


The **LTC[®]1326IS8** is available for the Industrial temperature range (-40°C to 85°C). The new specifications are shown below in **bold**. For complete specifications, typical performance characteristics and applications information, please see the **LTC1326** data sheet.

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PACKAGE/ORDER INFORMATION

ORDER PART NUMBER	S8 PART NUMBER
LTC1326CS8 LTC1326IS8	1326 1326I

ELECTRICAL CHARACTERISTICS $V_{CC3} = 3.3\text{V}$, $V_{CC5} = 5\text{V}$, $V_{CCA} = V_{CC3}$, $T_A = 25^{\circ}\text{C}$ unless otherwise noted.

SYMBOL	PARAMETER	CONDITIONS		MIN	TYP	MAX	UNITS
V_{RT3}	Reset Threshold V_{CC3}	$0^{\circ}\text{C} \leq T_A \leq 85^{\circ}\text{C}$ $-40^{\circ}\text{C} \leq T_A \leq 0^{\circ}\text{C}$	● ●	3.094 3.052	3.118 3.118	3.143 3.143	V V
V_{RT5}	Reset Threshold V_{CC5}	$0^{\circ}\text{C} \leq T_A \leq 85^{\circ}\text{C}$ $-40^{\circ}\text{C} \leq T_A \leq 0^{\circ}\text{C}$	● ●	4.687 4.625	4.725 4.725	4.762 4.762	V V
V_{RTA}	Reset Threshold V_{CCA}	$0^{\circ}\text{C} \leq T_A \leq 85^{\circ}\text{C}$ $-40^{\circ}\text{C} \leq T_A \leq 0^{\circ}\text{C}$	● ●	0.992 0.980	1.000 1.000	1.007 1.007	V V
I_{VCC5}	V_{CC5} Input Current	$V_{CC5} = 5\text{V}$	●		2.8	7	μA
I_{VCCA}	V_{CCA} Input Current	$V_{CCA} = 1\text{V}$, $0^{\circ}\text{C} \leq T_A \leq 85^{\circ}\text{C}$ $V_{CCA} = 1\text{V}$, $-40^{\circ}\text{C} \leq T_A \leq 0^{\circ}\text{C}$	● ●	-5 -15	0 0	5 15	nA nA
t_{RST}	Reset Pulse Width	10k Ω Pull-Up, $0^{\circ}\text{C} \leq T_A \leq 70^{\circ}\text{C}$ 10k Ω Pull-Up, $-40^{\circ}\text{C} \leq T_A \leq 85^{\circ}\text{C}$	● ●	140 140	200 200	280 300	ms ms
I_{PBR}	PBR Pull-Up Current	$\overline{\text{PBR}} = 0\text{V}$, $0^{\circ}\text{C} \leq T_A \leq 85^{\circ}\text{C}$ $\overline{\text{PBR}} = 0\text{V}$, $-40^{\circ}\text{C} \leq T_A \leq 0^{\circ}\text{C}$	● ●	3 3	7 7	10 15	μA μA
t_{PB}	PBR Assertion Time to Reset	$\overline{\text{PBR}} < V_{IL}$, $0^{\circ}\text{C} \leq T_A \leq 70^{\circ}\text{C}$ $\overline{\text{PBR}} < V_{IL}$, $-40^{\circ}\text{C} \leq T_A \leq 85^{\circ}\text{C}$	● ●	1.4 1.4	2.0 2.0	2.8 3.0	s s
V_{OL}	RST Output Low Voltage	$I_{\text{SINK}} = 5\text{mA}$	●		0.15	0.4	V
		$0^{\circ}\text{C} \leq T_A \leq 85^{\circ}\text{C}$, $I_{\text{SINK}} = 100\mu\text{A}$ $V_{CC3} = 1\text{V}$, $V_{CC5} = 0\text{V}$ $V_{CC3} = 0\text{V}$, $V_{CC5} = 1\text{V}$	● ●		0.05 0.05	0.4 0.4	V V
		$-40^{\circ}\text{C} \leq T_A \leq 0^{\circ}\text{C}$, $I_{\text{SINK}} = 100\mu\text{A}$ $V_{CC3} = 1.1\text{V}$, $V_{CC5} = 0\text{V}$ $V_{CC3} = 0\text{V}$, $V_{CC5} = 1.1\text{V}$	● ●		0.05 0.05	0.4 0.4	V V

For further information regarding this specification notice contact:

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