



LTC2325-16 Data Sheet Changes (Rev B)

Data Sheet Changes

REV A: OLD SPECIFICATIONS

CONVERTER CHARACTERISTICS The ● denotes the specifications which apply over the full operating temperature range, otherwise specifications are at $T_A = 25^\circ\text{C}$ (Note 4).

SYMBOL	PARAMETER	CONDITIONS	MIN	TYP	MAX	UNITS
	Resolution		● 16			Bits
	No Missing Codes		● 16			Bits
	Transition Noise			1.5		LSB _{RMS}
INL	Integral Linearity Error	(Note 6)	● -9	±2	9	LSB
DNL	Differential Linearity Error		● -0.99	±0.4	0.99	LSB
BZE	Bipolar Zero-Scale Error	(Note 7)	● -12	0	12	LSB
	Bipolar Zero-Scale Error Drift			0.01		LSB/°C
FSE	Bipolar Full-Scale Error	$V_{\text{REFOUT1,2,3,4}} = 4.096\text{V}$ (REFBUFEN Grounded) (Note 7)	● -30		30	LSB
	Bipolar Full-Scale Error Drift	$V_{\text{REFOUT1,2,3,4}} = 4.096\text{V}$ (REFBUFEN Grounded)		15		ppm/°C

REV B: NEW SPECIFICATIONS

CONVERTER CHARACTERISTICS The ● denotes the specifications which apply over the full operating temperature range, otherwise specifications are at $T_A = 25^\circ\text{C}$ (Note 4).

SYMBOL	PARAMETER	CONDITIONS	MIN	TYP	MAX	UNITS
	Resolution		● 16			Bits
	No Missing Codes		● 16			Bits
	Transition Noise			1.5		LSB _{RMS}
INL	Integral Linearity Error	(Note 6)	● -9	±2	9	LSB
DNL	Differential Linearity Error	C grade, I grade	● -0.99	±0.4	0.99	LSB
		H grade	● -0.99	±0.4	1.99	LSB
BZE	Bipolar Zero-Scale Error	(Note 7)	● -12	0	12	LSB
	Bipolar Zero-Scale Error Drift			0.01		LSB/°C
FSE	Bipolar Full-Scale Error	$V_{\text{REFOUT1,2,3,4}} = 4.096\text{V}$ (REFBUFEN Grounded) (Note 7)	● -30		30	LSB
	Bipolar Full-Scale Error Drift	$V_{\text{REFOUT1,2,3,4}} = 4.096\text{V}$ (REFBUFEN Grounded)		15		ppm/°C

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