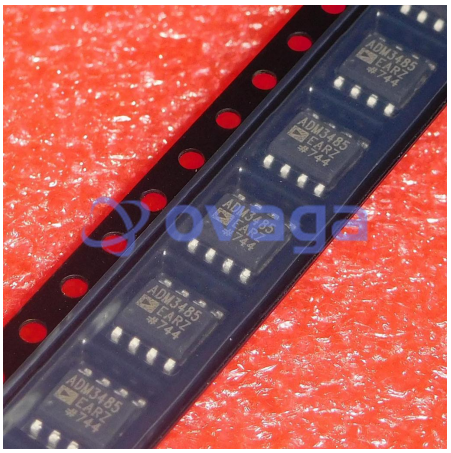
ADM3485EARZ-REEL7

Data Sheet

ESD Protected, EMC Compliant, 3.3V, 12 Mbps, EIA RS-485 Transceiver; Package: SOIC; No of Pins: 8; Temperature Range: Industrial

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



Images are for reference only

Please submit RFQ for ADM3485EARZ-REEL7 or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

The devices have a 12 kΩ receiver input impedance, which allows up to 32 transceivers on a bus. Because only one driver should be enabled at any time, the output of a disabled or powered-down driver is tristated to avoid overloading the bus.

The receiver has a fail-safe feature that ensures a logic high output when the inputs are floating. Excessive power dissipation caused by bus contention or by output shorting is prevented with a thermal shutdown circuit.

The part is fully specified over the industrial temperature rangeand is available in an 8-lead narrow SOIC package.

