

NS3L500

Ethernet LAN Switch, 3 V, 8-Channel, 2:1 Gigabit, with LED Switch



Product Overview

For complete documentation, see the data sheet.

The NS3L500 is an 8-channel 2:1 LAN switch with 3 additional built-in SPDT switches for LED routing. This switch is ideal for Gigabit LAN applications due to its low ON-state resistance and capacitance giving the switch a typical bandwidth of 800MHz. The switch also has excellent ON-state resistance match, low bit-to-bit skew, and low crosstalk among channels. The switch is bidirectional and offers little or no attenuation of high-speed signals at the outputs.

Features

- 56-pin WQFN package
- Temperature Range:-40 to +85 degrees C
- Low ON-State Resistance

Applications

- 10/100/1000 Base-T Ethernet Signal Switching
- Hub and Router Signal Switching

Benefits

- Facilitates high-density PCB
- Robust in harsh environments
- Minimal signal attenuation

End Products

- Notebook Computers
- Docking Stations