

# 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



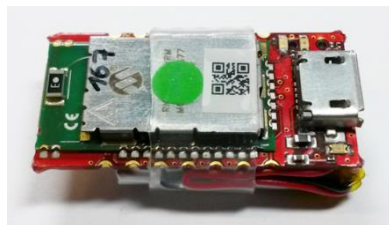
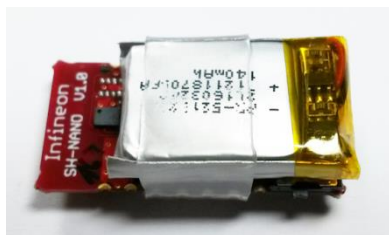
- 1 Machine with Windows OS (with security patch updates) 
- 2 Sensor Evaluation Software GUI (via "Infineon Toolbox") 
- 3 Zip/Unzip Software 
- 4 Connectivity 
- 5 Micro USB Cable to charge the Nano-Hub 
- 6 30MB of Free Space on HDD 

# Quick Setup for Digital Pressure Sensor Demo

## STEP1

### Box Content

Programmed Sensor Hub Nano with DPS310, DPS368



[www.infineon.com/pressure\\_sensor](http://www.infineon.com/pressure_sensor)

## STEP2

### Install Infineon Toolbox

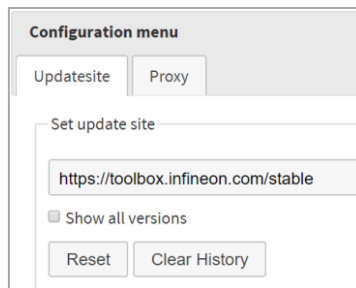
Detailed instruction and download option:

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

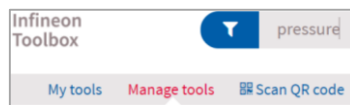
Set update site:

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"



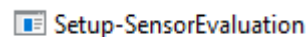
## STEP3

### Download GUI software

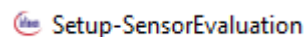
"SES2G Sensor Software Analyzer" (or use pre-installed software on Infineon Toolbox platform)

### Unzip and Install

Double Click on



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



This will install the application in Windows.

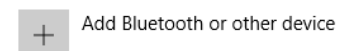
## STEP4

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

Launch Bluetooth Device Manager in Windows

If IFX\_NANO HUB is already paired please remove it by clicking on Remove device button

Otherwise make a new pairing of IFX\_NANO HUB 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\_NANO HUB 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

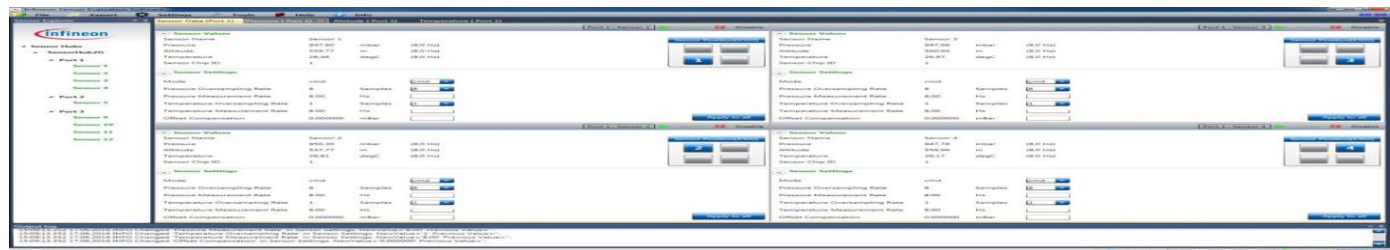
## STEP 5

### 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