



* NOTE: Component values depend on board version.

VERSION	IF FREQ.	LO FREQ.	RF FREQ.	C1, C2	C9	C3	C8	L3	C14	Z1	C13
DC1545A-A	240MHz	2190MHz	1950MHz	82pF	33pF	4.7pF	—	2.4nH	1.5pF	0 Ohm	—
DC1545A-B	140MHz	760MHz	900MHz	220pF	39pF	—	1.8pF	12nH	—	5.6pF	2.7pF

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.

CONTRACT NO.

APPROVALS		DATE
DRAWN	HELEN Z.	4/07/09
CHECKED		
APPROVED		
ENGINEER	SUNNY H.	4/07/09
DESIGNER		



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TITLE			
LT5578IUH HIGH LINEARITY UPCONVERTING MIXER			
SIZE	CAGE CODE	DWG NO	REV
		DC1545A-A/B	A
SCALE:	FILENAME:	SHEET 1	OF 1

Thursday, September 03, 2009