RS-232 Interface IC +5V-Powered, Multichannel RS-232 Drivers/Receivers
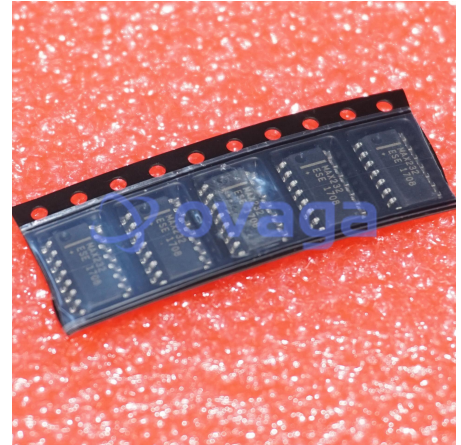
Manufacturers	Analog Devices, Inc
Package/Case	SOIC-16
Product Type	Interface ICs
RoHS	
Lifecycle	

Images are for reference only

Please submit RFQ for MAX232ESE or Email to us: sales@ovaga.com We will contact you in 12 hours.　　　RFQ

General Description

MAX232ESE is a type of integrated circuit (IC) that is commonly used for serial communication between microcontrollers or other digital devices and personal computers (PCs) or other serial devices. It is a member of the MAX232 family of RS-232 transceivers, which are widely used for converting signals between TTL/CMOS logic levels and RS-232 voltage levels.

Features

Dual RS-232 transceiver: MAX232ESE includes two separate transceivers in a single IC package, allowing for bidirectional communication on two separate serial communication channels.

Wide voltage range: MAX232ESE supports a wide voltage range for the input and output signals, typically from +5V to +15V for Vcc, and from -5V to -15V for Vee.

Low power consumption: MAX232ESE is designed to operate with low power consumption, making it suitable for battery-powered or low-power applications.

Integrated capacitors: MAX232ESE includes internal capacitors, which simplifies the external component count and reduces the overall PCB footprint.

ESD protection: MAX232ESE provides protection against electrostatic discharge (ESD) to ensure reliable operation in harsh environments.

Application

Serial communication: MAX232ESE is commonly used for converting TTL/CMOS level serial signals to RS-232 level signals for communication between microcontrollers, sensors, and other digital devices with PCs or other serial devices.

Industrial automation: MAX232ESE can be used in industrial automation systems for serial communication between various control devices, such as PLCs (Programmable Logic Controllers), HMI (Human-Machine Interface) devices, and other industrial equipment.

Embedded systems: MAX232ESE can be used in embedded systems for serial communication between microcontrollers, sensors, and other peripheral devices.

Networking: MAX232ESE can be used in networking equipment, such as routers, switches, and modems, for serial communication with other networking devices.
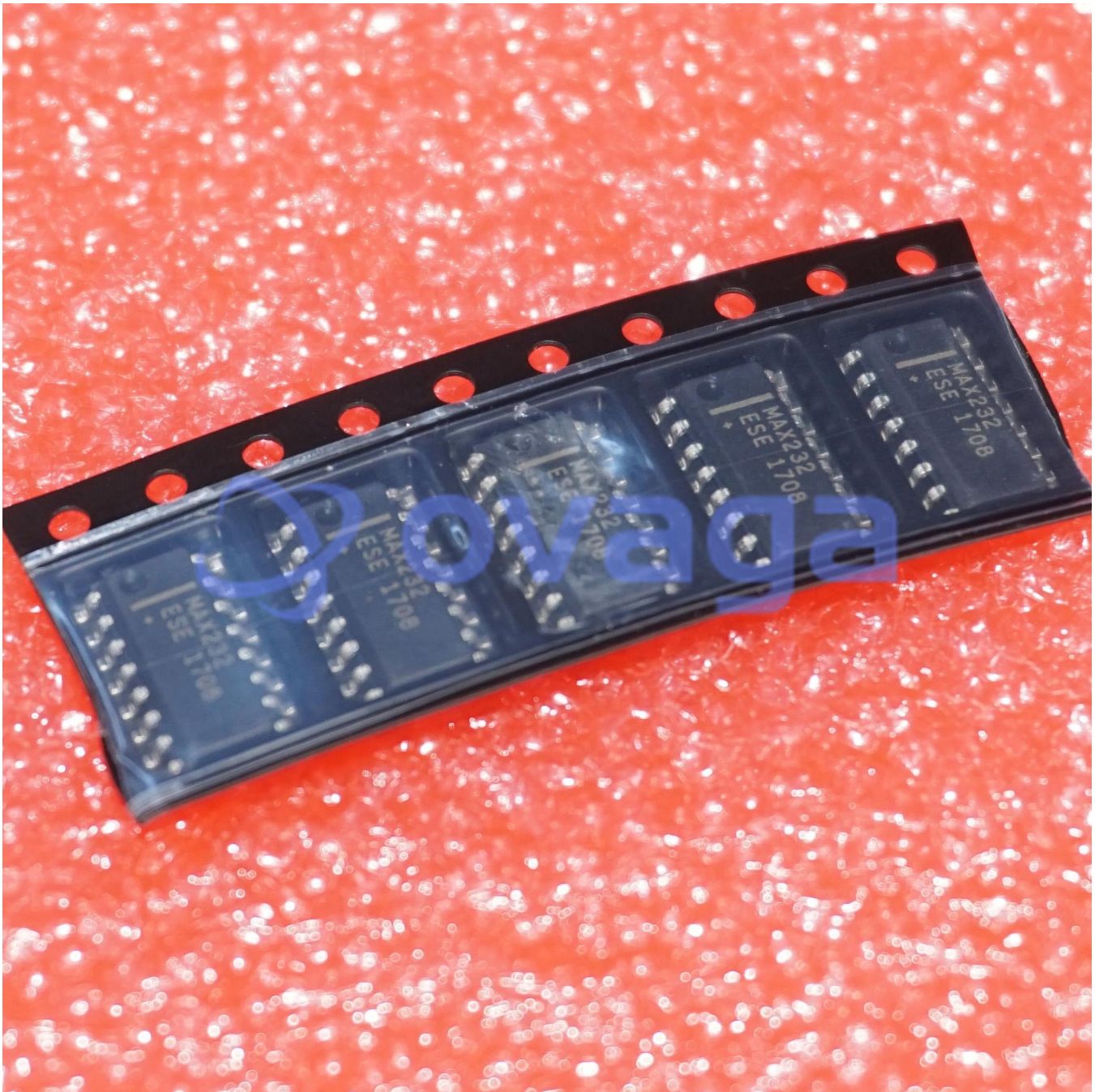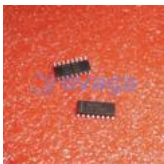
Related Products

MAX3232EEUE

Analog Devices, Inc

TSSOP-16

MAX4544EUT+T

Analog Devices, Inc

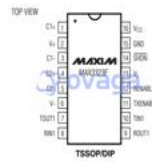SOT-23-6

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