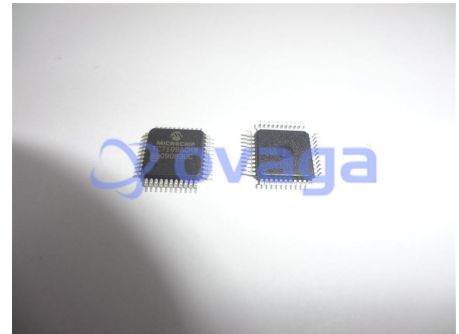


Single Channel Parallel Interface 5.5 V 12-Bit A/D Converter SMT - PQFP-44



Images are for reference only

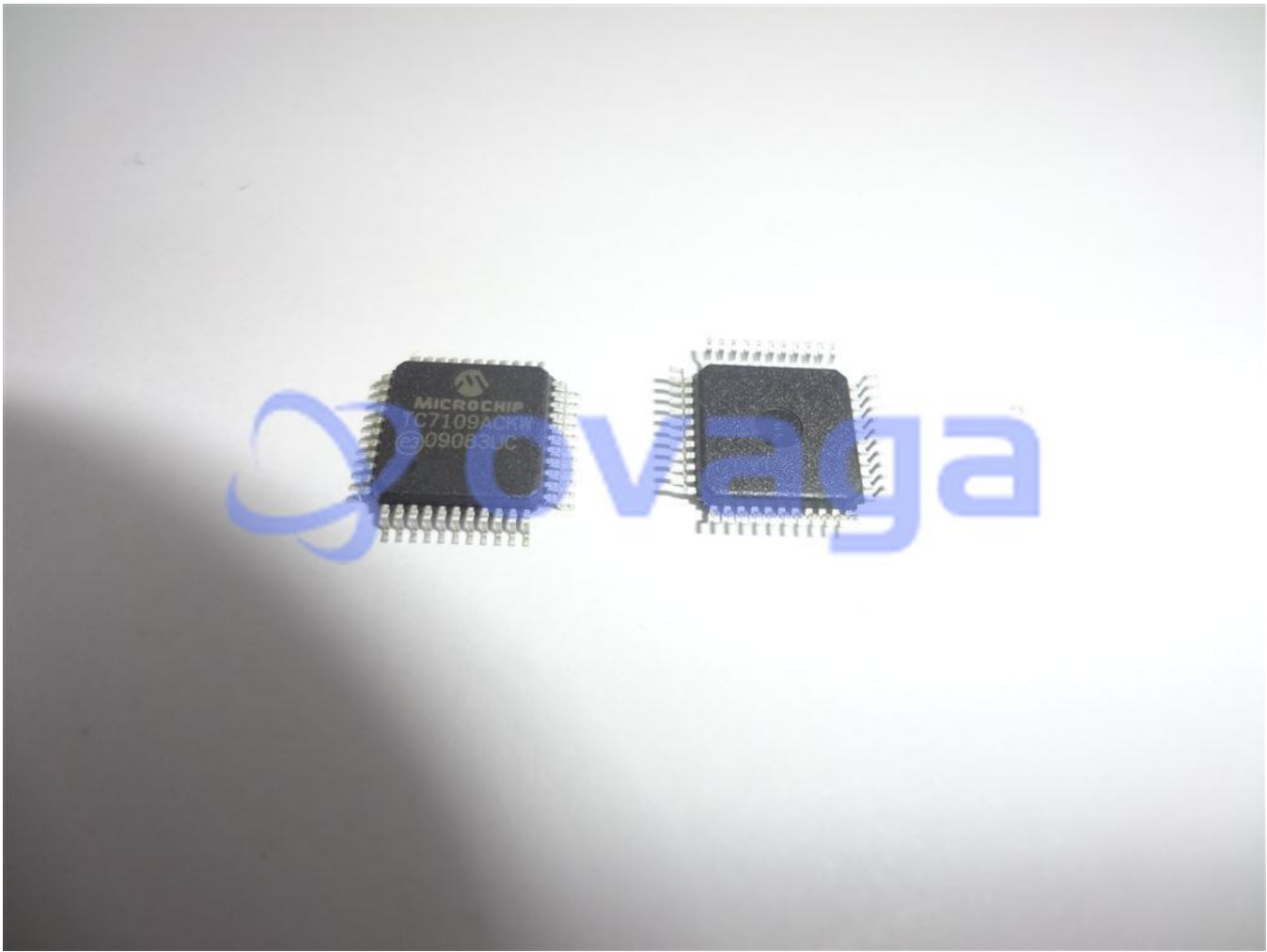
Manufacturers	Microchip Technology, Inc
Package/Case	MQFP-44
Product Type	Data Conversion ICs
RoHS	Rohs
Lifecycle	

Please submit RFQ for TC7109ACKW 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 $\mu V/^{\circ}C$, input noise typically 15 $\mu Vp-p$, 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.



Related Products



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Microchip Technology, Inc
PDIP-40



[TC7109ACLW713](#)

Microchip Technology, Inc
PLCC-44



[TC7109CKW713](#)

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[TC1321EOATR](#)

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SOIC-8