ROHM
SEMICONDUCTOR

Dear customer

ROHM Co., Ltd. ("ROHM"), on the 1st day of April, 2024,
has absorbed into merger with 100%-owned subsidiary of LAPIS Technology Co., Ltd.

Therefore, all references to "LAPIS Technology Co., Ltd.", "LAPIS Technology"
and/or "LAPIS" in this document shall be replaced with "ROHM Co., Ltd."
Furthermore, there are no changes to the documents relating to our products other than
the company name, the company trademark, logo, etc.

Thank you for your understanding.

ROHM Co., Ltd.
April 1, 2024

Bluetooth® low energy Module （MK71511/MK71521) Application Note
Bluetooth Certification

Issue Date: Oct. 12, 2020

LAPIS Technology Co.,Ltd.

NOTES

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(Note) "LAPIS Technology" as used in this document means LAPIS Technology Co., Ltd.

LAPIS Technology Co.,Ltd.

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Preface

This document describes how to register a product using a Qualified Design Identification number (QDID) of our qualified design when selling a device equipped with MK71511 or MK71521, 2.4 GHz-band radio communication module conforming to Bluetooth® low energy, as a Bluetooth product.

【Note】
This document is being made based on information on April 2020. There will be a possibility that the contents change with a renewal in Bluetooth SIG website and change in the Bluetooth Certification Procedure from now on.

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Table of Contents

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1. QDID of acquired certification

QDID of MK71511/MK71521 module and softdevice of Nordic is shown below.

●MK71511/MK71521 module

Declaration ID	QDID	Product Type	Company	Products	Specification Name	Listing Date
D049594	146733	Component (Tested)	LAPIS Semiconductor Co., Ltd.	MK71511	5.2	2020-04-17
D049595	146740	Component (Tested)	LAPIS Semiconductor Co., Ltd.	MK71521	5.2	2020-04-17

●SoftDevice of Nordic

Declaration ID	QDID	Product Type	Company	Products	Specification Name	Listing Date
D047610	145831	End Product	Nordic Semiconductor ASA	nRF52 Series with S112 v8.0.0 nRF52 - S112	5.2	2020-02-20
D047608	145823	End Product	Nordic Semiconductor ASA	nRF52 Series with S132 v8.0.0 nRF52 S132	5.2	2020-02-20
D043342	145787	End Product	Nordic Semiconductor ASA	nRF52 Series with SD S140 v8.0.0 nRF52 - S140	5.2	2020-02-19

Please search QDID of acquired certification with the following URL.

https://launchstudio.bluetooth.com/Listings/Search

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2. Bluetooth SIG members registration

Membership registration to the Bluetooth SIG is needed to use a license of Bluetooth and the logo. Product registration becomes possible after member registration. There are two types of members: Adopter members with no admission fee and no annual fee, and Associate members which require an annual fee. Adapter members are the minimum requirements to obtain a license of Bluetooth product. However, Declaration Fee (registration fee) to pay to Bluetooth SIG on the occasion of product registration are different.（Adopter member：$8,000、Associate member：$4,000）
This application note describes the registration of "Adopter member".

2.1. Procedure to register the company to members of Bluetooth SIG

Enter the "Become a Bluetooth SIG Member" page from the following URL. Scroll down and click the "Apply for Adopter Membership" button under "Adopter Membership".

