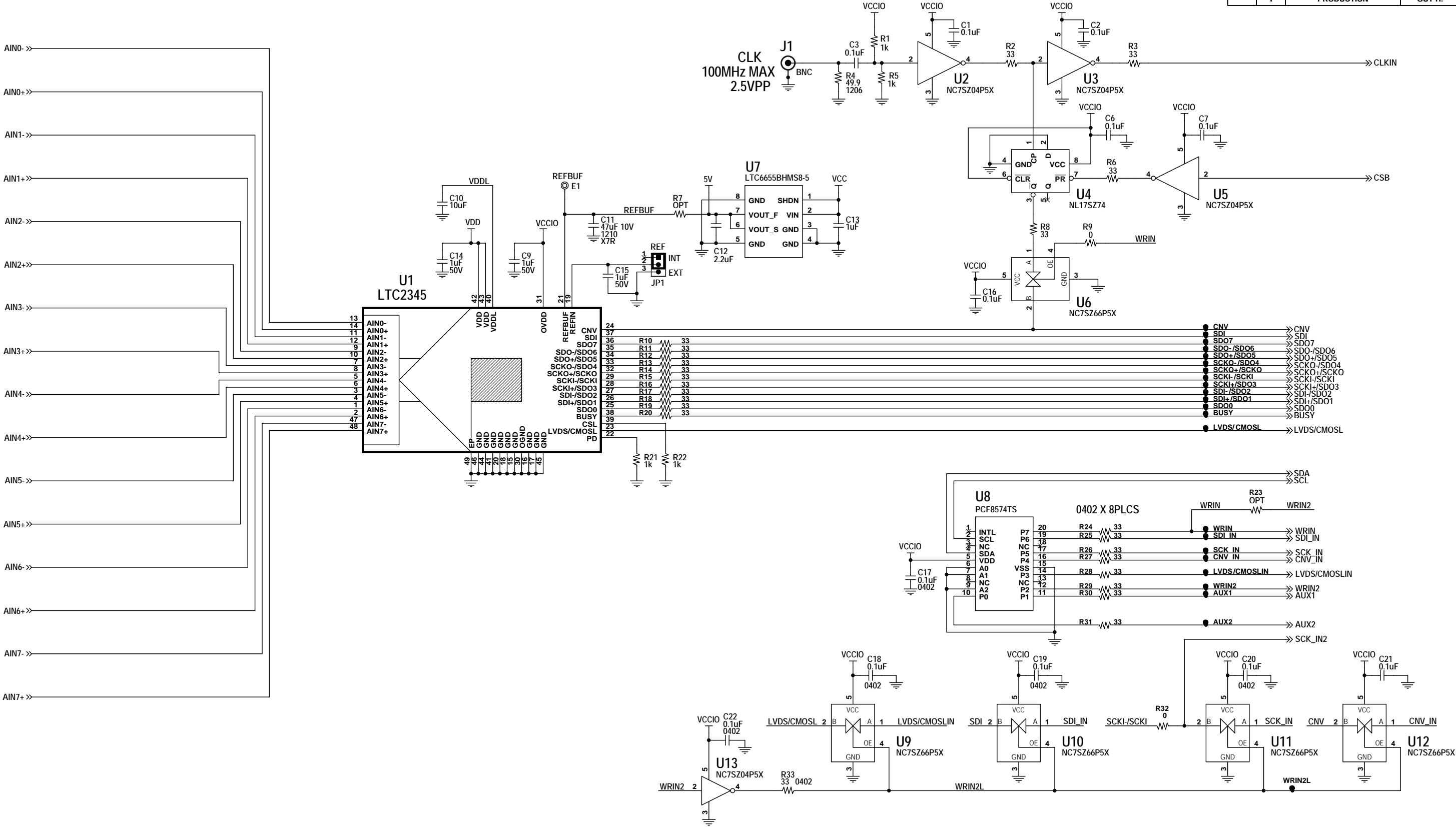


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
	1	PRODUCTION	GUY H.	02-29-16



NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL RESISTORS AND CAPACITORS ON THIS PAGE ARE 0603.

\*

ASSY	U1	SUFFIX	-Bit	Ksps	R61
A	LTC2345-18	45-18	18	200	0
B	LTC2345-16	45-16	16	200	OPT

**CUSTOMER NOTICE**

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THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.

APPROVALS

PCB DES. KIM T.

APP ENG. GUY H.

