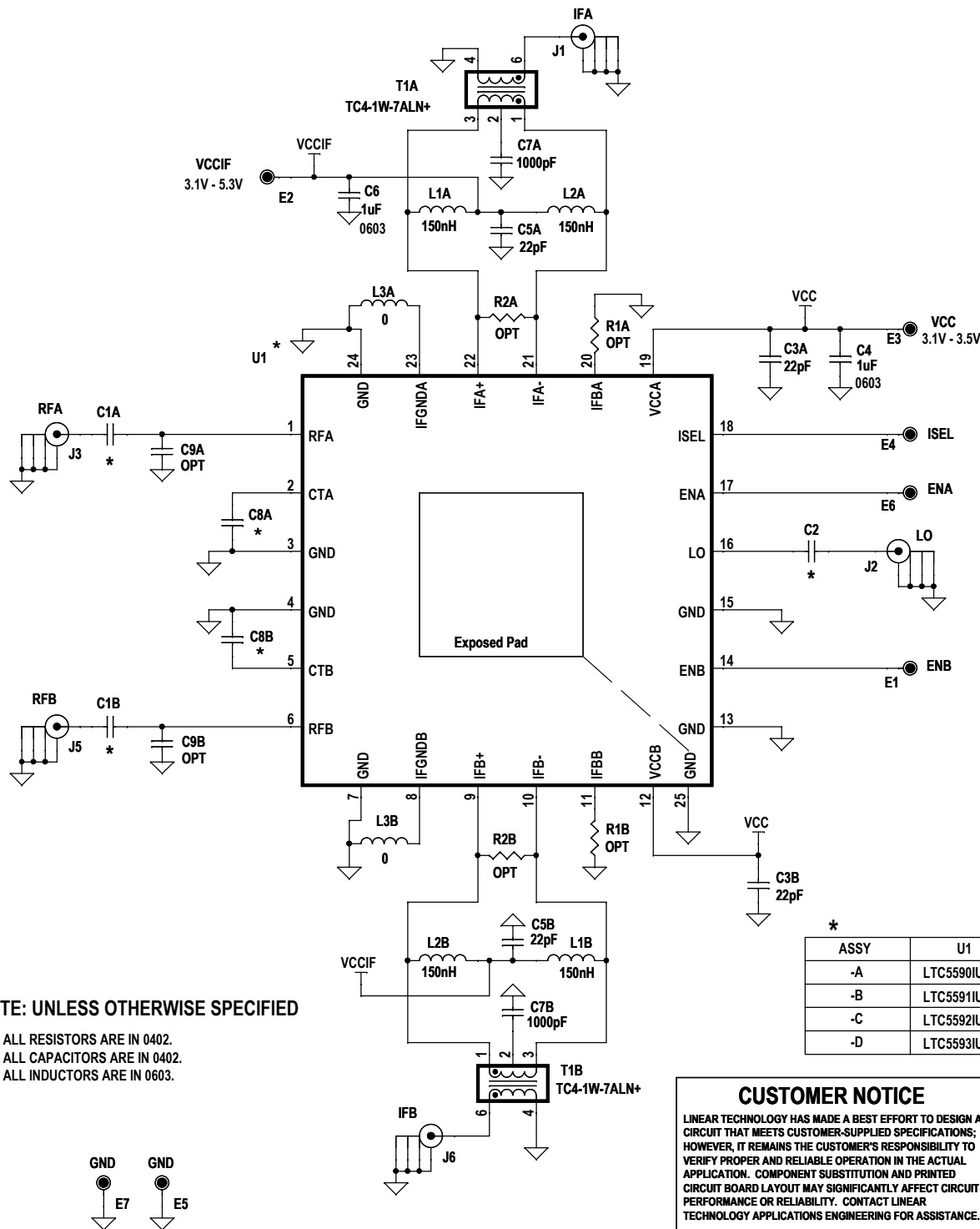


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
	2	PRODUCTION	SUNNY H.	04-28-11



NOTE: UNLESS OTHERWISE SPECIFIED

- ALL RESISTORS ARE IN 0402.
- ALL CAPACITORS ARE IN 0402.
- ALL INDUCTORS ARE IN 0603.

ASSY	U1	RFA, RFB	LO	IFA, IFB	C1A, C1B	C2	C8A, C8B
-A	LTC5590IUH	0.6 - 1.7GHz	0.7 - 1.5GHz	190MHz	100pF	10pF	OPT
-B	LTC5591IUH	1.3 - 2.3GHz	1.4 - 2.1GHz	190MHz	2.7pF	4.7pF	2.7pF
-C	LTC5592IUH	1.6 - 2.7GHz	1.7 - 2.5GHz	190MHz	22pF	2.2pF	4.7pF
-D	LTC5593IUH	2.3 - 4.5GHz	2.1 - 4.2GHz	190MHz	22pF	1.5pF	10pF

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.	JW
APP ENG.	SUNNY H.
SCALE = NONE	



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TITLE: SCHEMATIC		
DUAL HIGH DYNAMIC RANGE DOWN CONVERTING MIXER		
SIZE	IC NO.	REV.
N/A	LTC559XIUH DEMO CIRCUIT 1710A	2
DATE:	04-28-11	SHEET 1 OF 1