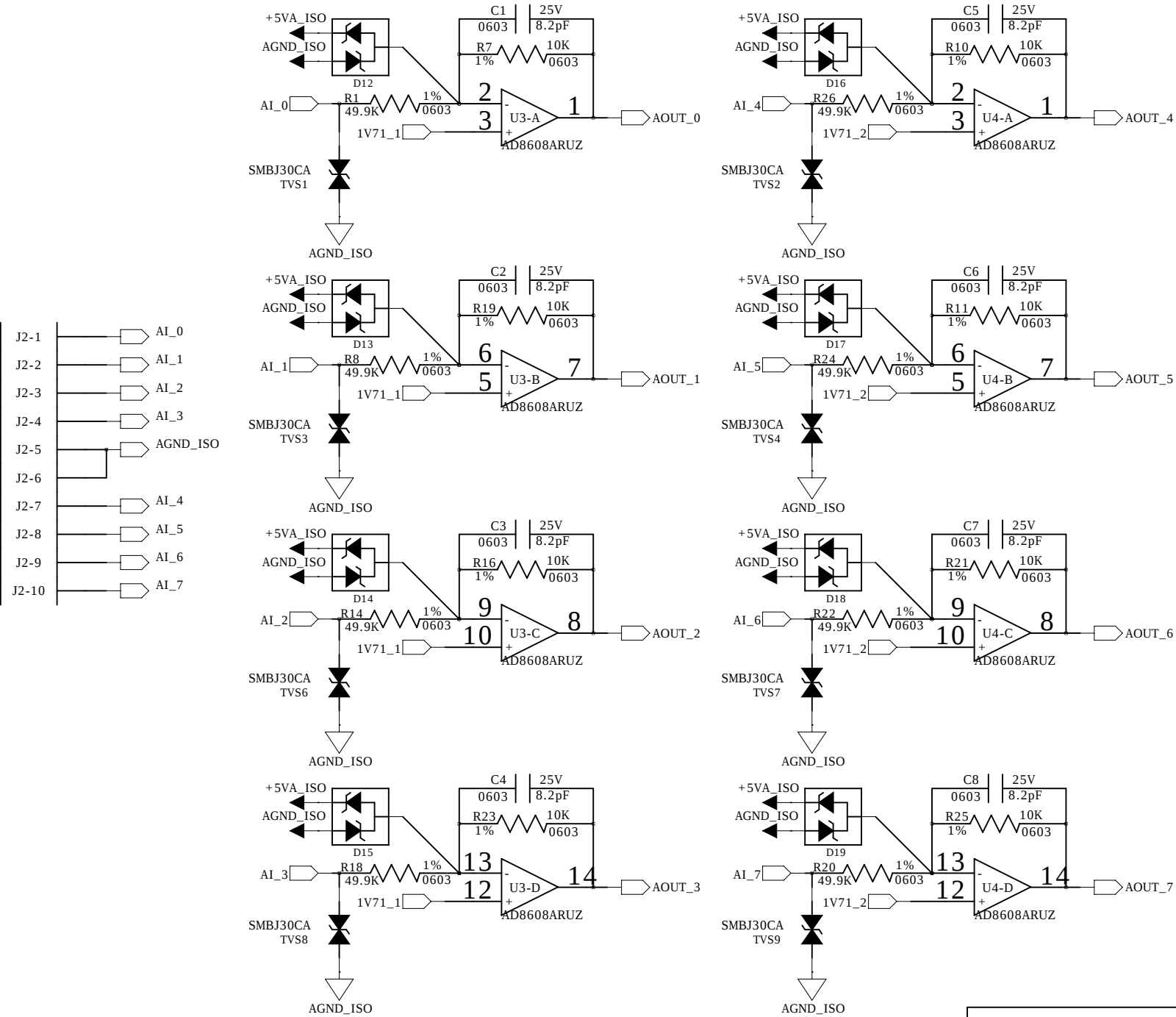
REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