https://www.bluetooth.com/develop-with-bluetooth/join
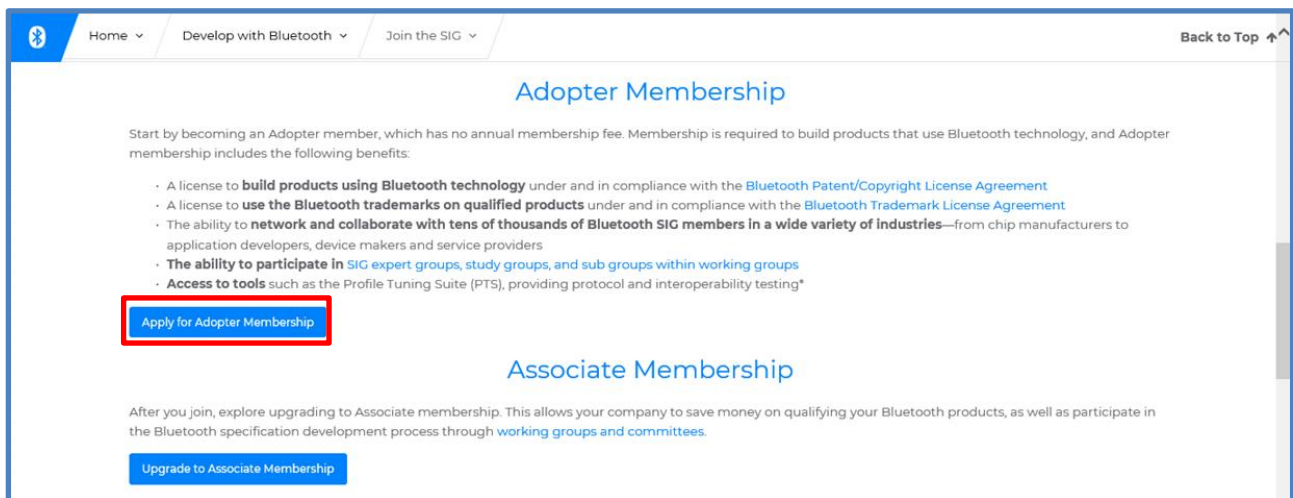
The Bluetooth SIG membership application page is displayed. Please confirm the contents described in "① Prepare your application materials".

Precautions
・You must submit copy of corporate registration (PDF).
・Applicant must be an "officer" listed in the copy of corporate registration.
  If the applicant is different from the officer, you may be required to submit a power of attorney.

Select the country with [★ Start Here:] at the bottom, enter the applicant's Email address and click the "Start Membership Application" button.

The "Membership Application Form" screen is displayed.

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The form is displayed in the following order.
Part1： Company Information
Part2： My Information
Part3： Office Locations

"Company's Formation Documents" will upload the PDF file of copy of corporate registration in "Part1: Company Information".
When you have completed all forms, click the "Review Application Details" button under the "Part3: Office Locations".
When the "Review, Sign, and Submit" page is displayed, confirm the input contents.
If there is no error in the input content, move to the "Signature and Submission" below than middle of the page, confirm the contents of the declaration statement of the membership agreement, check the check box at the beginning.
After checking, sign the "Signature" text box and click the "Signature Confirmed-Submit Application" button to complete the online process.

When the application is accepted, the applicant will receive an Email from the person in charge of the Bluetooth SIG.
Please submit a power of attorney if requested.
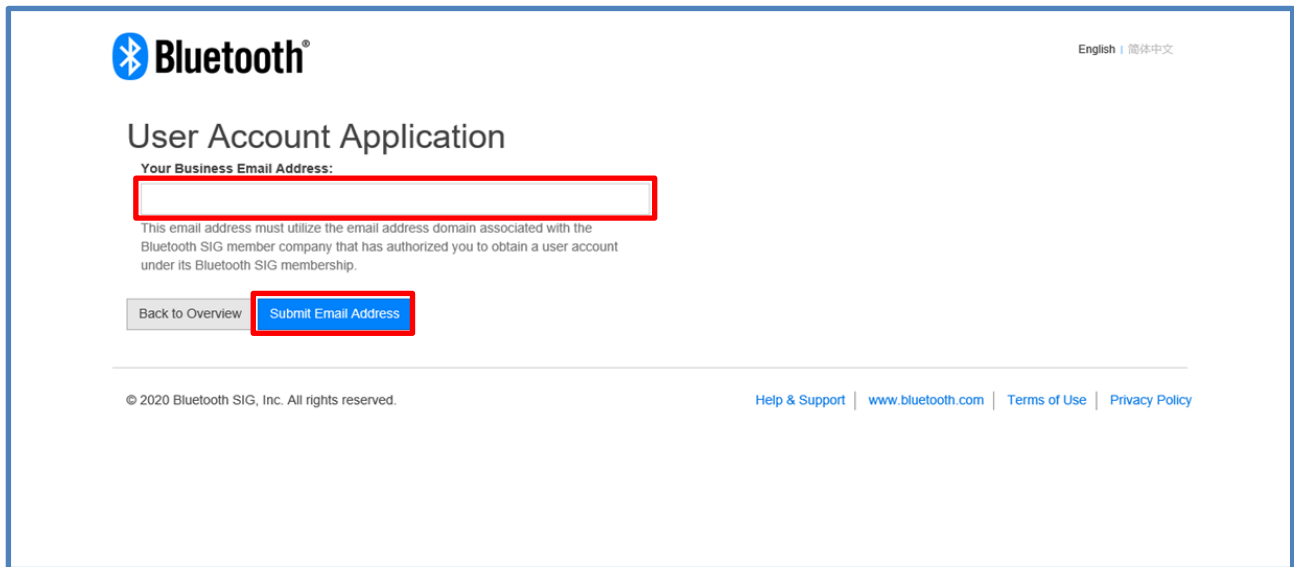
2.2. Procedure to acquire the account of the company's employee

