

1-Channel Single ADC Delta-Sigma 19.2Msps 16-bit Parallel/Serial 44-Pin MQFP Tray

Manufacturers	Analog Devices, Inc
Package/Case	QFP-44
Product Type	Data Conversion ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for AD7723BSZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The AD7723 is a complete 16-bit, sigma-delta ADC. The part operates from a +5 V supply. The analog input is continuously sampled, eliminating the need for an external sample-and-hold. The modulator output is processed by a finite impulse response (FIR) digital filter. The on-chip filtering combined with a high over-sampling-ratio reduces the external anti-alias requirements to first order in most cases. The digital filter frequency response can be programmed to be either low-pass or band-pass.

Features

16-Bit Sigma-Delta ADC 1.2 MSPS Output Word Rate 32x/16x Oversampling Ratio Low-Pass and Band-Pass Digital Filter Linear Phase

On-Chip 2.5 V Voltage Reference

Standby Mode

Flexible Parallel or Serial Interface

Crystal Oscillator

Single 5 V Supply

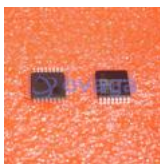


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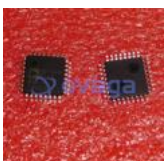
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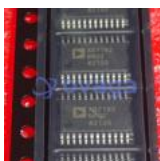
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