

ICL3243ECAZ-T

Data Sheet

+,-15kV ESD Protected, +3V to +5.5V, 1Microamp, 250kbps, RS-232 Transmitters/Receivers

Manufacturers Renesas Technology Corp

Package/Case SSOP-28

Product Type Interface ICs

RoHS Rohs

Lifecycle



Images are for reference only

Please submit RFQ for ICL3243ECAZ-T or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFO

General Description

The ICL3221E, ICL3223E, ICL3232E, ICL3231E, and ICL3243E are 3.0V to 5.5V powered RS-232 transmitters/receivers that meet EIA/TIA-232 and V.28/V.24 specifications, even at>

The ICL324XE are 3-driver, 5-receiver devices that provide a complete serial port suitable for laptop or notebook computers. Both devices also include noninverting always-active receivers for "wake-up" capability.

The ICL3223E, ICL3223E, and ICL3243E feature an automatic power-down function that powers down the on-chip power supply and driver circuits. Power-down occurs when an attached peripheral device is shut off or the RS-232 cable is removed, which conserves system power automatically without changes to the hardware or operating system. These devices power up again when a valid RS-232 voltage is applied to any receiver input.

Features

ESD protection for RS-232 I/O pins to ± 15 kV (IEC61000)

Drop-in replacements for the MAX3221E, MAX3222E, MAX3223E, MAX3232E, MAX3241E, MAX3243E, and SP3243E

The ICL3221E is a low-power, pin-compatible upgrade for the 5V MAX221E

The ICL3222E is a low-power, pin-compatible upgrade for the 5V MAX242E and SP312E

The ICL3232E is a low-power upgrade for the HIN232E, ICL232, and pin-compatible competitor devices

RS-232 compatible with>

Meets EIA/TIA-232 and V.28/V.24 specifications at 3V

Latch-up free

On-chip voltage converters require only four external 0.1 µF capacitors at>

Manual and automatic power-down features

Ensured mouse driveability (ICL324xE only)

Receiver hysteresis for improved noise immunity

Ensured minimum data rate: 250kbps

Wide power supply range : single +3V to +5.5V

Low supply current in power-down state: 1µA

Pb-free (RoHS compliant)

Related Products



Renesas Technology Corp TSSOP-16

Renesas Technology Corp



ICL3232ECBNZ-T

ICL3221EIVZ

SOIC-16



ICL3241ECAZ

Renesas Technology Corp SSOP-28



ICL3243EIVZ

Renesas Technology Corp TSSOP-28



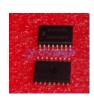
ICL3241EIAZ

Renesas Technology Corp SSOP-28



ICL3232EIBNZ-T

Renesas Technology Corp SOIC-16



ICL3232ECBZ

Renesas Technology Corp

SOIC-16



ICL3223IAZ

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SSOP-20