Enter the "Become a Bluetooth SIG Member" page from the following URL. Click the "Click here" button for "Employee User Accounts" on the bottom page.

https://www.bluetooth.com/develop-with-bluetooth/join

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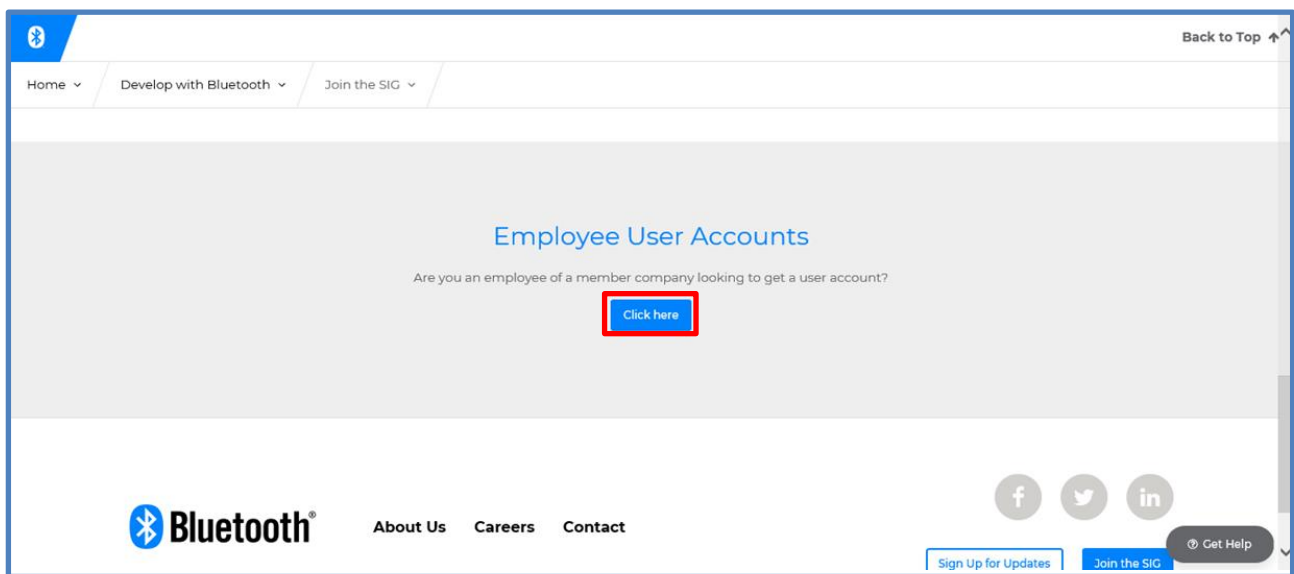
The "User Account Application" page is displayed. Enter the Email address of the employee who applies for the account and click the "Submit Email Address" button.
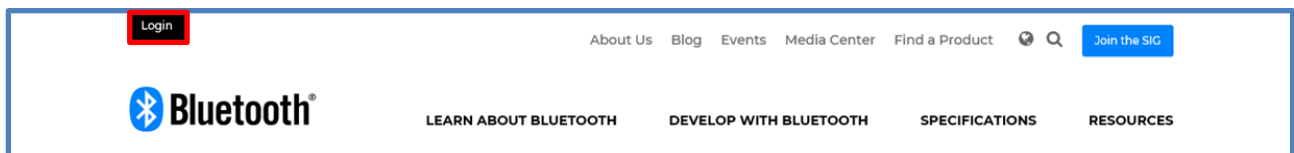
A registration confirmation Email will be sent from the Bluetooth SIG to the account applicant. Click on the URL listed in the Email and enter the "My Information" on the opened WEB page. After completing the entry you will receive