SCALE = NONE

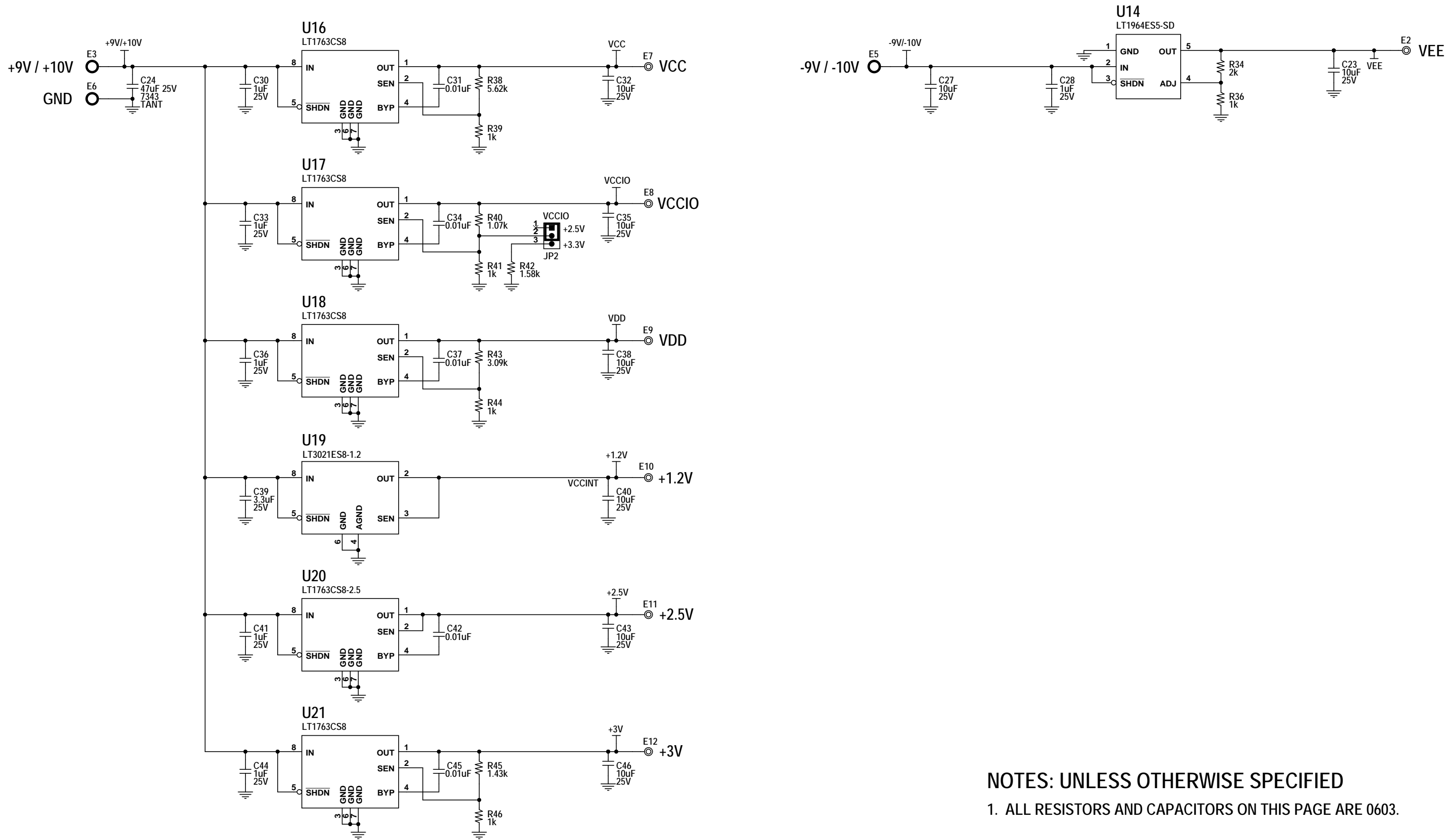


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TITLE: SCHEMATIC  
8-CHANNEL, SOFTSPAN, HIGH SPEED, SERIAL, SAR, ADC

