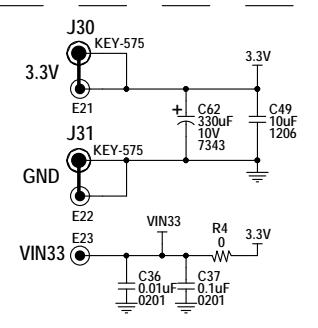
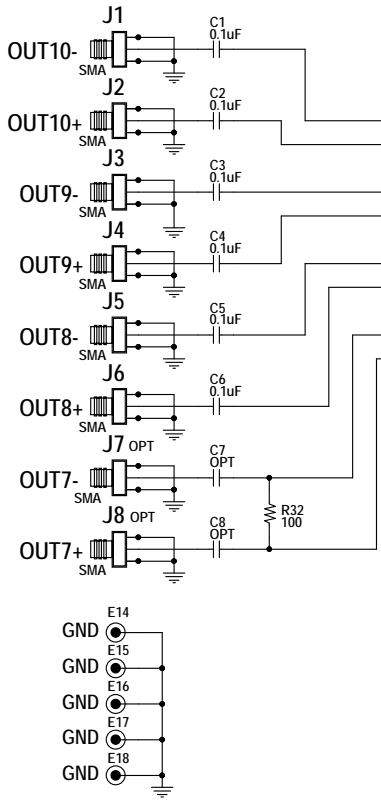
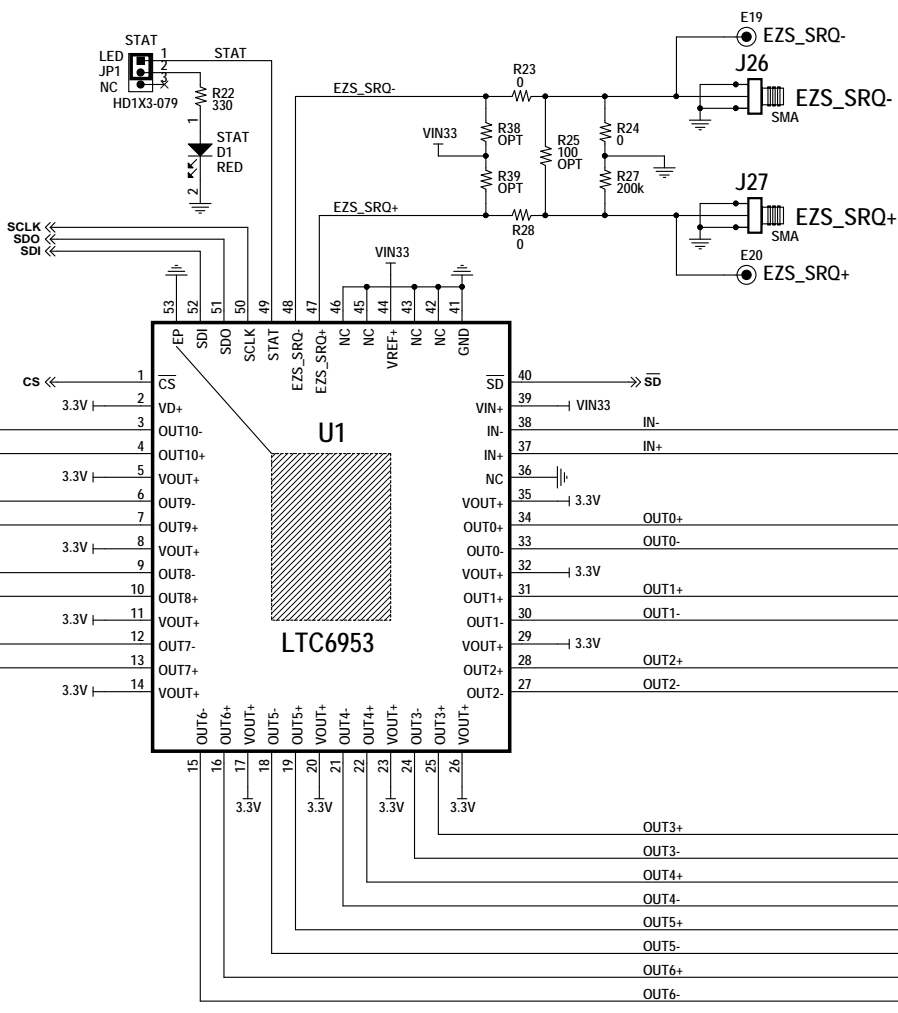
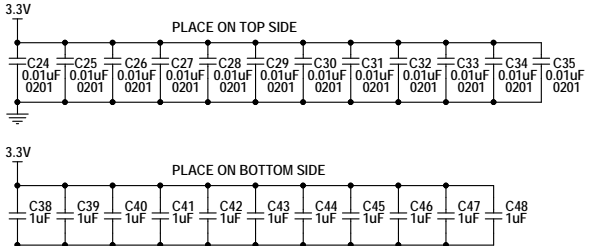


