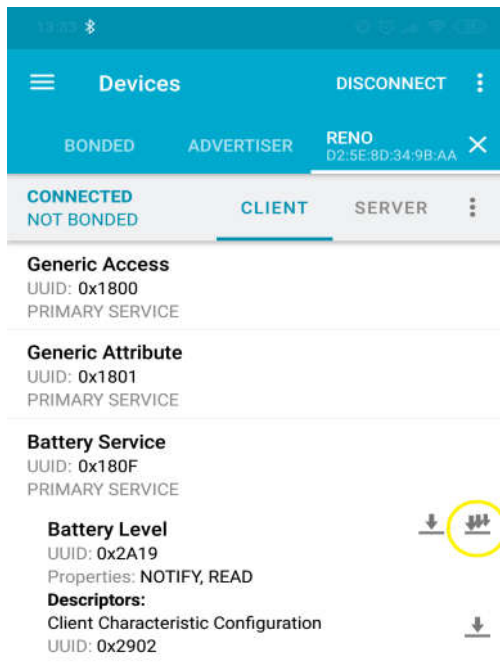
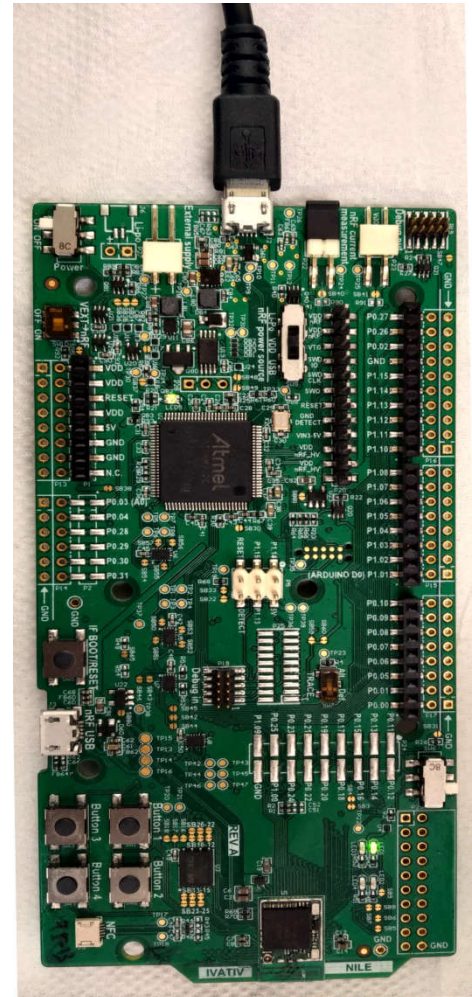


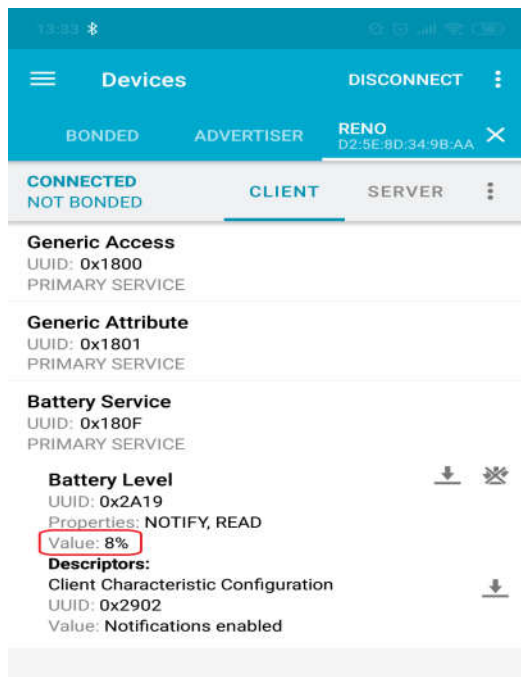
# RENO

## BT 5.0 + ZB/Thread + NFC-A Embedded Module

- ❖ Unpack the Kit box and verify all the items are available or not
- ❖ Connect Micro-USB cable between PC USB port and J2 Connector on DVK board
- ❖ Make sure that you have python installed in the PC
- ❖ Get the nRF connect mobile app from play store
- ❖ Power ON the RENO DVK
- ❖ Replace the COM port with the DVK comport in the script file (sensor\_node.py) line #19. Which is present in the release package
- ❖ Run the python script (Sensor\_node.py) on the Linux PC. Give command \$ **python Sensor\_node.py** . And observe the prints on the command line
- ❖ Open nRFconnect application in mobile
- ❖ Tap Scan button in nRFconnect to view DVK and check for name "RENO"
- ❖ Tap connect
- ❖ After RENO is connected, tap on Battery service
- ❖ Enable notifications by clicking the yellow color highlighted region



- ❖ Observe the DVK is sending simulated measurements to Battery Level characteristic



- ❖ As you see the value in the highlighted range will increase or decrease based on the server battery level

#### Release package

##### ❖ Documents

- RENO\_Flashing.pdf : Describes tools installation, flashing procedure
- RENO\_AT\_Commands\_User\_Guide.pdf : Contains the BLE AT commands description

##### ❖ Examples

- Sensor\_node.py : An example to demonstrate a battery service

##### ❖ Firmware

- iv\_connect.hex : iVativ connectivity application firmware
- Softdevice.hex : nRF (Nordic) BLE Softdevice

- ❖ RENO is preloaded with iVativ AT commands software

- ❖ Release\_notes\_v0.1.txt

- ❖ RENO\_quick\_start\_guide.pdf : This document