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Semtech's Award Winning UHD-SDI Gearbox Enables LYNX Technik's greenMachine titan

An industry-leading hardware processing platform that delivers innovative UHD capable video processing

LAS VEGAS, April 25, 2017 (GLOBE NEWSWIRE) -- [Semtech Corporation](#) (Nasdaq:SMTC), a leading supplier of analog and mixed-signal semiconductors, and [LYNX Technik AG](#), a developer of equipment for broadcast and professional AV signal processing applications, announce the integration of Semtech's high-performing UHD-SDI solutions into LYNX's revolutionary UHDTV-capable video processing platform, the [greenMachine](#) titan.

A photo accompanying this announcement is available at

<http://www.globenewswire.com/NewsRoom/AttachmentNg/b50d2721-3c14-4fa6-a1b1-b063fea17f81>

A new concept in video and audio processing platforms, the greenMachine hardware is a generic processing unit with flexible inputs and outputs and scalable processing power. By installing different software applications (APPs), the greenMachine provides precisely tailored processing to fit a wide range of end-user requirements. Semtech's award winning [UHD-SDI GS12070 Gearbox](#) is a key enabler of greenMachine's strong flexibility.

"By integrating Semtech's solution, we are able to support both multi-link and single-link SDI interfaces for emerging UHDTV video applications," said Winfried Deckelmann, CEO of LYNX Technik. "With Semtech's UHD-SDI technology, we are able to provide our customers with added flexibility and innovative products."

"LYNX Technik's adoption of 12Gbps UHD-SDI into greenMachine enables innovative UHDTV video production," said Don Shaver, Director of Video Product Marketing for Semtech's Signal Integrity Products Group. "Semtech's 12Gbps UHD-SDI Gearbox and comprehensive portfolio of broadcast semiconductor solutions provide industry-leading performance, features and flexibility."

GS12070 UHD-SDI Gearbox

Semtech's [GS12070 UHD-SDI Gearbox](#) is a revolutionary product with the configurability to perform both multiplexing and de-multiplexing between different UHD-SDI single- and multi-link interfaces. The device supports emerging 12Gbps and 6Gbps UHD-SDI interfaces as well as existing 3G-SDI and HD-SDI.

The Gearbox allows the seamless integration of end-products using 12Gbps UHD-SDI for 4K UHDTV applications into the pre-installed 3G-SDI based broadcast infrastructure. Single-link 12Gbps UHD-SDI to Quad-link 3G-SDI conversion, in both directions, is just one of the many features of the GS12070 UHD-SDI Gearbox.

About Semtech

Semtech Corporation is a leading supplier of analog and mixed-signal semiconductors for high-end consumer, enterprise computing, communications, and industrial equipment. Products are designed to benefit the engineering community as well as the global community. The Company is dedicated to reducing the impact it, and its products, have on the environment. Internal green programs seek to reduce waste through material and manufacturing control, use of green technology and designing for resource reduction. Publicly traded since 1967, Semtech is listed on the Nasdaq Global Select Market under the symbol SMTC. For more information, visit www.semtech.com.

About LYNX Technik AG

LYNX Technik AG is a German company specializing in the development of high quality products for the professional and broadcast market sectors. Our multi-talented Engineering team has decades of accumulated experience in the broadcast

 Semtech and LYNX

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and post production fields and have been honored with individual engineering Emmy awards for outstanding engineering achievements in this field. For more information, visit www.lynx-technik.com.

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The photo is also available at Newscom, www.newscom.com, and via AP PhotoExpress.

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