Auric SOLUTIONS

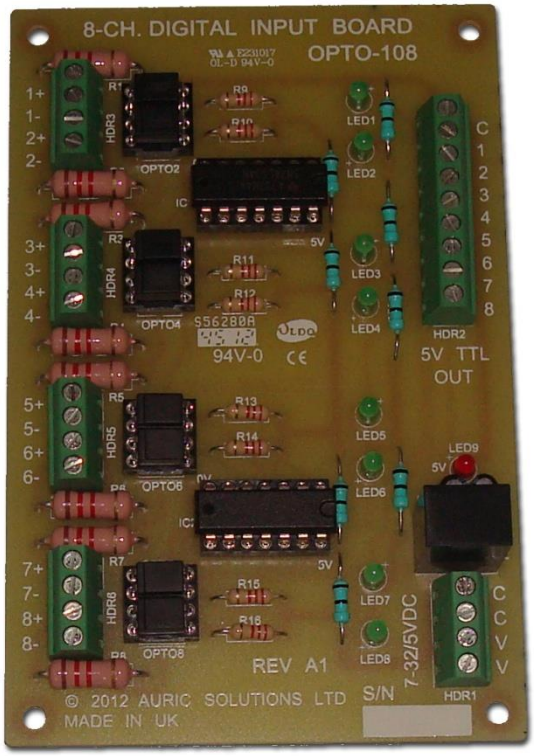
Experts in LabVIEW™ Software Development and Systems Integration for Test and Measurement

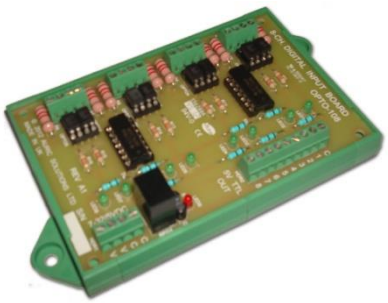
OPTO-108 Isolated Digital Input Board

The OPTO-108 8-channel Isolated Digital Input Board is a simple, low-cost solution to the common challenge of interfacing high-voltage signals from industrial equipment to standard 5V/TTL logic levels required by PC I/O boards, USB I/O modules, or other low-voltage electronic equipment.

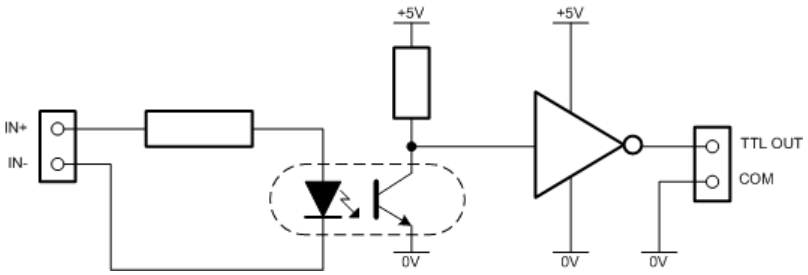
The OPTO-108 provides 8 independent optically-isolated differential digital input channels with a voltage range from 3 to 50 VDC, each with an LED to indicate the high state of the input. The board requires an external DC power supply of 7 to 32V, drawing a maximum of 0.75W with all inputs active. A special 5V version is available on request. Various mounting options allow the OPTO-108, measuring 110 x 72 mm, to be mounted directly using appropriate standoffs, or it can be mounted to a panel or DIN rail using the optional universal mounting base available at extra cost.

The OPTO -108 is designed and supplied by Auric Solutions Ltd, a National Instruments Certified Alliance Partner based in the UK. Visit www.auricsolutions.com to download the datasheet or to place an order. Send email enquiries or orders to info@auricsolutions.com.





- 8 channels of optically-isolated 3-50 VDC digital inputs
- 5V TTL non-inverted logic output per channel
- Designed to interface industrial equipment with low-voltage electronic circuits
- Screw terminals for all wiring connections
- 7-32 V DC supply input (0.75W max.), 5V version available
- Built as a single-sided PCB with various mounting options
- LED for each channel (input high) and for 5V supply rail
- 110 x 72 mm PCB footprint



www.auricsolutions.com/TTL-Input-Board.html

info@auricsolutions.com

Auric Solutions Limited • Director: Michael J Miles, *PhD*
Registered in England No. 4047304 • VAT 760 3785 19
A National Instruments™ Certified Alliance Partner

14 Brent Court, Emsworth, Hampshire PO10 7JA, UK
+44 (0) 7968 470945
info@auricsolutions.com • www.auricsolutions.com