

Specifications

ADM2 ANALOG TO DIGITAL CONVERTER MODULE 2

Input ranges: $\pm 5V$, $\pm 10V$, 0 to + 5V, 0 to + 10V (switch selectable)

Resolution: 14 bits, 1 part in 16384

Nonlinearity: $\pm 0.006\%$ (± 1 lsb)

Nonlinearity temperature coefficient: $\pm 0.0002\%/^{\circ}C$

Accuracy*: $\pm (0.008\% + 1$ lsb)

Accuracy temperature coefficient*: $\pm (0.001\% + 0.15$ lsb) $/^{\circ}C$

Dynamic performance:

Sample and hold acquisition time: 4 us max

Conversion time: 35 us max

* Includes nonlinearity

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