

The maximum current limit specifications and Absolute Maximum Rating for the $\overline{\text{SHDN}}$ pin have changed for the **LT[®]1175** data sheet as indicated in **bold**. All other specifications remain unchanged. For complete specifications, typical performance curves and applications information, please see the **LT1175** data sheet.

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ABSOLUTE MAXIMUM RATINGS

$\overline{\text{SHDN}}$ Pin to GND Pin Voltage **13.5V**, –20V

ELECTRICAL CHARACTERISTICS

$V_{\text{OUT}} = 5\text{V}$, $V_{\text{IN}} = 7\text{V}$, $I_{\text{OUT}} = 0$, $V_{\text{SHDN}} = 3\text{V}$, I_{LIM2} and I_{LIM4} tied to V_{IN} , $T_J = 25^\circ\text{C}$ unless otherwise noted.

PARAMETER	CONDITIONS		MIN	TYP	MAX	UNITS
Current Limit (Note 10)	$V_{\text{IN}} - V_{\text{OUT}} = 1\text{V to } 12\text{V}$	●	520	800	1300	mA
	I_{LIM2} Open	●	390	600	975	mA
	I_{LIM4} Open	●	260	400	650	mA
	$I_{\text{LIM2}}, I_{\text{LIM4}}$ Open	●	130	200	325	mA

The ● denotes specifications which apply over the full operating temperature range.

Note 1: $\overline{\text{SHDN}}$ pin maximum positive voltage is 30V with respect to $-V_{\text{IN}}$ and **13.5V** with respect to GND. Maximum negative voltage is –20V with respect to ground and –5V with respect to $-V_{\text{IN}}$.

Note 10: Current limit is reduced for input-to-output voltage above 12V. See graph in Typical Performance Characteristics (LT1175 data sheet) for guaranteed limits above 12V.

For further information regarding this specification notice contact:

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