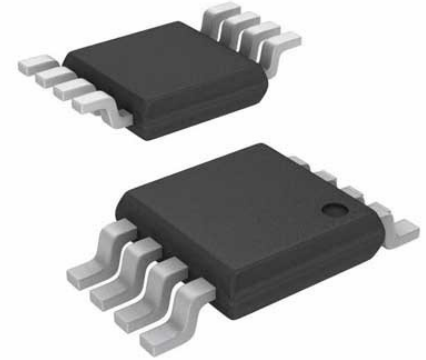


Dual 16-Bit Rail-to-Rail DACs in 8-Lead MSOP; Package: MSOP; No of Pins: 8;
Temperature Range: 0°C to +70°C



Images are for reference only

| | |
|---------------|-------------------------------------|
| Manufacturers | Analog Devices, Inc |
| Package/Case | MSOP8 |
| Product Type | Data Conversion ICs |
| RoHS | Pb-free Halide free |
| Lifecycle | |

Please submit RFQ for LTC2602CMS8#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The LTC2602/LTC2612/LTC2622 are dual 16-, 14- and 12-bit, 2.5V-to-5.5V rail-to-rail voltage-output DACs, in a tiny 8-lead MSOP package. They have built-in high performance output buffers and are guaranteed monotonic.

These parts establish advanced performance standards for output drive, crosstalk and load regulation in single-supply, voltage output multiples.

The parts use a simple SPI/MICROWIRE™ compatible 3-wire serial interface which can be operated at clock rates up to 50MHz.

The LTC2602/LTC2612/LTC2622 incorporate a power-on reset circuit. During power-up, the voltage outputs rise less than 10mV above zero scale, and after power-up, they stay at zero scale until a valid write and update take place.

Features

Smallest Pin-Compatible Dual DACs:

LTC2602: 16-Bits

LTC2612: 14-Bits

LTC2622: 12-Bits

Guaranteed 16-Bit Monotonic Over Temperature

Wide 2.5V to 5.5V Supply Range

Low Power Operation: 300 μ A per DAC at 3V

Individual Channel Power-Down to 1 μ A, Max

Ultralow Crosstalk between DACs (30 μ V)

High Rail-to-Rail Output Drive (\pm 15mA)

Double-Buffered Data Latches

Pin-Compatible 10-Bit Version (LTC1661)

Tiny 8-Lead MSOP Package

Application

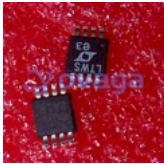
Mobile Communications

Process Control and Industrial Automation

Instrumentation

Automatic Test Equipment

Related Products



[LTC1860IMS8#PBF](#)

Analog Devices, Inc
MSOP-8



[LT1171CQ](#)

Analog Devices, Inc
TO-263



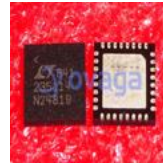
[LTC2485IDD#PBF](#)

Analog Devices, Inc
DFN-10



[LTC2418IGN#PBF](#)

Analog Devices, Inc
SSOP28



[LTC2351IUH-14#PBF](#)

Analog Devices, Inc
QFN-32



[LTC2600CGN#PBF](#)

Analog Devices, Inc
SSOP16



[LTC2642CMS-16#PBF](#)

Analog Devices, Inc
10MSOP



[LTC1865AIMS#PBF](#)

Analog Devices, Inc
MSOP-1