# MAX3444EESA

Data Sheet

【15kV ESD-Protected, 【60V Fault-Protected, 10Mbps, Fail-Safe RS-485/J1708 Transceivers

| | |
|---|---|
| Manufacturers | Analog Devices, Inc |
| Package/Case | SO-8 |
| Product Type | Interface ICs |
| RoHS | |
| Lifecycle | |

Images are for reference only

Please submit RFQ for MAX3444EESA or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

## General Description

MAX3444EESA is a specific integrated circuit (IC) manufactured by Maxim Integrated. It is a precision, low-power analog front-end (AFE) device designed for use in power metering applications.

## Features

It has a wide operating voltage range of 2.7V to 3.6V.

It has two differential inputs for current sensing and a single-ended input for voltage sensing.

It provides a high level of accuracy, with a maximum gain error of only 0.15%.

It includes an on-board programmable gain amplifier (PGA) and a low-pass filter.

It communicates with a microcontroller using a 2-wire serial interface (I2C).

It is available in a space-saving 8-pin SOIC package.

## Application

Single-phase and three-phase energy meters

Power monitoring for server farms and data centers

Industrial automation and control

Building automation and HVAC systems

Smart grid applications


## Related Products

[MAX3232EEUE](#)

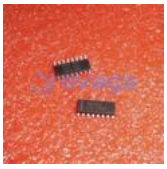
Analog Devices, Inc

TSSOP-16

[MAX4544EUT+T](#)

Analog Devices, Inc

SOT-23-6



[MAX202CSE](#)

Analog Devices, Inc

SOP-16

[MAX485ECPA](#)

Analog Devices, Inc

DIP-8

**MAX3221EEUE**

Analog Devices, Inc

TSSOP-16

**MAX3323EEUE**

Analog Devices, Inc

TSSOP-16

**MAX490MJA**

Analog Devices, Inc

CDIP-8

**MAX3232EUE**

Analog Devices, Inc

TSSOP-16