an Email asking for the creation of a password. Please access the URL stated in the Email and complete the creation of the password. Acquisition of the employee's user account is complete with this.
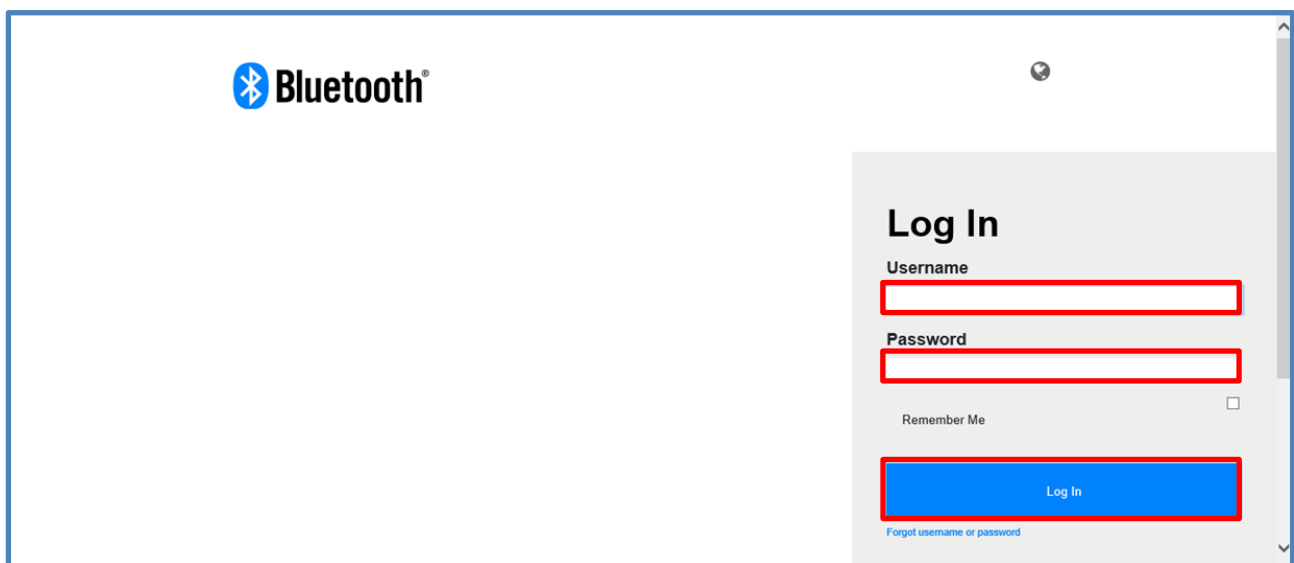
Enter the top page of Bluetooth SIG from the following URL.

https://www.bluetooth.com

Click the "Login" button on the upper left to open the Log In page.

Enter the user name and password on the Log In page and click the "Log In" button to enter the member page.

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2.3. Purchase procedure of Declaration ID

You must purchase a Declaration ID to register your product.
Enter the "Launch Studio" page of Bluetooth SIG from the following URL.

