Anloy Technologies

Quad High Speed Differential Line Reciver

AT26LS32

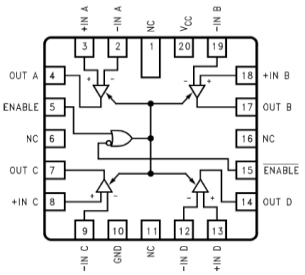
Die Manufacturers Available

» **National Semiconductor**

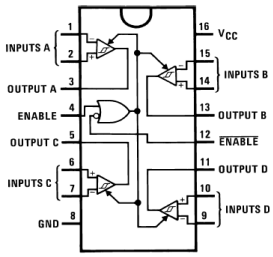
Product Features

» Operating Temperature range of +125°C to -55°C
» High differential or common-mode input voltage ranges of ±7V on the AT26LS32
» ±0.2V sensitivity over the input voltage range
» Meets all requirements of RS-422
» 6k minimum input impedance
» 100 mV input hysteresis
» Operation from a single 5V supply
» 3-State outputs, with choice of complementary output enables for receiving directly onto a data bus

Device Pin Outs



Ceramic LCC - E Suffix



Ceramic Dip - J Suffix

Flat Pack - W Suffix

General Description

The AT26LS32 is a quad differential line receivers designed to meet the RS-422 requirements for balanced and unbalanced digital data transmission. The AT26LS32 has an input sensitivity of 200 mV over the input voltage range of ±7V. The AT26LS32 has an enable and disable function common to all four receivers and features 3-state outputs with 8 mA sink capability. Constructed using low power Schottky processing, these devices are available over the full military and commerical operating temperature ranges. For further electrical specifications please contact Anloy Technologies or reference the original die manufacturers datasheet.

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