Quick Setup Guide for Sensor Hub - Nano

with Infineon Barometric Pressure Sensor (V2.0)

EVAL SHNBV01 DPS310
EVAL SHNBV01 DPS368

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	STEP2	STEP3	STEP4

STEP1

Box Content

Programmed Sensor Hub Nano with DPS310, DPS368

www.infineon.com/pressuresensor
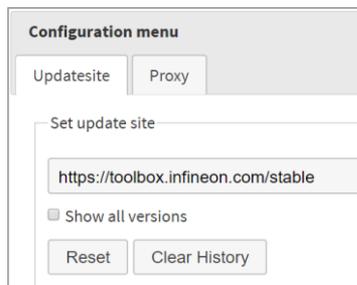
STEP2

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"

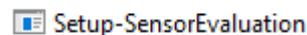**Go to "manage tools" and download "Pressure Sensor Kit"**
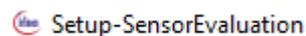

STEP3

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
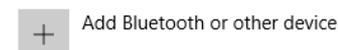
This will install the application in Windows.

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

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

Quick Setup for Digital Pressure Sensor Demo

STEP5	STEP 6

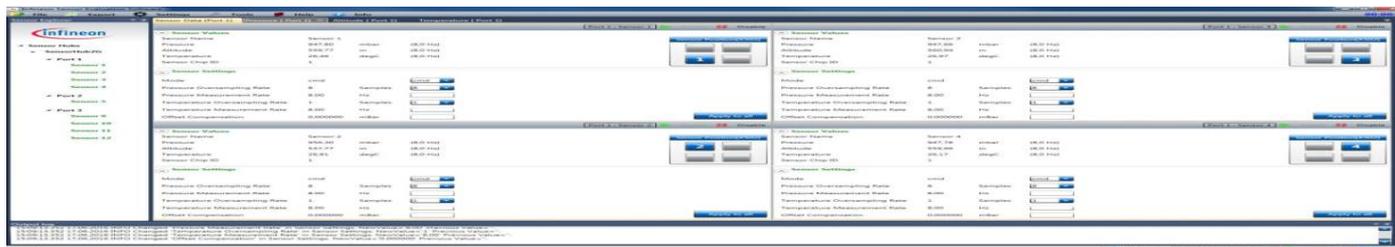**Launching the GUI**

- 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

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  [EVALSHNBV01DPS368TOBO1](#)