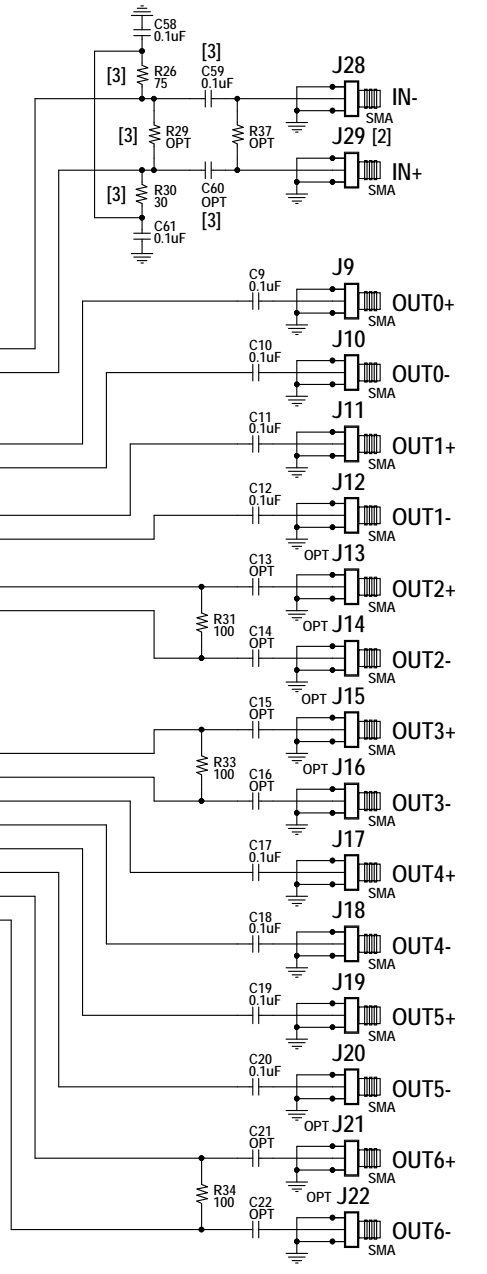
ALL INPUT AND OUTPUT CONNECTIONS ARE SAME LENGTH, 50 OHM CONTROLLED IMPEDANCE, USING 20 MIL TRACES, 20 MIL GAP.



3.3V SUPPLIES



REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	2	2ND PROTOTYPE	CHRIS P.	03-21-17



NOTES: UNLESS OTHERWISE SPECIFIED

- ALL RESISTORS AND CAPACITORS ARE 0402.
- J29 = INSTALLED BUT UNUSED.
- COMPONENTS WILL BE STUFFED WITH DEFAULT VALUES. OTHER VALUES ARE FOR LAB USED ONLY.

IN-/IN+ TERMINATIONS OPTIONS					
	R26	R29	R30	C59	C60
DIFFERENTIAL	OPT	160	OPT	0.1uF	0.1uF
S-E IN- (DEFAULT)	75	OPT	30	0.1uF	OPT
S-E IN+	30	OPT	75	OPT	0.1uF

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.

