PRODUCT BRIEF: DWM1001-DEV

Overview

• Development board for Decawave DWM1001 module
• Can be used to evaluate hardware performance as anchor, tag or gateway and build an evaluation Real Time Location System

Features & Benefits

• Supports UWB & Bluetooth®
• J-Link on-board for debug and flashing via USB
• Access to all DWM1001 GPIOs and interfaces via on board headers
• 26-pin Raspberry PI compatible header (header not included)
• Reset and user-defined buttons and LEDs
• Battery Charging circuit
• PANS firmware for DWM1001:
  • Flexible software architecture allowing UWB based RTLS application
  • Software APIs for application customization
  • Module APIs for configuration and interfacing over SPI, UART, BLE

Power Sources

• USB Cable (included) to a PC, power supply or battery bank
• Battery connector (included) for an external Li-Po battery (battery not included)

Build an Anchor or a Tag

Build a Gateway
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Technical Data

- Dimensions: 62 mm x 43 mm

Full RTLS System using the DWM1001-DEV in Anchors, Tags and Gateway

Complementary Products

- MDEK1001: Development and evaluation kit: 12 units
- Decawave software for DWM1001: PANS, DRTLS Manager, DRTLS Gateway Application

Get Started:
- Learn more at: www.decawave.com/products
- Download the RTLS SW www.decawave.com/product/dwm1001-development-board/

Join the community:
- http://www.decawave.com/decaforum/