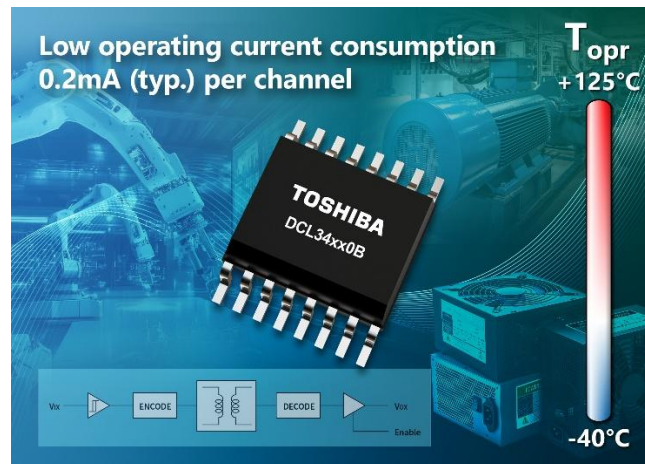




Toshiba expands digital isolator line-up with low-power quad-channel devices

New products combine 0.2mA per-channel current consumption, 25Mbps data rates and 125°C operation

Düsseldorf, Germany, 13th August 2026 – Toshiba Electronics Europe GmbH ("Toshiba") has expanded its DCL34xx0B series of standard digital isolators with four new quad-channel devices for industrial automation equipment. The new devices achieve typical current consumption of 0.2mA per channel while supporting data rates of up to 25Mbps. Applications include programmable logic controllers (PLCs), I/O interfaces, sensors, actuators, motor drives, inverters and switching power supplies.

The DCL34xx0B series operates from supply voltages of 2.25V to 5.5V and provides a minimum isolation voltage of 3000Vrms. Housed in a compact SSOP16 package, the devices support operation across a temperature range of -40°C to +125°C. Using Toshiba's magnetic-coupling isolation technology, the new devices provide isolated signal transmission while maintaining low power consumption. Common-mode transient immunity (CMTI) is specified at 30kV/μs (min).

The new additions comprise the [DCL340L0B](#) and [DCL340H0B](#) with four forward channels and zero reverse channels (4:0), and the [DCL342L0B](#) and [DCL342H0B](#) with two forward channels and two reverse channels (2:2). Together with the existing DCL341L0B and DCL341H0B devices, which provide a three-forward, one-reverse channel configuration (3:1) for applications including SPI interfaces, the DCL34xx0B series offers flexible channel configurations for a wide range of industrial communication and control systems.

The DCL34xx0B family complements Toshiba's wider portfolio of digital isolators, which includes the DCL54xx01A and DCL52xx00 series for industrial equipment and the DCM34xx01 and DCM32xx00 series for automotive applications. This enables designers

to select devices based on communication speed, channel configuration and application requirements.

For more information on the DCL34xx0B series, visit:

[DCL340L0B](#)

[DCL340H0B](#)

[DCL342L0B](#)

[DCL342H0B](#)

Follow the link below for more on Toshiba's Isolators/Solid State Relays:

[Isolators/Solid State Relays](#)

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About Toshiba Electronics Europe

[Toshiba Electronics Europe GmbH](#) (TEE) offers European consumers and businesses a wide variety of hard disk drive (HDD) products plus semiconductor solutions for automotive, industrial, IoT, motion control, telecoms, networking, consumer and white goods applications. Next to HDDs, the company's broad portfolio encompasses power semiconductors and other discrete devices ranging from diodes to logic ICs, optical semiconductors as well as microcontrollers and application specific standard products (ASSPs) amongst others. In addition, TEE offers SCiB™ battery cells and modules with lithium titanium oxide (LTO) for heavy-duty applications.

TEE has its headquarters in Düsseldorf, Germany, with branch offices in France, Italy, Spain, Sweden and the United Kingdom providing marketing, sales and logistics services.

Visit Toshiba's websites at www.toshiba.semicon-storage.com and www.scib.jp/en for further company and product information.

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