

Murata UWB module Type-2BP

Document and Software package download guide from my Murata

Nov. 18th, 2021 : Rev A
Dec. 14th, 2021 : Rev B
Sep. 1st, 2022: Rev C
Jul. 27th, 2023 : Rev D

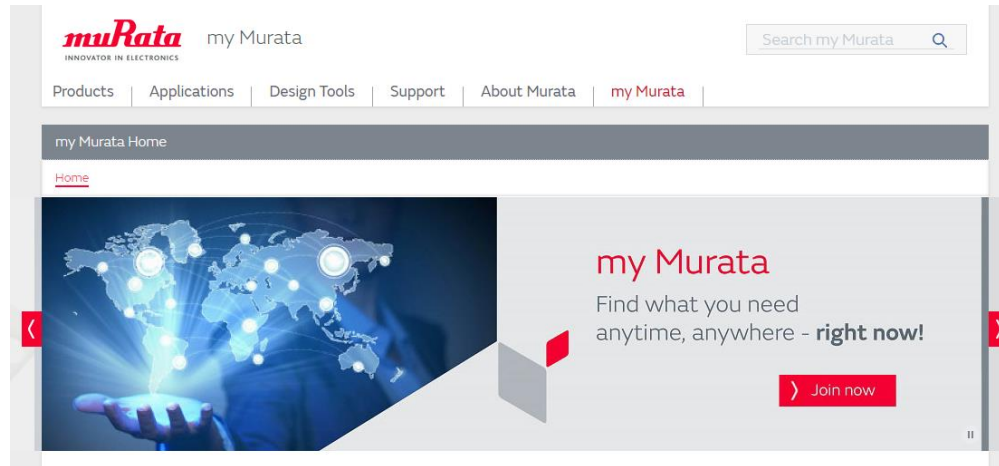
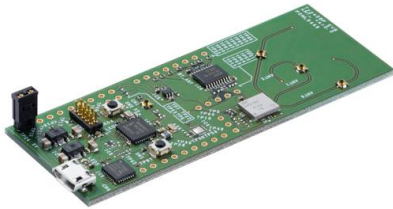


Confidential

Overview

my Murata web site

Type2BP EVK



This is the guide to download technical document and software package from my Murata site.

For registration and download, you need

- *Account of my Murata

- *Type2PB EVK

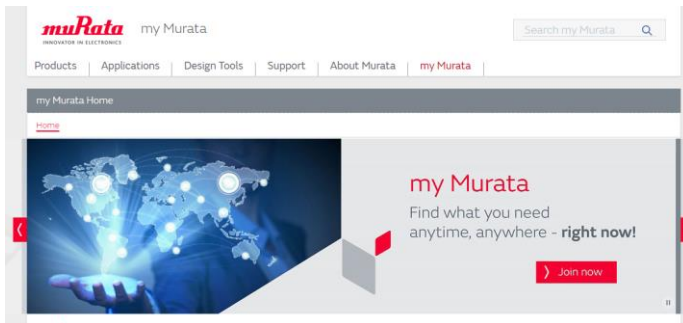
- *Code for registration [Label on Type2BP EVK]

Step1 : Make an account of my Murata

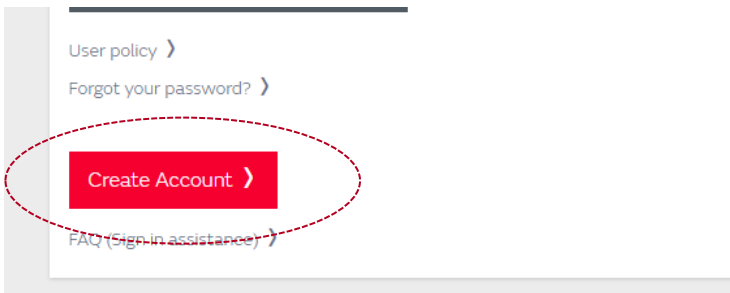
If you have no account of my Murata, please visit my Murata and create Account.
In case you already have my Murata account, skip this step.

