



* VERSION TABLE

ASSEMBLY TYPE	U1	U3	OML DATA RATE	ADC SAMPLE RATE	C1	C2,C3	L1	R5,R19	T3	Input Frequency
DC1151AC	LTC2274CUJ	TLK2501	1.5 - 2.5 GHz	105Mpps	4.7pF	8.2pF	56nH	86.6 ohm	MABA-007159	1MHz - 70MHz
DC1151AD	LTC2274CUJ	TLK2501	1.5 - 2.5 GHz	105Mpps	1.8pF	3.9pF	18nH	43.2 ohm	WBC1-1LB	70MHz - 140MHz
DC1151AE	LTC2274CUJ	TLK2501	1.5 - 2.5 GHz	90Mpps	4.7pF	8.2pF	56nH	86.6 ohm	MABA-007159	1MHz - 70MHz
DC1151AF	LTC2274CUJ	TLK2501	1.5 - 2.5 GHz	80Mpps	1.8pF	3.9pF	18nH	43.2 ohm	WBC1-1LB	70MHz - 140MHz
DC1151AG	LTC2274CUJ	TLK1501	0.6 - 1.5 GHz	65Mpps	4.7pF	8.2pF	56nH	86.6 ohm	MABA-007159	1MHz - 70MHz
DC1151AH	LTC2274CUJ	TLK1501	0.6 - 1.5 GHz	65Mpps	1.8pF	3.9pF	18nH	43.2 ohm	WBC1-1LB	70MHz - 140MHz

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 APPLICATION ENGINEERING FOR ASSISTANCE.

THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.

CONTRACTING

APPROVALS: _____ DATE: _____

DESIGNER: _____

DATE: _____

SCALE: _____ FILENAME: _____ SHEET 1 OF 1

LINEAR TECHNOLOGY

LTC2274CUJ FAMILY, 16-BIT HIGH SPEED SERIAL ADC

DC1151A