APPLICATIONS
Power/energy metering

Telecommunications

EMI-sensitive systems Industrial control

Local area networks

Features

TIA/EIA RS-485/RS-422 compliant

12 Mbps data rate

Half-duplex transceiver

Up to 32 nodes on the bus

Receiver open-circuit, fail-safe design

Low power shutdown current

Outputs high-Z when disabled or powered off

Common-mode input range: −7 V to +12 V

Thermal shutdown and short-circuit protection

Industry-standard 75176 pinout

8-lead narrow SOIC package

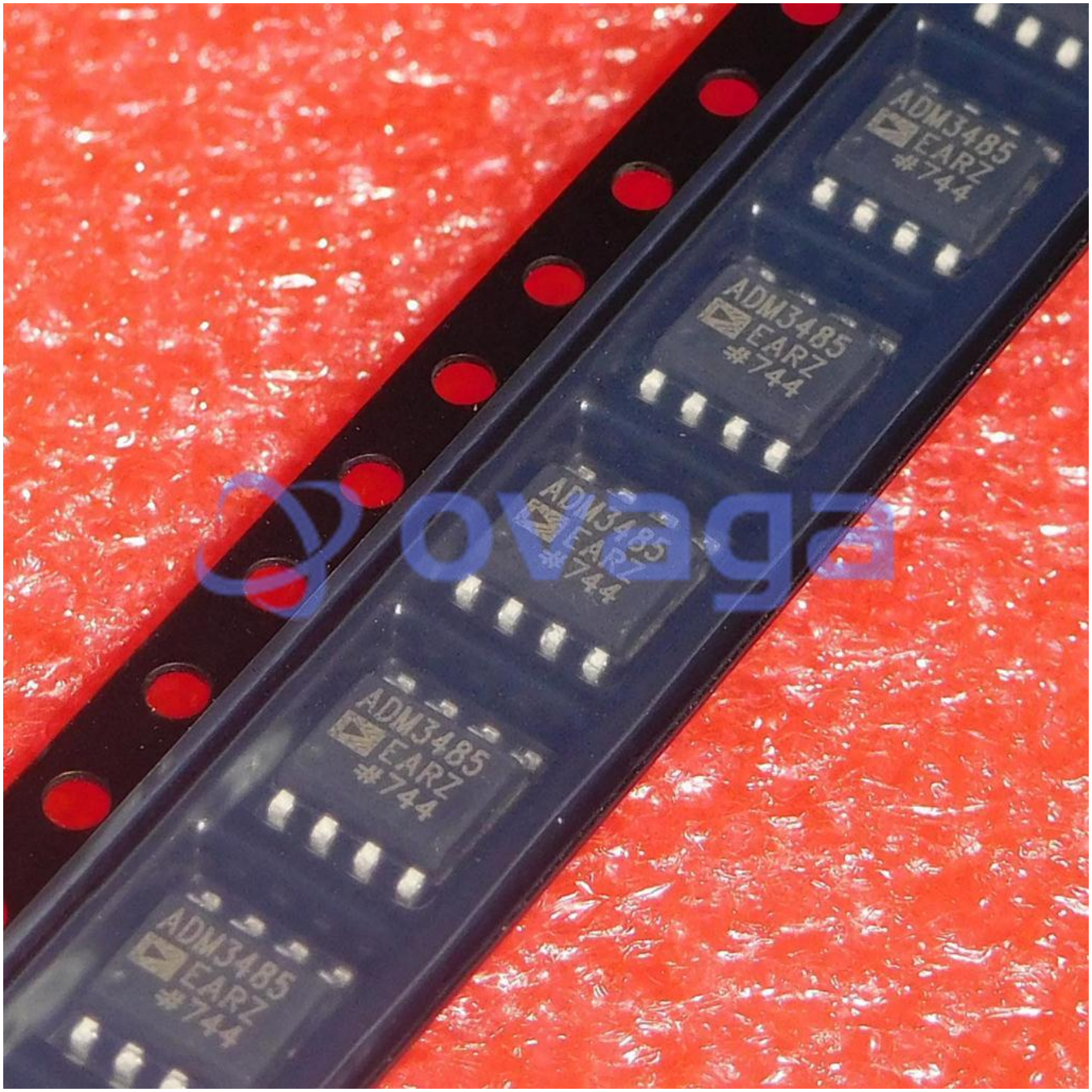
Application

Power/energy metering

Telecommunications

EMI-sensitive systems Industrial control

Local area networks


ADM3485
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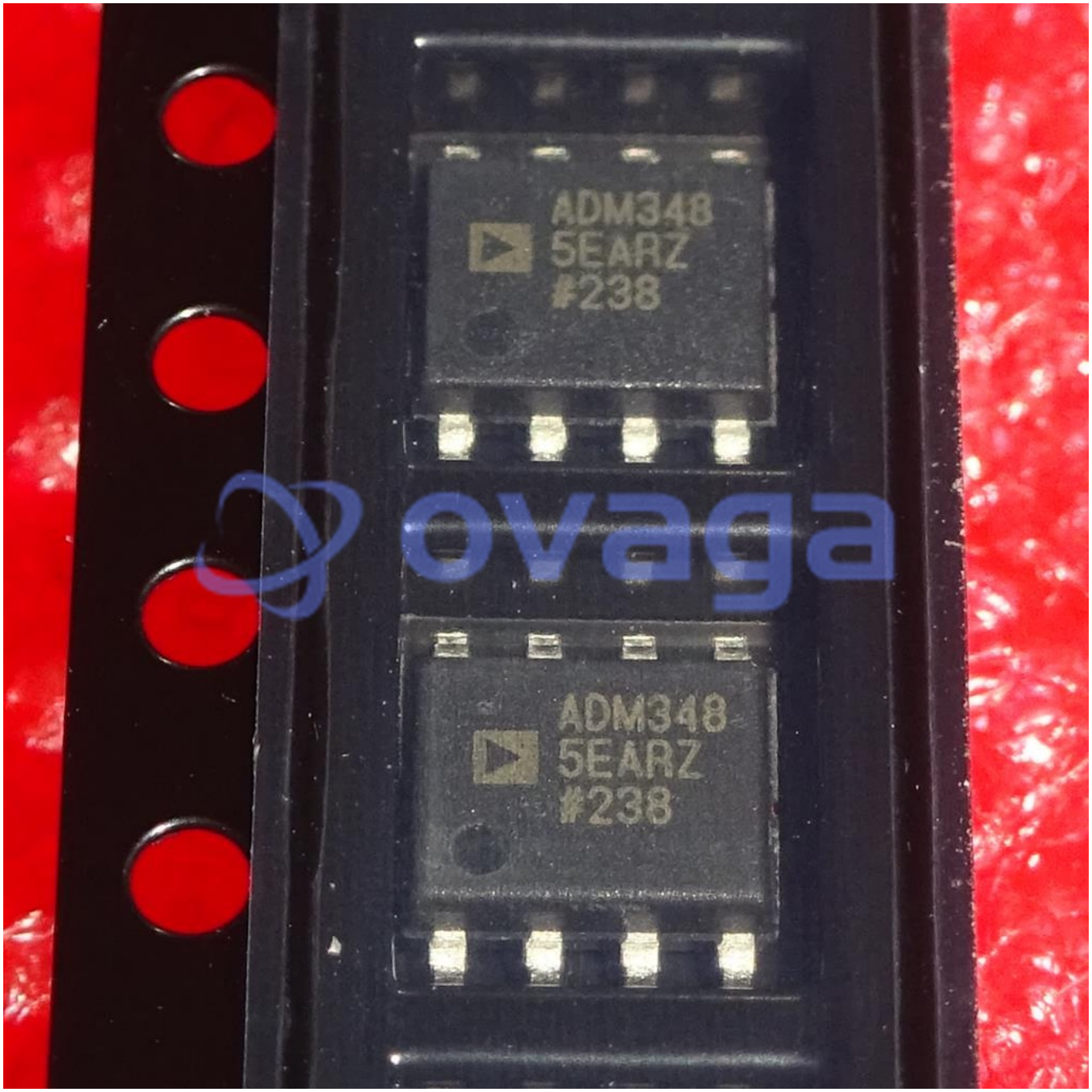


Related Products

[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]

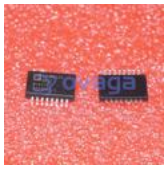
Analog Devices, Inc

QFN32

[ADV7341BSTZ]

Analog Devices, Inc

LQFP-64



[ADUM4160BRIZ]

Analog Devices, Inc

SOIC-16