

The specifications for the **LT[®]1182** series have been revised to include an Industrial grade part. For complete specifications, typical performance curves and applications information, please see the **LT1182/LT1183/LT1184/LT1184F** data sheet.

 LTC and LT are registered trademarks of Linear Technology Corporation.

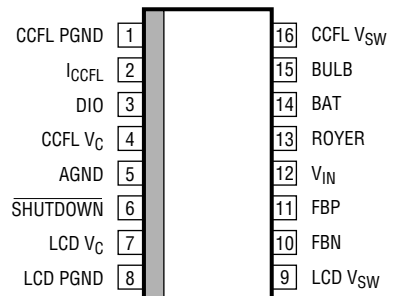
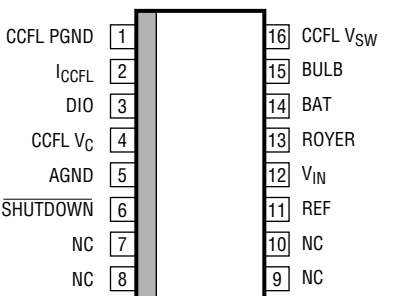
ABSOLUTE MAXIMUM RATINGS

Operating Junction Temperature Range

Commercial 0°C to 100°C

Industrial -40°C to 100°C

PACKAGE/ORDER INFORMATION

TOP VIEW  S PACKAGE 16-LEAD PLASTIC SO T_{JMAX} = 100°C, θ_{JA} = 100°C/W	ORDER PART NUMBER LT1182CS LT1182IS	TOP VIEW  S PACKAGE 16-LEAD PLASTIC SO T_{JMAX} = 100°C, θ_{JA} = 100°C/W	ORDER PART NUMBER LT1184FCS LT1184FIS
---	---	--	---

ELECTRICAL CHARACTERISTICS

T_A = 25°C, V_{IN} = 5V, BAT = Royer = Bulb = 12V, I_{CCFL} = SHUTDOWN = CCFL V_{SW} = Open, DIO = GND, CCFL V_C = 0.5V, (LT1182/LT1183) LCD V_C = 0.5V, LCD V_{SW} = Open, (LT1182) FBN = FBP = GND, (LT1183) FB = GND, (LT1183/LT1184/LT1184F) REF = Open, unless otherwise specified.

SYMBOL	PARAMETER	CONDITIONS	MIN	TYP	MAX	UNITS
	Δ CCFL V _C Source Current for Δ I _{CCFL} Programming Current	I _{CCFL} = 25 μ A, 50 μ A, 75 μ A, 100 μ A, CCFL V _C = 1.5V T _J < 0°C	● 4.70 ● 4.60	4.95	5.20 5.20	μ A/ μ A
	CCFL High-Side Sense Servo Current	I _{CCFL} = 100 μ A, I _{V_C} = 0 μ A at CCFL V _C = 1.5V T _J < 0°C	● 0.93 ● 0.91	1.00	1.07 1.07	A A

For further information regarding this specification notice contact:

Linear Technology Corporation
1630 McCarthy Blvd.
Milpitas, California 95035-7417
Attn: Product Marketing Manager
Phone: (408) 432-1900, Ext. 2456