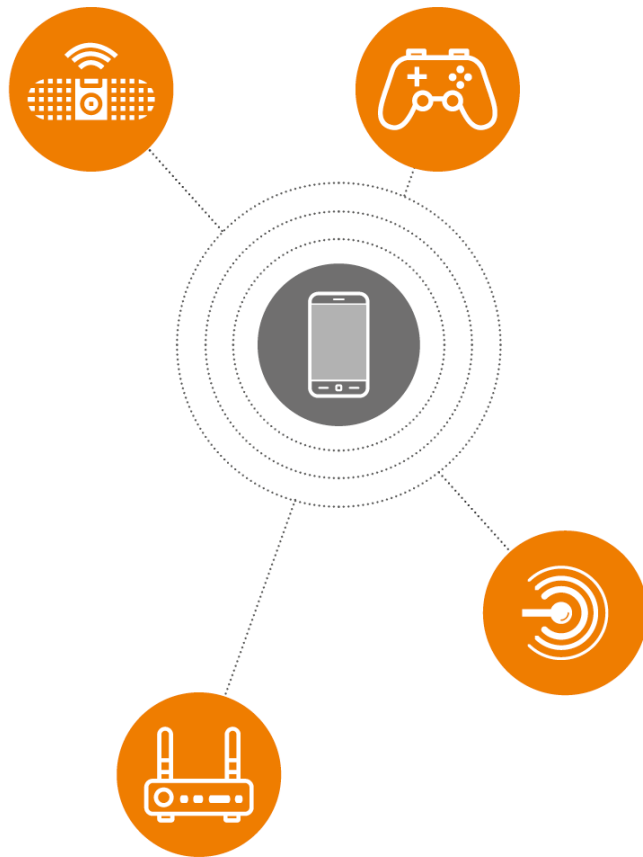


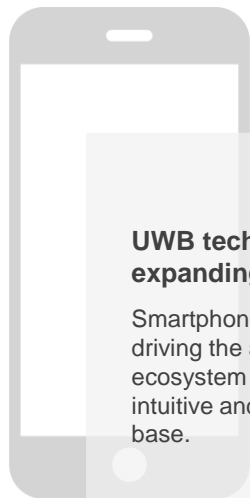
MK UWB Kit

Mobile edition

Featuring **NXP Trimention™**
SR150 / SR040

Build your UWB IoT solution
to interact with UWB phones





UWB technology is rapidly expanding into the IoT ecosystem.

Smartphones play a significant role in driving the adoption of UWB in the IoT ecosystem as they make the technology intuitive and accessible to a broad user base.



Get ahead of this trend and start evaluating how **NXP's UWB Trimension™ technology interacts with UWB-enabled Apple® products**

**MK
UWB
Kit**

Mobile edition

Mobile edition

MK UWB Kit Mobile edition

This evaluation kit is **approved by Apple®** for the purpose of **evaluating UWB-enabled accessories** that leverage **Apple's Nearby Interaction framework** in order to **interact with Apple products that include the U1 chip***.



Experience how to establish a **UWB ranging session** between a **UWB-enabled Apple® product** and a **UWB anchor or UWB tag**.

Evaluate hardware performance of **NXP's Trimention™ UWB IoT ICs** in connection to a UWB-enabled Apple® products.

Kick-start the **design** of innovative applications that interact with UWB-enabled Apple® products and unleash the ability to create more **precise, directionally aware app experiences**

** U1-enabled iPhone models include iPhone 11, iPhone 11 Pro, iPhone 11 Pro Max, iPhone 12, iPhone 12 mini, iPhone 12 Pro, iPhone 12 Pro Max, Apple Watch Series 6*

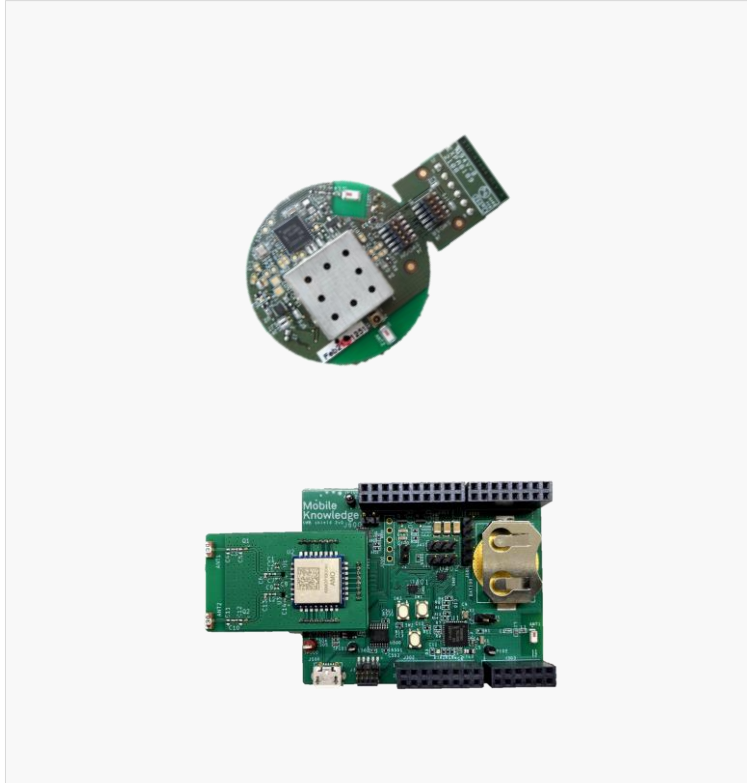
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Mobile edition
What you'll find in
the kit

