

LED Blinky App Note

1. Overview

The LED Blinky App Note provides a sanity check for the new SDK build environments and board bring up. The LED Blinky demo uses the systick interrupt to understand the function of timing delay. The example turns ON and OFF the LED.

2. Hardware Requirements

- Carrier Main Board(JN5189)
- ARNO Mezzanine Card
- Mini USB Cable
- PC or Laptop

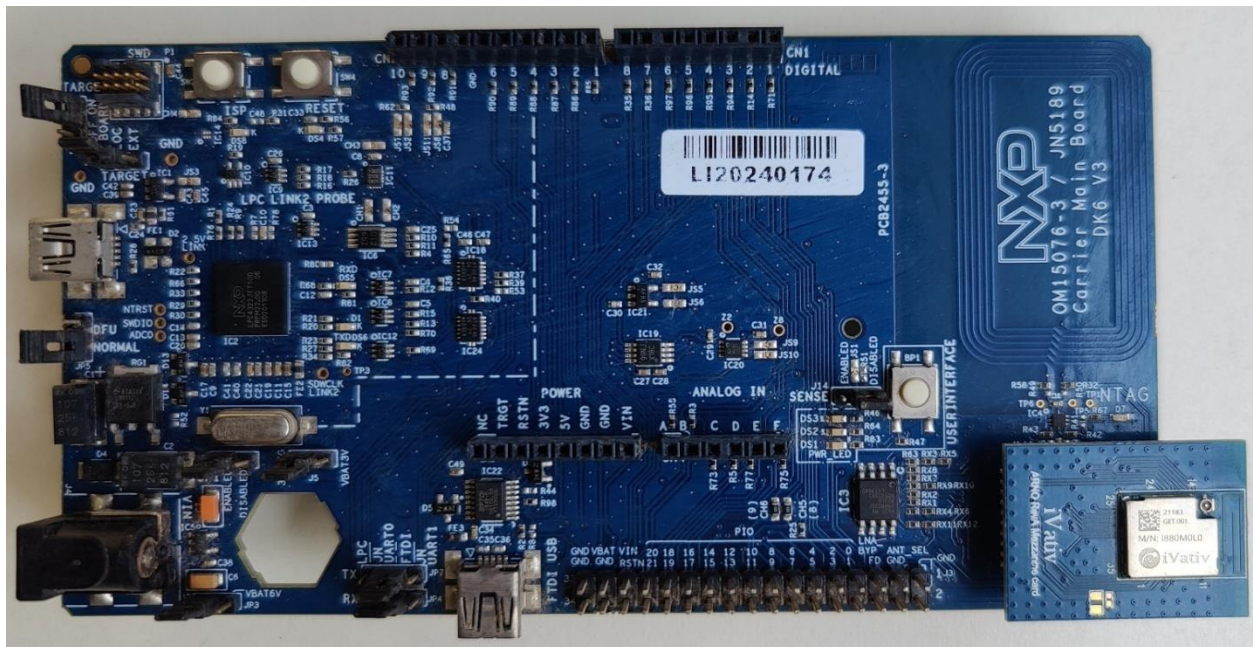
3. Software Requirements

- MCUXpresso IDE
- QN9090 SDK latest version
- Install IoT Toolbox in mobile from App Store/Google Play store

4. Procedure

Note: To make changes in QN9090 SDK for the ARNO module refer to ARNO module working procedure in ARNO USER GUIDE.

- Insert the ARNO Mezzanine Card on the Carrier board as shown in below figure



- Connect the ARNO DVK to the PC or Laptop with the mini USB cable
- Compile and run the application
- After flashing user can observe the LED(DS3) is blinking periodically.