PAN1740A
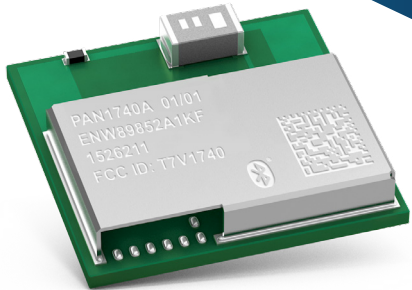## Bluetooth® 5.0 Low Energy Module

Small size and reduced boot time

The PAN1740A is an optimized version of the PAN1740, offering a reduced boot time and supporting up to 8 connections to allow greater flexibility to create more advanced applications. It can be used as a standalone application processor or as a data pump in hosted systems. The device is optimized for remote control units (RCU) requiring support for voice commands and motion/gesture recognition. The Bluetooth® Low Energy firmware includes the L2CAP service layer protocols, Security Manager (SM), Attribute Protocol (ATT), the Generic Attribute Profile (GATT) and the Generic Access Profile (GAP). All profiles published by the Bluetooth® SIG as well as custom profiles are supported.

Key Features

- Featuring Dialog DA14585
- ARM® Cortex®-M0, 96kB SRAM, 64kB OTP
- Bluetooth® 5.0 Low Energy core features and High Duty Cycle and Efficient Non-Connectable Advertising
- Autonomous Bluetooth® Low Energy stand-alone operation possible
- SMT Size: 9.0mm x 9.5mm x 1.8mm
- Voltage range: 2.2V to 3.3V
- Temperature range: -40° to 85°
- 4.9mA Tx (0dBm) / 4.9mA Rx (1Mbps)

Industrial IoT

- Connected Sensors
- Human Interface Devices

Smart Home/Building

- Smart Lighting Systems
- Metering
- Smart Home Nodes

Beacons

- Proximity Tags
- Tracker
- Remote Controls

dialog SEMICONDUCTOR

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