

### 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:  $\pm 0.006\%$  ( $\pm 1$ 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

LTR	REVISIONS	APP.	DATE	DRN.	DATE	<b>KEITHLEY</b> Keithley Instruments Inc. Cleveland, Ohio 44139
A	RELEASED 2/83		11-83	CKD.	DATE	
				APP.	DATE	
				SPECIFICATIONS		PART NUMBER
						SPEC-ADM2