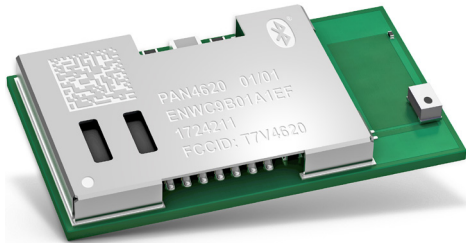


# PAN4620

## Bluetooth® 4.2 LE and IEEE® 802.15.4 Module

**Panasonic**  
INDUSTRY



### IoT Dual Mode Module

The PAN4620 is Panasonic's Internet of Things dual mode module comprising NXP's Kinetis KW41Z SoC - a 2.4 GHz 802.15.4 and Bluetooth® Low Energy wireless radio microcontroller based on an ARM® Cortex-M0+ core. Using the PAN4620 with low power consumption in combination with NXP's certified Thread® stack, Bluetooth® Low Energy stack or a combination of both for concurrent operation allows to meet IoT application requirements without the need for a gateway.

### Key Features

- Featuring NXP's KW41Z
- ARM® Cortex®-M0+, 128 kB SRAM and 512 kB Flash
- Single and concurrent operation of Thread® and Bluetooth® 4.2 LE
- Flexible usage with Host mode and Stand-alone mode
- SMT Size: 15.6mm x 8.7mm x 1.9mm
- Voltage range: 1.8V to 4.2V
- Temperature range: -40°C to 85 °C
- 6.1mA Tx (0 dBm) / 6.8mA Rx (1Mbps) @3.6V



#### Industrial IoT

- Smart Energy / Occupancy Sensor
- Access Control Security Systems
- Industrial Mesh Networks



#### Smart Home/Building

- Home Area Networks
- Smart Lighting
- HVAC Automation



#### Medical Devices

- Portable Healthcare
- Powered Patient Beds
- Wireless Insulin Pump



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