https://launchstudio.bluetooth.com/

Select the "Manage Declaration IDs" tab and click the "Purchase a Declaration ID" button.
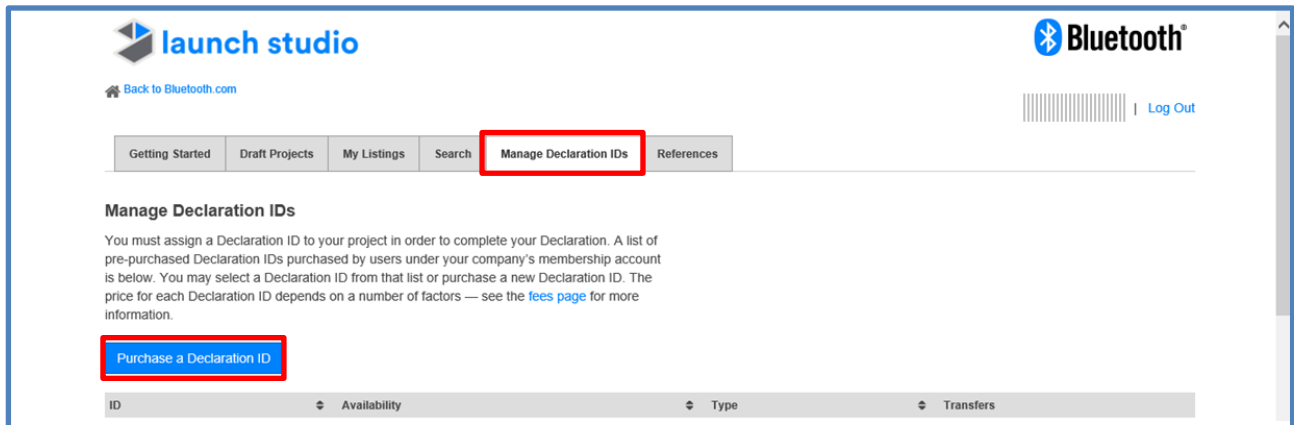
The "Purchase a Declaration ID" screen is displayed.
Enter necessary information.
Select "Standard" for "Declaration Type".
Enter "1" in "Quantity" and select "Credit Card" or "Invoice" for "Payment Method".
The following input items change depending on the selection of "Payment Method".
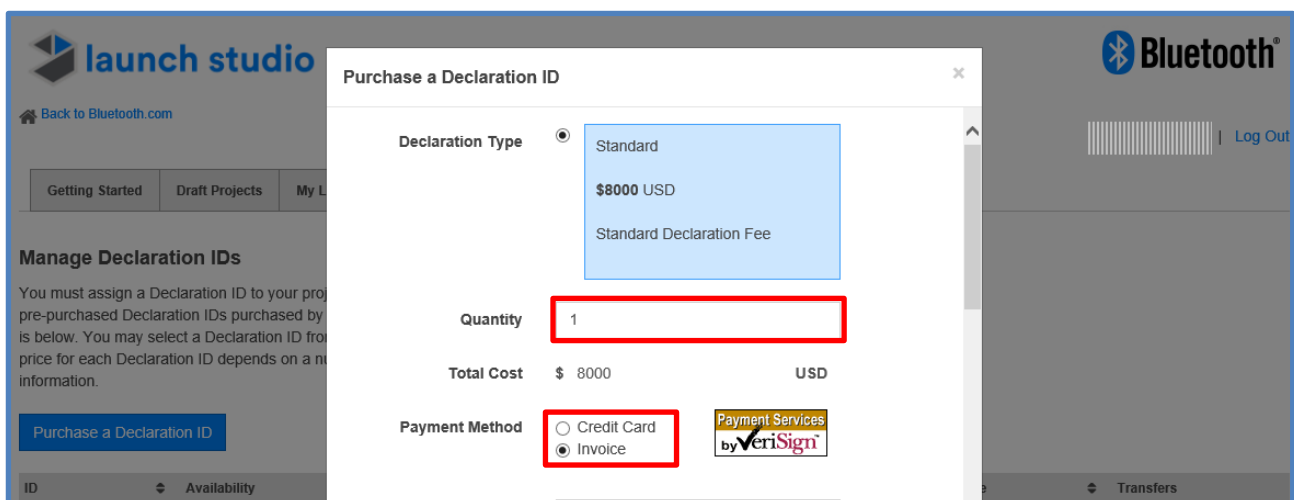
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When all input is completed, scroll down and click the "Finish" button.
The completion button changes depending on the item selected in "Payment Method". If you select "Credit Card", it becomes "Purchase Declaration ID", and if you select "Invoice", it becomes "Create Invoice".
The payment procedure when "Credit Card" is selected is now complete.

