


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.

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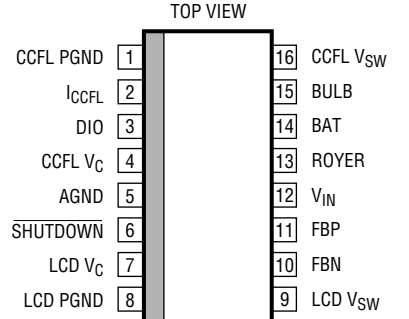
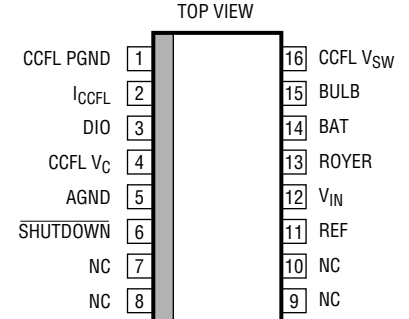
ABSOLUTE MAXIMUM RATINGS

Operating Junction Temperature Range

Commercial 0°C to 100°C

Industrial -40°C to 100°C

PACKAGE/ORDER INFORMATION

TOP VIEW	ORDER PART NUMBER	TOP VIEW	ORDER PART NUMBER
 <p>CCFL PGND 1 16 CCFL V_{SW}</p> <p>I_{CCFL} 2 15 BULB</p> <p>DIO 3 14 BAT</p> <p>CCFL V_C 4 13 ROYER</p> <p>AGND 5 12 V_{IN}</p> <p>SHUTDOWN 6 11 FBP</p> <p>LCD V_C 7 10 FBN</p> <p>LCD PGND 8 9 LCD V_{SW}</p> <p>S PACKAGE 16-LEAD PLASTIC SO T_{JMAX} = 100°C, θ_{JA} = 100°C/W</p>	<p>LT1182CS LT1182IS</p>	 <p>CCFL PGND 1 16 CCFL V_{SW}</p> <p>I_{CCFL} 2 15 BULB</p> <p>DIO 3 14 BAT</p> <p>CCFL V_C 4 13 ROYER</p> <p>AGND 5 12 V_{IN}</p> <p>SHUTDOWN 6 11 REF</p> <p>NC 7 10 NC</p> <p>NC 8 9 NC</p> <p>S PACKAGE 16-LEAD PLASTIC SO T_{JMAX} = 100°C, θ_{JA} = 100°C/W</p>	<p>LT1184FCS LT1184FIS</p>

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	
	ΔCCFL V _C Source Current for ΔI _{CCFL} Programming Current	I _{CCFL} = 25μA, 50μA, 75μA, 100μA, CCFL V _C = 1.5V T _J < 0°C	●	4.70	4.95	5.20	μA/μA
			●	4.60		5.20	μA/μA
	CCFL High-Side Sense Servo Current	I _{CCFL} = 100μA, I _{V_C} = 0μA at CCFL V _C = 1.5V T _J < 0°C	●	0.93	1.00	1.07	A
			●	0.91		1.07	A

For further information regarding this specification notice contact:

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