

13 Bit A/D (fast recovery), 0C to +70C, 40-PDIP, TUBE, ADC (A/D Converters) 13 Bit Fast Recovery

Manufacturers	Microchip Technology, Inc
Package/Case	PDIP-40
Product Type	Data Conversion ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for TC7109ACPL or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

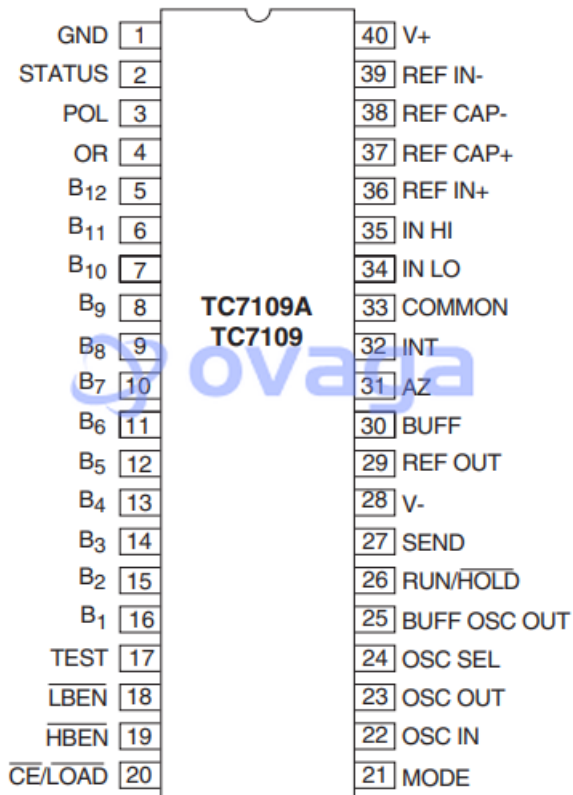
[RFQ](#)

General Description

The TC7109A is a 12-bit plus sign, CMOS low-power analog-to-digital converter (ADC). Only eight passive components and a crystal are required to form a complete dual-slope integrating ADC. The improved V_{oh} source current TC7109A has features that make it an attractive per-channel alternative to analog multiplexing for many data acquisition applications. These features include typical input bias current of 1pA, drift of less than 1 $\mu\text{V}/^\circ\text{C}$, input noise typically 15 $\mu\text{Vp-p}$, and auto-zero. True differential input and reference allow measurement of bridge-type transducers such as load cells, strain gauges, and temperature transducers. In the handshake mode, the TC7109A will operate with industry-standard UARTs in controlling serial data transmission - ideal for remote data logging. The TC7109A has improved overrange recovery performance and higher output drive capability than the TC7109.



40-Pin PDIP/CERDIP



Related Products



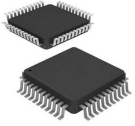
[TC7109ACKW](#)

Microchip Technology, Inc
MQFP-44



[TC7109ACLW713](#)

Microchip Technology, Inc
PLCC-44



[TC7109CKW713](#)

Microchip Technology, Inc
MQFP-44



[TC850ILW](#)

Microchip Technology, Inc
PLCC-44



[TC850CLW](#)

Microchip Technology, Inc
PLCC-44



[TC7109CKW](#)

Microchip Technology, Inc
MQFP-44



[TC850CLW713](#)

Microchip Technology, Inc
PLCC-44



[TC1321EOATR](#)

Microchip Technology, Inc
SOIC-8