my Murata address: <https://my.murata.com/>

my Murata TOP page

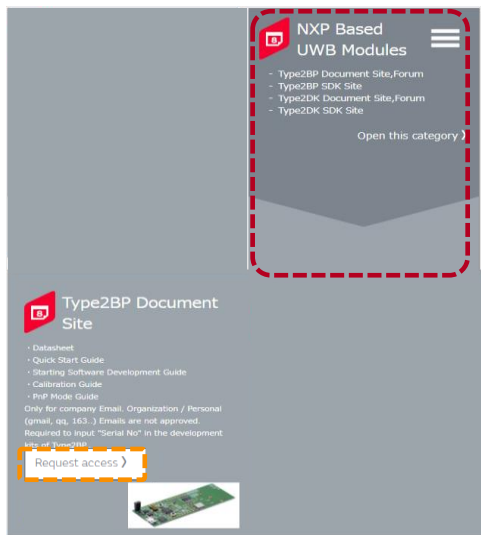


Create Account



Please fill necessary information and create account

Step2-1: Request to access to 2BP Document site



Site name	Contents
Type2BP Document Site	UWBIOT SR150 MCU/Linux/nRF52840 SDK site Datasheet Reference Schematic / Design Software Guide Test Guide Calibration Guide Certification Guide Technical support forum

From TOP of my Murata page, please go to “NXP Based UWB Modules” and open this category. Type2BP Document site is open only for site member.
To access to this site, please click “Request Access” to request membership.

Step2-2: Request to access to 2BP Document site

Please check serial number on the label of EVK, **serial number on EVK** is the serial to input for registration.

Example :
EVK label :
2BP EVK Rev4.0
SERIAL: **1234ABC**



my Murata Home

[Home](#)

< Request Membership for Type2BP Nearby Interaction with U1 SDK Site

This is Type2BP Nearby Interaction with U1 SDK Site for customers who purchased Type2BP EVBs.
Input the Serial No. written in the development kit and click the "Request Membership" button. You will receive an email after the number is confirmed.
(The confirmation process might take a few days. We appreciate for your kind understanding and cooperation.)

Please input a serial number. (8 -16 characters)
(Registration code provided upon my Murata account ID registration process is NOT a serial code for here.)

1234ABC

Note : "**1234ABC**" is the example serial number, can't use this serial for registration.
Please input serial number on your EVK.

- Example 1: The e-mail address domain does not belong to a company. Educational institution, including university(e.g., *@*.ac.jp), organization except company, personal(e.g., *@*.ne.jp), free e-mail (e.g., @gmail.com, @outlook.com, @gg.com, @163.com etc.) or e-mail address domain of internet provider(e.g., *@att.net, *@softbank.ne.jp, *@*.biglobe.ne.jp, *@*.ocn.ne.jp etc.) may not be approved as site membership.
- Example 2: Based on your e-mail address domain, we cannot find your company's website or business.
- Example 3: Based on your company's website, you belong to one of our competitors or its distributors which offer the same products or solutions of this site.
- Example 4: Based on your company's website, you may not be considered as an applicable client in products or solution of each site.
3. You belong to a defense/military company* or your "Primary Application" selected in account creation page or "Primary Application" of sample request is related to defense/military/weapons.
*Our policy regarding defense/military applications.
4. Your company belongs to a country, region, or company that is designated by law or regulation.
5. Other

Request membership

Cancel

Input correct serial number, then press "request membership".
After that, return to my Murata page. Please wait a mail of confirmation.

Confirmation mail from Murata



In case your request accepted by Murata, you will receive “approved” mail.

If your request is not approved, you also will receive “not approved” mail.

In case, below may be a reason.

