

Transfer of TI's Wi-Fi® Alliance Certifications to CC3x00- and CC3x20-Based Products Using the WFA Derivative Certification Policy

Embedded Processing Applications

ABSTRACT

This document explains how to employ the Wi-Fi® Alliance (WFA) derivative certification transfer policy [1] to transfer a WFA certification, already obtained by Texas Instruments, to a system you have developed.

Texas Instruments™ has obtained Wi-Fi Alliance certification for the CC3100, CC3200, CC3120, and CC3220 devices and modules. End products you create that use these chips or modules are eligible for consideration under the Wi-Fi Alliance derivative certification policy.

The transfer of a certification using the Wi-Fi Alliance derivative certification policy is a time- and money-saving mechanism that allows you to mark your system with a Wi-Fi Alliance logo and claim that your system is Wi-Fi CERTIFIED™ without having to visit a Wi-Fi Alliance Authorized Test Lab to perform the certification tests.

Contents

1	TI's CC3x00 and CC2x20 Wi-Fi CERTIFIED™ Products	2
2	Transferring TI's Wi-Fi Alliance Certification to Your Product	3
3	References	7

List of Figures

1	Dashboard Page	4
2	Application Options Page	4
3	Acknowledge Page	5
4	Product Information Page	5
5	Continuation of Product Information Page	6
6	Product Designator Page	6
7	Wi-Fi CERTIFIED™ Logo	7

List of Tables

1	Wi-Fi CERTIFIED Products From TI	2
2	TI's Wi-Fi CERTIFIED Products	3

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1 TI's CC3x00 and CC2x20 Wi-Fi CERTIFIED™ Products

Texas Instruments has obtained Wi-Fi certification for the products listed in [Table 1](#). Full certificate details are available from <http://www.wi-fi.org/certified-products-advanced-search>.

Table 1. Wi-Fi CERTIFIED Products From TI

Company	Model	Category	Certifications	Comments
Texas Instruments	CC3100 (physical chip)	Other ⁽¹⁾	bgn, Wi-Fi Direct®, WPA/WPA2-Personal, WMM, WPS	Eligible for WFA derivative policy
Texas Instruments	CC3200 (physical chip)	Other ⁽¹⁾	bgn, Wi-Fi Direct, WPA/WPA2-Personal, WMM, WPS	Eligible for WFA derivative policy
Texas Instruments	CC3100MOD (physical module)	Other	bgn, Wi-Fi Direct, WPA/WPA2-Personal, WMM, WPS	Eligible for WFA derivative policy
Texas Instruments	CC3200MOD (physical module)	Other	bgn, Wi-Fi Direct, WPA/WPA2-Personal, WMM, WPS	Eligible for WFA derivative policy
Texas Instruments	CC3120 (physical chip) also applies to CC3120MOD (physical module)	Other	bgn, Wi-Fi Direct, WPA/WPA2-Personal, WMM, WPS	Eligible for WFA derivative policy
Texas Instruments	CC3220 (physical chip) Also applies to CC3220SMOD and CC3220SFMOD (physical modules)	Other	bgn, Wi-Fi Direct, WPA/WPA2-Personal, WMM, WPS	Eligible for WFA derivative policy

⁽¹⁾ With the CC3100 and CC3200 devices, Texas Instruments was the first company to obtain a Wi-Fi certification at the chip level, which demonstrates that all the functions required for Wi-Fi operation have been integrated within these devices.

2 Transferring TI's Wi-Fi Alliance Certification to Your Product

Following are the two basic requirements to transfer a Wi-Fi Alliance certification from Texas Instruments using the Wi-Fi Alliance derivative policy.

- Your company must be a member of the Wi-Fi Alliance.
To verify membership, visit <http://www.wi-fi.org/who-we-are/member-companies>.
- Your system must be based on a certified product from Texas Instruments that is listed in [Table 2](#) (the list is current as of February 2017. New products may be added in the future. Full certificate details are available from <http://www.wi-fi.org/certified-products-advanced-search>).

