

# BLUETOOTH QUALIFICATION GUIDE

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**Document Revision**

Published: Nov 22, 2010 10:48

Document version: 2

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## 2 Introduction

The Serial Port Adapters(SPA) from connectBlue are already Bluetooth qualified and listed. However in addition to the listings performed by connectBlue an End Product Listing(EPL) shall be done for end products integrating the connectBlue OEM modules. An end product listing is free of charge and very quick to do. On the listing there is a possibility to add sales related information about the product like pictures, data sheets and links to product web pages. The public listing can be seen here:  
<http://www.bluetooth.com/Bluetooth/Products/Products/>.

The following guideline is based on the PRD 2.1 specification and the screenshots and links are based on the Bluetooth SIG website as of April 2009.

## 3 Who needs to do it?

If the product is used as is, no more qualification related activities are necessary. A good example of this is when a rugged SPA is used in a factory as a cable replacement.

However if you intend to integrate the SPA in another higher level assembly the EPL must be performed. This is typically the case when an OEM SPA module is put on a carrier board and sold as a product. If a custom application is developed on the OBP4xx platform the EPL is also mandatory.

Prior to EPL you need to sign up as a Bluetooth SIG Adopter if not already done. This is also quick and free of charge.

Please note that the completion of an EPL satisfies the PRD Marking requirements and no further marking of the product, packaging or literature is required. More info on this can be obtained in the PRD 2.1 document available here:  
<https://bluetooth.org/Technical/Qualification/home.htm>.

## 4 Registration for Bluetooth SIG membership

Sign up online. Fill in all required information.  
<https://www.bluetooth.org/login/register/>

## 5 Create a new EPL for end product based on cB-OBS4xx or cB-OBP4xx

This section applies for the following products:

- cB-OBS411
- cB-OBP411
- cB-OBS433
- cB-OBP433

An end product listing is generated from the QD ID from the controller subsystem combined with a QD ID for a host subsystem. The table below lists the different QD IDs used for different products.

Product	Controller Subsystem	QD ID for Controller Subsystem	QD ID Host Subsystem
cB-OBS411	cB-OBH411	B016013	B015102
cB-OBP411	cB-OBH411	B016013	B015102
cB-OBS433	cB-OBH433	B016927	B015102
cB-OBP433	cB-OBH433	B016927	B015102

To perform an end product list for one of the listed product, please follow the steps below. Note that the It is also very helpful to look at the EPL video in parallel. The video can be found here: <https://www.bluetooth.org/Events/Training/eplTraining.htm>.

- Login to <http://www.bluetooth.org>

- Enter the <http://www.bluetooth.org/tpg/listings.cfm>
- In search field enter the QD ID for the connectBlue controller subsystem, for example B016013 for products based on the cB-OBH411
- Click "Search" and you will see a list similar to the one shown below.

### Qualified Listings Search

*Note: Please click on the label for help on individual search criteria or open this [help file](#) for help on all search criteria.*  
Please provide [feedback](#) on this new search.

▼ Simple Search

**Search:**

**Search In:**

- Qualified Products List (QPL - PRD 1.0)
- Qualified Design List (QDL - PRD 2.0 and later)
- End Product List (EPL)

**Rows Per Page:**

[Advanced Search >>](#)

**Number of item(s) found per list:**  
 PRD 1.0: 0  
 PRD 2.0 and later: 1  
 EPL: 1

Total Records Found: 3

Product Listing	Type	ID	Name	Model	Company	Product Type	Core Version	Date	More Info
	EPL		ConnectBlue AB	<a href="#">Serial Port Adapter OBS411</a>	ConnectBlue AB	Controller Subsystem	2.1+EDR	26-Oct-2009	QDID: <a href="#">B016013</a>
<a href="#">Create New EPL</a>	PRD 2.0	<a href="#">B016013</a>	cB-OBH411	<a href="#">cB-OBH411</a>	ConnectBlue AB	Controller Subsystem	2.1+EDR	08-Oct-2009	EPL(s): <a href="#">1</a>

- Click "Create New EPL". Note that if you are not logged into Bluetooth.org then the "Create New EPL" button will not appear.
- Add the connectBlue Embedded Bluetooth Host Stack, QD ID B015102, in the "Link additional QDLs" field. \* Press "Add to list" button.
- Fill in all other required fields and click "Preview Product Listing"
- Finish the EPL by clicking the submit button

## 6 Create a new EPL for end product based on cB-OEMSPA3xx

This section applies for the following products:

- cB-OEMSPA310
- cB-OEMSPA311
- cB-OEMSPA331
- cB-OEMSPA312
- cB-OEMSPA331
- cB-OEMSPA333

Please follow the steps below. It is also very helpful to look at the EPL video in parallel. The video can be found here: <https://www.bluetooth.org/Events/Training/eplTraining.htm>.

- Find the QD ID of the module by looking at the Electrical and Mechanical datasheet corresponding to the module used. This is found in the chapter about Bluetooth Qualification.
- Enter the QD ID in the "Search" field at <http://www.bluetooth.org/tpg/listings.cfm>
- Press the Search button

## Qualified Listings

**Note: Please click on the label for help on individual search criteria or open this [help file](#) for help on all search criteria.**

Please provide [feedback](#) on this new search.

### Simple Search

Search:

Search In:

- Qualified Products List (GPL - PRD 1.0)  
 Qualified Design List (QDL - PRD 2.0 and later)  
 End Product List (EPL)

Rows Per Page:




[Advanced Search >>](#)

Number of item(s) found per list:

PRD 1.0: 1

PRD 2.0 and later: 1

EPL: 2

Total Records Found: 4

Product Listing	Type	ID	Name	Model	Company	Product Type	Date	More Info
<a href="#">Create New EPL</a>	PRD 2.0	<a href="#">B010960</a>	cB-OEMSPA312i/ x Serial Port Adapter	<a href="#">cB-0902-0201*</a>	ConnectBlue AB	End Product	24-Jan-2007	EPL(s): <a href="#">1</a> QPID: <a href="#">B0269000</a>
	EPL		Air211 Inc	<a href="#">Air211 RPA01</a>	Air211 Inc	PROD	15-Dec-2005	QPID: <a href="#">B0109600</a>

- Click "Create New EPL"
- Fill in all required fields and click "Preview Product Listing"
- Finish the EPL by clicking the submit button

## 7 Useful links

### Creating an End Product Listing (EPL) Video

<https://www.bluetooth.org/Events/Training/eplTraining.htm>

### Current qualified listings

<https://www.bluetooth.org/tpg/listings.cfm>

### For more detailed info on the EPL

<https://www.bluetooth.org/Technical/Qualification/eploverview.htm>