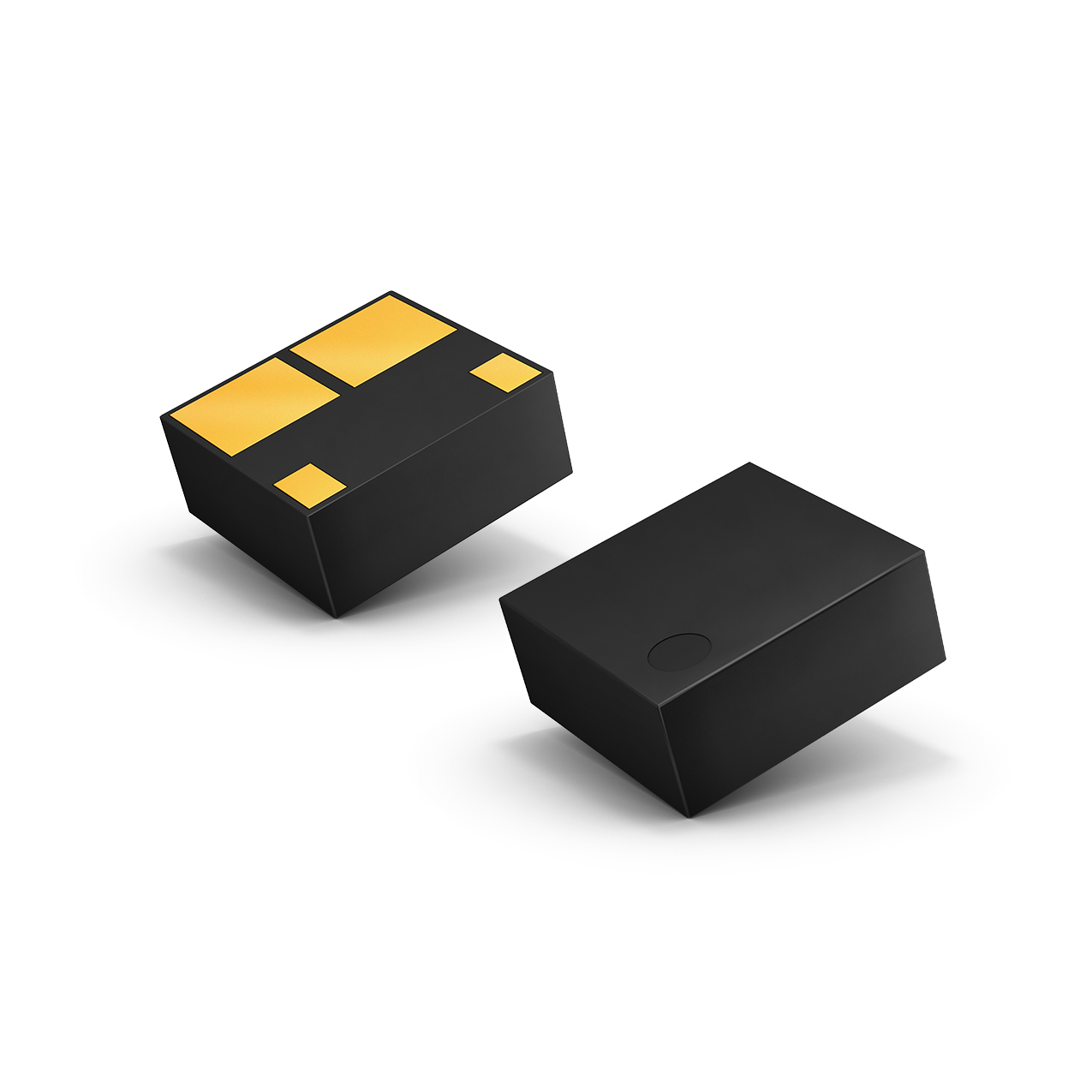
CC you soon: Discover the world’s smallest 1b type MOSFET relay

Panasonic Industry extends successful CC series of its PhotoMOS® TSON packs with an unrivalled compact and capacitive coupled 1b type.

Munich, MARCH 2022

It was only to be expected: After the first models of the CC series – all normally open (NO) relays in TSON packages – had been very well received in the market, Panasonic Industry is now introducing the corresponding normally closed (NC) type of its ultra-miniature PhotoMOS® types.

“We are pretty certain that our 1FormB TSON type is currently matchless throughout the industry – as far as size and current consumption are concerned”, states Michael Renner from Panasonic Industry Europe. “With just an eighth of a SOP4 package’s size and 1/10 of its current consumption, our latest member in the PhotoMOS® family considerably contributes to space and energy savings in application designs that keep getting smaller and smaller, for example telecommunication, measurement or medical equipment.”

Other than many of the currently available PhotoMOS® relays, the TSON types’ galvanic isolation between input and output is not optical but capacitive. This does not only enable a significantly smaller design but also offers considerable advantages in the temperature range, the drive power and the switching times. Thus, the new TSON relays can be used in working conditions with up to +105°C ambient temperature. The current required for control is typically as low as 0.04mA and the input can be operated directly with voltages of typically 3.3Vin. Hence, for this voltage-driven type a series resistor – as usually required by conventional PhotoMOS® types – is no longer necessary.

With the CC series’ 1FormB type, Panasonic Industry completes its range of ultra-compact TSON variants for now - and once again takes a step forward into the post-electromechanical era of modern and compact relay technology.

CC you there!

Key Features

* Ultra-small TSON package
* 1FormA and 1FormB types available
* Switching capacity of 1FormB type: 60V, 0.15A
* Low On resistance
* Low output capacitance
* Voltage-sensitive input
* High temperature range up to +105°C
* Linear output characteristics
* High reliability and unlimited switching cycles
* AC/DC switching

Visit the Panasonic Industry [product website](https://industry.panasonic.eu/components/relays/photomos-relays/cc-series-capacitor-coupled-type-small-tson-package) for more detailed information.

**About Panasonic**

Panasonic Corporation is a global leader developing innovative technologies and solutions for wide-ranging applications in the consumer electronics, housing, automotive, and B2B sectors. The company, which celebrated its 100th anniversary in 2018, operates 522 subsidiaries and 69 associated companies worldwide and reported consolidated net sales of Euro 54.02 billion (6,698.8 billion yen) for the year ended March 31, 2021. Committed to pursuing new value through collaborative innovation, the company uses its technologies to create a better life and a better world for customers. Learn more about Panasonic: <https://www.panasonic.com/global>

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**About Panasonic Industry Europe**

Panasonic Industry Europe GmbH is part of the global Panasonic Group and provides automotive and industrial products and services in Europe. As a partner for the industrial sector, Panasonic researches, develops, manufactures and supplies technologies that support the slogan “A Better Life, A Better World”.

The company’s portfolio covers key electronic components, devices and modules up to complete solutions and production equipment for manufacturing lines across a broad range of industries. Panasonic Industry Europe is part of the global company Panasonic Industrial Solutions.

More about Panasonic Industry Europe: <http://industry.panasonic.eu>