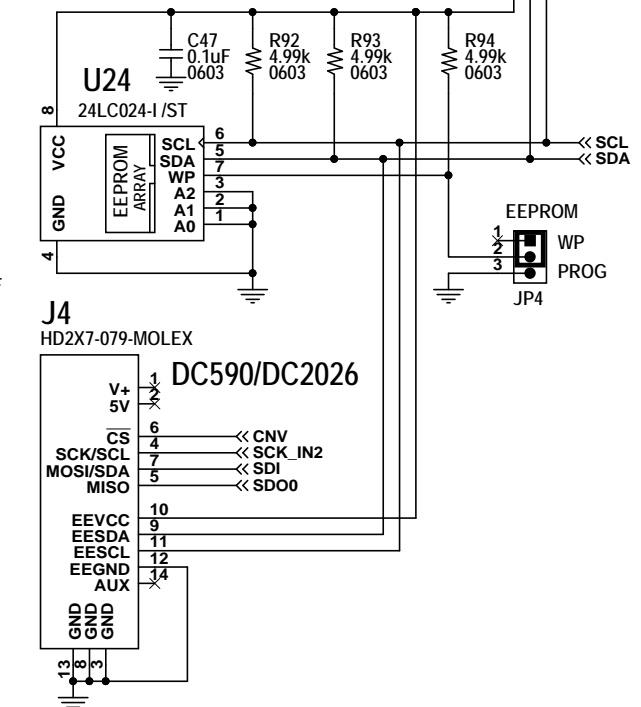
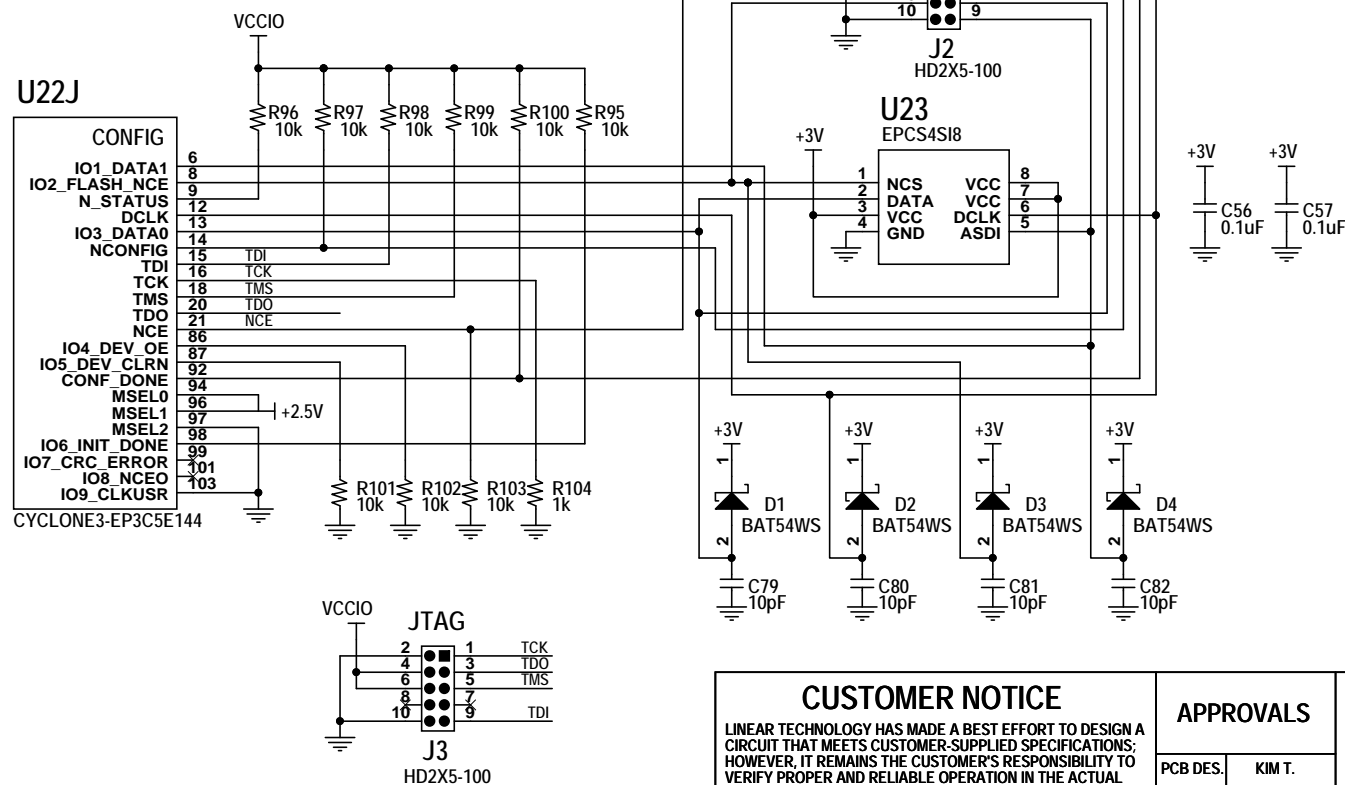
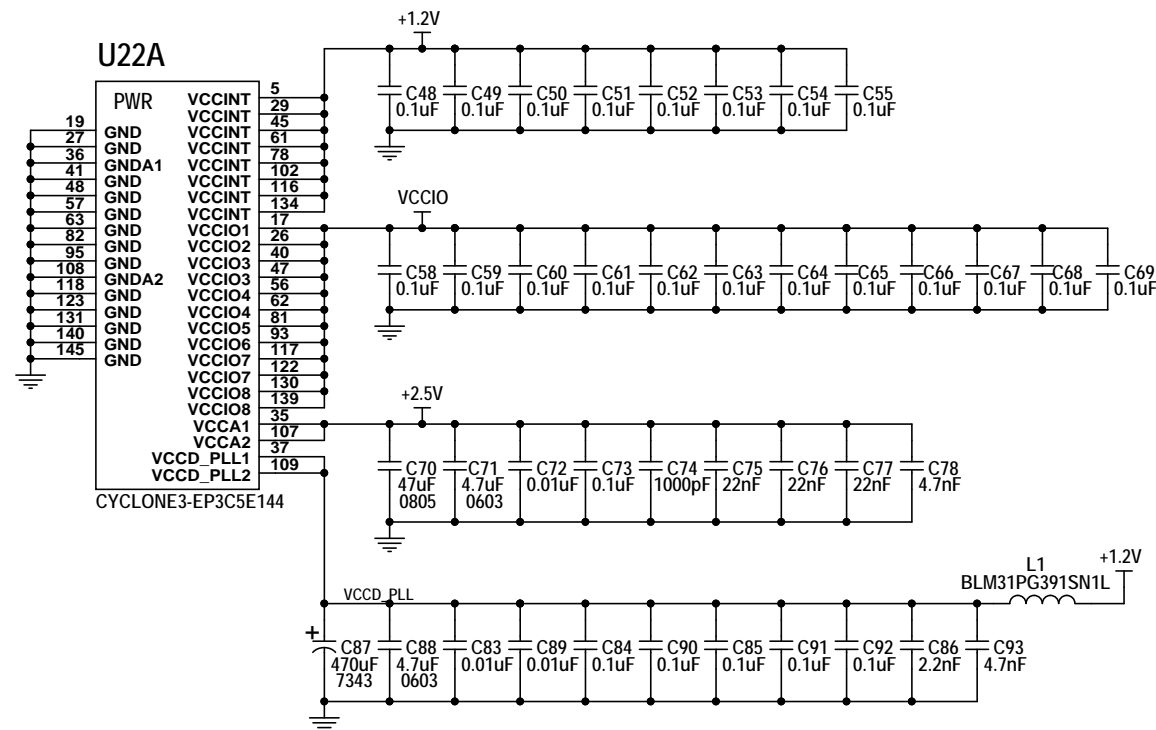
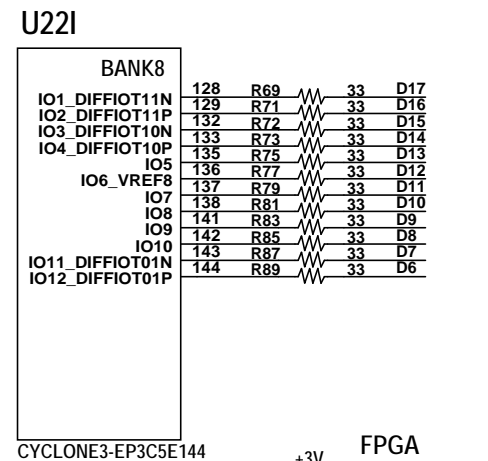
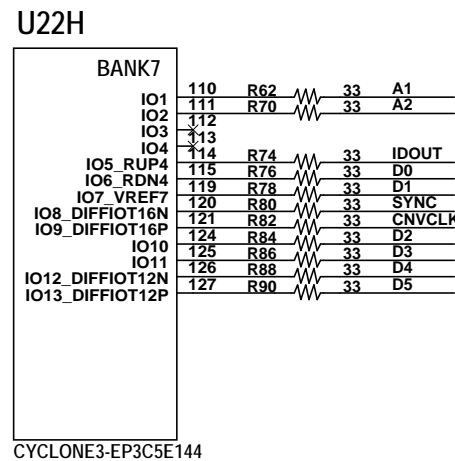
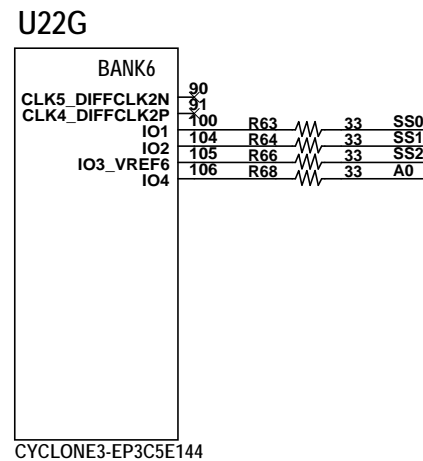
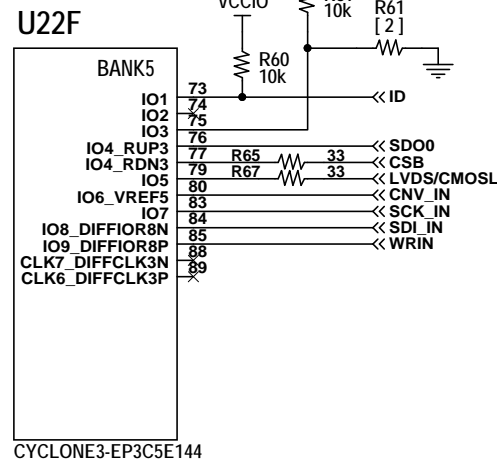
