



The DNA of tech.®

10 MBd High Speed Optocouplers

Save Energy, Enable Use With Low Voltage Microcontrollers and I²C and SPI Bus Systems



ADVANTAGE

10 MBd open collector optocouplers combine a low supply current of 5 mA with a wide voltage supply range of 2.7 V to 5.5 V

KEY PRODUCT FEATURES

- ✓ Offered in single- and dual-channel configurations
- ✓ Available in DIP-8, SMD-8, and SOIC-8 packages
- ✓ Low turn-on threshold current of 2 mA typical
- ✓ Maximum rated withstand isolation voltage up to 5000 V_{RMS}
- ✓ Isolation distances from 5 mm to 10 mm



RESOURCES

Application Notes:

[10 MBd High-Speed Optocoupler Design Guide](#)

[Optical Isolator for I²C Bus System](#)

[Optocoupler as Optical Isolator for SPI Bus System](#)

MARKETS AND APPLICATIONS



CONNECTIVITY

- Telecom mobile infrastructure
- Telecom fixed infrastructure



CONSUMER

- Entertainment
- Appliances



MOBILITY

- Automotive electrification (e-powertrain)
- Transportation



ENERGY SECTOR

- Generation and exploration
- Distribution and management
- Storage



INDUSTRIAL

- Automation and infrastructure
- Drives and tools
- Home and building controls



[Order Samples](#)



[VOIH060A, VOIH063A](#)



[VOH260A, VOH263A, VOWH260A](#)



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