



\* VERSION TABLE

ASSEMBLY TYPE	U1	R2, R6	C2	T1	INPUT FREQUENCY
DC782A-A	LTC2248UH	24.9 ohm	12pF	ETC1-1T	1MHz < A <sub>IN</sub> < 70MHz
DC782A-B	LTC2248UH	24.9 ohm	12pF	ETC1-1T	1MHz < A <sub>IN</sub> < 70MHz
DC782A-C	LTC2247UH	24.9 ohm	12pF	ETC1-1T	1MHz < A <sub>IN</sub> < 70MHz
DC782A-D	LTC2248UH	24.9 ohm	12pF	ETC1-1T	1MHz < A <sub>IN</sub> < 70MHz
DC782A-E	LTC2248UH	24.9 ohm	12pF	ETC1-1T	1MHz < A <sub>IN</sub> < 70MHz
DC782A-F	LTC2229UJH	24.9 ohm	12pF	ETC1-1T	1MHz < A <sub>IN</sub> < 70MHz
DC782A-G	LTC2228UJH	24.9 ohm	12pF	ETC1-1T	1MHz < A <sub>IN</sub> < 70MHz
DC782A-H	LTC2227UJH	24.9 ohm	12pF	ETC1-1T	1MHz < A <sub>IN</sub> < 70MHz
DC782A-J	LTC2226UJH	24.9 ohm	12pF	ETC1-1T	1MHz < A <sub>IN</sub> < 70MHz
DC782A-K	LTC2225UJH	24.9 ohm	12pF	ETC1-1T	1MHz < A <sub>IN</sub> < 70MHz
DC782A-L	LTC2223UJH	24.9 ohm	12pF	ETC1-1T	1MHz < A <sub>IN</sub> < 70MHz
DC782A-M	LTC2238UJH	24.9 ohm	12pF	ETC1-1T	1MHz < A <sub>IN</sub> < 70MHz
DC782A-N	LTC2237UJH	24.9 ohm	12pF	ETC1-1T	1MHz < A <sub>IN</sub> < 70MHz
DC782A-P	LTC2236UJH	24.9 ohm	12pF	ETC1-1T	1MHz < A <sub>IN</sub> < 70MHz
DC782A-Q	LTC2249UJH	12.4 ohm	8.2pF	ETC1-1-13	70MHz < A <sub>IN</sub> < 170MHz
DC782A-R	LTC2248UJH	12.4 ohm	8.2pF	ETC1-1-13	70MHz < A <sub>IN</sub> < 170MHz
DC782A-S	LTC2255UJH	12.4 ohm	8.2pF	ETC1-1-13	10MHz < A <sub>IN</sub> < 170MHz
DC782A-T	LTC2254UJH	12.4 ohm	8.2pF	ETC1-1-13	10MHz < A <sub>IN</sub> < 170MHz
DC782A-U	LTC2253UJH	12.4 ohm	8.2pF	ETC1-1-13	10MHz < A <sub>IN</sub> < 170MHz
DC782A-V	LTC2252UJH	12.4 ohm	8.2pF	ETC1-1-13	10MHz < A <sub>IN</sub> < 170MHz
DC782A-W	LTC2251UJH	12.4 ohm	8.2pF	ETC1-1-13	10MHz < A <sub>IN</sub> < 170MHz
DC782A-X	LTC2250UJH	12.4 ohm	8.2pF	ETC1-1-13	10MHz < A <sub>IN</sub> < 170MHz

**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 June Wu	3/23/04
CHECKED	
APPROVED	
ENGINEER Rich Reay	3/23/04
DESIGNER	

		<small>1630 McCarthy Blvd.          Milpitas, CA 95035          Phone: (408)632-1900          Fax: (408)634-6007</small>	
		TITLE	
		LTC2248 FAMILY, HIGH SPEED ADC	
SIZE	CAGE CODE	DWG NO	REV
		DC782A	A
SCALE:	FILENAME:	SHEET	OF
		1	1

Tuesday, March 01, 2005