Quick Setup Guide for Sensor Hub - Nano

with Infineon Barometric Pressure Sensor (V2.0)

EVAL SHNBV01 DPS310
EVAL SHNBV01 DPS368

Infineon Sensor Hub – Nano
www.infineon.com/pressuresensor

Infineon Sensor Hub – Nano
powered by Bluetooth® 4.0
incl. DPS310 digital barometric pressure sensor

(infineon

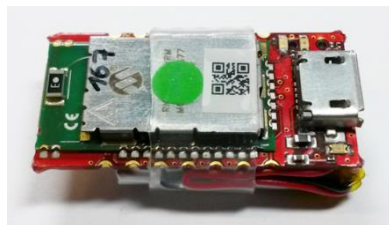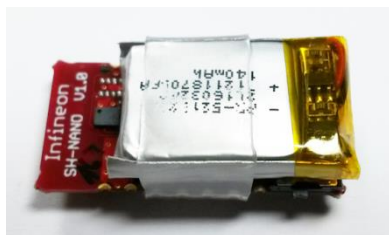# Recommended software and hardware requirements

1 Machine with Windows OS (with security patch updates)

2 Sensor Evaluation Software GUI (via "Infineon Toolbox")

3 Zip/Unzip Software

4 Connectivity

5 Micro USB Cable to charge the Nano-Hub

6 30MB of Free Space on HDD

Quick Setup for Digital Pressure Sensor Demo

STEP1

Box Content

Programmed Sensor Hub Nano with DPS310, DPS368

www.infineon.com/pressure sensor
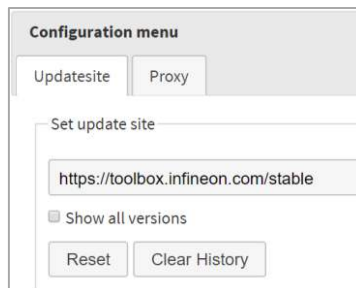
STEP2

Install Infineon Toolbox

Detailed instruction and download option:

www.infineon.com/toolbox

Set update site:

For Infineon internal: "http://toolbox.intra.infineon.com/updatesite/stable"

For external customers: "https://toolbox.infineon.com/stable"

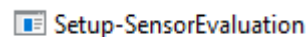**Go to "manage tools" and download "Pressure Sensor Kit"**
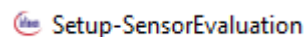
STEP3

Download GUI software

"SES2G Sensor Software Analyzer" (or use pre-installed software on Infineon Toolbox platform)

Unzip and Install

Double Click on

Setup-SensorEvaluation

this self-extracts the software into a new folder, explore the new folder and double click on

Setup-SensorEvaluation

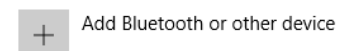This will install the application in Windows.

STEP4

Before Launching the GUI you must pair over Bluetooth

Launch Bluetooth Device Manager in Windows

If IFX_NANOHUB is already paired please remove it by clicking on Remove device button

Otherwise make a new pairing of IFX_NANOHUB by clicking on

+ Add Bluetooth or other device

Click on "Add a device"

- Bluetooth (mice, keyboard, pens, or other kind of Bluetooth devices)
- A list of found device(s) will be refreshed
- Select IFX_NANOHUB and connection will be established,

Restart your computer before using the SES2G Sensor Software Analyzer to ensure full functionality

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Receive board → Download "Infineon Toolbox" → Download software and install → Pair your device via Bluetooth

Quick Setup for Digital Pressure Sensor Demo

STEP5	STEP 6

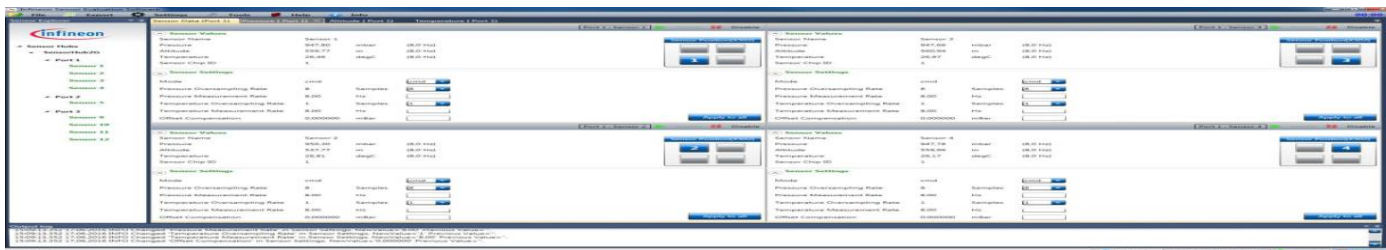**Launching the GUI**

- Click and Run Sensor Evaluation Software 1.x.x (Windows → Infineon Technologies AG → Sensor Evaluation Software 1.x.x)

- Click on the Bluetooth icon on the bottom right (as indicated by the red arrow)

- Wait few seconds and device is found

 Click on Connect button

- You are now ready to receive and to see sensor data

Enjoy the DEMO

Run the GUI

Installation Complete

Part of your life. Part of tomorrow.