Transfer of TI's Wi-Fi Alliance® Certifications to CC3x00/CC3x20/CC3x35-Based Product 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, CC3220, CC3135, and CC3235x devices and modules. End products you create that use these devices 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.

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1 Texas Instruments CC3x00/CC3x20/CC3x3x 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 Texas Instruments

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, CC3220SFMOD, CC3220SMODA and CC3220SFMODA (physical modules)	Other	bgn, Wi-Fi Direct, WPA/WPA2-Personal, WMM, WPS	Eligible for WFA derivative policy
Texas Instruments	CC3135 (physical chip) Also applies to CC3135MOD (physical module)	Other[2]	abgn, Wi-Fi Direct, WPA/WPA2-Personal/enterprise, WMM, WPS	Eligible for WFA derivative policy
Texas Instruments	CC3235x (physical chip) Also applies to CC3235SMOD. CC3235SFMOD, CC3235SMODA and CC3235SFMODA (physical modules)	Other[2]	abgn, Wi-Fi Direct, WPA/WPA2-Personal/enterprise, 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] Also certified in "router" category.

2 *Transfer of TI's Wi-Fi Alliance® Certifications to CC3x00/CC3x20/CC3x35-Based Product Using the WFA Derivative Certification Policy* SWRA458F – June 2014 – Revised January 2020

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2 Transferring Texas Instruments 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 January 2020). New products may be added in the future. Full certificate details are available from http://www.wi-fi.org/certified-products-advanced-search.

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 Section 3.

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.

Table 2. Texas Instruments 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, CC3220SFMOD, CC3220SMODA and CC3220SFMODA (physical modules)	Other	WFA70373	bgn, Wi-Fi Direct, WPA/WPA2-Personal, WMM, WPS	Eligible for WFA derivative policy
Texas Instruments	CC3135 (physical chip) Also applies to CC3135MOD (physical module)	Other[1]	WFA77563	abgn, Wi-Fi Direct, WPA/WPA2-Personal/enterprise, WMM, WPS	Eligible for WFA derivative policy
Texas Instruments	CC3235x (physical chip) Also applies to CC3235SMOD, CC3235SFMOD, CC3235SMODA and CC3235SFMODA (physical modules)	Other[1]	WFA77566	abgn, Wi-Fi Direct, WPA/WPA2-Personal/enterprise, WMM, WPS	Eligible for WFA derivative policy

[1] Also certified in "router" category.

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

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

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

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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.

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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.
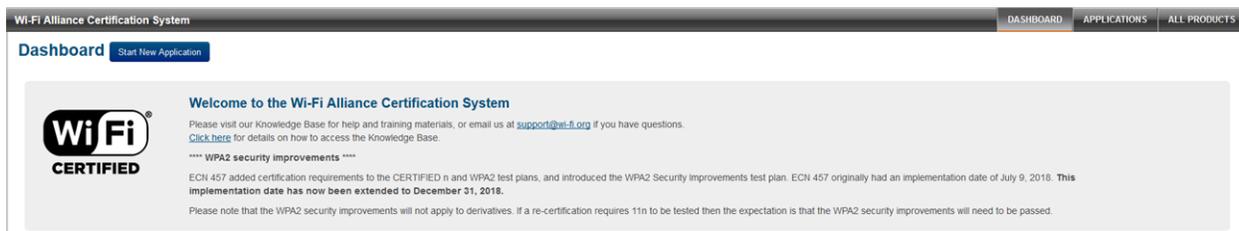
Figure 1. Dashboard Page