Table 2. TI's Wi-Fi CERTIFIED Products

Company	Model	Category	WFA Certificate ID	Certifications	Comments
Texas Instruments	CC3100 (physical chip)	Other	WFA56245	bgn, Wi-Fi Direct, WPA/WPA2-Personal, WMM, WPS	Eligible for WFA derivative policy
Texas Instruments	CC3200 (physical chip)	Other	WFA56257	bgn, Wi-Fi Direct, WPA/WPA2-Personal, WMM, WPS	Eligible for WFA derivative policy
Texas Instruments	CC3100MOD (physical module)	Other	WFA56525	bgn, Wi-Fi Direct, WPA/WPA2-Personal, WMM, WPS	Eligible for WFA derivative policy
Texas Instruments	CC3200MOD (physical module)	Other	WFA56530	bgn, Wi-Fi Direct, WPA/WPA2-Personal, WMM, WPS	Eligible for WFA derivative policy
Texas Instruments	CC3120 (physical chip) also applies to CC3120MOD (physical module)	Other	WFA70372	bgn, Wi-Fi Direct, WPA/WPA2-Personal, WMM, WPS	Eligible for WFA derivative policy
Texas Instruments	CC3220 (physical chip) Also applies to CC3220SMOD and CC3220SFMOD (physical modules)	Other	WFA70373	bgn, Wi-Fi Direct, WPA/WPA2-Personal, WMM, WPS	Eligible for WFA derivative policy

If your product uses a TI component shown in the column *model* in [Table 2](#), you can transfer the corresponding Wi-Fi Alliance certification for the Texas Instruments component to your product by following the steps described in this document.

NOTE: The CC3120 and CC3220 devices have the same individual Wi-Fi Alliance certifications that cover both chip and module products from Texas Instruments. However, the CC3100 and CC3200 devices have separate Wi-Fi Alliance certifications for the chip and module components.

2.1 Steps to Transfer the Certification for the TI Component to Your Product

You can initiate the transfer without directly involving Texas Instruments with the steps that follow.

1. Log into the Wi-Fi Alliance certification system using the following link:

<https://certifications.prod.wi-fi.org/member/dashboard>

NOTE: Access requires company membership with the Wi-Fi Alliance and also requires that you have established a personal Single Sign On login account.

2. After you log in to the WFA certification system, the next web page shows the status of the certification applications associated with your company. The page will have the format shown in [Figure 1](#).

NOTE: The screen shots in this application note were correct at the time of publication. Be aware that the Wi-Fi Alliance may modify the certification system web interface in the future.