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- **UWB Tag SR040** reference hardware featuring **NXP Trimention™ SR040**
- **MK UWB Anchor SR150** reference hardware featuring **NXP Trimention™ SR150**
- **MK UWB Anchor SR150** reference software source code and binaries compliant with Apple Nearby Interaction Accessory Protocol Specification
- **UWB Tag SR040** reference software source code and binaries compliant with Apple Nearby Interaction Accessory Protocol Specification
- **Support documentation**

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Content in detail

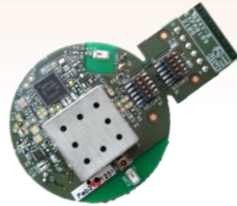
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UWB Tag SR040



Autonomous, battery-powered UWB device that features **NXP's UWB chipset Trimention™ SR040** and a BLE-enabled microcontroller, enabling all kinds of tracking and localization use cases.

MK UWB Anchor SR150



Flexible platform to develop customized UWB systems. Arduino-compatible expansion headers and features **NXP's UWB chipset Trimention™ SR150**.

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Reference Software

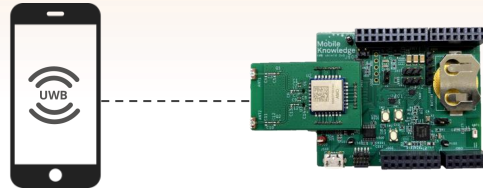
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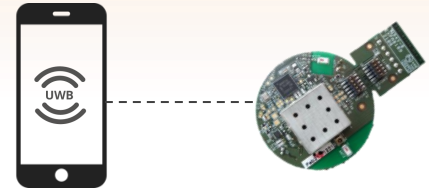
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Mobile-to-Anchor software



The **Mobile-to-Anchor software** showcases how to start a UWB ranging session between a UWB-enabled Apple® product and an IoT anchor equipped with **NXP Trimention™ SR150**

Mobile-to-Tag software



The **Mobile-to-tag software** showcases how to start a UWB ranging session between an UWB-enabled Apple® product and a tag equipped with **NXP Trimention™ SR040**

Please visit Apple developer site to obtain additional references on Apple's Nearby Interaction Framework
<https://developer.apple.com/nearby-interaction/>

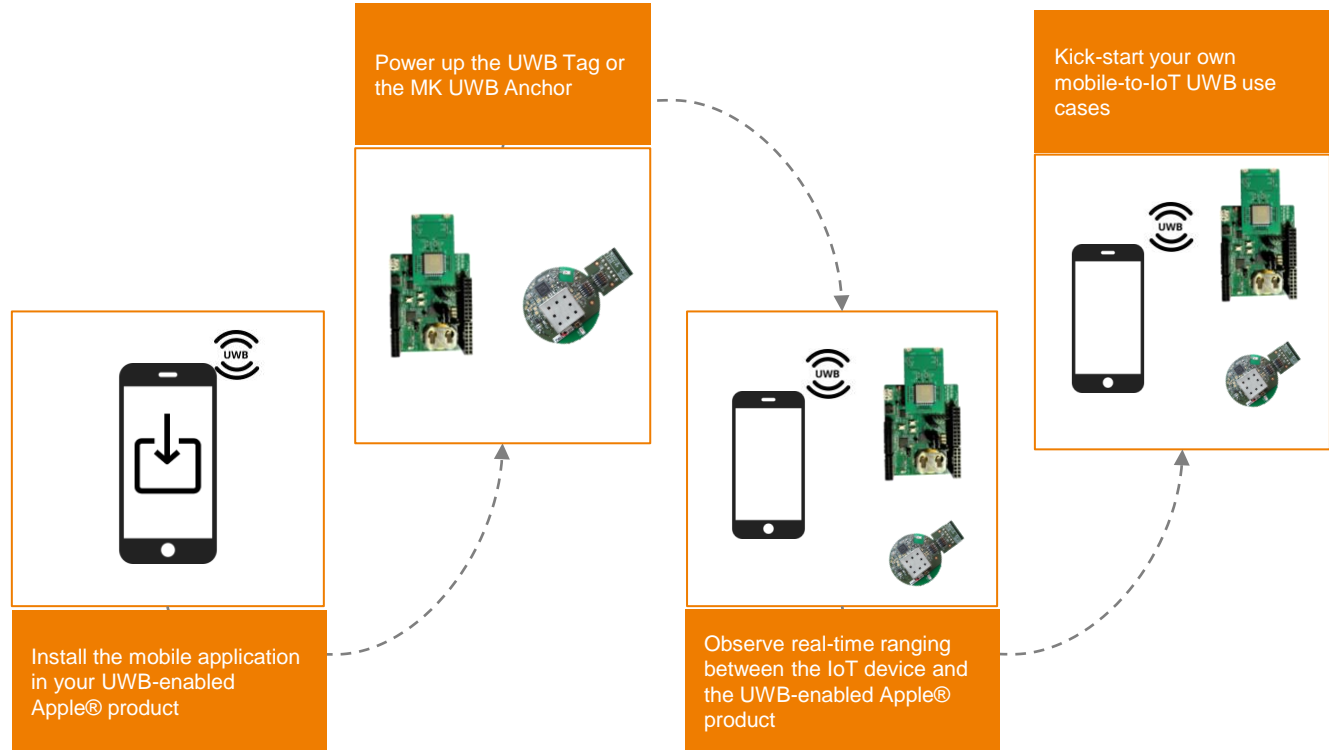
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Mobile edition
Out-of-the-box
experience

