

# PAN1326C2

## Bluetooth® Dual Mode Module

**Panasonic**  
INDUSTRY



### Small Size HCI Module

Panasonic's PAN1326C2 is a Host Controlled Interface (HCI) Bluetooth® Radio Frequency (RF) module that brings Texas Instruments™ seventh generation Bluetooth core integrated circuit, the CC2564C, to an easy to use module format. The PAN1326C2 is Bluetooth® 4.2 compliant and it offers best-in-class RF performance with about twice the range of other Bluetooth Low Energy (LE) solutions.

## Key Features

- Featuring Texas Instruments CC2564C
- Bluetooth® Classic (BR/EDR) and Bluetooth® Low Energy v4.2
- Best-in-class Bluetooth RF performance (Tx, Rx sensitivity, blocking)
- Interfaces: UART, GPIO, PCM
- SMT Size: 9.0mm x 9.5mm x 1.8mm
- Voltage range: 1.7V to 4.8V
- Temperature range: -40°C to 85°C
- 40mA Tx (8dBm) / 20mA Rx (1Mbps)



### Industrial IoT

- Sensor Hubs
- Factory Automation
- Cable Replacement



### Smart Home/Building

- Wireless Audio
- Printers / Scanners
- Access Points



### Medical Devices

- Healthcare Accessoires
- Fitness Sensors



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