Click the "Create Invoice" button to open Invoice PDF file and save it.
Later, the same invoice is also attached to the Email sent from the Bluetooth SIG to the Invoice applicant.
Please make deposit procedure to the account described in Invoice.

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Invoice is the following contents.

Bluetooth®

Invoice

Invoice # INV4
Date: 21-Jan-2020
P.O. #:
ATTN:

Due Upon Receipt

Description	Amount
BLUETOOTH DECLARATION FEE	
Declaration fee:	$8,000.00 USD
Quantity:	1
INVOICE DATE - 21-January-2020	
MEMBER TYPE - Adopter	
TOTAL DUE (US DOLLARS)	$8,000.00

WIRE TRANSFER DETAILS:
Bank Name: BMO Harris Bank, N.A.
Bank Address: 1200 E. Warrenville Rd.
          Naperville, IL 60563, USA
Account Name: Bluetooth SIG, Inc.
Account No: 1410034151
ABA No: 071000288
SWIFT No: HATRUS44

USD CHECK MADE PAYABLE TO:
Bluetooth SIG, Inc.
5209 Lake Washington Blvd. NE
Suite 350
Kirkland, WA 98033
USA

INVOICE CONTACT:
accounting@bluetooth.com
Heidi S. Ho,
TEL: +1.425.691.3387
FAX: +1.314.754.9397

All banking charges and deductions associated with the payment of this invoice (e.g. wire transfer charges, conversion cost, etc.) are to be borne by the payer, so that the Bluetooth SIG is paid the principal amount mentioned above.

** Invoice number must be quoted on all payments.

After having paid money to the account, the Declaration ID you purchased is attached to the Email sent from the Bluetooth SIG to the Invoice applicant.

You can confirm the Declaration ID you purchased on the "Manage Declaration IDs" tab of the Launch Studio.

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3. Procedure of product registration

After purchasing the Declaration ID, please perform product registration operation as follows.

Enter the "Launch Studio" page of Bluetooth SIG from the following URL.

https://launchstudio.bluetooth.com/

Select the "Getting Started" tab, scroll down and click the "Start the Bluetooth Qualification Process with No Required Testing" button.

