

EVAL SHNBV01

Overview

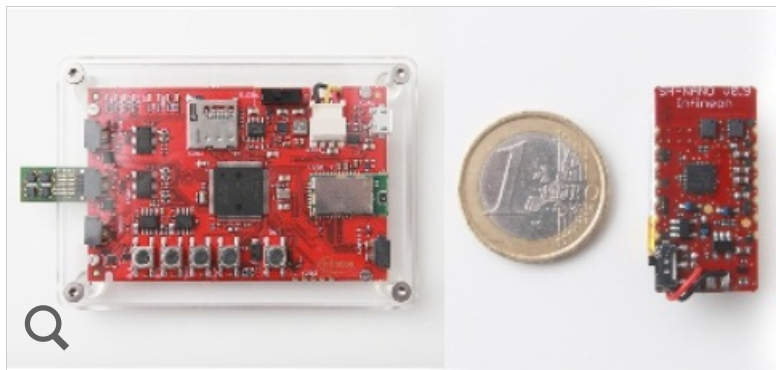
Description:

Sensor hub nano

Infineon sensor hub nano hosts one DPS310 barometric pressure sensor and XMC1000 32-bit ARM Cortex-M0 MCU. The sensor hub nano can communicate to PC or Android™ smart phone wirelessly, thanks to integrated Bluetooth™ 4.0 and battery. Infineon sensor hub nano can be used for quick testing and evaluation of DPS310 in the final application and it works as a platform to develop Android apps.

Summary of Features:

- 30 x 15 x 10 mm (including battery)
- up to two sensors on board
- BT connection to phone or notebook
- Works with IFX SES2G and IFX apps



Parametrics


| Parametrics | EVAL SHNBV01 |
|---------------------|--|
| Configuration | Bluetooth®connection to a phone or PC. One DPS310 on board. 30mm×15mm×10mm |
| Family | Sensor |
| Input Type | DC |
| Product Description | Infineon sensor hub nano |
| Product Name | EVAL SHNBV01 |
| Qualification | Consumer |
| Target Application | Consumer |

| | |
|------|------------|
| Type | Demo Board |
|------|------------|

Documents

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+ Application Notes



AN510: DPS310 barometric pressure sensor and use cases (/dgd/Infineon-AN510_DPS310-AN-v01_00-EN.pdf?fileId=5546d462584d1d4a015895ac5c0d426a)

> EN (/dgd/Infineon-AN510_DPS310-AN-v01_00-EN.pdf?fileId=5546d462584d1d4a015895ac5c0d426a)

01_00 | 2016-10-17 | pdf | 697 KB

Order

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| | |
|----------------------|----------------------|
| Sales Product Name | EVAL SHNBV01 |
| OPN | EVALSHNBV01TOBO1 |
| Product Status | active and preferred |
| Package name | |
| Order online | |
| Completely lead free | |
| Halogen free | |
| RoHS compliant | no |
| Packing Size | 1 |
| Packing Type | CONTAINER |
| Moisture Level | |
| Moisture Packing | NON DRY |

Support

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Technical Assistance Center 技术支持中心 (TAC)



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