

Microphone Amplifier with AGC and Low-Noise Microphone Bias

Manufacturers	Analog Devices, Inc
Package/Case	QFN-14
Product Type	Amplifier ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MAX9814ETD or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MAX9814ETD is a low-power, high-quality microphone amplifier IC (integrated circuit) manufactured by Maxim Integrated. It is designed to amplify sound signals from electret microphones, making it suitable for use in a variety of audio applications.

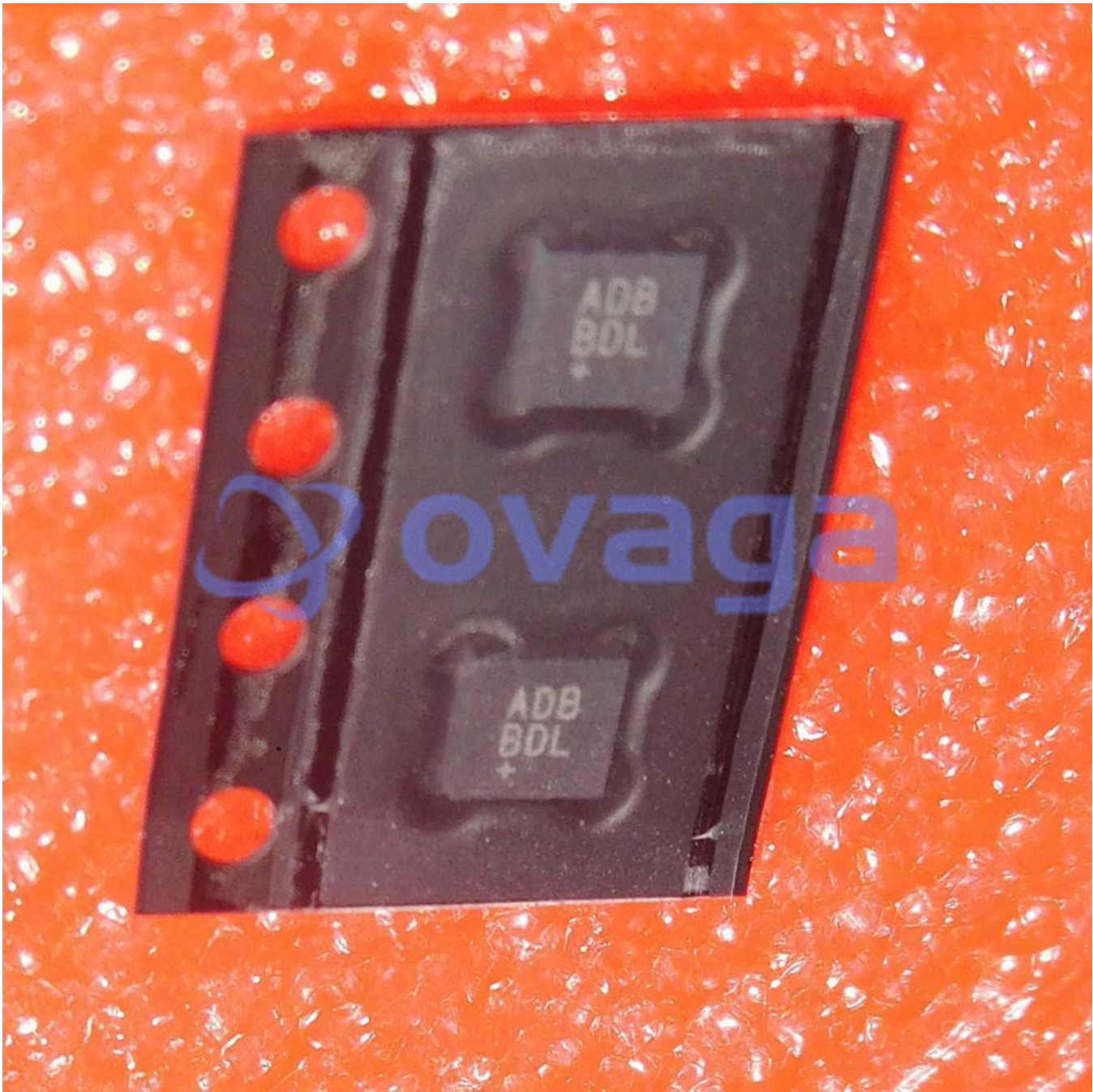
Features

- Low power consumption
- High gain (up to 60dB) with a selectable gain range
- Low distortion and noise
- Wide dynamic range
- Built-in automatic gain control (AGC)
- Flexible power supply options (can operate from a single 2.7V to 5.5V power source)
- Small size and easy-to-use evaluation board

Application

- Portable audio devices (such as smartphones and tablets)
- Voice-activated systems (such as smart speakers and voice assistants)
- Audio recording equipment (such as handheld recorders and dictation devices)
- Automotive audio systems
- Industrial audio equipment





Related Products



[MAX3658AETA](#)

Analog Devices, Inc
TDFN-8



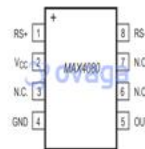
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