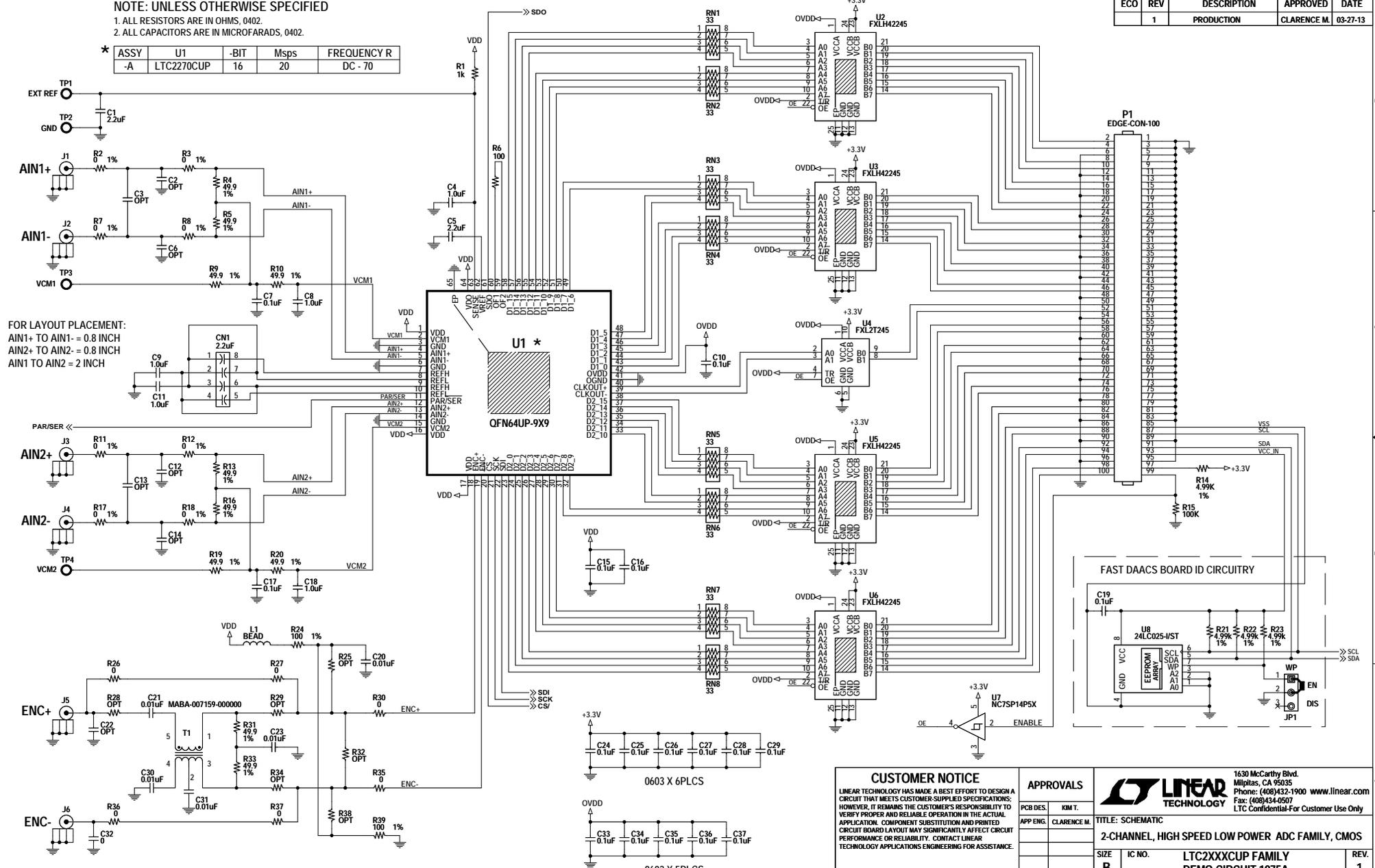


**NOTE: UNLESS OTHERWISE SPECIFIED**

1. ALL RESISTORS ARE IN OHMS, 0402.
2. ALL CAPACITORS ARE IN MICROFARADS, 0402.

ASSY	U1	-BIT	MSPS	FREQUENCY R
-A	LTC2270CUP	16	20	DC - 70



REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
	1	PRODUCTION	CLARENCE M.	03-27-13

FOR LAYOUT PLACEMENT:  
 AIN1+ TO AIN1- = 0.8 INCH  
 AIN2+ TO AIN2- = 0.8 INCH  
 AIN1 TO AIN2 = 2 INCH

**CUSTOMER NOTICE**

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.

