

AD7606C-18

Datasheet revision. Rev 0 to Rev A

Specifications limits being changed from Rev. 0 to Rev. A

Table 1. Rev 0 specifications

Parameter	Test Conditions/Comments	Min	Typ	Max	Unit
ANALOG INPUT FILTER Phase Delay Matching	Low bandwidth mode High bandwidth mode			150 20	
DC ACCURACY Integral Nonlinearity (INL)	Bipolar input ranges Unipolar input ranges		±2 ±4	±7	LSB LSB
Total Unadjusted Error (TUE)	External reference External reference, ±2.5 V range		±25 ±25	±130 ±180	LSB LSB
Unipolar Ranges FS Error FS Error Drift FS Error Matching Zero Scale Error Zero Scale Error Drift Zero Scale Error Matching			±40 ±1 20 ±40 ±1 20	±140 ±3 60 ±120 ±3 60	LSB ppm/°C LSB LSB ppm/°C LSB

Table 2. Rev A specifications

Parameter	Test Conditions/Comments	Min	Typ	Max	Unit
ANALOG INPUT FILTER Phase Delay Matching	Low bandwidth mode High bandwidth mode			200 30	ns ns
DC ACCURACY Integral Nonlinearity (INL)	Bipolar input ranges Unipolar input ranges		±2 ±4	±7.5	LSB LSB
Total Unadjusted Error (TUE)	External reference External reference, ±2.5 V range Unipolar input ranges		±25 ±25 ±60	±130 ±180 ±280	LSB LSB LSB
Unipolar Ranges FS Error FS Error Drift FS Error Matching Zero Scale Error Zero Scale Error Drift Zero Scale Error Matching			±40 ±1 20 ±40 ±2.5 20	±240 ±7 160 ±200 ±7 160	LSB ppm/°C LSB LSB ppm/°C LSB