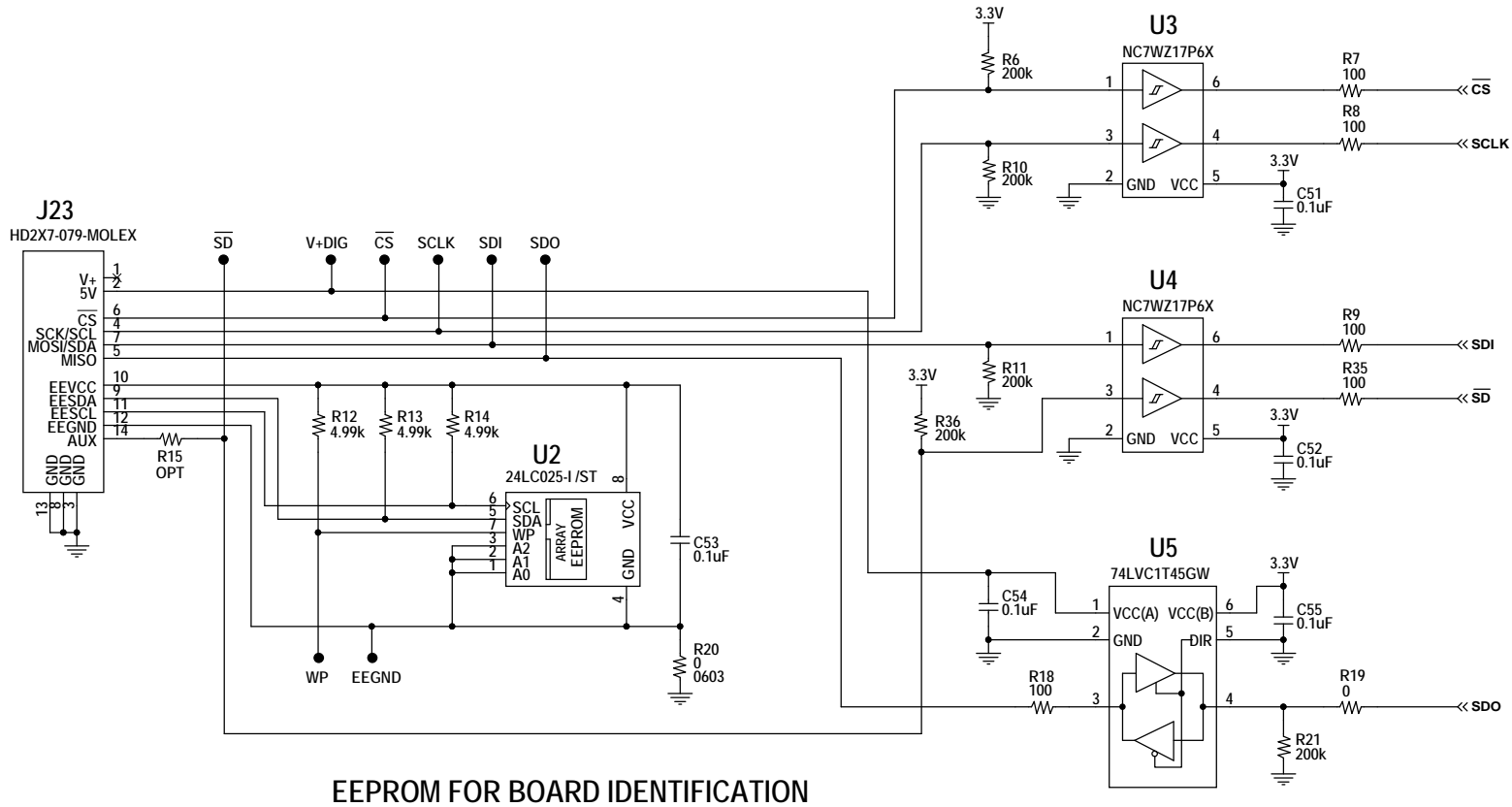
APPROVALS	
PCB DES.	KIM T.
APP ENG.	CHRIS P.

LINEAR TECHNOLOGY
 1630 McCarthy Blvd.
 Milpitas, CA 95035
 Phone: (408)432-1900 www.linear.com
 Fax: (408)434-0507
 LTC Confidential-For Customer Use Only

TITLE: SCHEMATIC
 ULTRALOW JITTER CLOCK DISTRIBUTOR WITH 11 OUTPUTS AND JESD204B SUPPORT

SIZE: N/A IC NO.: LTC6953IUKG
 DEMO CIRCUIT 2610A REV. 2

DC2026 (DC590) SPI INTERFACE



<p style="text-align: center;">CUSTOMER NOTICE</p> <p>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.</p>		APPROVALS		<p style="font-size: small; margin-top: 5px;">1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 www.linear.com Fax: (408)434-0507 LTC Confidential-For Customer Use Only</p>	
		PCB DES.	KIM T.		
APP ENG.	CHRIS P.	SIZE	IC NO.	REV.	
		N/A	LTC6953IUQG	2	
<p style="font-size: x-small;">THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.</p>		SCALE = NONE		DATE: Tuesday, March 21, 2017	
				SHEET 2 OF 2	