PAN1780
Bluetooth® 5.0 Low Energy Module

High Performance and Long Range

The PAN1780 is a Bluetooth® 5.0 Low Energy Module based on the Nordic nRF52840 single-chip controller. The Bluetooth® 5.0 features enable a higher symbol rate of 2 Mbps using the high-speed LE 2M PHY. Furthermore, the new LE advertising extensions allow for much larger amounts of data to be broadcasted in connectionless scenarios. Besides Bluetooth® 5.0 with the qualified Bluetooth® mesh profile stack it supports 802.15.4 and NFC-A. With its Cortex™ M4F processor, 256kB RAM and the build-in 1MB flash memory it can easily be used in standalone mode, thereby eliminating the need for an external processor, saving complexity, space and cost.

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