



* VERSION TABLE

ASSEMBLY TYPE	U1	R2, R6	C2	T1	INPUT FREQUENCY
DC782A-A	LTC2249IUH	24.9 ohm	12pF	ETC1-1T	1MHz < A _{IN} < 70MHz
DC782A-B	LTC2248IUH	24.9 ohm	12pF	ETC1-1T	1MHz < A _{IN} < 70MHz
DC782A-C	LTC2247IUH	24.9 ohm	12pF	ETC1-1T	1MHz < A _{IN} < 70MHz
DC782A-D	LTC2246IUH	24.9 ohm	12pF	ETC1-1T	1MHz < A _{IN} < 70MHz
DC782A-E	LTC2245IUH	24.9 ohm	12pF	ETC1-1T	1MHz < A _{IN} < 70MHz
DC782A-F	LTC2229IUH	24.9 ohm	12pF	ETC1-1T	1MHz < A _{IN} < 70MHz
DC782A-G	LTC2228IUH	24.9 ohm	12pF	ETC1-1T	1MHz < A _{IN} < 70MHz
DC782A-H	LTC2227IUH	24.9 ohm	12pF	ETC1-1T	1MHz < A _{IN} < 70MHz
DC782A-J	LTC2226IUH	24.9 ohm	12pF	ETC1-1T	1MHz < A _{IN} < 70MHz
DC782A-K	LTC2225IUH	24.9 ohm	12pF	ETC1-1T	1MHz < A _{IN} < 70MHz
DC782A-L	LTC2239IUH	24.9 ohm	12pF	ETC1-1T	1MHz < A _{IN} < 70MHz
DC782A-M	LTC2238IUH	24.9 ohm	12pF	ETC1-1T	1MHz < A _{IN} < 70MHz
DC782A-N	LTC2237IUH	24.9 ohm	12pF	ETC1-1T	1MHz < A _{IN} < 70MHz
DC782A-P	LTC2236IUH	24.9 ohm	12pF	ETC1-1T	1MHz < A _{IN} < 70MHz
DC782A-Q	LTC2249IUH	12.4 ohm	8.2pF	ETC1-1-13	70MHz < A _{IN} < 170MHz
DC782A-R	LTC2248IUH	12.4 ohm	8.2pF	ETC1-1-13	70MHz < A _{IN} < 170MHz
DC782A-S	LTC2255IUH	12.4 ohm	8.2pF	ETC1-1-13	10MHz < A _{IN} < 170MHz
DC782A-T	LTC2254IUH	12.4 ohm	8.2pF	ETC1-1-13	10MHz < A _{IN} < 170MHz
DC782A-U	LTC2253IUH	12.4 ohm	8.2pF	ETC1-1-13	10MHz < A _{IN} < 170MHz
DC782A-V	LTC2252IUH	12.4 ohm	8.2pF	ETC1-1-13	10MHz < A _{IN} < 170MHz
DC782A-W	LTC2251IUH	12.4 ohm	8.2pF	ETC1-1-13	10MHz < A _{IN} < 170MHz
DC782A-X	LTC2250IUH	12.4 ohm	8.2pF	ETC1-1-13	10MHz < A _{IN} < 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	
Tuesday, March 01, 2005	

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TITLE: LTC2248 FAMILY, HIGH SPEED ADC

SIZE: CAGE CODE: DWG NO: DC782A REV A

SCALE: FILENAME: SHEET 1 OF 1