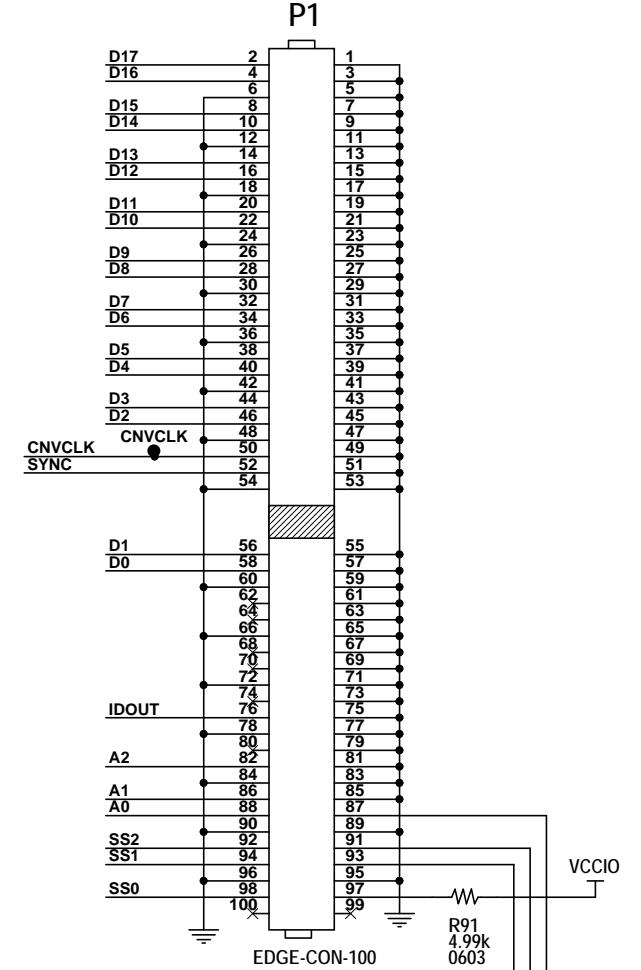
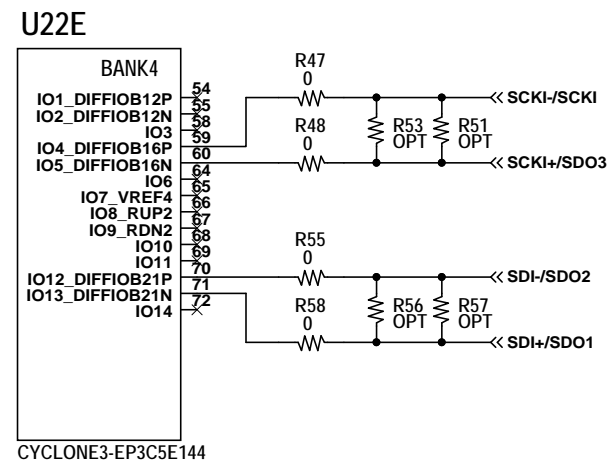
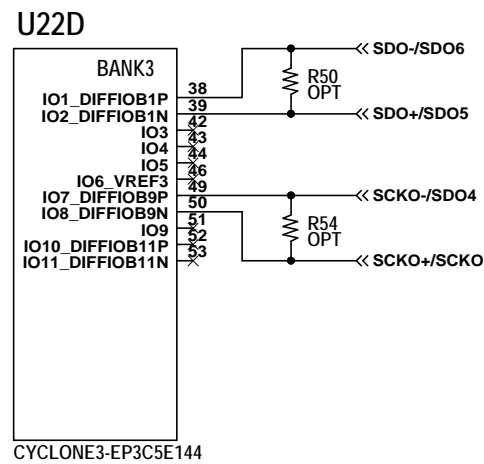
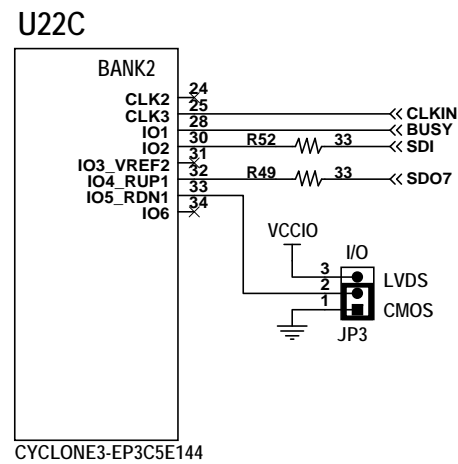
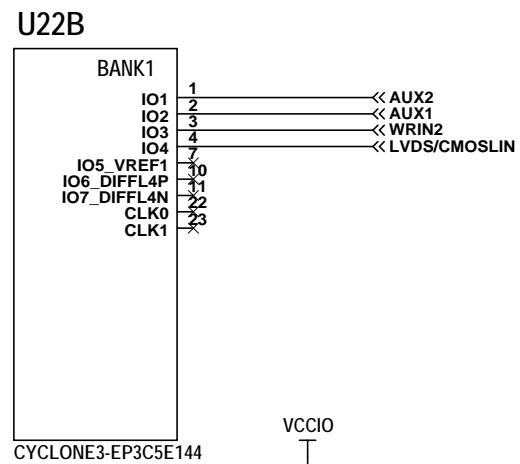
SIZE B IC NO. LTC2345IU-K FAMILY  
DEMO CIRCUIT 2326A REV. 1

