Quick Start Guide

QN9080 Development Kit

Development Kit for Wearable Devices
Featuring the QN9080 BLE SoC

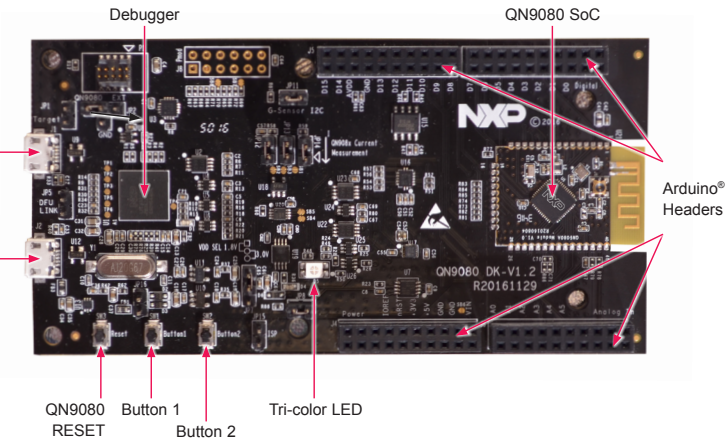## GET TO KNOW THE QN9080 DEVELOPMENT KIT

Figure 1: Front side of QN9080 Development Kit

STEP-BY-STEP INSTRUCTIONS

1 Download Software

Download Kinetis® BLE Toolbox to your smartphone.

Google Play™ store:
https://goo.gl/yCl4j7

Apple® App Store:
https://goo.gl/TXunnk

2 Power On & Advertise

Connect the micro-USB cable into the bottom USB port (J2) to power the board. Press button 1 to start advertising.

3 Open App

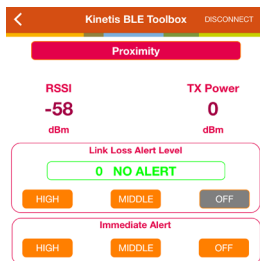Open the Kinetis BLE Toolbox app and click on Proximity.

Proximity

4 Choose Your Device

Proximity

NXP BLE
RSSI: -57 dBm

5 Select Alerts

Click Immediate Alert -> High to make the board LED blink green two times per second. Click Immediate Alert -> Middle to make it blink once per second.

< Kinetis BLE Toolbox   DISCONNECT

Proximity

RSSI   TX Power
-58   **0**
dBm   dBm

Link Loss Alert Level
0 NO ALERT
HIGH   MIDDLE   OFF

Immediate Alert
HIGH   MIDDLE   OFF

SUPPORT

Visit **www.nxp.com/support** for a list of phone numbers within your region.

WARRANTY

Visit **www.nxp.com/warranty** for complete warranty information.

Get Started

Explore more features and get started on your design at **www.nxp.com/qn9080/starthere**.

The following information is provided per Article 10.8 of the Radio Equipment Directive 2014/53/EU:

(a) Frequency bands in which the equipment operates.

(b) The maximum RF power transmitted.

PN	RF Technology	(a) Freq Ranges (EU)	(b) Max Transmitted Power
QN9080-DK	BLE	2400~2483.5 MHz	+2 dBm

EUROPEAN DECLARATION OF CONFORMITY (Simplified DoC per Article 10.9 of the Radio Equipment Directive 2014/53/EU)

This apparatus, namely QN9080 Development Kit for wearable devices, conforms to the Radio Equipment Directive 2014/53/EU.

The full EU Declaration of Conformity for this apparatus can be found at: **nxp.com/QN9080DK**

www.nxp.com/QN9080