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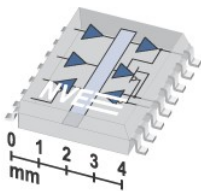
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NVE Stock Watch

NVE's stock (Nasdaq: NVEC) reached several new all-time highs in July.

Ultraminiature RS-485 Transceivers

NVE's unique IL3x85-3 narrow-body and IL3x85-1 QSOP isolated RS-485 transceivers are the world's smallest devices of their type—half or one-fourth the footprint of conventional SOIC wide-body isolators.



Features include:

- Up to 40 Mbps data rate
- PROFIBUS compliant
- 2500 VRMS isolation voltage
- 15 kV bus ESD protection
- Low EMC footprint
- 4 mm by 10 mm narrow-body SOIC-16 packages
- 4 mm by 5 mm low thermal resistance QSOP-16 packages

Like all IsoLoop[®] isolators, IL3x85-x Transceivers use NVE's patented IsoLoop spintronic Giant Magnetoresistance (GMR) technology. A unique ceramic/polymer composite barrier provides excellent isolation and virtually unlimited barrier life.



0.3" SOIC-16, 0.15" SOIC-16, and QSOP-16 packages.

Several RS-485 part types are available in the ultraminiature packages:

Part Number	Bus	Data Rate (Mbps)	Isolation Rating	Packages
IL3085	RS-485	4	2.5 kV	QSOP-16 0.15" SOIC-16 0.3" SOIC-16
IL3585	RS-485	40	2.5 kV; 6 kV	0.15" SOIC-16 0.3" SOIC-16
IL3685	RS-485/ PROFIBUS	40	2.5 kV; 6 kV	QSOP-16 0.15" SOIC-16 0.3" SOIC-16

All part types are in stock and available for immediate delivery.

And if you want the fastest, highest isolation wide-body transceivers in the industry, [we have those too](#).

Buy Online
\$9.95 shipping

NEW! QSOP Transceiver Demonstration

When we show customers our unique QSOP isolators they're impressed with the tiny size, of course: one-fourth the footprint of conventional wide-body SOICs.

But once in a while we have to prove to skeptics that an isolated transceiver that small actually works.

So we have a tiny, really simple demo with an onboard oscillator and on-board battery and a QSOP isolator driving LEDs.

The demo runs at 6 Hz so you can see it, but we have QSOP transceivers that run up to 40 megabaud:

