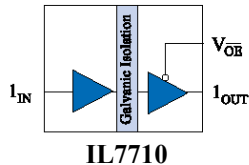


Introducing the IL7710

Lower Power Digital Isolator



The IL7710 is a new, lower power, high-speed digital isolator. The IL7710 offers the same performance as the IL710 but with only half the quiescent current consumption. Operation is limited to a reduced temperature range of -40°C to +85°C resulting in lower cost. The IL7710 is available in the same packages as the IL710 and can be supplied in tape and reel form.

FEATURES

- Total quiescent current < 2.0 mA
- 8 pin PDIP, SOIC packages
- 110 MBaud Data Rate (typical)
- Tri-state Output
- 5V or 3.3V Supply
- 2500 Vrms Isolation (1 minute)
- 2 ns Pulse Width Distortion
- 4 ns Propagation Delay Skew

APPLICATIONS

- Digital Fieldbus
- Data Interfaces
- Ground Loop Elimination
- Logic Level Shifting
- RS485 and RS422 Isolation
- Digital Noise Reduction
- Serial Communication
- Peripheral Interfaces

PRICING

\$1.75 in 1K+ quantity.

AVAILABILITY

Samples: Now

Production: Now

ADDITIONAL INFORMATION

Contact your local sales representative or distributor for additional information. Sales contacts are available at www.isoloop.com.

NVE FACTORY CONTACTS

North American Sales

Anthony Leali
Director of Standard Device Sales

Phone: 952-996-1619

Fax: 952-829-9189

Email: aleali@nve.com

International Sales

George Menzies
International Marketing Manager

(44) 01355 248 599

(44) 01355 520 668

georgem@nve.com