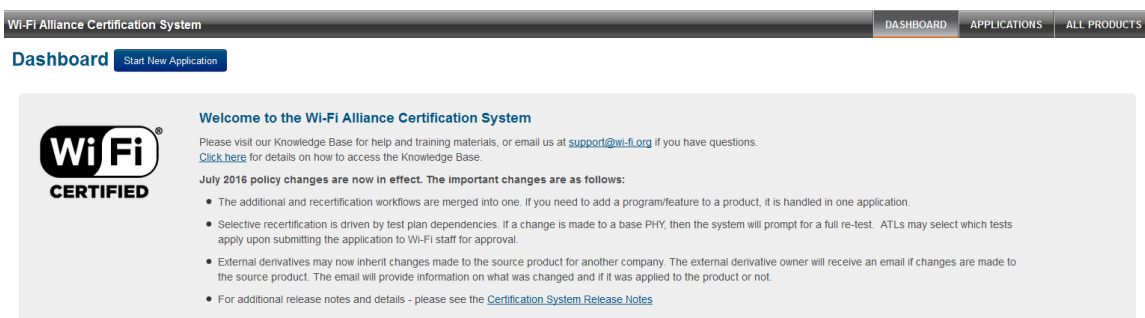


Figure 1. Dashboard Page

3. Click the *Start New Application* button (shown in [Figure 1](#)) to get to the page shown in [Figure 2](#).

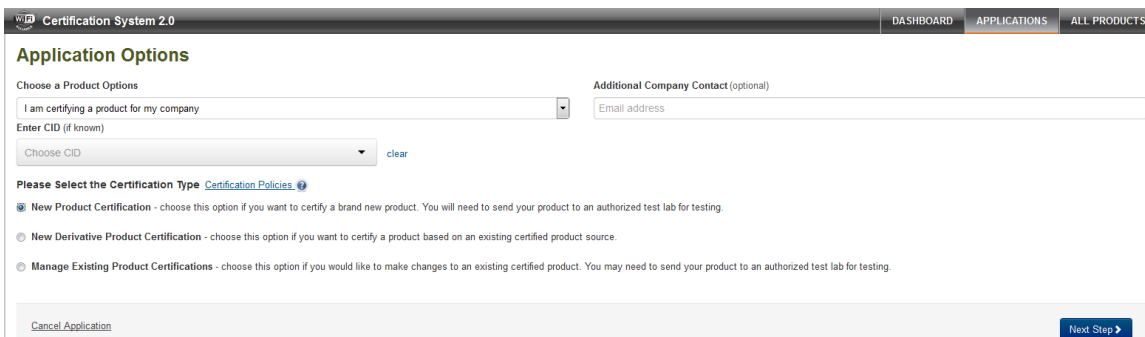


Figure 2. Application Options Page

4. Select *New Derivative Product Certification*. Select *Texas Instruments* as the source company from the drop-down menu.
5. Select your company as the target for the derivative certification.
6. Select the TI certificate to use as the source for the derivative certification you are requesting.

7. Click the *Next Step* button to view the pop-up window shown in [Figure 3](#).

Acknowledge



Wi-Fi Alliance acknowledges that it may receive confidential information as part of a member's certification application. Wi-Fi Alliance agrees to hold information about individual products confidential and use it only for the purposes of processing the certification, until such time when the certification details are made public by the Member.

DO NOT ACCEPT

ACCEPT

Figure 3. Acknowledge Page


8. Accept the confidentiality acknowledgment pop-up. You will then be taken through a series of pages where you will provide information about your system (see [Figure 4](#) and [Figure 5](#)).


Application


Step 1: Product Information

Product Details - The following fields must include the description of your product exactly as you wish the final certification to read. Please verify the name before submission.

Source Product	WFA56245 SimpleLink(TM) Wi-Fi CC3100
From Company:	Texas Instruments
To Company	Texas Instruments

Product Name * 



Model Number * 


Product Identifiers (if known) 


CC3100R1 SKU [add another](#)

Wireless Chipset *

CC3100

Product Operating System *  OS Version 

Proprietary / Other 

Certification Date 

Please Specify *

ThreadX

Do you have previous applications or dependents for this product? Click [here](#) to read important information about publish dates.

Please describe the changes made since the last certification. If none, enter "No Changes". *