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Evaluate how NXP's
UWB Trimention™
technology interacts
with UWB-enabled
Apple® products

300 €

Shipping costs not included

Order the MK UWB Kit Mobile edition at
MobileKnowledge's website

[https://www.themobileknowledge.com/product/
mk-uwb-kit-mobile-edition/](https://www.themobileknowledge.com/product/mk-uwb-kit-mobile-edition/)

Want to do more ?

The **MK UWB Kit SR150/SR040** is the most comprehensive **reference design** and **development platform** for UWB-based IoT solutions.

Leverage on UWB technology advanced functionalities and benefit from **NXP Trimention™ SR150 and Trimention™ SR040 UWB IC** capabilities.

Experience UWB technology with ready-to-run **demonstration apps**, **Arduino-connected development boards** and **software libraries** to start prototyping and developing your own UWB applications with minimum effort.

Leverage on our powerful software tools such as the **MK UWB Toolbox Android** application to develop innovative mobile applications, the **MK UWB PC Shell** application to obtain ranging information on any host computer, the **MK UWB Library** which provides a simple but powerful API for your IoT embedded solution and out-of-the-box support for **NXP QN9090 and Nordic nRF 52840 MCUs**.

Visit our website for further information:
<https://www.themobileknowledge.com/product/mk-uwb-kit-sr150-sr040/>

Or contact us:
contact@themobileknowledge.com

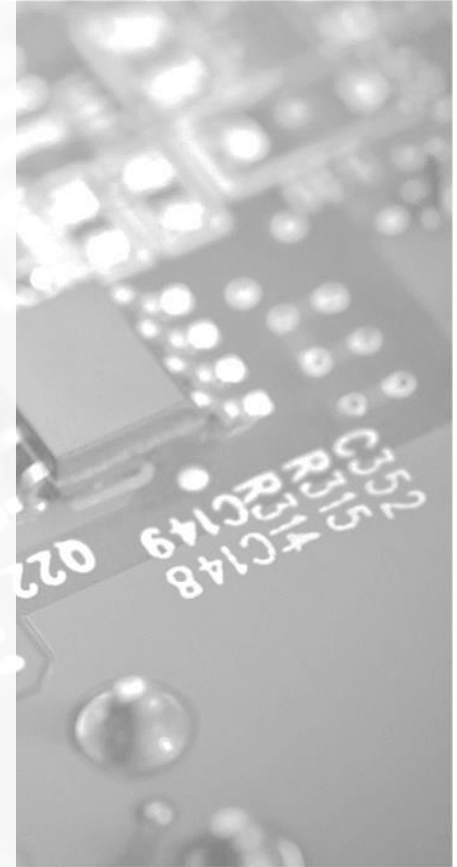


Want to do more ?

Long-standing expertise in UWB technology to help you reduce your time to market and focus on your own UWB solution development

Contact us for further information:
contact@themobileknowledge.com

- **Development of customized UWB use cases:** Embedded software development, mobile application software development, back-end integration, system integration,...
- **UWB technology consulting and support services:** Guidance on use case definition and system integration, system architecture, software requirements, Q&A resolution, FIRA related process and use cases,...
- **Design and development of customized antenna board** based on customer requirements and constraints in order to optimize ranging and AoA measurements
- **Porting of MK UWB SDK** into a customer platform, enabling MK UWB SDK software tools and functionalities on any customer platform that meets the SDK requirements
- **Licensing of MK UWB Library**, for an easy integration of UWB technology while accelerating the time to market





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