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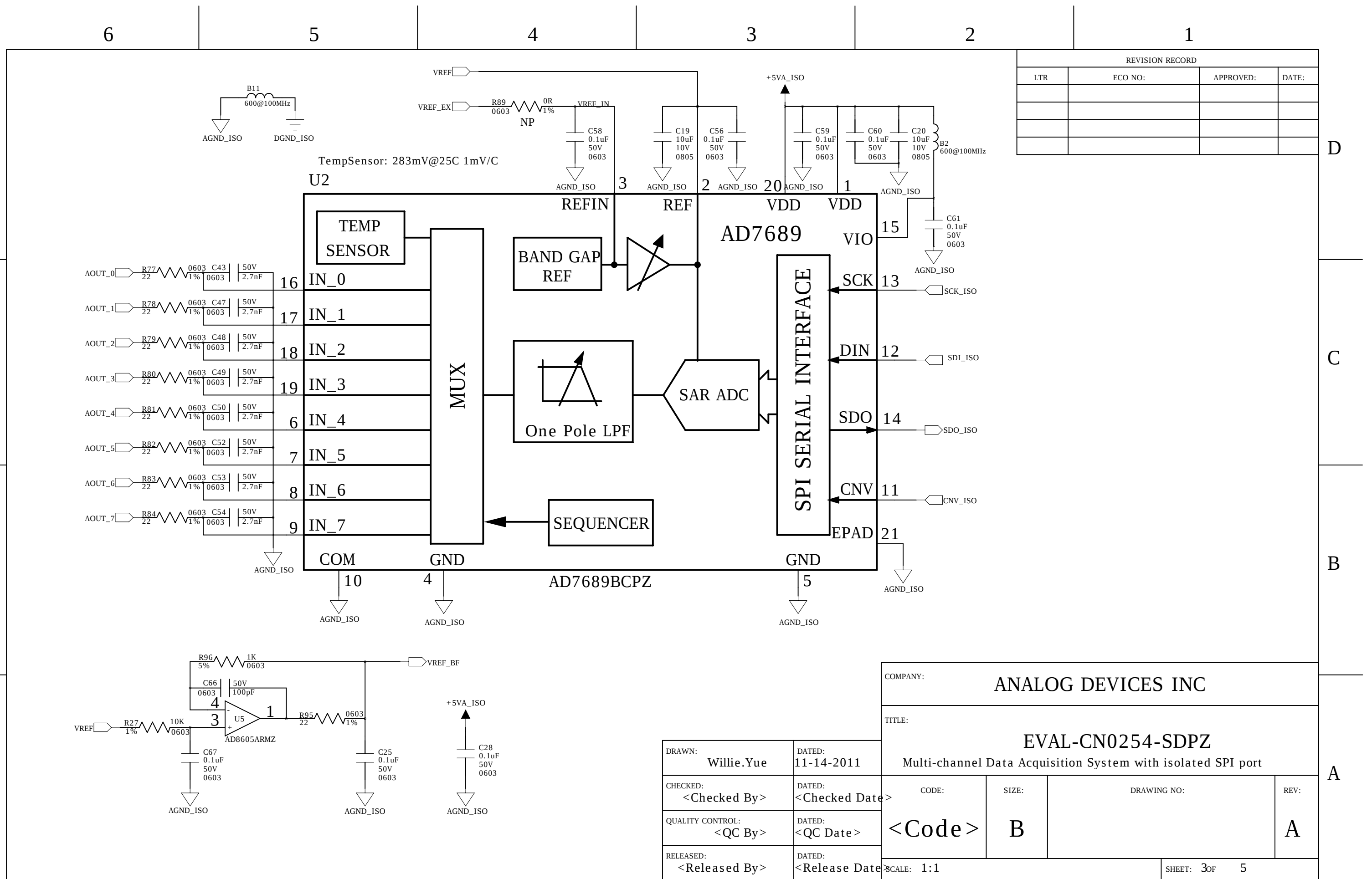
B

A



COMPANY: ANALOG DEVICES INC			
TITLE: EVAL-CN0254-SDPZ Multi-channel Data Acquisition System with isolated SPI port			
CODE:	SIZE:	DRAWING NO:	REV:
<Code>	B		A
SCALE: 1:1			SHEET: 2 of 5

DRAWN: Willie.Yue	DATED: 11-14-2011
CHECKED: <Checked By>	DATED: <Checked Date>
QUALITY CONTROL: <QC By>	DATED: <QC Date>
RELEASED: <Released By>	DATED: <Release Date>



