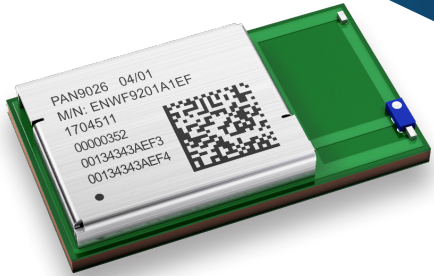


PAN9026

Panasonic's allround solution module

Panasonic
INDUSTRY



Wi-Fi® Dualband 2.4/5.0 GHz and Bluetooth® Classic & Low Energy

The PAN9026 is a dual band 2.4/5 GHz 802.11 a/b/g/n Wi-Fi radio module with integrated Bluetooth® BDR/EDR/LE, specifically designed for highly integrated and cost-effective applications. The simultaneous and independent operation of the two standards enables high data rates (802.11n) and low-power operation (Bluetooth® Low Energy). Furthermore, the module reduces design, test, and calibration effort resulting in reduced time-to-market compared to discrete solutions.

Key Features

- Featuring Marvell's 88W8977
- Dual simultaneous and independent WLAN and Bluetooth® operation
- Supports 802.11i security standards through AES, CCMP and more security mechanisms
- Power management with sleep clock
- SMT Size: 17.5mm x 10.0mm x 2.6mm
- Power supply: 1.8 V, 2.2V, 3.3V
- Temperature range: -30°C to 85°C
- 400mA Tx / 70mA Rx



Industrial IoT

- Mesh Networks
- Smart Energy
- Connected Sensors



Smart Home/Building

- Home Gateways
- Wireless Audio
- Security Cameras



Medical Devices

- Patient Surveillance
- Wearables



For further Information, please contact wireless.connectivity@eu.panasonic.com