



* VERSION TABLE

ASSEMBLY TYPE	U1	R5,R9,R18,R24	C6,C31	T1,T2	INPUT FREQUENCY	Bits	Mbps
DC816A-A	Reserved	24.9 ohm	12pF	ETC1-T		14	65
DC816A-B	LTC2298IUP	24.9 ohm	12pF	ETC1-T	1 - 70MHz	14	40
DC816A-C	LTC2297IUP	24.9 ohm	12pF	ETC1-T	1 - 70MHz	14	25
DC816A-D	LTC2298IUP	24.9 ohm	12pF	ETC1-T	1 - 70MHz	14	25
DC816A-E	Reserved	24.9 ohm	12pF	ETC1-T		14	25
DC816A-F	Reserved	12.4 ohm	8.2pF	ETC1-1-13		14	65
DC816A-G	LTC2298IUP	12.4 ohm	8.2pF	ETC1-1-13	70 - 140MHz	14	65
DC816A-H	Reserved	24.9 ohm	12pF	ETC1-T		12	65
DC816A-I	LTC2293IUP	24.9 ohm	12pF	ETC1-T	1 - 70MHz	12	40
DC816A-J	LTC2292IUP	24.9 ohm	12pF	ETC1-T	1 - 70MHz	12	40
DC816A-K	LTC2291IUP	24.9 ohm	12pF	ETC1-T	1 - 70MHz	12	25
DC816A-L	Reserved	24.9 ohm	12pF	ETC1-T		12	25
DC816A-M	Reserved	12.4 ohm	8.2pF	ETC1-1-13		12	65
DC816A-N	LTC2293IUP	12.4 ohm	8.2pF	ETC1-1-13	70 - 140MHz	12	65

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.		DATE		 1650 McCarthy Blvd Milpitas, CA 95035 Phone: (408)438-1000 Fax: (408)438-0007
APPROVALS	DRAWN	June Wu	8/9/04	
CHECKED	APPROVED			
ENGINEER	DESIGNER	Rich Reay	8/9/04	
TITLE		LTC2298 FAMILY HIGH SPEED DUAL ADC		
SIZE	CAGE CODE	DWGNO	DC816A	REV A
Wednesday, December 08, 2004		SCALE	FILENAME	SHEET 1 OF 1