

Quick Setup Guide for Sensor Hub - Nano







with Infineon Barometric Pressure Sensor (V2.0)

EVAL SHNBV01 DPS310
EVAL SHNBV01 DPS422
EVAL SHNBV01 DPS368



Recommended software and hardware requirements



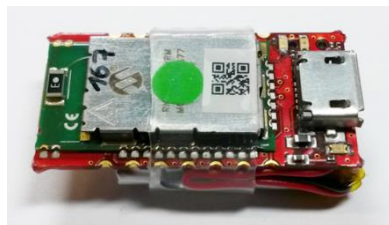
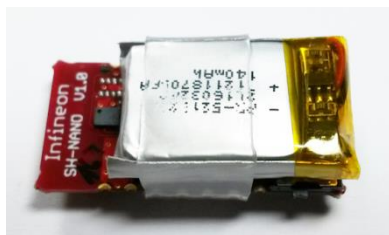
- 1 Machine with Windows OS (with security patch updates) 
- 2 Sensor Evaluation Software GUI (via "Infineon Toolbox") 
- 3 Zip/Unzip Software 
- 4 Bluetooth - Connectivity 
- 5 Micro USB Cable to charge the Nano-Hub 
- 6 30MB of Free Space on HDD 

Quick Setup for Digital Pressure Sensor Demo

STEP1

Box Content

Programmed Sensor Hub Nano with DPS310 / DPS422 / DPS368



www.infineon.com/pressure_sensor

Receive board

STEP2

Install Infineon Toolbox

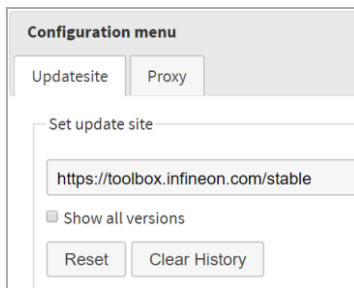
Detailed instruction and download option:

www.infineon.com/toolbox

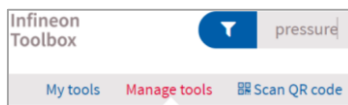
Set update site:

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"



Download "Infineon Toolbox"

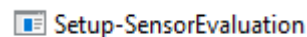
STEP3

Download GUI software

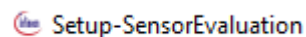
"SES2G Sensor Software Analyzer" (or use pre-installed software on Infineon Toolbox platform)

Unzip and Install

Double Click on



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



This will install the application in Windows.

Download software and install

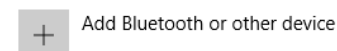
STEP4

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



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

Pair your device via Bluetooth


Quick Setup for Digital Pressure Sensor Demo

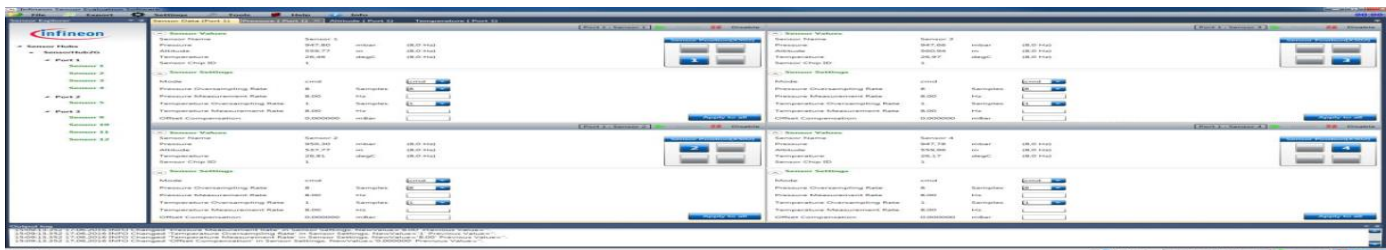
STEP 5

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



STEP 6

Enjoy the DEMO

Run the GUI

Installation Complete



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[166](#) [PTC04_DB_PRESSURE01](#) [SX05GD2](#) [S2GOPRESSUREDPS310TOBO1](#) [DPP101G000](#) [MEX-1031](#) [EK-P5](#) [EVALSHNBV01TOBO1](#)
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