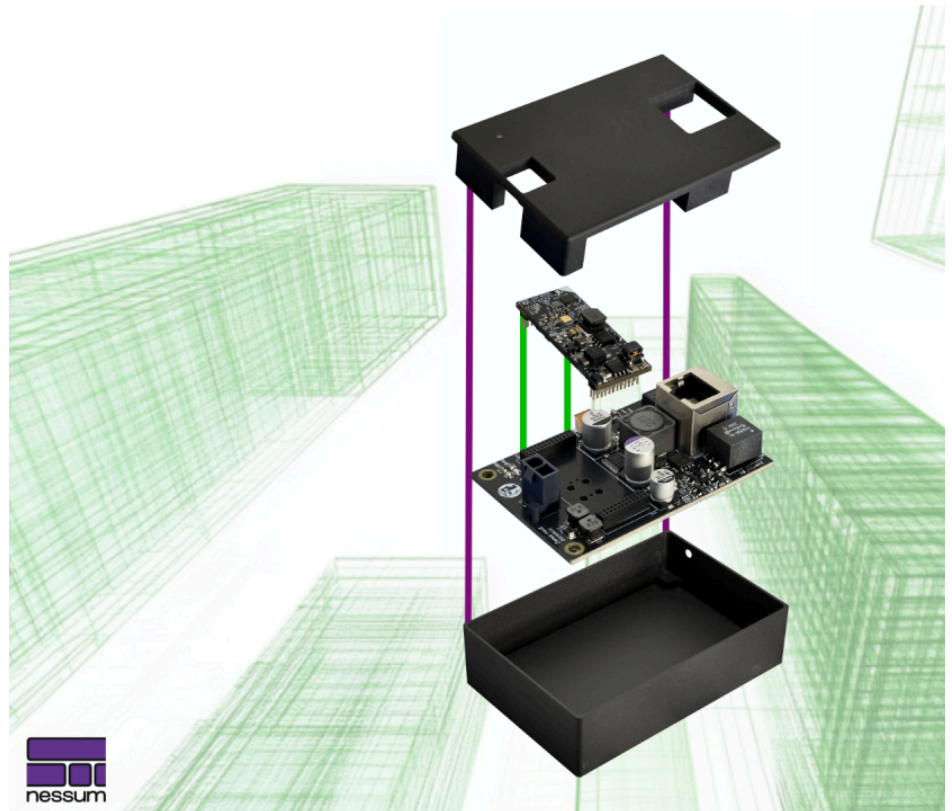


Domatic Launches PowerNode: Revolutionizing Smart Building Technology Integration

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San Mateo, California - Domatic is excited to announce the launch of PowerNode, an innovative PCB module designed to simplify the integration of smart technology into building fixtures. This new product is an important step forward in Domatic's mission to transform the way buildings are wired and managed.

PowerNode is a compact yet powerful module, measuring just 40mm x 16mm, that easily connects building fixtures to Domatic's intelligent power network. With all necessary components and firmware for the Domatic Power Network Protocol, PowerNode allows manufacturers to focus on developing their core products while integrating smart capabilities with minimal effort.



"PowerNode offers a quick and efficient solution for fixture manufacturers who want to enter the smart building market," said **Jim Baldwin**, CEO of Domatic. "By removing the need for additional microcontrollers and simplifying the integration process, we're helping make smart buildings more accessible and cost-effective to create."

"We're thrilled to see PowerNode help expand the use of the **Nessum protocol** in connecting devices worldwide," said **Michimasa (Mitch) Aramaki**, President & Chair of the [Nessum Alliance](#). The **Nessum Alliance**, founded by **Panasonic**, certifies compatibility between communication devices based on the **IEEE 1901** standard. Domatic has been a member of the alliance since 2024.

Key Features of PowerNode:

- **Comprehensive Protocol Support:** Includes serial, I2C, SPI, GPIOs, ADCs, DACs, and PWMs for versatile connectivity.
- **Built-in Firmware Support** via the Fixture Development Kit (FDK), making integration easier.
- **Efficient DC Power Conversion** for 48v-60v systems.
- **Fully-Integrated Domatic Functionality:** Simplifies device PCB design for faster development.
- Compact Form Factor for easy, space-efficient implementation.

Alongside PowerNode, Domatic offers the **Fixture Development Kit**, which includes reference designs, sample code, and detailed API documentation to help manufacturers quickly transition to smart-enabled products for a variety of applications, including lighting, ventilation, sensors, meters, heating/cooling, and window treatments.

PowerNode's efficient DC power design leads to smaller, energy-efficient drivers compared to traditional AC alternatives, aligning with the growing demand for sustainable building solutions. Its flexible design serves both as a communication interface and a local hardware controller, reducing component costs and simplifying product design.

For more information about PowerNode and Domatic's intelligent building solutions, visit <https://domatic.io>

About Domatic

Domatic is transforming the building industry through innovative low-voltage infrastructure that simplifies the design, installation, and maintenance of smart building technology. The company's comprehensive platform enables the full potential of intelligent buildings while eliminating traditional integration challenges.

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