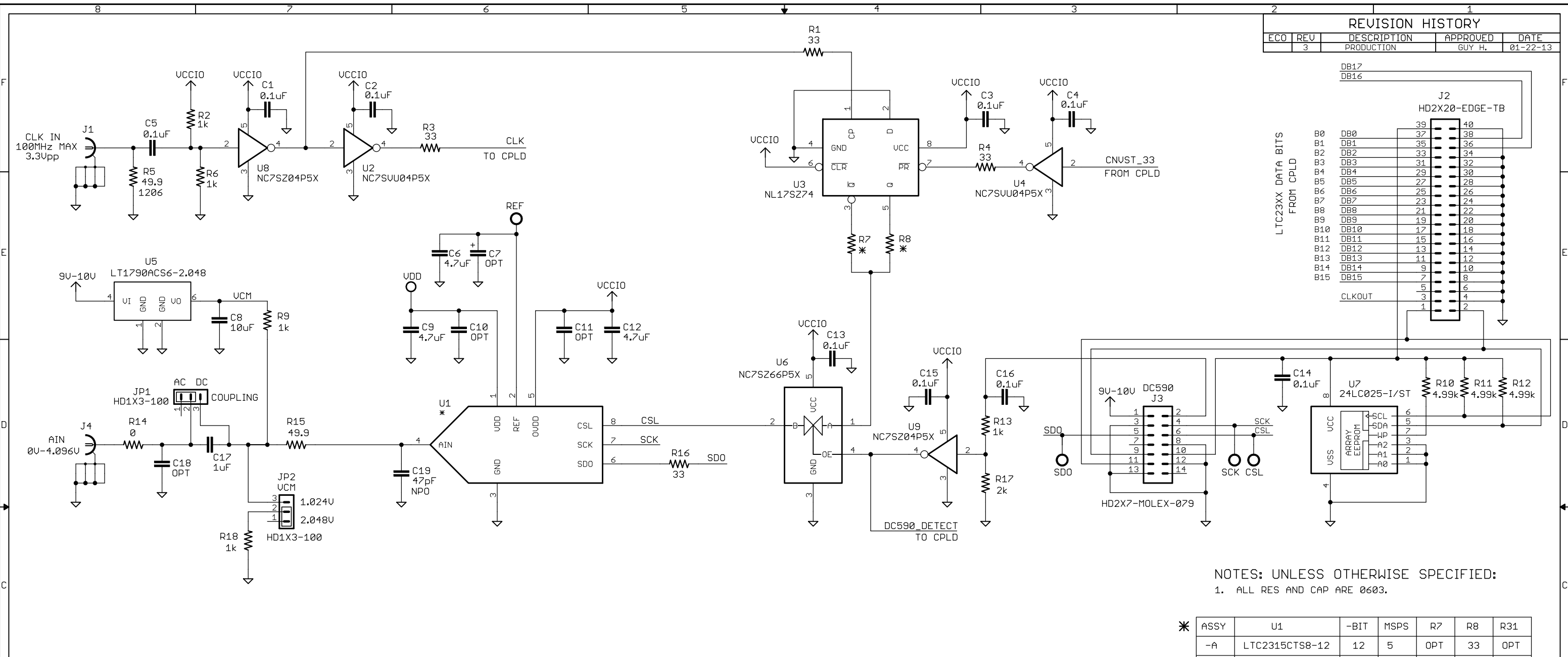
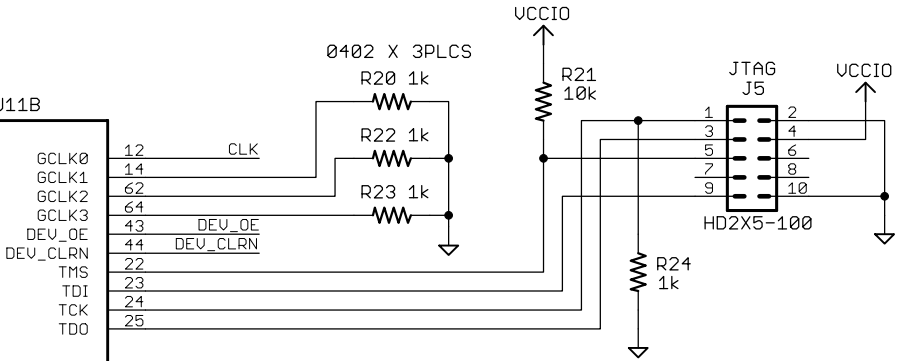
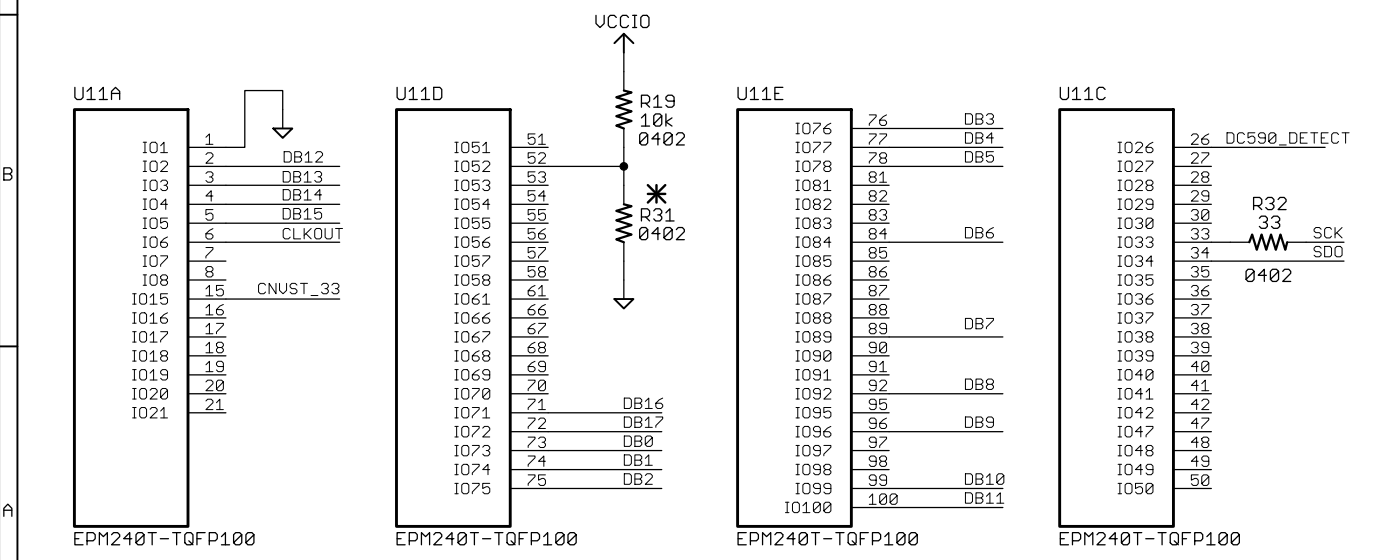


