Buffers & Line Drivers 5V 2Driver/2Receiver AVBL IN T&R ONLY

Manufacturers	STMicroelectronics, Inc
Package/Case	SO-16
Product Type	Interface ICs
RoHS	Rohs
Lifecycle	

Images are for reference only

Please submit RFQ for ST232CD or Email to us: sales@ovaga.com We will contact you in 12 hours.   RFQ

General Description

ST232CD is a part number for a dual driver/receiver IC (integrated circuit) that is commonly used for serial communication in electronic circuits. It is manufactured by STMicroelectronics, a semiconductor company based in Switzerland.

Features

Dual driver/receiver: the IC has two channels, each of which can transmit and receive data.

TTL/CMOS compatible: the IC is compatible with both TTL and CMOS logic levels, making it easy to interface with a wide variety of other electronic components.

Low power consumption: the IC consumes very little power, making it ideal for battery-powered devices.

Wide operating voltage range: the IC can operate over a wide range of supply voltages, from 4.5V to 5.5V.

ESD protection: the IC has built-in protection against electrostatic discharge, which can damage electronic components.
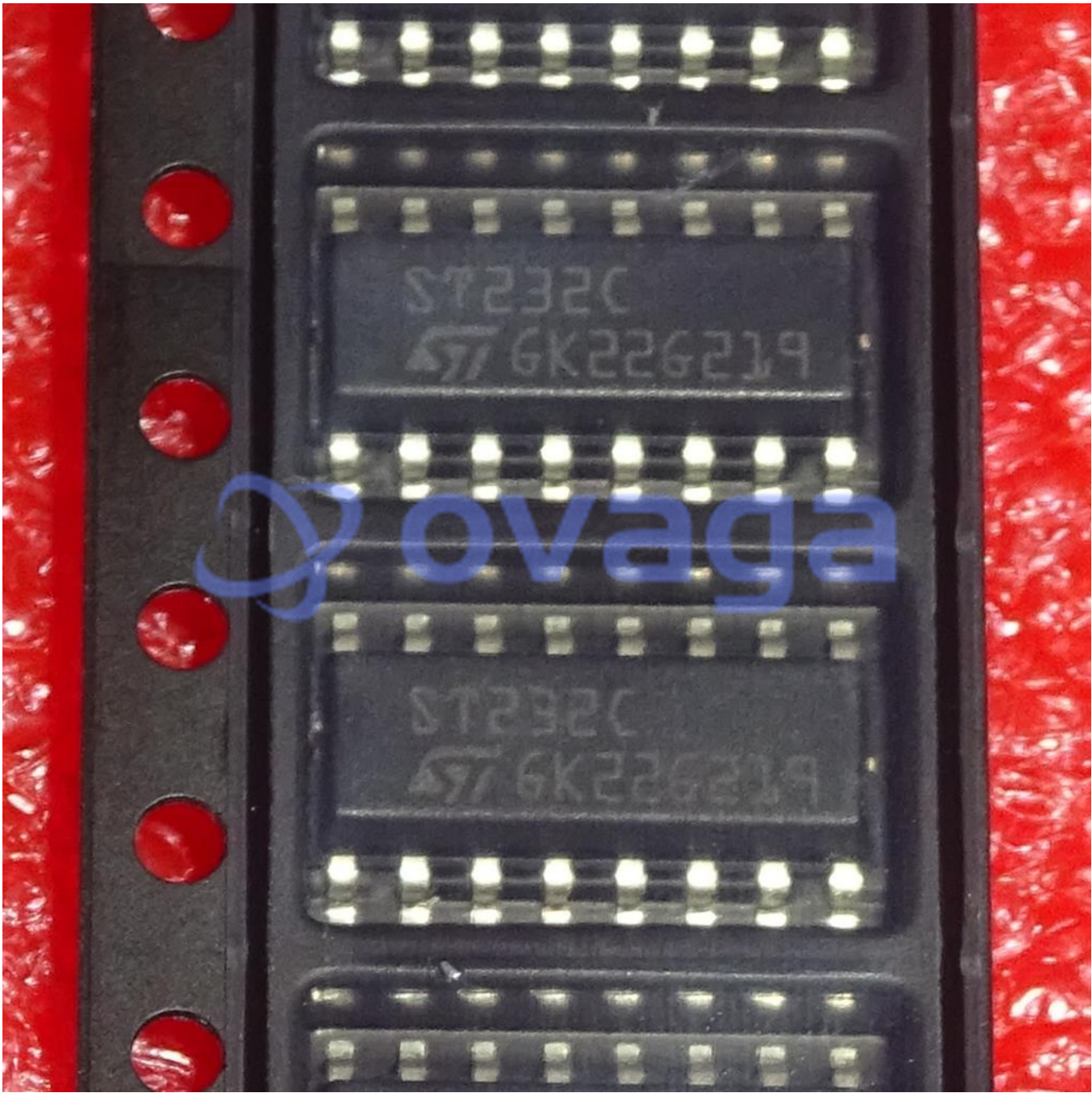
Application

RS-232 communication: the IC is often used to interface with RS-232 devices, such as serial ports on computers.
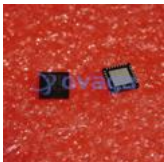
Industrial automation: the IC can be used in industrial control systems for communication between devices.

Medical equipment: the low power consumption and wide operating voltage range make the IC suitable for use in medical devices.

Consumer electronics: the IC can be used in a wide range of consumer electronics products, such as gaming consoles and remote controls.

Related Products

STV6111B

STMicroelectronics, Inc

QFN-32

ST202ECDR

STMicroelectronics, Inc

SO-16

ST3241EBPR

STMicroelectronics, Inc

SSOP-28

ST3222BTR

STMicroelectronics, Inc

TSSOP-20

ST485EXDR

STMicroelectronics, Inc

SO-8

ST3232CTR

STMicroelectronics, Inc

TSSOP-16

ST26C31BTR

STMicroelectronics, Inc

TSSOP-16

STV6412ADT

STMicroelectronics, Inc

TQFP-64