

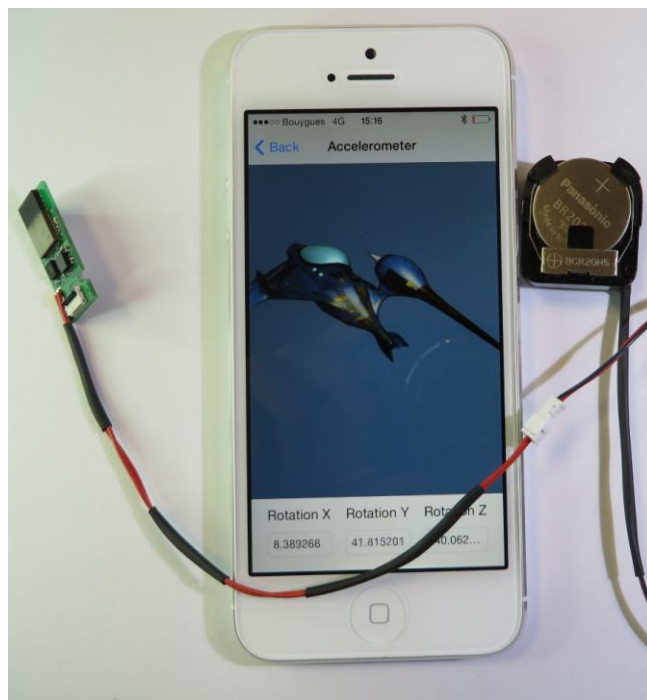
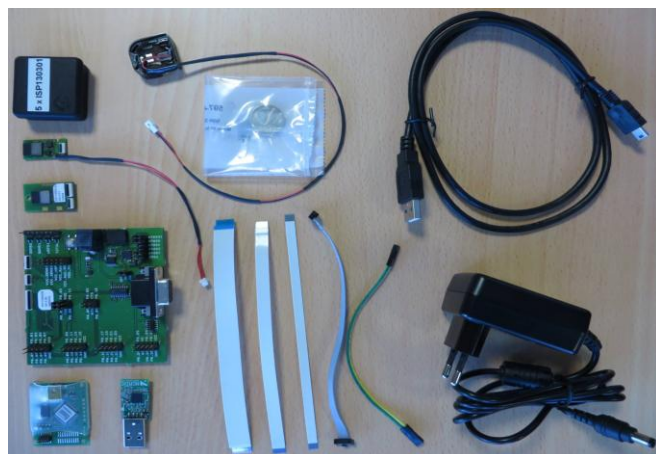
ISP130301-DK1 Bluetooth Low Energy Wireless Sensor Development Kit for ISP130301

General Description

In order to assist clients in developing their Bluetooth Smart solutions based on the ISP130301, Insight SiP offers a Sensor Development Kit. This consists of the following Sensor Board, containing:

- ✚ One Interface Board
- ✚ J-Link Lite CortexM-9 JTAG/SWD Emulator
- ✚ One Test Board
- ✚ One Sensors Board
- ✚ A Development Dongle
- ✚ 3 ISP130301 module samples
- ✚ Cables, power supply and coin battery holder
- ✚ Smartphone is NOT included

Using this development kit, product developers can use a working solution as starting point to develop their own products. Time to market is saved by avoiding starting from a blank sheet of paper. In addition, there may be some applications that use the hardware as is.



Applications

Possible applications include:

- ✚ Sports accessories (movement etc)
- ✚ Healthcare accessories (heart rate)
- ✚ Alarms (temperature excess)
- ✚ Pressure detection

The miniature size of the Insight solution means it could be comfortably worn, or is able to fit into a small space.

Please refer to the application note AN140101 for more information on kit implementation.

Specific Skills

If a product developer lacks skills in any of the crucial areas to develop a working solution, then Insight SiP can offer custom design services to cover all of the following areas

- ✚ Custom hardware development
- ✚ Addition/replacement of different sensors
- ✚ Software development
- ✚ Custom SiP development