HALO Introduces Single- and Dual-Output DC/DC Converters with Reinforced 4kVDC Isolation

Surface-mount 1W and 2W families combine 4kVDC isolation, reinforced insulation and continuous short-circuit protection

MUNICH, Germany — November 10, 2026 — HALO Electronics, Inc. announces a new series of reinforced isolation DC/DC converters at Electronica 2026 in Munich, Germany. The portfolio includes unregulated single-output 1W and 2W converters and unregulated dual-output 2W converters, giving designers a choice of single or positive-and-negative dual outputs.

The surface-mount converters feature 4kVDC isolation, reinforced insulation, and 5mm clearance and 8mm creepage, meeting two means of patient protection (2xMOPP). Both families offer an operating temperature range of −40°C to +105°C and continuous short-circuit protection.

Single- and Dual-Output Options

The single-output family offers nominal inputs of 3.3V, 5V and 12V, with output options of 3.3V, 5V and 12V. The DCR14 and DCR24 single-output ranges provide flexibility for designs requiring an isolated voltage, with listed full-load efficiencies reaching 88%.

The DCR24 dual-output 2W family offers nominal inputs of 3.3V, 5V, 12V and 24V, with model-dependent outputs of ±3.3V, ±5V, ±12V and ±24V. Listed full-load efficiencies reach 89%, providing positive and negative isolated rails from a single module.

Product Information

For specifications and model selection, contact HALO Electronics at (650) 903-3800 or info@haloelectronics.com. Product information is available at www.haloelectronics.com/products/dc-dc-converters.

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