

HX11DB

DATASHEET BRIEF

Oct 2016

5 b M c [8 Y g Wf] d h j r v i t i o n T e m p e r a t u r e H X 1 1 D B 1 2 5 ° C , t h e accuracy conversion of low bandwidth digital signals into the analog domain.

Features

- 7 bit accuracy: ± 0.5 LSB maximum DNL
- Output range of 0V to analog supply
- 3.3V analog supply

Block Diagram

Parameter	Conditions	Min	Typ	Max	Unit
Analog Supply Voltage	$\pm 10\%$	2.97	3.3	3.63	V
Temperature Range		40	27	125	$^{\circ}\text{C}$
Monotonicity		7			Bits
Resolution		7			Bits
Voltage Reference				analog supply	V
Least Significant Bit	Reference voltage of 0.9V			Reference voltage of 2.9V	0.3

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