QN9020DK: a highly extensible platform for application development of QN9020

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Overview

The QN9020DK board is designed to make it as easy as possible to get started with your project based on NXP® QN9020 Bluetooth Low Energy SOC.

The QN9020DK board integrates buttons, Piezo buzzer, LED for easy way to reset chip and indicate chip status. The DK board also provides useful interfaces such as USB port for UART communication and JLink debug, GPIO sensor.

The part number / Ordering code (12NC): QN9020DK / 9353 067 79598

Target Applications

Small and Medium Appliances

Specifications

Technical and Functional Specifications

Connectivity	• Contains Jlink-OB offering SWD and UART interfaces for QN9020 debug and communication • Mini USB port for power and communication port • Power source select jumper used for power source selection • Extended QN9020 GPIO Port used for interface extension • UART interface used as communication port for QN9020 device
Power Management	Current measurement jumpers used for measuring the QN9020 device power consumption
Components	• Button1/2 used as input • LED1/2 used as output to indicate QN9020 status

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Quick Start Guide

QN902x Quick Start Guide (REV 3.0)

PDF 5.0 MB   AN11664   [English]

Documents

Application Note (1)

QN902x Quick Start Guide (REV 3.0)

This application note discusses the use of QN9020 mini Development Kit (DK) for evaluating and developing Bluetooth Low Energy (BLE) solutions based on QN902x.

PDF   5.0 MB   24 Apr 2018   AN11664   [English]

Software

Embedded Software (1)

BSP, Drivers and Middleware (1)

QN902x SDK (REV 1.4.0)

QN902x BLE solution offers a complete Software Development Kit (SDK) to develop various single-mode BLE applications.

ZIP   36.0 MB   2018-12-21 10:26:00   QN902x-SDK

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About some of the settings⤢   Help needed to recover a qn9080-dk⤢

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