

General Purpose Audio Codec 4ADC / 8DAC Ch Automotive 64-Pin LQFP Tray

Manufacturers	Analog Devices, Inc
Package/Case	LQFP-64
Product Type	Integrated/Special Purpose D/A Converters ; Audio CODECs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for AD1937WBSTZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The AD1937 is designed for low EMI. This consideration is apparent in both the system and circuit design architectures. By using the on-board PLL to derive the master clock from the LR (frame) clock or from an external crystal, the AD1937 eliminates the need for a separate high frequency master clock and can also be used with a suppressed bit clock. The DACs and ADCs are designed using the latest Analog Devices continuous time architecture to further minimize EMI. By using 3.3 V supplies, power consumption is minimized and further reduces emissions.

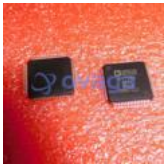
Features

- PLL-generated or direct master clock
- Low EMI design
- 112 dB DAC/ 107 dB ADC Dynamic Range and SNR
- Single 3.3 V supply
- Tolerance for 5 V logic inputs
- Supports 24-bits and 8 kHz to 192 kHz sample rates
- See Data Sheet for Additional Information

Application

- Automotive audio systems
- Home theater systems
- Set-top boxes
- Digital audio effects processors
- Data Sheet, Rev. 0, 9/08

Related Products



[ADV7181CBSTZ](#)

Analog Devices, Inc
LQFP-64



[AD8170AR](#)

Analog Devices, Inc
SOP8



[AD724JR](#)

Analog Devices, Inc
SOIC-16



[ADV7393BCPZ](#)

Analog Devices, Inc
LFCSP-VQ-40



[ADV7391WBCPZ](#)

Analog Devices, Inc
LFSCP-3



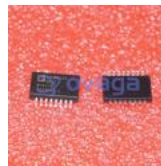
[ADV7390BCPZ](#)

Analog Devices, Inc
QFN32



[ADV7341BSTZ](#)

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LQFP-64



[ADUM4160BRIZ](#)

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SOIC-16