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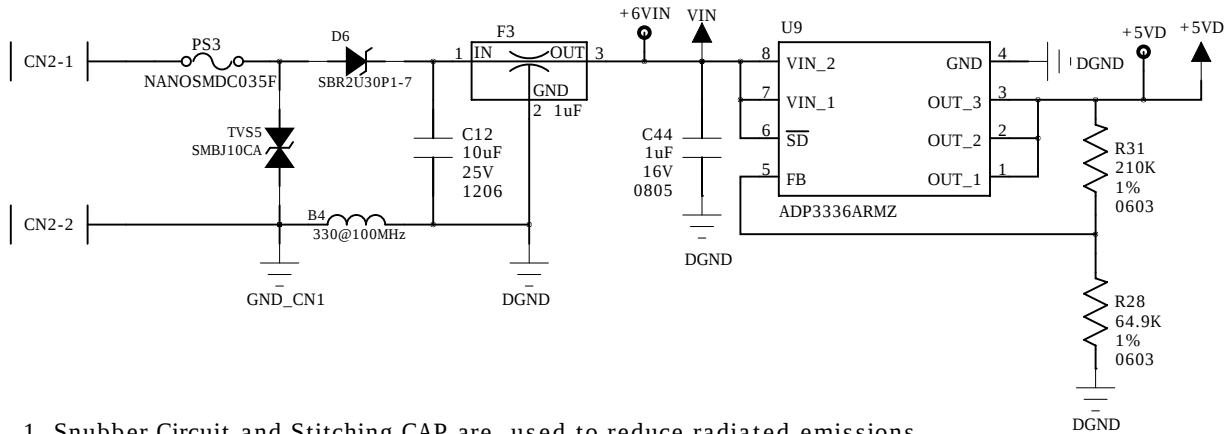
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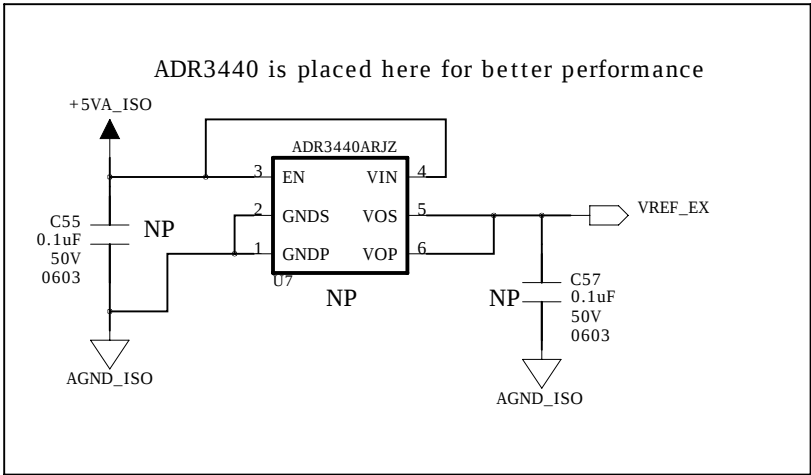
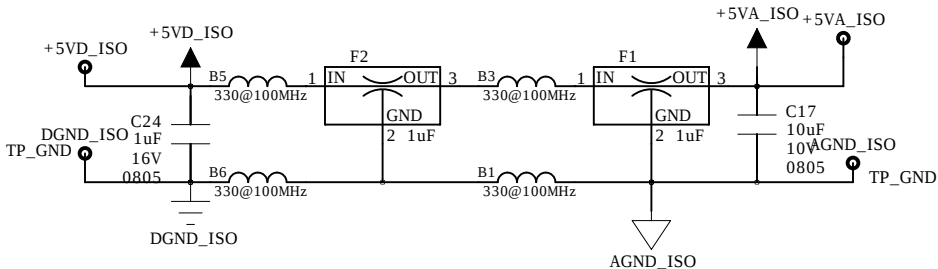
