UWB TAG DEVELOPMENT KIT

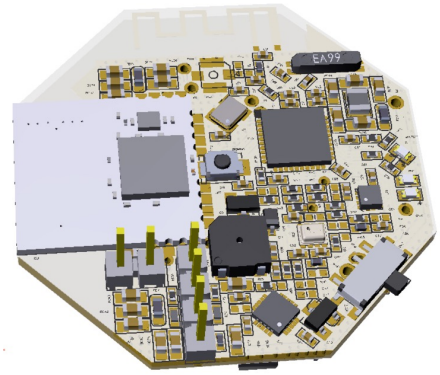
The UWB TAG Development kit is composed of 3 programmable T-TAG platforms that can be configured for various UWB applications, for example interacting with smart phone and UWB anchors, finding and tracking assets functionalities, point to point triggering etc.

The T-TAG platforms can be used together with the Vulkano Evaluation Kit for RTLS application.

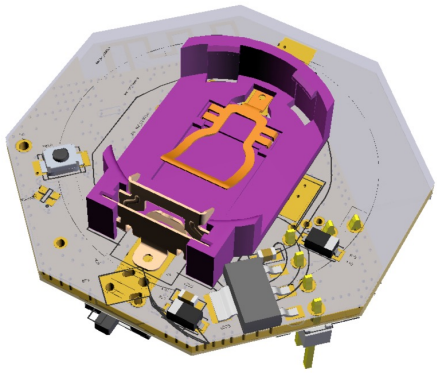
FEATURES:

HW

3 x T-TAG Programmable containing:



- ✓ Bluetooth LE MCU QN9090
- ✓ DCU040 UWB Module
- ✓ On-board PCB antenna for Bluetooth LE;
- ✓ LEDx3, Red/Green/Blue colors;
- ✓ CR2032 battery connector;
- ✓ Toggle switch for battery power on/off;
- ✓ Acceleration sensor IC
- ✓ Digital pressure sensor;
- ✓ Plug & Trust Secure Element;
- ✓ Reset Button for QN9090 (optional)
- ✓ Buzzer;
- ✓ 4pins header for UART and external 5V power input for TAG;



All datasheet and details are on the web site.

SW

TrueSense Software Development Kit includes:

- ✓ Firmware implementing a very simple, yet complete, API based on AT commands exposed over UART port, thus allowing for super easy integration with legacy devices.
- ✓ Usage examples of AT commands are provided to demonstrate a wide range of use cases.
- ✓ Source code of both iOS and Android UWB enabled apps to interact with the Kit from a mobile phone.

We are a proud member of the FiRa UWB association.