

Digital to Analogue Converter, Dual, 12 bit, 3 Wire, Serial, 4.5V to 5.5V, SOIC, 16 Pins

Manufacturers	Analog Devices, Inc
Package/Case	SO16
Product Type	Data Conversion ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LTC1590CS#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The LTC1590 is a dual, serial input 12-bit multiplying digital-to-analog converter (DAC). It includes two current output multiplying CMOS DACs and an easy SPI compatible serial interface with daisy-chain output. An asynchronous CLR pin sets both DACs to zero scale.

Excellent accuracy, stability and versatility are combined with the smallest package available for a dual 12-bit multiplying DAC.

Parts are available in 16-pin PDIP and narrow SO packages and are specified over the commercial and industrial temperature ranges.

Features

DNL and INL Over Temperature: ± 0.5 LSB Max

Gain Error: ± 1 LSB Max

Low Supply Current: 10 μ A Max

4-Quadrant Multiplication

Power-On Reset

Asynchronous Clear Input

Daisy-Chain 3-Wire Serial Interface

16-Pin Narrow SO and PDIP Packages

Application

Process Control and Industrial Automation

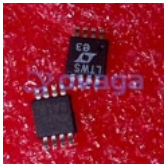
Software Controlled Gain Adjustment

Digitally Controlled Filter and Power Supplies

Automatic Test Equipment



Related Products



[LTC1860IMS8#PBF](#)

Analog Devices, Inc
MSOP-8



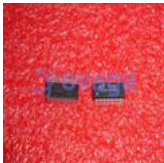
[LT1171CQ](#)

Analog Devices, Inc
TO-263



[LTC2485IDD#PBF](#)

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DFN-10



[LTC2418IGN#PBF](#)

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SSOP28



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