AD7845JNZ

Data Sheet

Digital to Analogue Converter, 12 bit, Parallel, ± 14.25V to ± 15.75V, DIP, 24 Pins

Manufacturers	Analog Devices, Inc
Package/Case	24-DIP
Product Type	Data Conversion ICs
RoHS	Rohs
Lifecycle	

Images are for reference only

Please submit RFQ for AD7845JNZ or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

The AD7845 is the industry's first 4-quadrant multiplying D/A converter with an on-chip amplifier.It is fabricated on the LC 2MOS process, which allows precision linear components and digital circuitry to be implemented on the same chip.

The 12 data inputs drive latches which are controlled by standard CS and WR signals, making microprocessor interfacing simple.For stand-alone operation, the CS and WR inputs can be tied to ground, making all latches transparent.All digital inputs are TTL and 5 V CMOS compatible.

The output amplifier can supply ±10 V into a 2k(ohm) load.It is internally compensated, and its input offset voltage is low due to laser trimming at wafer level.For normal operation, RFB is tied to VOUT, but the user may alternatively choose RA, RB or RC to scale the output voltage range.

Features

12-Bit CMOS MDAC with Output Amplifier

4-Quadrant Multiplication

Low Power LC2MOS

Guaranteed Monotonic (Tmin to Tmax)

Space-Saving 0.3" DIPS and 24- or 28- Terminal Surface Mount Packages

Application Resistors On Chip for Gain Ranging, etc.


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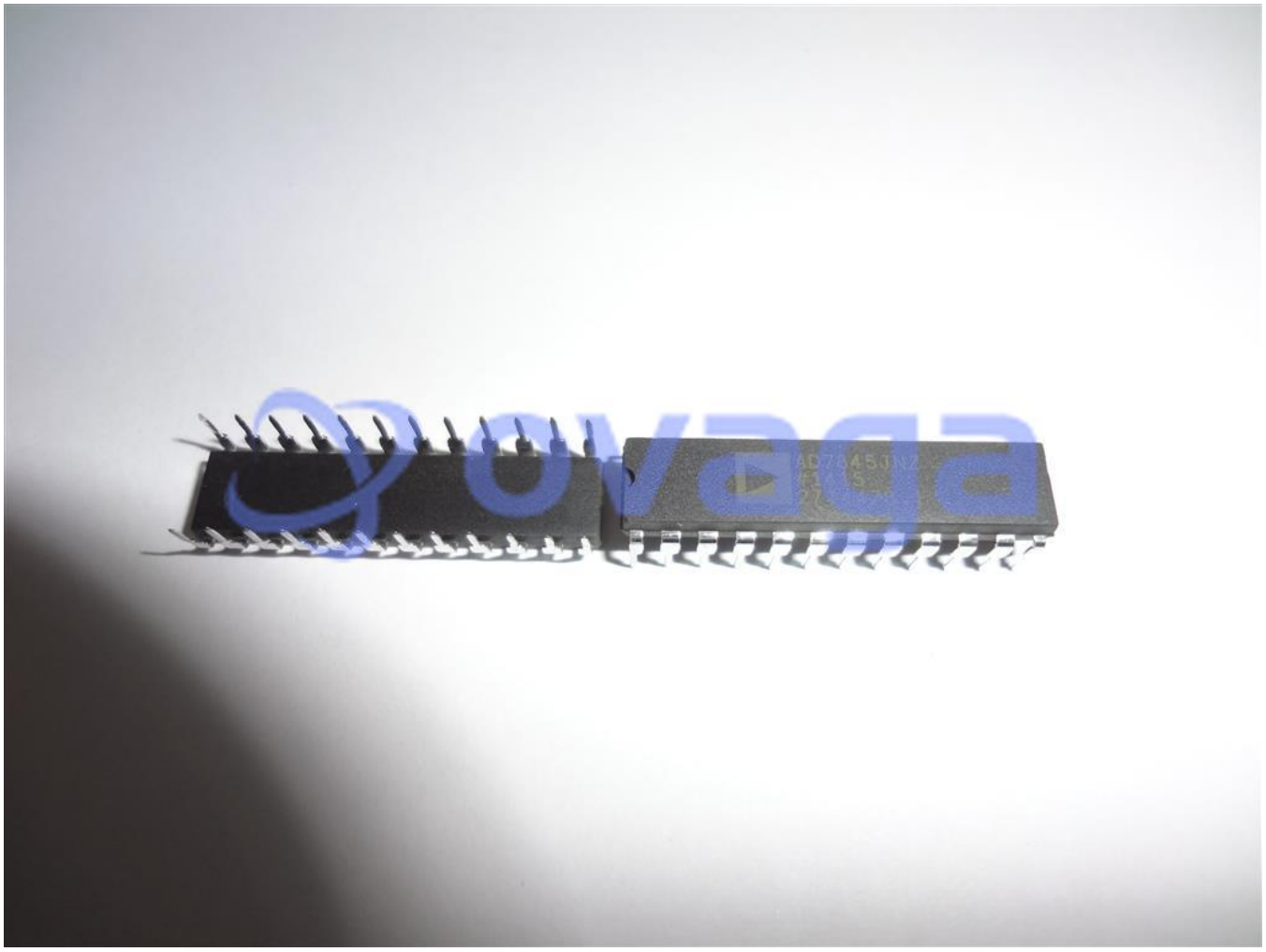
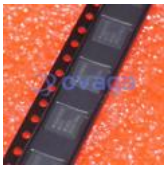


Related Products



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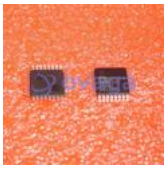
Analog Devices, Inc

LFCSP-40



[AD7266BSUZ]

Analog Devices, Inc

TQPF-32

[AD574AJNZ]

Analog Devices, Inc

PDIP-28

[AD7401YRWZ]

Analog Devices, Inc

SOIC-16

[AD7938BSUZ]

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TQFP-32

[AD7192BRUZ-REEL]

Analog Devices, Inc

TSSOP-24

[AD7124-8BCPZ-RL7]

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LFCSP-32

[AD9680BCPZ-500]

Analog Devices, Inc

LFCSP-64