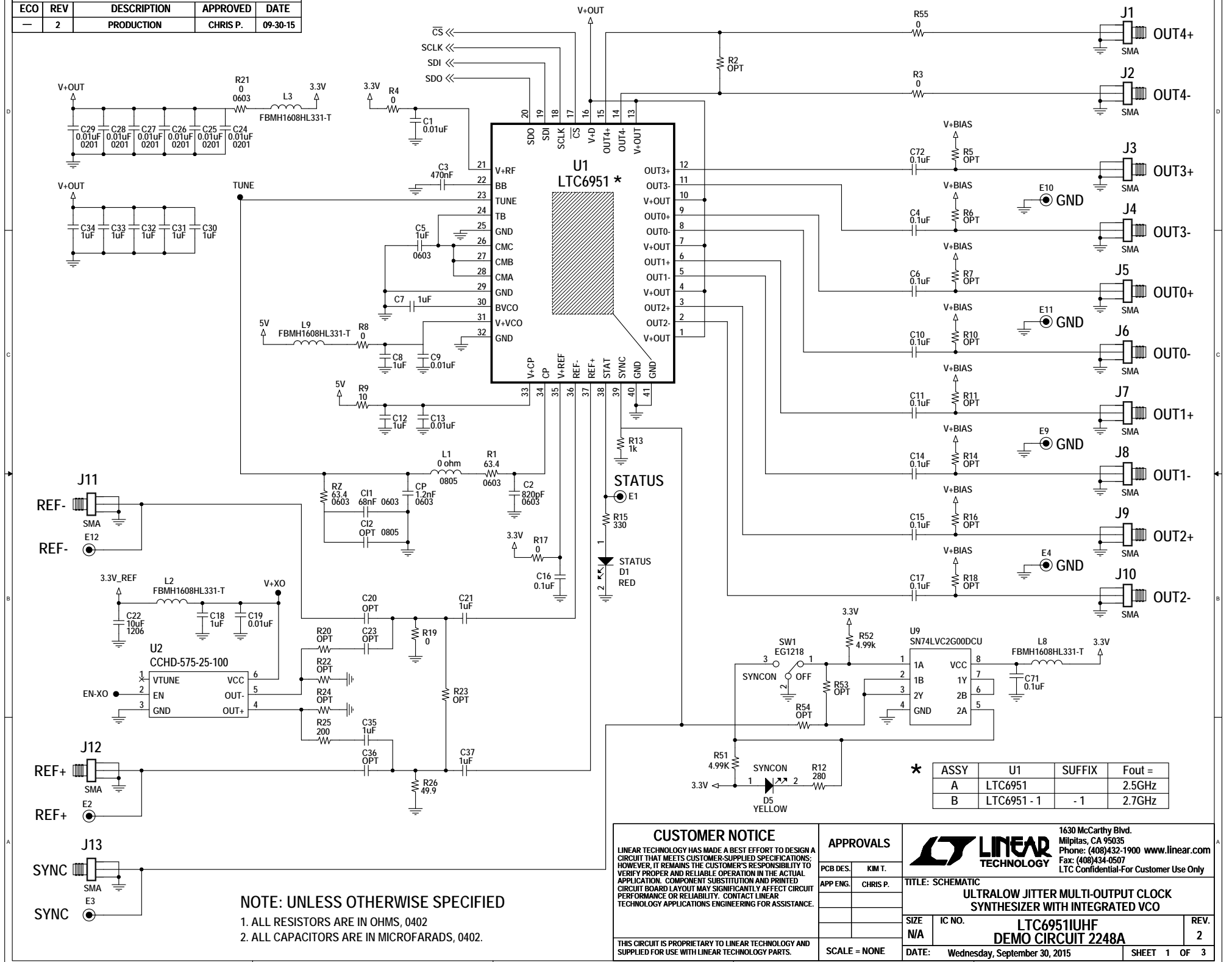


**REVISION HISTORY**

ECO	REV	DESCRIPTION	APPROVED	DATE
-	2	PRODUCTION	CHRIS P.	09-30-15



**NOTE: UNLESS OTHERWISE SPECIFIED**

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

**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.



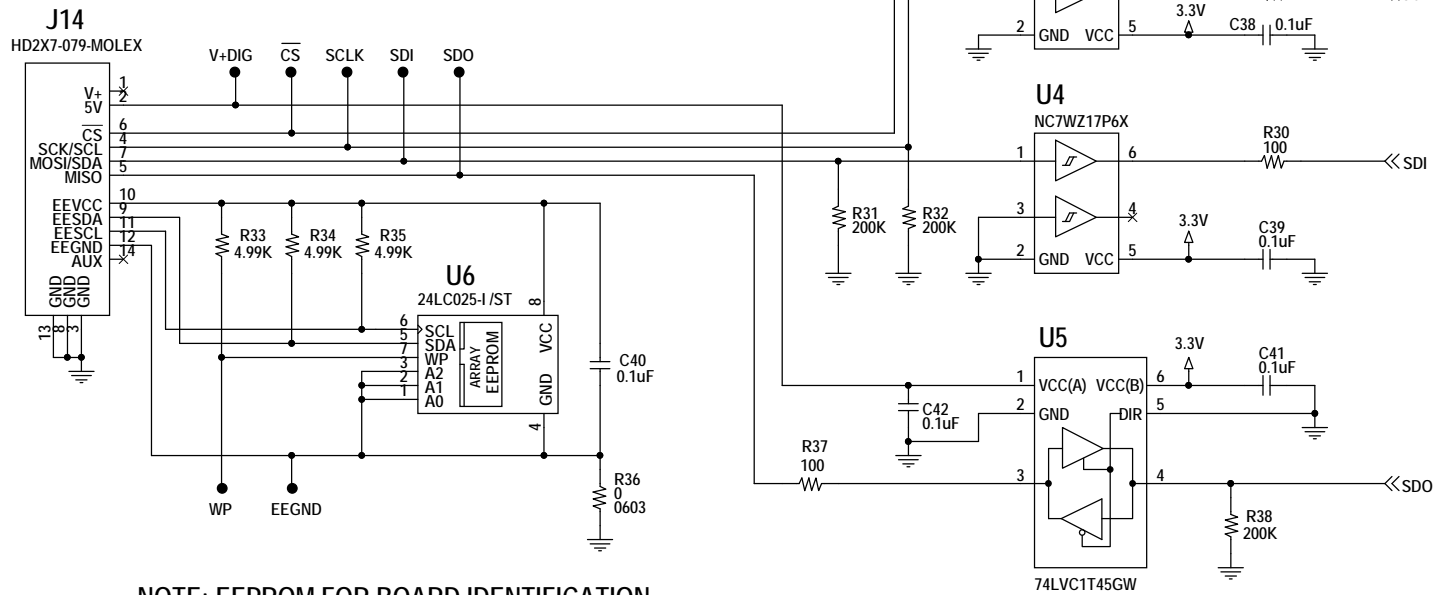
1630 McCarthy Blvd.  
 Milpitas, CA 95035  
 Phone: (408)432-1900 www.linear.com  
 Fax: (408)434-0507  
 LTC Confidential-For Customer Use Only

TITLE: SCHEMATIC			
ULTRALOW JITTER MULTI-OUTPUT CLOCK SYNTHESIZER WITH INTEGRATED VCO			
SIZE	IC NO.		
N/A	LTC6951IUHF	REV. 2	
DATE: Wednesday, September 30, 2015		SHEET 1 OF 3	