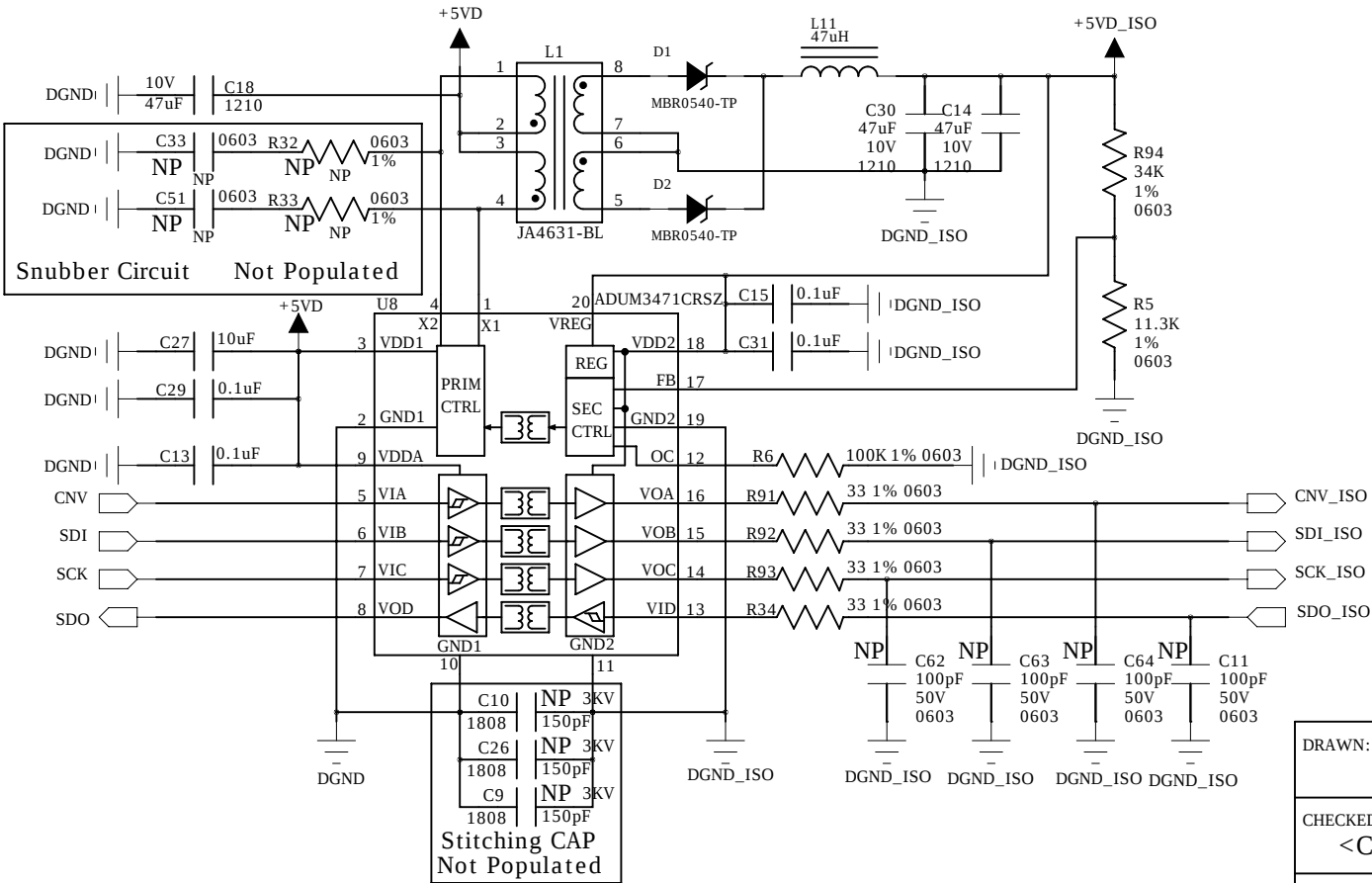
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- 1. Snubber Circuit and Stitching CAP are used to reduce radiated emissions.
- 2. Logic Input of ADuM3471 can be driven by 3.3V CMOS Logic
VIH_MIN = 2.0V
VIL_MAX = 0.8V



