

In This Issue

[Product News](#)

[Isolated Rectification](#)

Quick Links

[Sensor Selector Guide](#)

[Isolator Selector Guide](#)

[Online Store](#)


[Contact Us](#)

Awards & Accolades

NVE was named one of the fastest-growing public companies in Minnesota in the 2009 rankings by the *Minneapolis/St. Paul Business Journal* released in May.

The 2009 list includes companies of all sizes; NVE was also included in the 2008 list of Fastest-Growing Small Public Companies. [<More Accolades>](#)

Fun Fact

 The critical copper layers in NVE devices are in the range of several nanometers thick, nearly a million times thinner than a penny. If a copper penny were rolled to the thickness of the layers, it would be about 10 miles in diameter and twice the area of Eden Prairie, Minn. [<More Fun Facts>](#)

Product News

New Isolator Catalog



Eight pages chock full of important isolator information and illustrative applications, the IsoLoop Short-Form Catalog has just been updated. Revision H reflects recent specification improvements. The popular catalog is indispensable for everyone who specifies or purchases isolators. [<Download the Catalog>](#) [<Request Printed Catalog>](#)

Isolators in the News

The advantages of NVE IsoLoop  isolators over conventional devices were summarized in an article in the May 20, 2009 issue of the Danish magazine *Electronic Supply*. The article was written by Henrik Eilers of Rhopoint Nordic Aps. [<Links to This and Other Articles About NVE>](#)

Recent Trade Shows

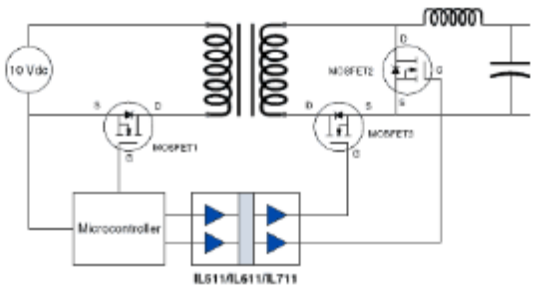


The Sensor/Test exhibition wrapped up May 28 in Nuremberg, Germany. Our thanks to everyone at NVE and our distributor HY-LINE Sensor-Tech who helped make the exhibition a great success.

Application Corner

Isolated Synchronous Rectification

By [Sandy Templeton](#)
Director, Isolator Product Development and Applications



Intelligent DC-DC Converter With Synchronous Rectification

A typical primary-side controller uses a IL511, IL611, or IL711 isolator to drive the synchronous rectification signals from primary side to secondary side.

IsoLoop pulse-width distortion as low as 0.3 ns typical minimizes MOSFET dead time and maximizes system efficiency.

Ultra-small isolator packages (including unique two-channel MSOP-8s), allow the designer to squeeze more into less board area.

[<More Isolator Power Applications>](#)