

Calibrated, Quad, 12-Bit Voltage-Output DACs with Serial Interface

|               |                                     |
|---------------|-------------------------------------|
| Manufacturers | <a href="#">Analog Devices, Inc</a> |
| Package/Case  | SOIC-16                             |
| Product Type  | Data Conversion ICs                 |
| RoHS          |                                     |
| Lifecycle     |                                     |



Images are for reference only

Please submit RFQ for MAX536BEWE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MAX536BEWE is a digital potentiometer or digital rheostat manufactured by Maxim Integrated. It is a 14-bit, non-volatile, dual digital potentiometer with a simple SPI-compatible serial interface. The MAX536BEWE features a wide operating voltage range of 2.7V to 5.5V and has a resistance range of 10k $\Omega$  to 100k $\Omega$ .

## Features

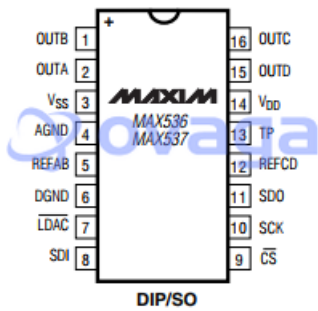
- Dual digital potentiometer with 14-bit resolution
- Non-volatile memory for storing wiper position
- Low wiper resistance of 70 $\Omega$  typical
- SPI-compatible serial interface with high-speed mode
- Wide power supply range of 2.7V to 5.5V
- Low power consumption of 1.5 $\mu$ A typical

## Application

- Audio volume control
- LCD contrast control
- Programmable filters and equalizers
- Precision calibration of analog circuits
- Motor control and power supply adjustments



TOP VIEW



**Related Products**



[MAX125CEAX](#)  
Analog Devices, Inc  
SSOP-28



[MAX147ACAP](#)  
Analog Devices, Inc  
SSOP-20



[MAX5822LEUA](#)

Analog Devices, Inc  
MSOP-8



[MAX132CNG](#)

Analog Devices, Inc  
PDIP-24



[MAX187BCPA](#)

Analog Devices, Inc  
PDIP-8



[MAX1449EHJ](#)

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TQFP-32



[MAX526DEWG](#)

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SOIC-24



[MAX197AEAI](#)

Analog Devices, Inc  
SSOP-28