1. Your information/code does not satisfy our site membership approval qualification.
e.g.1: Serial Code or Registration Code which you entered when requesting site membership is incorrect.
e.g.2: The domain of your “email address” is not a company domain. Educational institution, organization, personal, or free e-mail (e.g., @gmail.com, @outlook.com, @gg.com, @163@.com) may not be approved as site membership.
2. You belong to one of our competitors or its distributors which offer the same products or solutions of this site.

Step3 : Click through Terms & condition


After you receive approved mail, please visit the site which you request membership.

Then, you will see


*Terms & Conditions for technical document download site.

Please check the contents, and if you can agree it, press “I agree” button.


Then you can access the files as below.

 About this site

This site contains documents of Type2BP UWB Module. If you have any questions, please visit our [technical support forum](#). You can check SDK site list from top tab menu. Please request membership for SDK sites from the list if you do not have access right yet. You must submit a request to access each [SDK site](#) on the first visit. It is necessary for the system of my Murata, so please understand it.

 Datasheet/Development Overview

Title	Date	File name
Datasheet	2023/4/20	SP-VG2BP_H1.pdf
Development Overview	2022/10/12	MTD-APN-000-B_Type2BP_Development_Overview.pdf
Type2BP EVK Revision information	2023/4/5 Rev4.1	MTD-APN-031-D_Type2BP_EVK_Revision_Information.pdf
SR150 SDK History	2023/6/2	MTD-APN-035-C_SR150_SDK_History.pdf
Ranging Interval Guide	2022/3/18	MTD-APN-022-A_Ranging_Interval_guide.pdf
my Murata Registration Guide	2022/10/4	MTD-APN-046-B_Type2BP_MyMurata_RegistrationGuide_Rev3.0.pdf MTD-APN-046-C_Type2BP_MyMurata_RegistrationGuide_Rev4.0.pdf
my Murata Type2BP site renewal	2023/7/19	MTD-APN-077-A_Type2BP_site_renewal.pdf

 Reference Schematic/Design

Document download site

Step4 : Request to access to SR150 SDK site



Click SDK Sites tab



Title	Date	Link
UWBIOT SR150 v03.13.03 MCUx Site	2022/2/18	Link
UWBIOT SR150 v03.13.03 Linux Site	2022/3/15	Link
UWBIOT SR150 v03.14.05 MCUx Site	2022/7/1	Link
UWBIOT SR150 v03.14.05 Linux Site	2022/7/1	Link
UWBIOT SR150 v03.15.11 MCUx Site	2022/7/6	Link
UWBIOT SR150 v03.15.11 Linux Site	2022/7/6	Link
UWBIOT SR150 v04.02.01 MCUx Site	2022/11/21	Link
UWBIOT SR150 v04.02.01 Linux Site	2022/11/23	Link
UWBIOT SR150 v04.02.01 NRF52840 Site	2022/11/22	Link
UWBIOT SR150 v04.04.03 MCUx	2023/6/2	Link

This tab show the Link of each SDK site.
Click the Link URL to transition to the SDK site.
The first time you access the SDK site, an approval request is required.



my Murata Home

Home

< Type2BP SDK UWBIOT SR150 v03.13.03 Linux Site

Comments

request for the membership of this site

Please read the notes below and click "Request Membership" at the bottom of the page.

- Site approval request is required to access to this site/page.
- Result of this site approval request can be found in the corresponding site panel in my Murata home after Signed in.
- We may decline for your site registration if you meet the following conditions. Thank you for your understanding in advance.
 - Every kind of code (Serial Code or Registration Code etc.) which you entered when requesting site membership is incorrect.
 - Based on your e-mail address domain which you entered when creating my Murata account, you may not be considered as an applicable client in products or solution of each site.
 - Example 1: The e-mail address domain does not belong to a company, Educational institution, including university(e.g. "@ac.jp), organization except company, personal(e.g. "@ne.jp), free e-mail (e.g. @gmail.com, @outlook.com, @gigamon, @153@com etc.) or e-mail address domain of internet provider(e.g. "@att.net, @softbank.ne.jp, "@niglobe.ne.jp, "@com.ne.jp etc.) may not be approved as site membership.
 - Example 2: Based on your e-mail address domain, we cannot find your company's website or business.
 - Example 3: Based on your company's website, you belong to one of our competitors or its distributors which offer the same products or solutions of this site.
 - Example 4: Based on your company's website, you may not be considered as an applicable client in products or solution of each site.
 - You belong to a defense/military company* or your "Primary Application" selected in account creation page or "Primary Application" of sample request is related to defense/military weapons.
 - *Our policy regarding defense/military applications.
 - Your company belongs to a country, region, or company that is designated by law or regulation.
 - Other

