

The specifications for the **LT<sup>®</sup>1072** have been revised as shown in **bold** in the following table. For complete specifications, typical performance characteristics and applications information, please see the **LT1072** data sheet.

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## ELECTRICAL CHARACTERISTICS

$V_{IN} = 15V$ ,  $V_C = 0.5V$ ,  $V_{FB} = V_{REF}$ , output pin open unless otherwise noted.

SYMBOL	PARAMETER	CONDITIONS		MIN	TYP	MAX	UNITS
	Flyback Reference Voltage	$I_{FB} = 50\mu A$			0.01	0.03	%/V
	Line Regulation	$3V \leq V_{IN} \leq V_{MAX}$ ( <b>Note 3</b> )					
	Flyback Amplifier Tranconductance ( $g_m$ )	$\Delta I_C = \pm 10\mu A$		150	300	<b>650</b>	$\mu mho$
BV	Output Switch Breakdown Voltage	$3V \leq V_{IN} \leq V_{MAX}$	LT1072	65	90		V
		<b><math>I_{SW} = 1.5mA</math></b>	LT1072HV	75	90		V
			LT1072S8	60	80		V
$I_{LIM}$	Switch Current Limit	<b>Duty Cycle = 50%</b> $T_J \geq 25^\circ C$	●	1.25		3	A
		<b>Duty Cycle = 50%</b> $T_J < 25^\circ C$	●	1.25		3.5	A
		Duty Cycle = 80% (Note 2)	●	1		2.5	A

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

**Note 2:** For duty cycles between 50% and 80%, minimum guaranteed switch current is given by  $I_{LIM} = 0.833 (2 - DC)$ .

**Note 3:**  $V_{MAX} = 55V$  for LT1072HV to avoid switch breakdown.

For further information regarding this specification notice contact:

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