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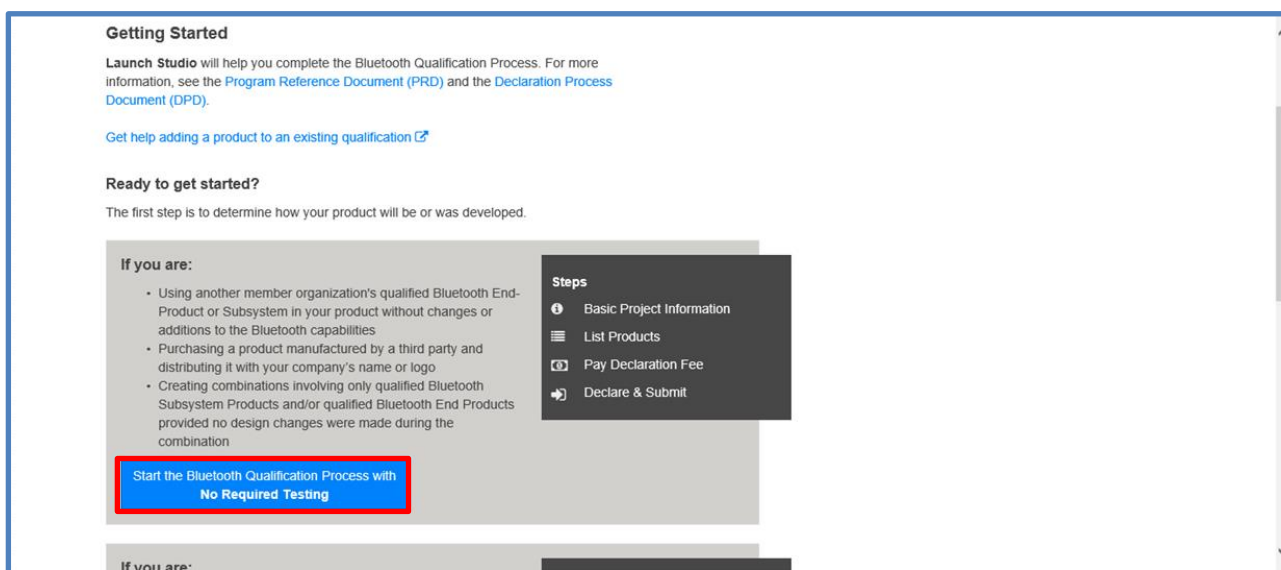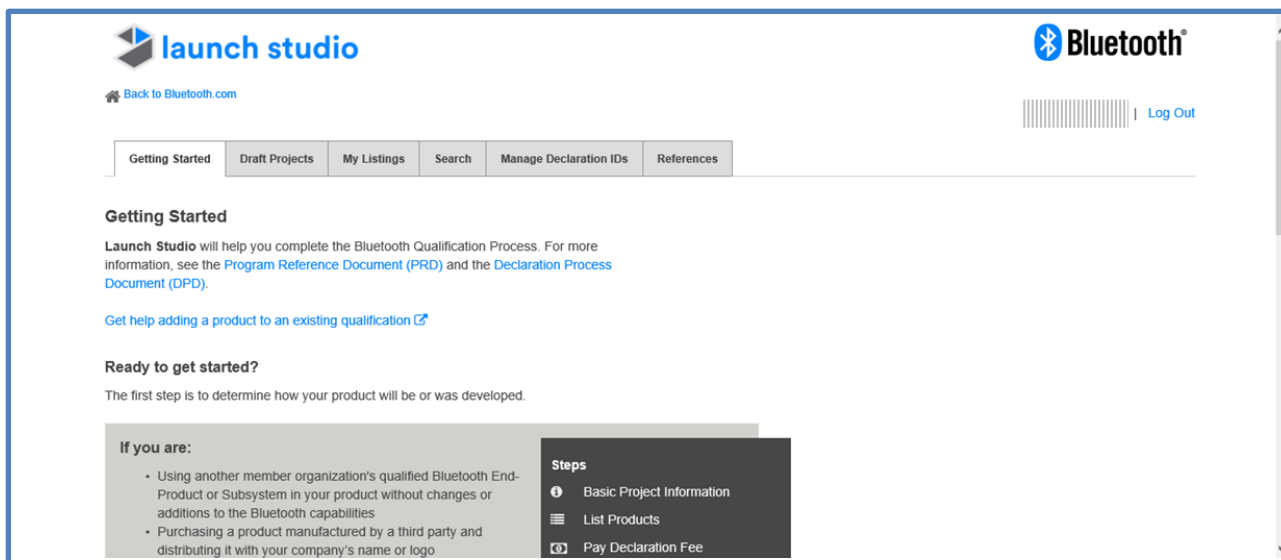
The "Project Basics" screen is displayed.
Enter the "Project Name" and "Referenced Qualified Design".

Enter the QDID of the Nordic's SoftDevice in "Referenced Qualified Design".
When input is completed, click the "Save and continue to Product Declaration" button.

The "Project Declaration" screen is displayed.
Enter the "Listing Date" (Date on which you want to display the registered product in the public list database).

After setting "Listing Date", click the "+Add a Product" button displayed at the bottom of the page.

The "Add/Edit products" panel will be displayed, please enter product information.
When input is completed, click the "Save" button at the bottom.

Confirm that the input contents are displayed in the product list and click the "Save and continue to Declaration ID" button.

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The "Declaration ID" screen is displayed.
The list of purchased Declaration IDs will be displayed. Select the ID used for product registration and click the "Save and continue to Review" button.

The "Review ＆ Submit" screen is displayed.
Please confirm that the contents of "Project Details" are correct.
If the contents are correct, check the declaration statement at the bottom of the page and check the check box at the beginning of the declaration statement.
Finally sign the "Signature" text box and click the "Signature Confirmed - Complete Project & Submit Product(s) for Qualification" button to complete the online procedure.

Registered products can be confirmed on the "My Listings" tab of the "Launch Studio".

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Revision History

Document No.	Issue date	Page		Remarks
		Before revision	After revision	
FEXK715x1_AN_SIG certif -01	Oct. 12, 2020	－	－	Final first edition