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2015 New Products

2015 new product highlights included:



6 kV "V-Series" Isolators

Best-in-class high-voltage performance with 6 kVrms isolation, 1000 working voltage, 12.8 kV surge immunity, -40°C to +125°C, >10¹⁴ ohm barrier resistance, wide-body packages with True 8 mm creepage. Available in various channel configurations.



IL41050TTE Basic CAN Transceiver

The IL41050TT is a low-cost, basic isolated CAN transceiver without Vref output and silent mode input pins. 16-pin wide-body package with True 8 mm creepage.



Isolated CAN Evaluation Board

This Evaluation Board provides a complete isolated Controller Area Network node using one of NVE's IL41050-family isolated wide-body CAN transceivers. The board provides screw terminal connections, termination resistors, and pull-up resistors.



AKL Gear-Tooth Sensor Demonstrator

AKL-Series gear-tooth sensors are a simple, flexible rotational speed sensing solution. This easy-to-use demonstrator lets engineers try out a sensor in a simulated rotational sensing system.

Basic Isolated CAN Transceiver



The IL41050TTE is a low-cost, basic isolated CAN transceiver without VREF and Silent Mode pins, making it ideal for cost-sensitive applications.

The price may be basic, but the performance is

top-of-the-line:

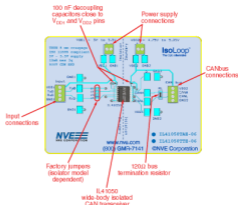
- 125°C operating temperature
- 180 ns typical loop delay
- ISO 11898 compliant
- >110 node fanout
- 1 Mbps
- 3.3 V or 5 V input logic
- 16-pin wide-body package with True 8 mm creepage

[Download Datasheet >](#)

Buy Online
\$9.95 shipping

Isolated CAN Evaluation Board

This board provides a complete isolated Controller Area Network node available with either an [IL41050TTE](#) or [IL41050TAE](#) isolated wide-body CAN transceiver.



The boards are fully ISO 11898 CAN compliant and accommodates 3 to 5.5 volt supplies. They provides screw terminal connections, termination resistors, and pull-up resistors.

Both boards provide basic CAN functions. The IL41050TAE version also provides Vref and silent-mode pins.

In addition to the new wide-body evaluation boards, NVE offers evaluation boards for its unique ultraminiature isolated CAN transceivers: the narrow-body [IL41050TA-3E](#) and the QSOP [IL41050TA-1E](#).

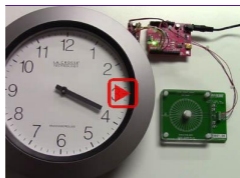
Buy Online
\$9.95 shipping

Featured Video

AAT Angle Sensor Demo With a Clock As an Angle Indicator

This slick demonstration shows the unique capabilities of AAT-Series tunneling magneto-resistance sensors. We connect an [AAT003 Angle Sensor](#) to an Arduino controller, and use a modified clock* as a position indicator.

The demo shows the large signal, precision, and quadrature capability of AAT-Series tunneling magneto-resistance sensors:



*No clocks were harmed in producing this video.