



August 1998

Specifications for the **LT<sup>®</sup>1375** and **LT1376** have changed as shown below in **bold**. For complete specifications, typical performance characteristics and applications information, please see the **LT1375/LT1376** data sheet.

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## ELECTRICAL CHARACTERISTICS

$T_J = 25^\circ\text{C}$ ,  $V_{IN} = 15\text{V}$ ,  $V_C = 1.5\text{V}$ , boost open, switch open unless otherwise noted.

PARAMETER	CONDITIONS		MIN	TYP	MAX	UNITS
Error Amplifier Source Current	$V_{SHDN} = 1\text{V}$ , $V_{FB} = 2.7\text{V}$ or $V_{SENSE} = 4.4\text{V}$	●	150	225	<b>320</b>	$\mu\text{A}$
Maximum Switch Duty Cycle	$V_{FB} = 2.1\text{V}$ or $V_{SENSE} = 4.4\text{V}$		90	93		%
		$-40^\circ\text{C} \leq T_J \leq 125^\circ\text{C}$	86	93		%
		$T_J = 150^\circ\text{C}$	85	93		%
Switch Frequency	$V_C$ Set to Give 50% Duty Cycle		460	500	540	kHz
		$-25^\circ\text{C} \leq T_J \leq 125^\circ\text{C}$	440		560	kHz
		$T_J = -25^\circ\text{C}$	440		570	kHz

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

For further information regarding this specification notice contact:

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