DATE: Monday, February 29, 2016 SHEET 1 OF 4



NOTES: UNLESS OTHERWISE SPECIFIED  
1. ALL RESISTORS AND CAPACITORS ON THIS PAGE ARE 0603.

<div><div>CUSTOMER NOTICE</div><div>LINEAR TECHNOLOGY HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER-SUPPLIED SPECIFICATIONS; HOWEVER, IT REMAINS THE CUSTOMER'S RESPONSIBILITY TO VERIFY PROPER AND RELIABLE OPERATION IN THE ACTUAL APPLICATION. COMPONENT SUBSTITUTION AND PRINTED CIRCUIT BOARD LAYOUT MAY SIGNIFICANTLY AFFECT CIRCUIT PERFORMANCE OR RELIABILITY. CONTACT LINEAR TECHNOLOGY APPLICATIONS ENGINEERING FOR ASSISTANCE.</div></div>	<div>APPROVALS</div>		<div><div><div></div><div>LINEAR TECHNOLOGY</div></div><div>1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 <a href="http://www.linear.com">www.linear.com</a> Fax: (408)434-0507 LTC Confidential-For Customer Use Only</div></div>		
	PCB DES.	KIM T.			
	APP ENG.	GUY H.	TITLE: SCHEMATIC		
			8-CHANNEL, SOFTSPAN, HIGH SPEED, SERIAL, SAR, ADC		
			SIZE B	IC NO. LTC2345IUK FAMILY DEMO CIRCUIT 2326A	REV. 1
<div>THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.</div>	<div>SCALE = NONE</div>		DATE: Wednesday, February 17, 2016		SHEET 2 OF 4



NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL RESISTORS AND CAPACITORS ON THIS PAGE ARE 0402.
2. R61 IS 0 OHMS ON "A" ASSEMBLY TYPE AND OPTIONAL ON "B" ASSEMBLY TYPE.

## CUSTOMER NOTICE

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**THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND  
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## APPROVALS

PCB DES.	KIM T.
APP ENG.	GUY H.

