

PART NUMBER
SPEC-ADMI

Specifications

ADMI ANALOG TO DIGITAL CONVERTER MODULE 1

Input ranges: $\pm 2.5V$, $\pm 5V$, $\pm 10V$, 0 to + 5V, 0 to + 10V (switch selectable)

Resolution. 12 bits, 1 part in 4096

Nonlinearity: $\pm 0.025\%$ (± 1 lsb)

Nonlinearity temperature coefficient. $\pm 0.0003\%/^{\circ}C$

Accuracy*: $\pm(0.03\% + 1$ lsb)


Accuracy temperature coefficient: $\pm (0.0035\% + 0.1$ lsb) $^{\circ}C$

Dynamic performance.

Sample and hold acquisition time: 5 us

Conversion time: 25 us max

* includes nonlinearity

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