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

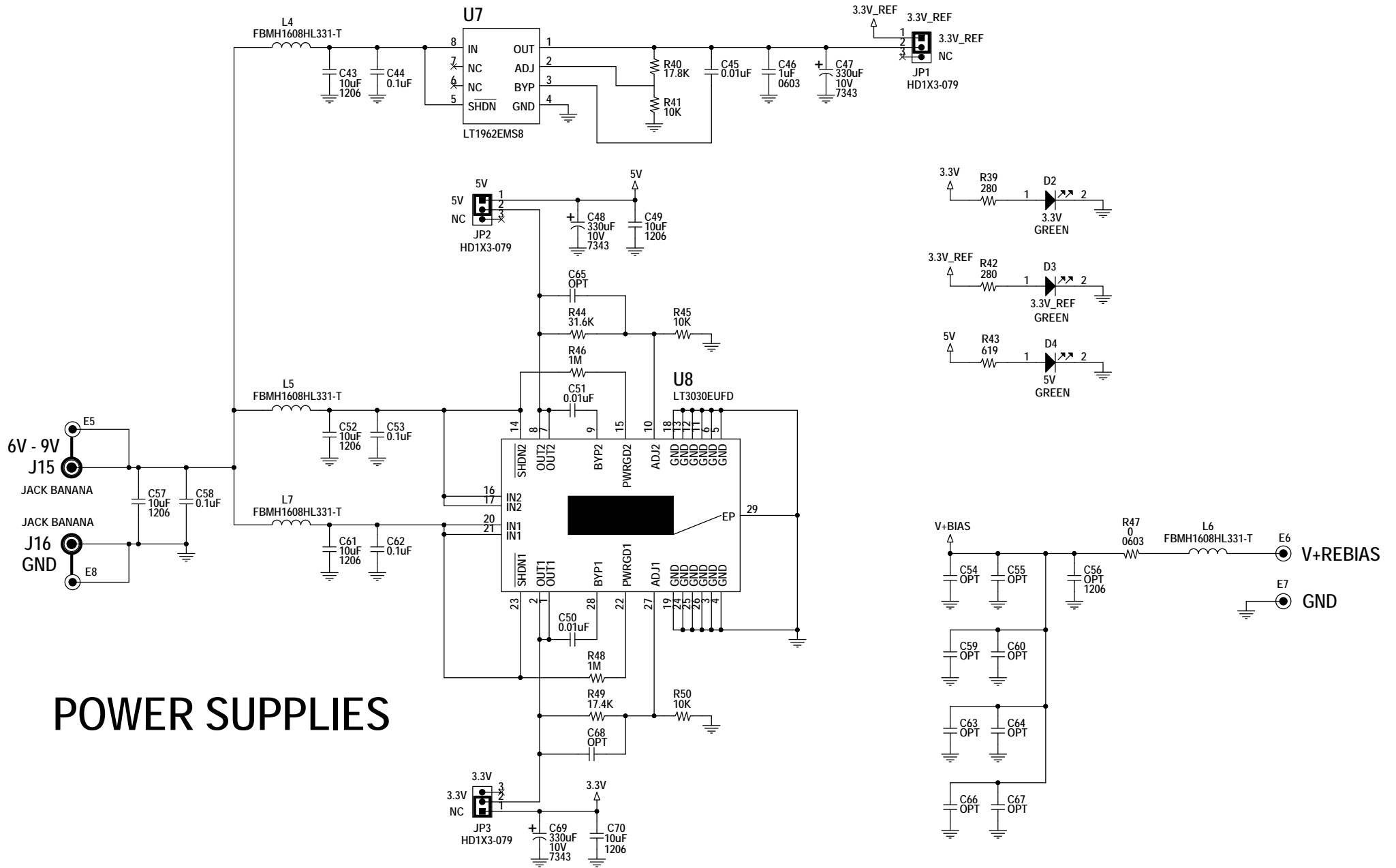
SCALE = NONE

# DC590 SPI INTERFACE



NOTE: EEPROM FOR BOARD IDENTIFICATION

CUSTOMER NOTICE		APPROVALS		LINEAR TECHNOLOGY			
<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>		PCB DES.	KIM T.	<p>1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 www.linear.com Fax: (408)434-0507 LTC Confidential-For Customer Use Only</p>			
		APP ENG.	CHRIS P.				
		<p>THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.</p>		<p>SCALE = NONE</p>		<p>TITLE: SCHEMATIC ULTRALOW JITTER MULTI-OUTPUT CLOCK SYNTHESIZER WITH INTEGRATED VCO</p>	
						<p>SIZE N/A</p>	<p>IC NO. LTC6951IUHF DEMO CIRCUIT 2248A</p>
				<p>DATE: Wednesday, September 30, 2015</p>		<p>SHEET 2 OF 3</p>	



# POWER SUPPLIES

## 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.	CHRIS P.
SCALE = NONE	

		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 <b>ULTRALOW JITTER MULTI-OUTPUT CLOCK SYNTHESIZER WITH INTEGRATED VCO</b>	
SIZE N/A	IC NO. <b>LTC6951IUHF</b>	REV. 2	
<b>DEMO CIRCUIT 2248A</b>		DATE: Wednesday, September 30, 2015	SHEET 3 OF 3