



Connected by Panasonic Industry

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Now Available!



Use the new App from Panasonic Industry to get information about the Wireless Connectivity Portfolio, see Data Sheets and get connected!

The Connected App works together with Panasonic's Evaluation Kits to set up first demo cases and can fit as a starting point for development.



Documents



Demos



Sourcecode



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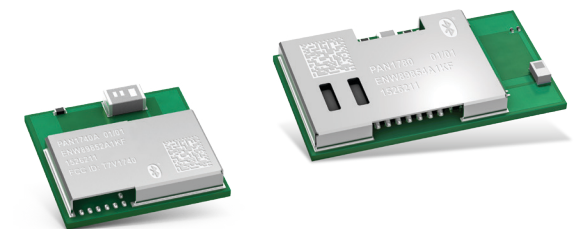
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Wireless Modules by Panasonic Industry

Fast Implementation and Reliable Performance - Adding wireless connectivity to your design has never been easier

- Bluetooth®
- IEEE®802.15.4
- Wi-Fi® (2.4GHz & 5GHz)

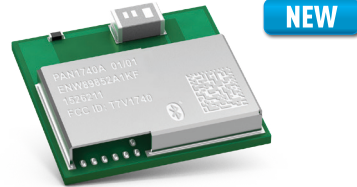




PAN1740A

Bluetooth® 5.0 Low Energy Module

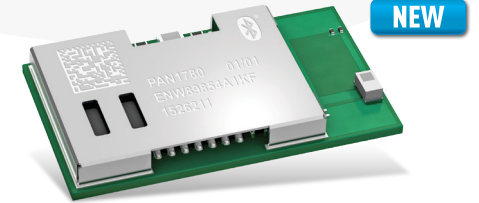
- Bluetooth® 5.0 Low Energy core features and high duty cycle and efficient non-connectable advertising
- Autonomous Bluetooth® Low Energy stand-alone operation possible
- Optimized for Remote Control Units (RCU) requiring support for voice command and motion/gesture recognition
- Featuring Dialog DA14585
- ARM® Cortex®-M0, 96kB SRAM, 64kB OTP
- Power Consumption: 4.9mA Tx (0dBm) / 4.9mA Rx (1Mbps) @3V
- Small form factor: 9.0mm x 9.5mm x 1.8mm



PAN1780

Bluetooth® 5.0 Low Energy Module

- Simultaneous operation of Bluetooth® 5.0 & IEEE 802.15.4
- LE 2Mbps high-speed / long range
- Output Power of +8 dBm and Sensitivity of -105 dBm
- Supports Bluetooth® Mesh
- Software update over-the-air
- Featuring Nordic nRF52840 SoC
- Cortex™ M4F processor, 256kB RAM, 1MB flash memory
- Includes ARM® TrustZone® Cryptocell 310 supporting secure boot
- Power Consumption: 4.8mA Tx (0dBm) / 4.8mA Rx (1Mbps) @3.3V



Smart Home / Building

- Smart Lighting Systems
- Metering
- Smart Home Nodes



Beacons

- Proximity Tags
- Tracker
- Remote Controls



Smart Home / Building

- Building Automation
- Smart Locks
- Lighting Control



Industrial IoT

- Smart City Infrastructure
- Industrial Mesh Network
- Edge Computing