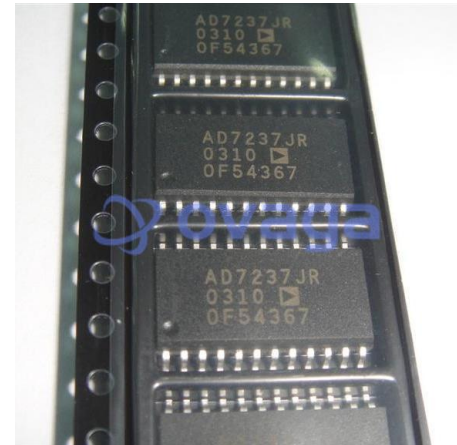


## LC2MOS DUAL 12-BIT DACPORT D/A Converter

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOIC-24
Product Type	Data Conversion ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD7237JR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

AD7237JR is a specific part number for an integrated circuit (IC) manufactured by Analog Devices Inc. It is a high-speed, 12-bit digital-to-analog converter (DAC) with a voltage output. Here are some of its features:

### Features

**Resolution:** 12 bits, which means it can convert digital input codes into analog output voltages with 4096 possible levels.

**Output Voltage Range:** Typically  $\pm 10V$ , which means it can generate analog output voltages in the range of  $-10V$  to  $+10V$ .

**Fast Conversion Rate:** AD7237JR is capable of converting digital input codes into analog output voltages at a high conversion rate of up to 100 kSPS (thousand samples per second).

**Low Glitch Impulse:** It has low glitch impulse, which ensures that the output voltage settles quickly and accurately after a change in the digital input code.

**Flexible Interface:** It has various digital interface options including parallel, serial, and multiplexed serial interface modes, making it adaptable to different system requirements.

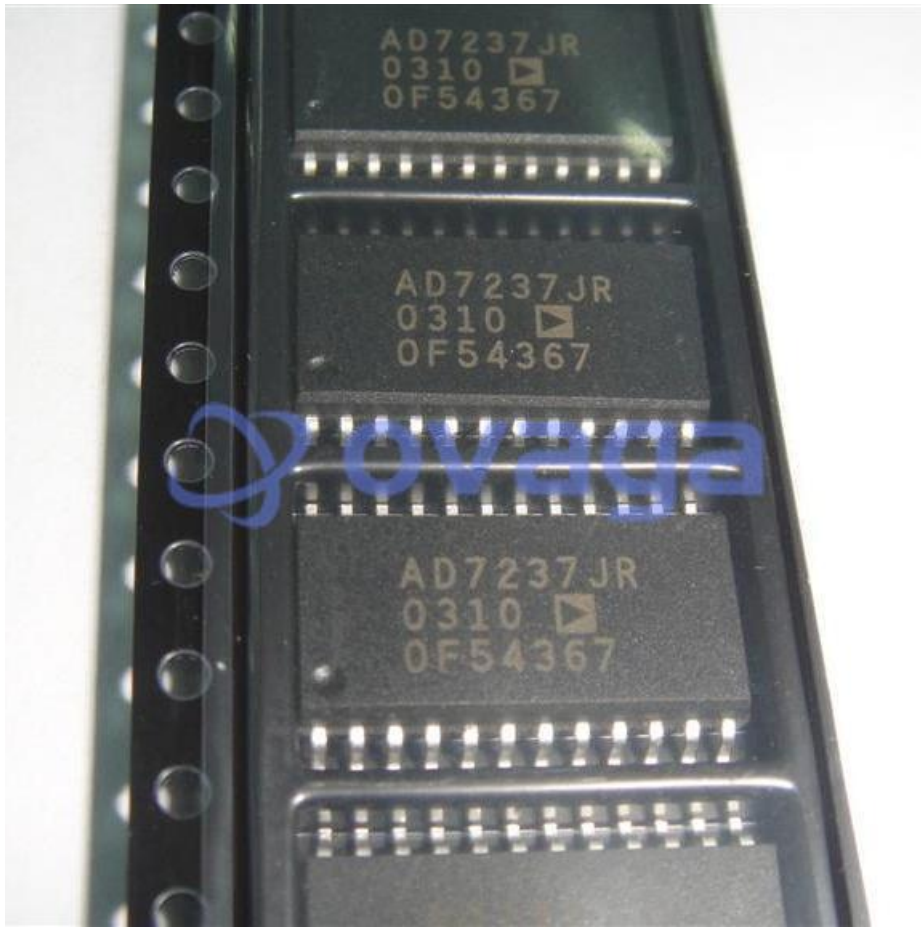
### Application

**Process Control:** It can be used in industrial control systems for generating precise analog control signals for process control applications.

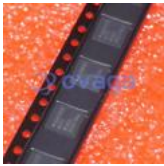
**Instrumentation:** It can be used in test and measurement instruments for generating accurate analog signals for calibration or testing purposes.

**Audio Systems:** It can be used in audio systems for digital audio processing and sound synthesis applications.

**Communication Systems:** It can be used in communication systems for generating analog signals for modulation or demodulation purposes.



## Related Products



### [ADAS3022BCPZ](#)

Analog Devices, Inc  
LFCSP-40



### [AD574AJNZ](#)

Analog Devices, Inc  
PDIP-28



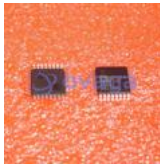
### [AD7938BSUZ](#)

Analog Devices, Inc  
TQFP-32



### [AD7124-8BCPZ-RL7](#)

Analog Devices, Inc  
LFCSP-32



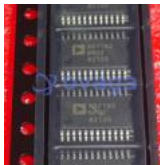
### [AD7266BSUZ](#)

Analog Devices, Inc  
TQFP-32



### [AD7401YRWZ](#)

Analog Devices, Inc  
SOIC-16



### [AD7192BRUZ-REEL](#)

Analog Devices, Inc  
TSSOP-24



### [AD9680BCPZ-500](#)

Analog Devices, Inc  
LFCSP-64