DRAWN: Willie.Yue	DATED: 11-14-2011
CHECKED: <Checked By>	DATED: <Checked Date>
QUALITY CONTROL: <QC By>	DATED: <QC Date>
RELEASED: <Released By>	DATED: <Release Date>

COMPANY:				ANALOG DEVICES INC	
TITLE:					
EVAL-CN0254-SDPZ					
Multi-channel Data Acquisition System with isolated SPI port					
CODE:		SIZE:		DRAWING NO:	
<Code>		B		A	
SCALE: 1:1				SHEET: 4 of 5	

6

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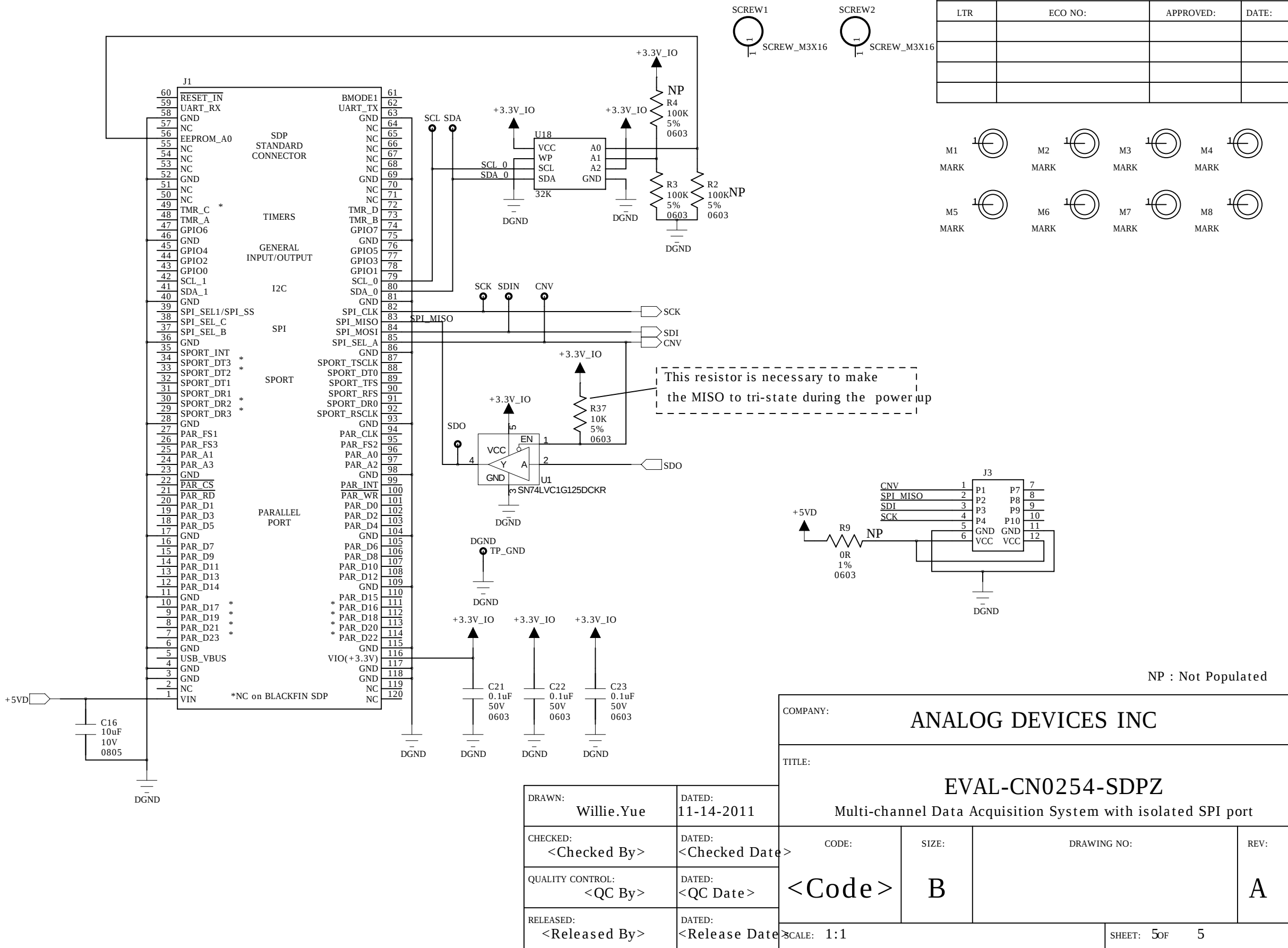
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This resistor is necessary to make the MISO to tri-state during the power up