

UM3204Q用于漏极开路 and 推挽应用的4位双向电压电平转换器

产品名称	UM3204Q用于漏极开路 and 推挽应用的4位双向电压电平转换器
公司名称	深圳市恩优科技有限公司
价格	.00/个
规格参数	品牌:英联UNION 型号:UM3204Q 产地:中国
公司地址	深圳市宝安区西乡街道富成路36号西万大厦501
联系电话	0755-23225045 18680343006

产品详情

Key Specifications

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Product Description

The UM3204Q is quad channel ESD-protected level translator provide the level shifting necessary to allow data

transfer in a multi-voltage system. Externally applied voltages, VCCB and VCCA, set the logic levels on either side of the device. A low-voltage logic signal present on the VCCA side of the device appears as a high-voltage logic signal on the VCCB side of the device, and vice-versa. The UM3204Q bidirectional level translator utilizes a transmission-gate based design to allow data translation in either direction (VCCAVCCB) on any single data line. The UM3204Q accepts VCCA from +1.65V to +3.6V and VCCB from +2.3V to +5.5V, making it ideal for data transfer between low-voltage ASICs / PLDs and higher voltage systems.

The UM3204Q enters a three-state output mode to reduce supply current when output enable (OE) is low. The UM3204Q is designed so that the OE input circuit is supplied by VCCA. $\pm 5\text{kV}$ ESD protection on the VCCB side for greater protection in applications that route signals externally. The UM3204Q is a quad level translator available in QFN14 3.5×3.5 package.

Features

- Max Data Rates:
24Mbps(Push Pull),
2Mbps(Open Drain)
- Bidirectional Level Translation
- 1.65V to 3.6V on A Port and 2.3V to 5.5V on B Port(VCCA VCCB)
- $\pm 5\text{kV}$ ESD Protection on B Port
- No Power-Supply Sequencing Required VCCA or VCCB can be Ramped First
- QFN14 3.5×3.5 Package

Applications

- SPI, MICROWIRE and I2C Level Translation
- Low-Voltage ASIC Level Translation
- Smart Card Readers
- Cell-Phone Cradles
- Portable POS Systems
- Portable Communication Devices
- Low-Cost Serial Interfaces
- Cell-Phones
- GPS

- Telecommunications Equipment

Pin Configurations (Top View)

Ordering Information

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