Request membership Cancel

No need to input Serial code.
Just only click "Request membership" button.



Please wait a moment for the approval to complete.
If you are approved, an approval email will be sent to your email address and you will be able to access the site URL provided in email.

Step4 : Click through SLA

After you receive approved mail, please visit the site which you request membership.

Then, you will see

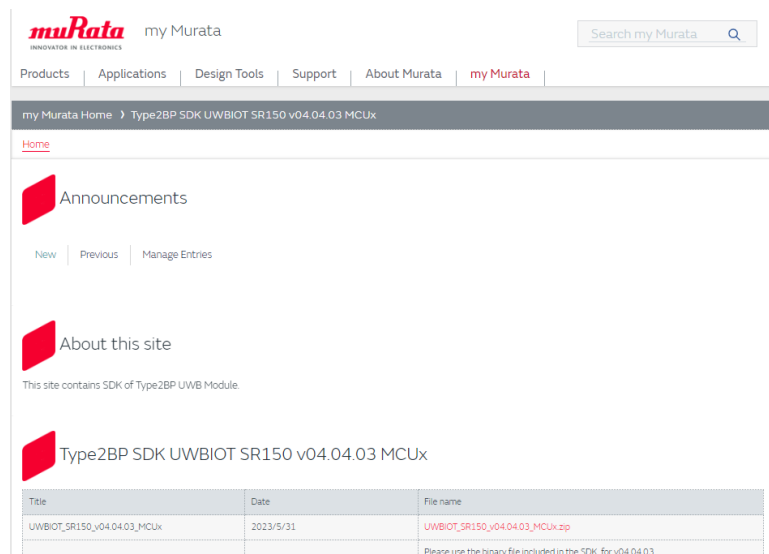
*SLA / SCR for SDK download site

Please check the contents, and if you can agree it, press “I agree” button.

*Note : About SDK, Murata distribute SDK of NXP, if you agree SLA, NXP's SOFTWARE LICENSE AGREEMENT shall be entered into between **NXP B.V.** and you.

Murata has no obligations to provide any warranties and indemnification to you in related to the Licensed Software. Any agreements entered into between you and Murata are not applied for the Licensed Software.

Then you can access the files as below.



The screenshot shows the 'my Murata' website interface. The header includes the Murata logo and navigation links: Products, Applications, Design Tools, Support, About Murata, and my Murata. A search bar is also present. The main content area displays the breadcrumb 'my Murata Home > Type2BP SDK UWBIOT SR150 v04.04.03 MCUX'. Below this, there are sections for 'Announcements', 'About this site' (stating 'This site contains SDK of Type2BP UWBIOT Module'), and 'Type2BP SDK UWBIOT SR150 v04.04.03 MCUX'. A table lists the available SDK files.

Title	Date	File name
UWBIOT_SR150_v04.04.03_MCUX	2023/5/31	UWBIOT_SR150_v04.04.03_MCUX.zip

Please use the binary file included in the SDK for v04.04.03.

SDK download

Revision History

Revision	Release Date	Comments
A	Nov. 18 th , 2021	Initial revision
B	Dec. 14 th , 2021	Page 4, 5 modified
C	Sep. 1 st , 2022	Page 4, 5 modified
D	Jul. 27 th , 2023	Page 4-9 modified