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

**APPROVALS**

PCB DES.	KIM T.
APP ENG.	CLARENCE M.
SCALE = NONE	

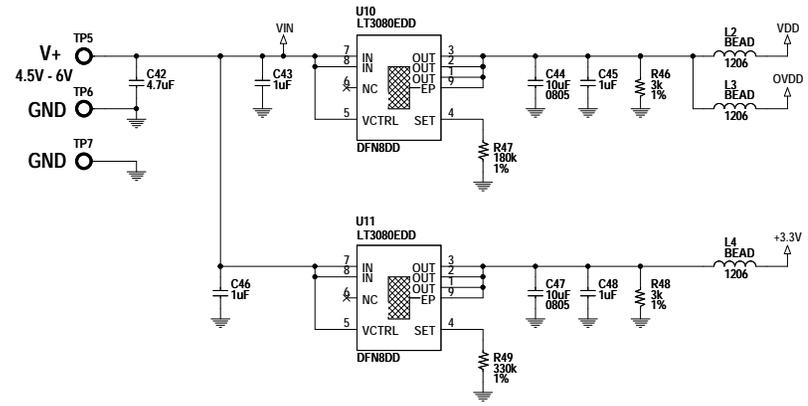
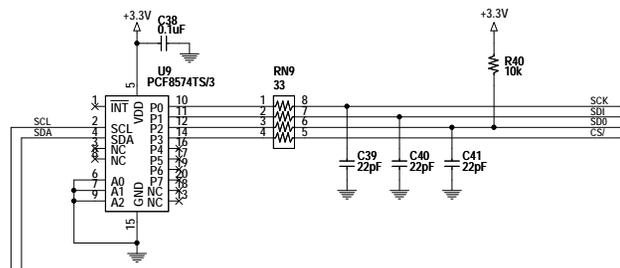
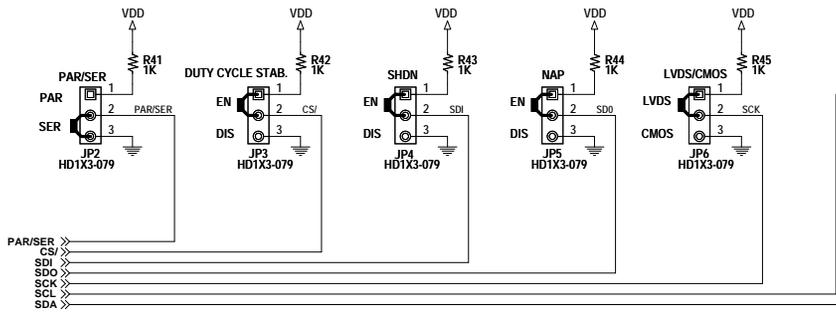


TITLE: SCHEMATIC

2-CHANNEL, HIGH SPEED LOW POWER ADC FAMILY, CMOS

SIZE	IC NO.	LTC2270CUP FAMILY	REV.
B		DEMO CIRCUIT 1975A	1

DATE: 03/27/2013, 10:51 AM SHEET 1 OF 2



NOTE: UNLESS OTHERWISE SPECIFIED - PAGE 2 OF 2  
 1. ALL RESISTORS ARE IN OHMS, 0603.  
 2. ALL CAPACITORS ARE IN MICROFARADS, 0603.

CUSTOMER NOTICE		APPROVALS		 1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 www.linear.com Fax: (408)434-0507 LTC Confidential-For Customer Use Only
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.		PCB DES.	KIM T.	
		APP ENG.	CLARENCE M.	SIZE IC NO. <b>LTC2XXXCUP FAMILY</b> <b>1</b>
THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.		SCALE = NONE	DATE: 03/27/2013, 10:47 AM	REV. <b>1</b> SHEET 2 OF 2