


DAC 4-CH R-2R 16-bit 48-Pin SSOP Tube

Manufacturer:	<u>Texas Instruments, Inc</u>
Package/Case:	SSOP48
Product Type:	Data Conversion ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The DAC7634 is a 16-bit, quad voltage output, digital-to-analog converter with specified 15-bit monotonic performance over the specified temperature range. It accepts 24-bit serial input data, has double-buffered DAC input logic (allowing simultaneous update of all DACs), and provides a serial data output for daisy-chaining multiple DACs. Programmable asynchronous reset clears all registers to a mid-scale code of 8000H or to a zero-scale of 0000H. The DAC7634 can operate from a single 5-V supply or from 5-V and -5 V supplies.

Low power and small size per DAC make the DAC7634 ideal for automatic test equipment, DAC-per-pin programmers, data acquisition systems, and closed-loop servo-control. The DAC7634 is available in a 48-lead SSOP package and offers specifications over the -40°C to 85°C temperature range.

Key Features

Low Power: 10 mW

Unipolar or Bipolar Operation

Settling Time: 10 μs to 0.003%

15-Bit Linearity and Monotonicity: -40°C to 85°C

Programmable Reset to Mid-Scale or Zero-Scale

Double-Buffered Data Inputs

APPLICATIONS

Process Control

Closed-Loop Servo-Control

Motor Control

Data Acquisition Systems

DAC-Per-Pin Programmers



Recommended For You

DAC6578SPW

Texas Instruments, Inc

TSSOP-16

DAC7802KU

Texas Instruments, Inc

SOP24

DAC122S085CIMM/NOPB

Texas Instruments, Inc

MSOP10

DAC0800LCM

Texas Instruments, Inc

SOP16

DAC1220E

Texas Instruments, Inc

SSOP16

DAC7625U

Texas Instruments, Inc

SOP28

DAC38J84IAAV

Texas Instruments, Inc

BGA

DAC8043U

Texas Instruments, Inc

SOP8

DAC7734E

Texas Instruments, Inc

SSOP48

DAC712UB

Texas Instruments, Inc

SOP28

DAC712UK

Texas Instruments, Inc

SOP28

DAC7614UB

Texas Instruments, Inc

SOP16

DAC108S085CIMI/NOPB

Texas Instruments, Inc

TSSOP-16

DAC8164IAPW

Texas Instruments, Inc

TSSOP

DAC7573IPW

Texas Instruments, Inc

TSSOP-16