SCALE = NONE



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	TITLE: SCHEMATIC
--	------------------

## 8-CHANNEL, SOFTSPAN, HIGH SPEED, SERIAL, SAR, ADC

SIZE  
B

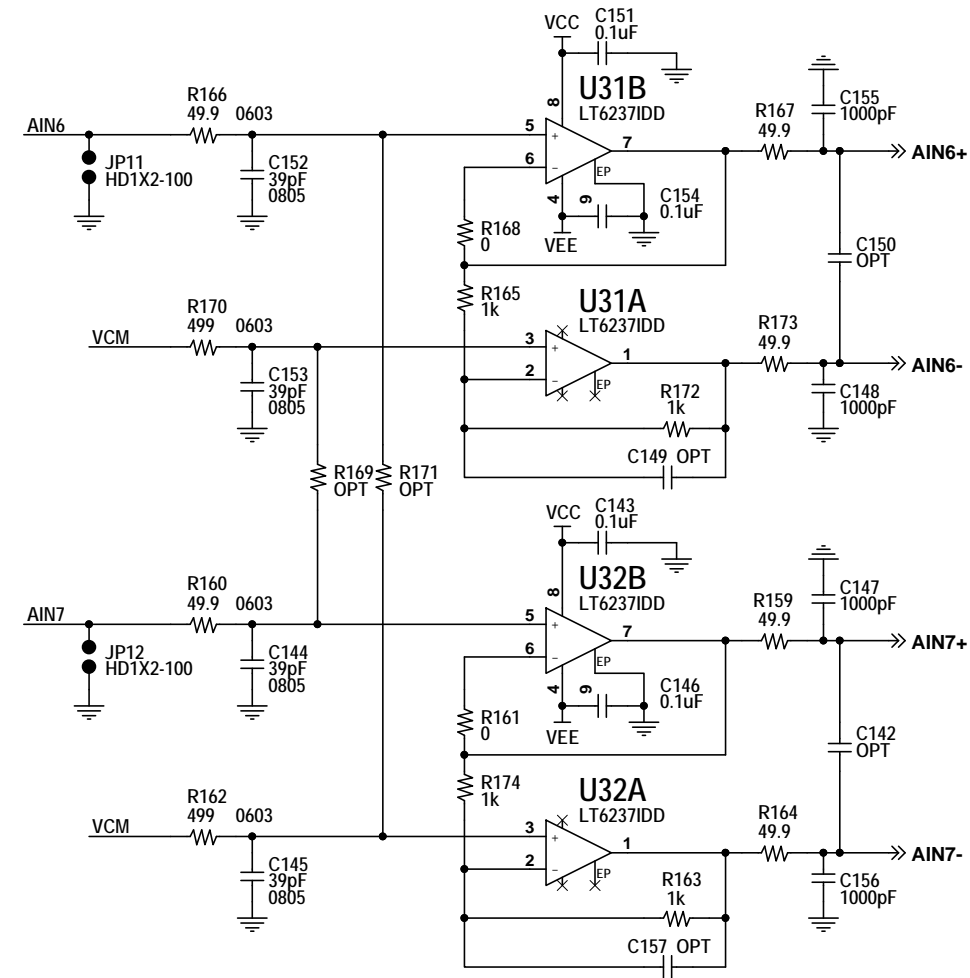
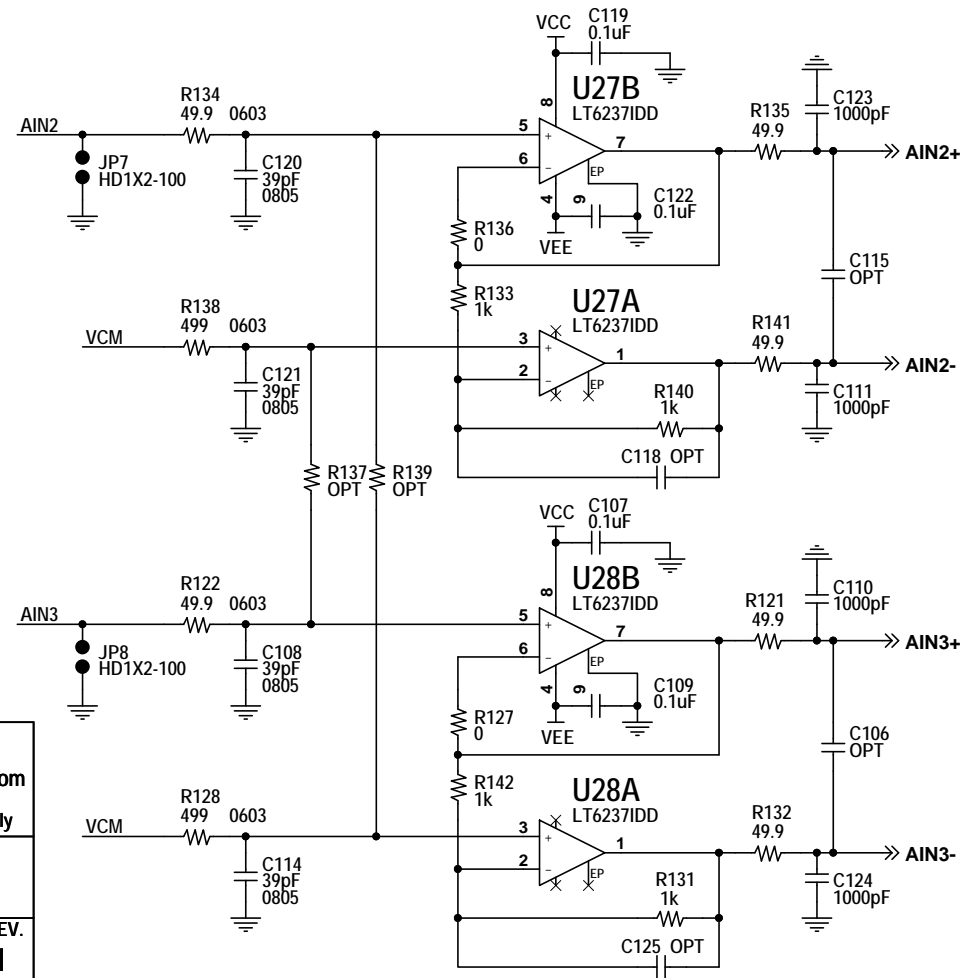
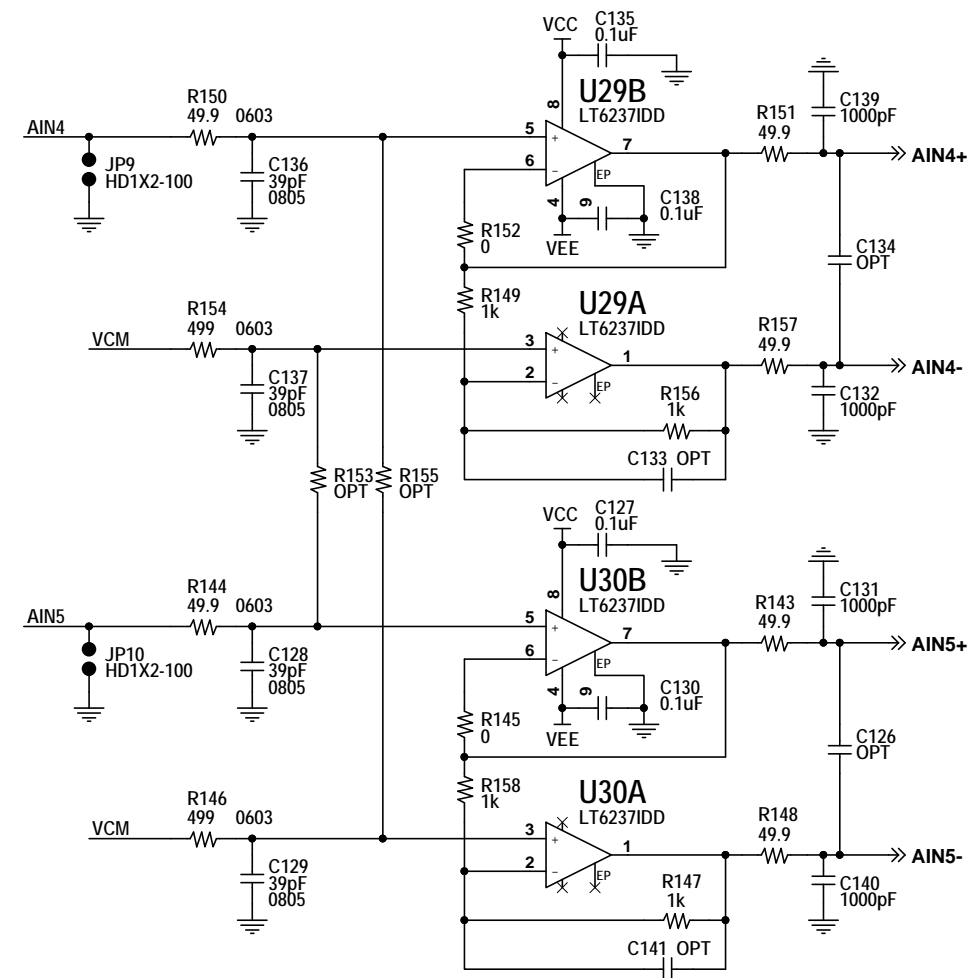
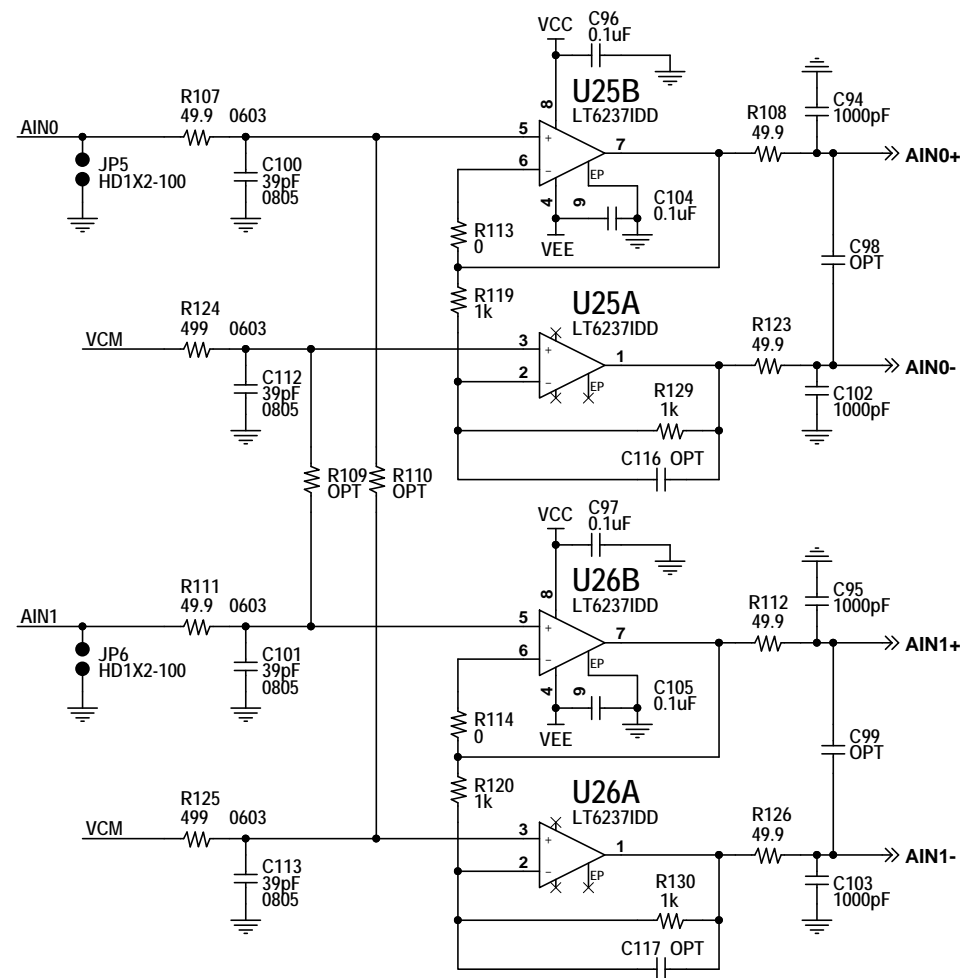