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
	3	PRODUCTION	GUY H.	01-22-13



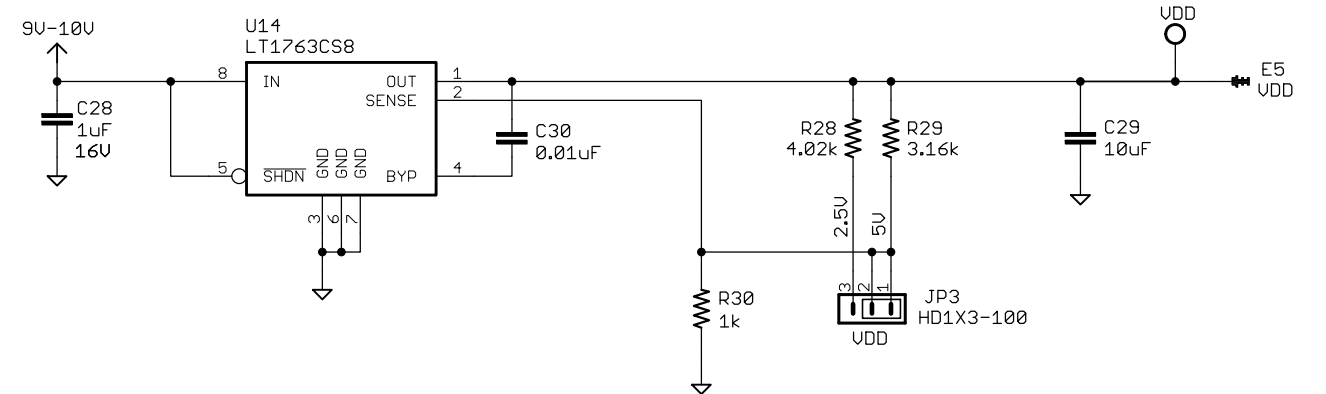
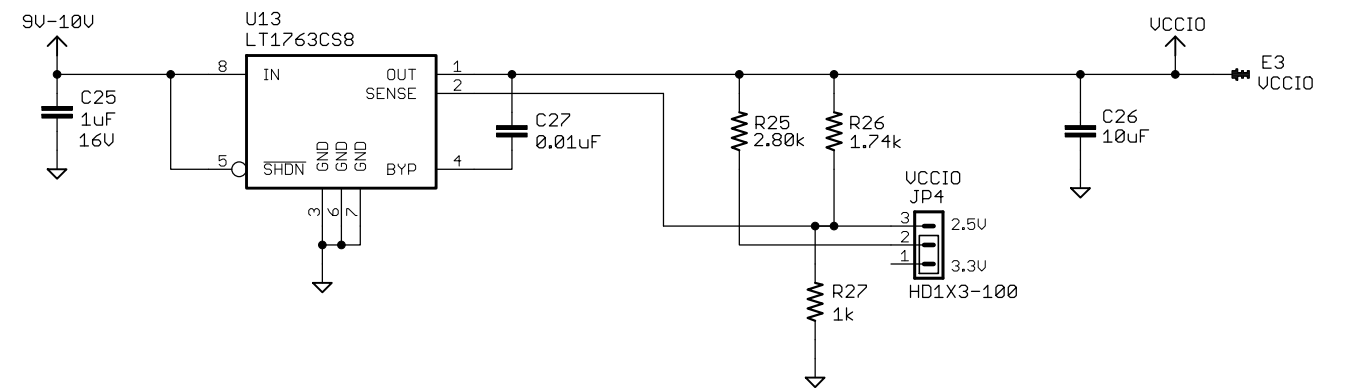
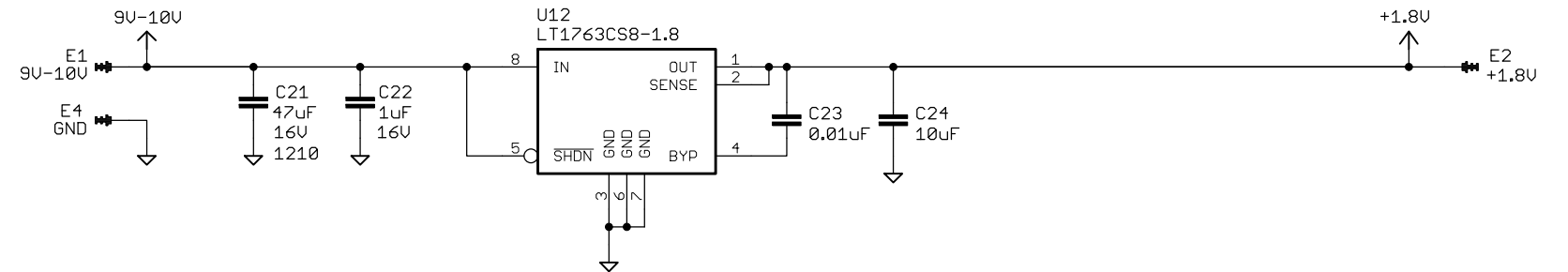
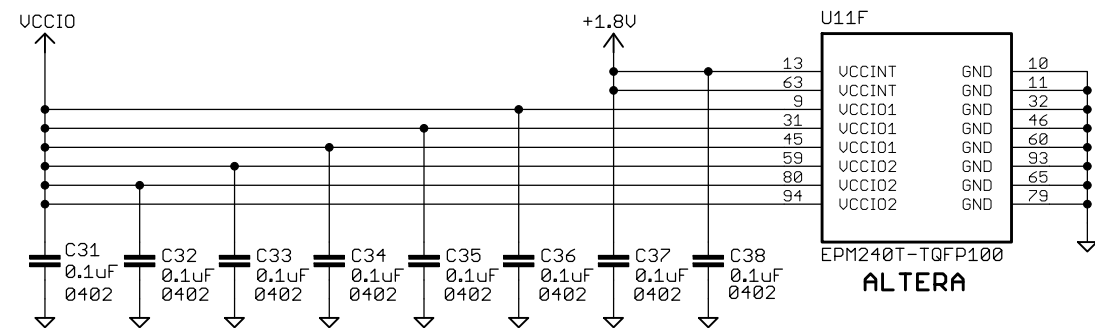
NOTES: UNLESS OTHERWISE SPECIFIED:
 1. ALL RES AND CAP ARE 0603.

* ASSY	U1	-BIT	MSPS	R7	R8	R31
-A	LTC2315CTS8-12	12	5	OPT	33	OPT
-B	LTC2313CTS8-12	12	2.5	33	OPT	OPT
-C	LTC2312CTS8-12	12	0.5	33	OPT	OPT
-F	LTC2314CTS8-14	14	4.5	OPT	33	330
-G	LTC2313CTS8-14	14	2.5	33	OPT	330
-H	LTC2312CTS8-14	14	0.5	33	OPT	330



CUSTOMER NOTICE		CONTRACT NO.	
LINEAR TECHNOLOGY HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER-SUPPLIED SPECIFICATIONS; HOWEVER, IT REMAINS THE CUSTOMERS 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		APPROVALS	
THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS		DRAWN: KIM T.	
		CHECKED: []	
		APPROVED: []	
		ENGINEER: GUY H.	
		DESIGNER: []	
FILENAME: DC1563A-3		DATE: 1/22/2013 3:38:32 PM	
		SHEET 1 OF 2	

		1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408) 432-1900 Fax: (408) 434-0507 LTC Confidential-For Customer Use Only	
		TITLE: SCHEMATIC 12/14-BIT HIGH SPEED SAR ADC	
SIZE: B	IC NO. DEMO CIRCUIT 1563A	REV: 3	
		LTC23XXCTS8 FAMILY	



NOTES: UNLESS OTHERWISE SPECIFIED:
1. ALL RES AND CAP ARE 0603.



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THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS		DRAWN: KIM T.	
		CHECKED: APPROVED:	
		ENGINEER: GUY H. DESIGNER:	
FILENAME: DC1563A-3		DATE: 1/22/2013 3:38:32 PM	
TITLE: SCHEMATIC		REV: 3	
SIZE: B		IC NO. DEMO CIRCUIT 1563A	
		LTC23XXCTS8 FAMILY	
SHEET 2 OF 2			

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