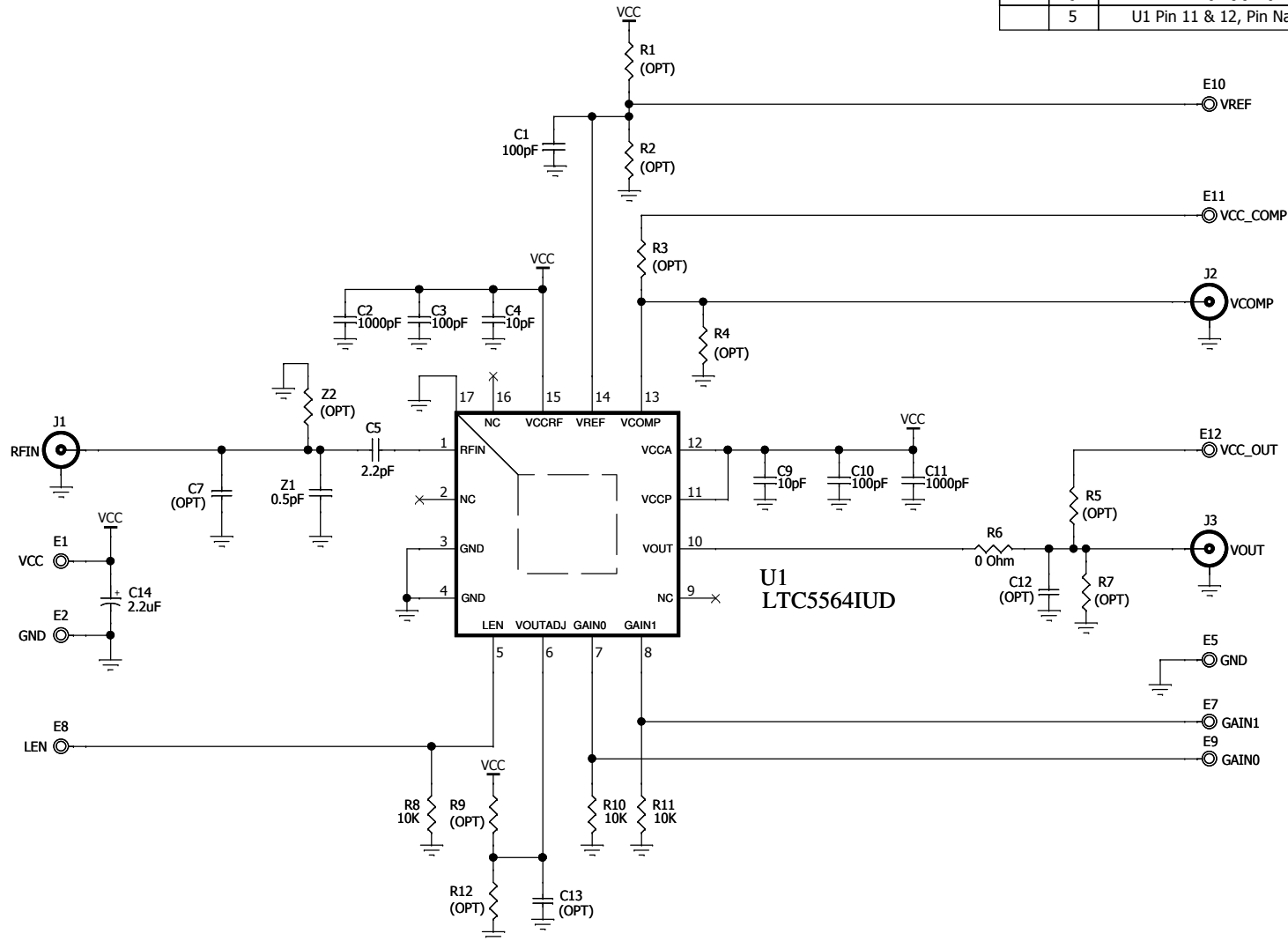



REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	3	PRODUCTION	VLAD D.	08/11/10
	5	U1 Pin 11 & 12, Pin Name Swap	John Chung	11/29/10



LTC5564 MATCHING CIRCUITS COMPONENTS AND VALUES.

FREQUENCY RANGE	C5		Z1		Z2	
	VALUE	MANUFACTURE #	VALUE	MANUFACTURE #	VALUE	MANUFACTURE #
1.7GHz to 3.1GHz	100pF	GJM1555C1H101JZ01	6.8nH	0402CS-6N8XGL		NO PLACEMENT
5.1 to 6.1 GHz	2.2pF	GJM1555C1H2R2CB01	0.5pF	GJM1555C1HR50BB01		NO PLACEMENT
7.0 to 8.5 GHz	0.5pF	GJM1555C1HR50BB01	0.3pF	GJM1555C1HR30BB01		NO PLACEMENT
8.3 to 10.2 GHz	0.2pF	GJM1555C1HR20BB01	0.1pF	GJM1555C1HR10BB01		NO PLACEMENT
11.9 to 12.2 GHz	10pF	GJM1555C1H100JB01	-	NO PLACEMENT	2.2pF	GJM1555C1H2R2CB01
14.9 to 16.5 GHz	2.2pF	GJM1555C1H2R2CB01	0.5pF	GJM1555C1HR50BB01		NO PLACEMENT

NOTE: CAPACITORS ARE MANUFACTURED BY MURATA;
INDUCTORS ARE MANUFACTURED BY COILCRAFT.

<p 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> <p>C:\PADS PROJECTS\1646A\SCH\1646A_REV5.DSN</p> <p>THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.</p>		<p align="center">APPROVALS</p> <p>PCB DES. <i>RB</i></p> <p>APP ENG. Vlad D.</p>		 <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>
		<p align="center">TITLE: SCHEMATIC</p> <p align="center">15GHz RF DETECTOR</p>		
<p>SCALE = NONE</p>		<p>DATE: Tuesday, November 30, 2010</p>		<p>SHEET 1 OF 1</p>