

3-1/2 Digit Analog-to-Digital Converters,ADC (A/D Converters) w/LCD Driver

Manufacturers	<a href="#">Microchip Technology, Inc</a>
Package/Case	PDIP-40
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for TC7106ACPL or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The TC7106A 3½ digit LCD direct-display drive analog-to-digital converters allow existing TC7106 based systems to be upgraded. Each device has a precision reference with a 20ppm/°C max temperature coefficient. This represents a 4-7 times improvement over similar 3½ digit converters. Existing TC7106 based systems may be upgraded without changing external passive component values. The TC7106A low power drain and 9V battery operation make it suitable for portable applications. The TC7106A reduces linearity error to less than 1 count. Rollover error (the difference in readings for equal magnitude but opposite polarity input signals) is below ±1 count. High impedance differential inputs offer 1pA leakage current and a 1012 Ohm input impedance. The differential reference input allows ratiometric measurements for ohms or bridge transducer measurements. The 15µVp-p noise performance guarantees a great reading. The auto-zero cycle guarantees a zero display reading with a zero-volts input.

## Features

20ppm/°C Typical

## Related Products



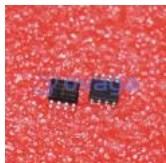
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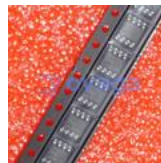
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