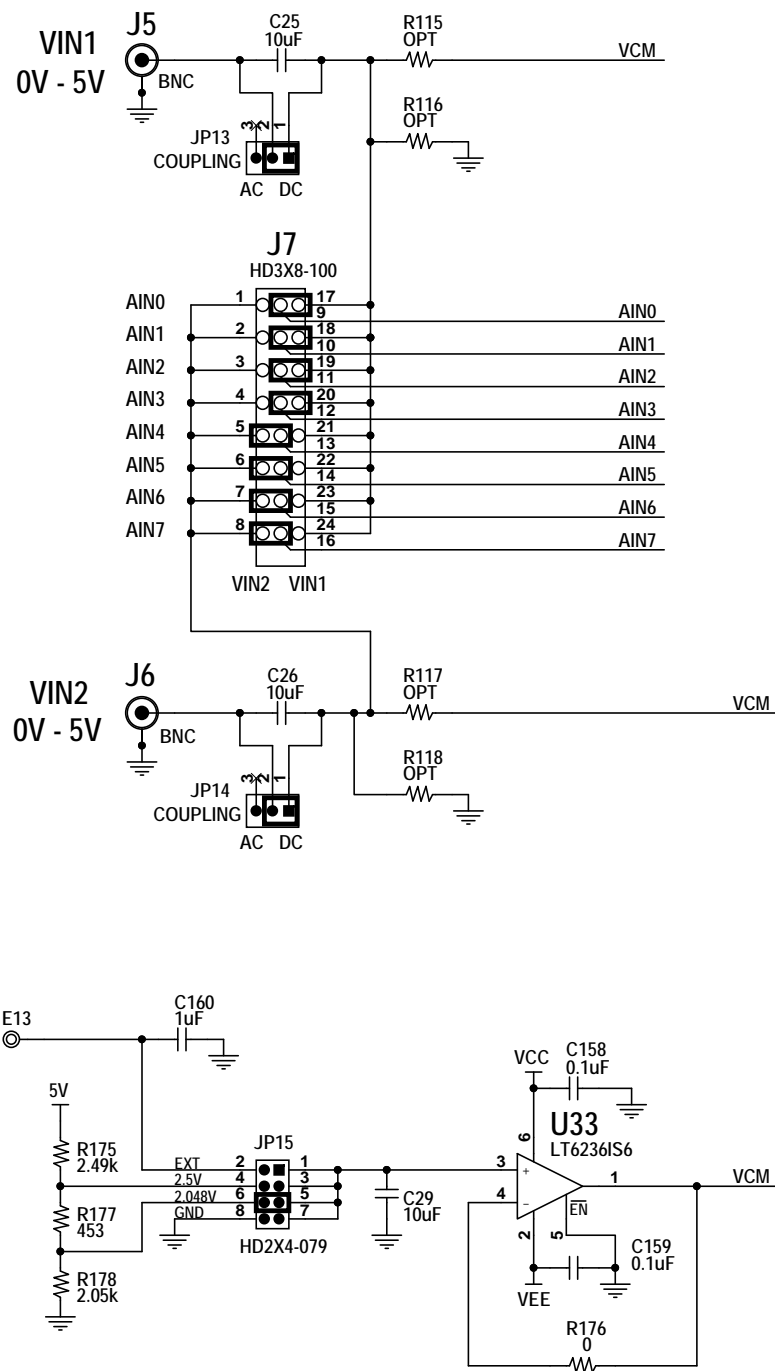
IC NO.	
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**LTC2345IUK FAMILY  
DEMO CIRCUIT 2326A**

**REV.**  
**1**

DATE: Tuesday, February 23, 2016

SHEET 3 OF 4



## NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL RESISTORS AND CAPACITORS ON THIS PAGE ARE 0402.

### CUSTOMER NOTICE

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### APPROVALS

PCB DES. KIM T.  
APP ENG. GUY H.

SCALE = NONE



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TITLE: SCHEMATIC

8-CHANNEL, SOFTSPAN, HIGH SPEED, SERIAL, SAR, ADC

SIZE  
B

IC NO.

LTC2345IUk FAMILY  
DEMO CIRCUIT 2326A

REV.  
1

DATE: Monday, February 29, 2016

SHEET 4 OF 4