

# Quick Setup Guide for Sensor Hub - Nano

with Infineon Barometric Pressure Sensor (V1.1)

EVAL SHNBV01

EVAL SHNBV01 DPS422

EVAL SHNBV01 DPS368



# Recommended software and hardware requirements



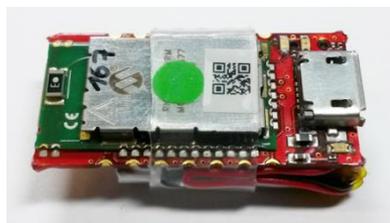
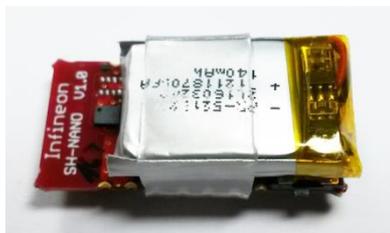
- 1 Machine with Windows OS (with security patch updates) 
- 2 Sensor Evaluation Software GUI 
- 3 Zip/Unzip Software 
- 4 Bluetooth - Connectivity 
- 5 Micro USB Cable to charge the Nano-Hub 
- 6 30MB of Free Space on HDD 

# Quick Setup for Digital Pressure Sensor Demo

## STEP1

### Box Content

a) Programmed Sensor Hub Nano with DPS310 / DPS422 / DPS368



[www.infineon.com/pressuresensor](http://www.infineon.com/pressuresensor)

## STEP2

### Register at MyInfineon

[Link](#) to the portal

### Send an email to request access to the sensor portal

to your local sales to request access to the sensor software.

### Email Notification

You will receive an email containing instructions for the next steps to be performed.

### Access Granted

You will receive an email from our technical team to inform you now have access to the pressure sensor portal.

### Open the Sensor Portal

[https://myicp.infineon.com/sites/pressure\\_sensor](https://myicp.infineon.com/sites/pressure_sensor)

## STEP3

### Download GUI software

Software Release

Package\_SES2G\_v1.x.zip

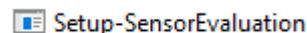
### Read EULA Agreement

Click "YES, I AGREE" and download will start automatically.

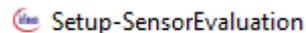


### Unzip and Install

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.

## STEP4

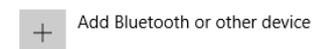
### Before Launching the GUI you must pair over Bluetooth

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, please wait to see:



in Bluetooth Manager



balloon Windows alert

The Nano-Hub is now paired.

Receive Board

Authorization to Download from MyInfineon

Download GUI and Install

Bluetooth Pairing

# Quick Setup for Digital Pressure Sensor Demo

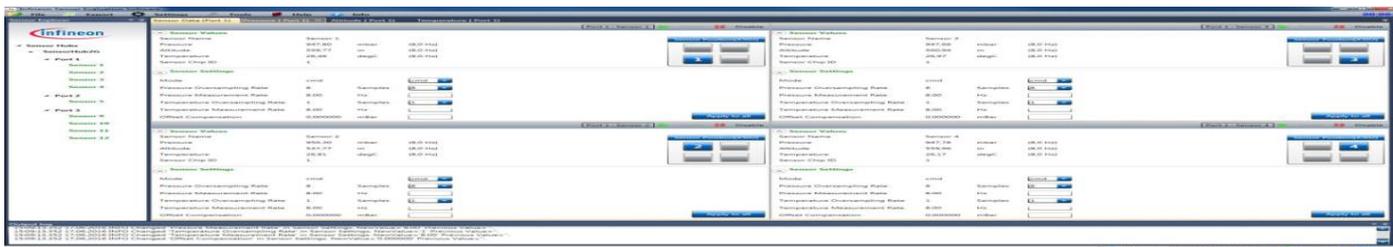
## STEP 5

### 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



Part of your life. Part of tomorrow.