Product URL 

Figure 4. Product Information Page

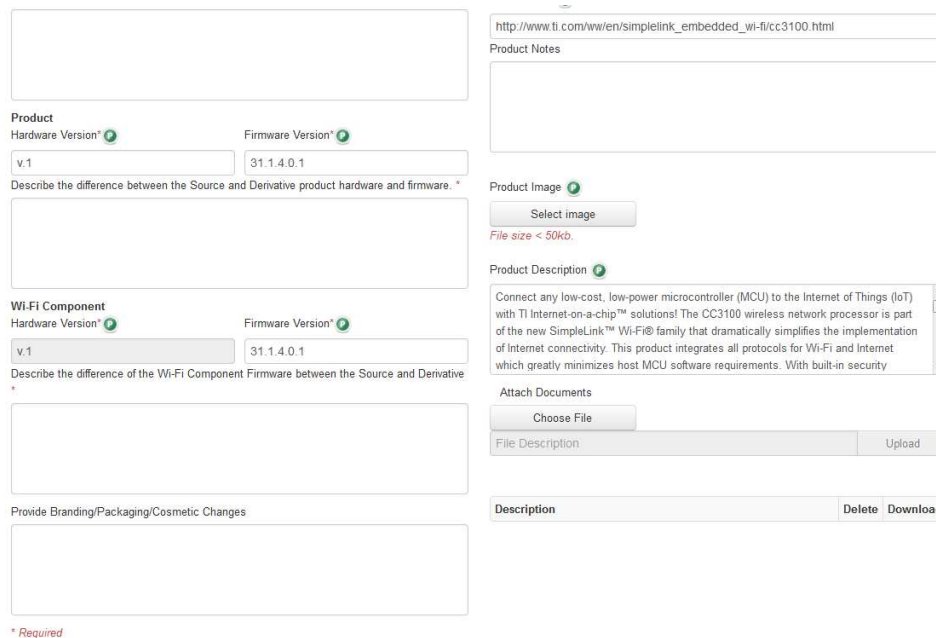


Figure 5. Continuation of Product Information Page

9. The page shown in [Figure 6](#) allows you to describe your product designation.

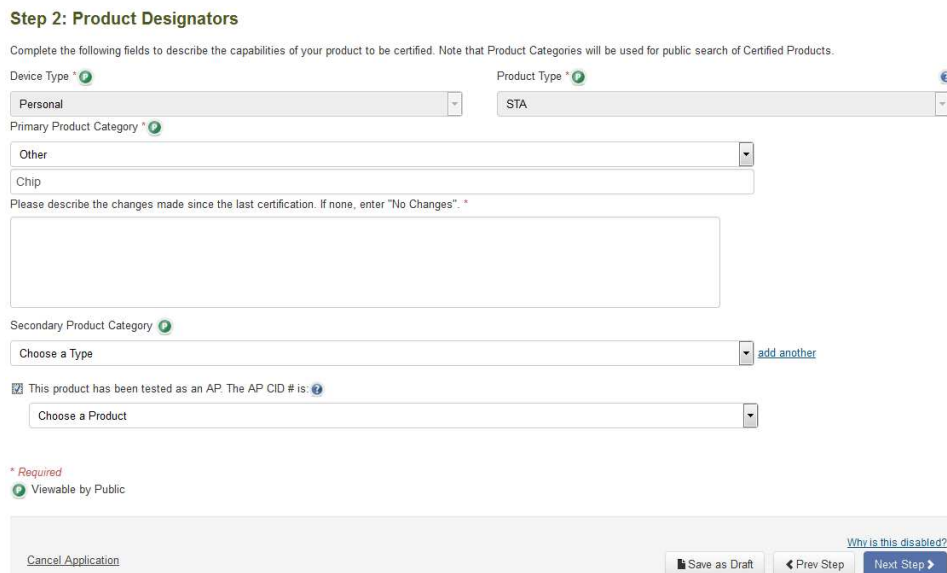


Figure 6. Product Designator Page

After completing the product information and designation pages, you will be given an opportunity to review your overall application and then you will pay the certification transfer fee.

Wi-Fi Alliance staff will then review your application, and if everything is in order, they will grant the derivative certification. After the certification is granted, you will be allowed to apply the relevant Wi-Fi Alliance logo to your product (see [Figure 7](#)), and a certification will be listed under your company name in the Wi-Fi Alliance certification database.



Figure 7. Wi-Fi CERTIFIED™ Logo

Refer to https://www.wi-fi.org/members/logo_download for details regarding use of the Wi-Fi Alliance logos (a membership with the Wi-Fi Alliance is required to log into the logo page).

3 References

[1] Derivative Certifications Policy v4.0.pdf (This document is only available to Wi-Fi Alliance members)
<https://www.wi-fi.org/system/files/members/Derivative%20Certifications%20Policy%20v4.0.pdf>

Revision History

NOTE: Page numbers for previous revisions may differ from page numbers in the current version.

Changes from July 27, 2016 to March 23, 2017	Page
<ul style="list-style-type: none"> Added content about the CC3120 and CC3220 devices and modules 	1

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