

IN Your Future

Cost effective sensor applications

PAN1781 Bluetooth 5.3 Low Energy & 802.15.4 module

With the PAN1781 Bluetooth 5.3 module, Panasonic offers a cost-effective module that meets the requirements of applications that calls for a simple wireless link via Bluetooth. With the SPP over BLE profile, simple data can be sent to a remote station like a smart phone or any other Bluetooth device without having to dive deeply into Bluetooth development.

The small form factor, low power consumption and the support of the ANT+ protocol make the PAN1781 an ideal choice for battery-powered body-worn wearables in healthcare applications, or sensor applications in the smart home and building automation sector.

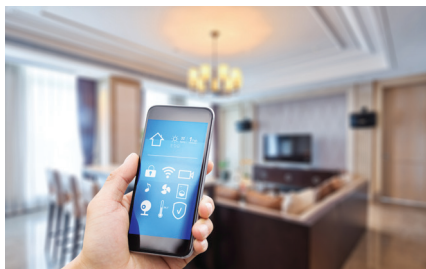
Bluetooth 5.3 & 802.15.4
based on nRF52820



- Extended range via optimized chip antenna & LE Coded PHY
- Including slow clock enabling low power consumption
- Low deep-sleep current 300nA
- Small size of 15.6 x 8.7 x 2.0 mm
- Extended certifications



Applications



Cut-the-cable



Wearables



Smart Sensors

Certified for

CE RED



FCC



ISED



UKCA



MIC



KCC



RCM



SRRC



100% end-of-line tested



0 ppm failure rate



European development & production



Long product longevity

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