


The operating temperature range for the **LT[®]1301I** is -40°C to 85°C . The specifications for the **LT1301I** are as stated on the data sheet, with the following exceptions:

ELECTRICAL CHARACTERISTICS

SYMBOL	PARAMETER	CONDITIONS		MIN	TYP	MAX	UNITS
DC	Maximum Duty Cycle	$T_J = -40^{\circ}\text{C}$	●	70		95	%
	Peak Switch Current	$V_{IN} = 2\text{V}$, $I_{LIM} = \text{Floating}$, $T_J = -40^{\circ}\text{C}$	●			1.7	A
		$V_{IN} = 2\text{V}$, $I_{LIM} = \text{Floating}$, $T_J = 85^{\circ}\text{C}$	●	0.65			A
		$V_{IN} = 5\text{V}$, $I_{LIM} = \text{Floating}$, $T_J = -40^{\circ}\text{C}$	●			1.6	A
		$V_{IN} = 5\text{V}$, $I_{LIM} = \text{Floating}$, $T_J = 85^{\circ}\text{C}$	●	0.55			A

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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