3. Click the *Start New Application* button (shown in Figure 1) to get to the page shown in Figure 2.
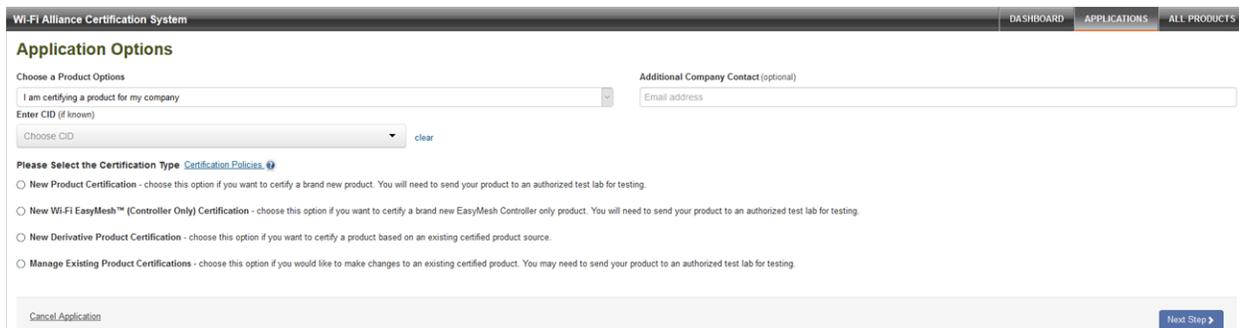
Figure 2. Application Options Page

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.

Figure 3. Acknowledge Page

8. Accept the confidentiality acknowledgment pop-up.
9. You will then be taken through a series of pages where you will provide information about your system. The first page allows you to enter basic information about your product. It also requests that a vulnerability test report should be attached to prove a security vulnerability test has been run. Suitable report files can be downloaded from the Texas Instruments web site link: http://www.ti.com/tool/simplelink-cc3xxx-certification.

    Download the zip file containing the Texas Instruments vulnerability test reports. The zip file contains several vulnerability reports. Select the report that matches the Texas Instruments certification that you are transferring to your product. The mapping between Texas Instruments certifications and vulnerability reports is shown in Table 3.

Table 3. Texas Instruments Wi-Fi CERTIFIED Products

Company	Model	WFA Certificate ID	Vulnerability Report
Texas Instruments	CC3100 (physical chip)	WFA56245	KeyReinstallationVulnerabilityDetection_TestResultSpreadsheet _CC3100.xlsx
Texas Instruments	CC3200 (physical chip)	WFA56257	KeyReinstallationVulnerabilityDetection_TestResultSpreadsheet _CC3200.xlsx
Texas Instruments	CC3100MOD (physical module)	WFA56525	KeyReinstallationVulnerabilityDetection_TestResultSpreadsheet _CC3100.xlsx
Texas Instruments	CC3200MOD (physical module)	WFA56530	KeyReinstallationVulnerabilityDetection_TestResultSpreadsheet _CC3200.xlsx
Texas Instruments	CC3120 (physical chip) also applies to CC3120MOD (physical module)	WFA70372	KeyReinstallationVulnerabilityDetection_TestResultSpreadsheet _CC3120.xlsx
Texas Instruments	CC3220 (physical chip) Also applies to CC3220SMOD, CC3220SFMOD, CC3235SMODA and CC3235SFMODA (physical modules)	WFA70373	KeyReinstallationVulnerabilityDetection_TestResultSpreadsheet _CC3220.xlsx

Table 3. Texas Instruments Wi-Fi CERTIFIED Products (continued)

Company	Model	WFA Certificate ID	Vulnerability Report
Texas Instruments	CC3135 (physical chip) Also applies to CC3135MOD (physical module)	WFA77563	KeyReinstallationVulnerabilityDetection_TestResultSpreadsheet_CC3135.xlsx
Texas Instruments	CC3235x (physical chip) Also applies to CC3220SMOD, CC3220SFMOD, CC3235SMODA and CC3235SFMODA (physical modules)	WFA77566	KeyReinstallationVulnerabilityDetection_TestResultSpreadsheet_CC3235.xlsx

10. Upload the vulnerability report that you have selected by way of the following Wi-Fi Alliance certification product information form (see Figure 4).

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Figure 4. Product Information Page

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11. The page shown in Figure 5 allows you to describe your product designation.

Figure 5. 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 6), and a certification will be listed under your company name in the Wi-Fi Alliance certification database.

Figure 6. Wi-Fi CERTIFIED™ Logo

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), see https://www.wi-fi.org/members/logo_download.

4 References

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 E Revision (April 2019) to F Revision	Page
• Updates were made in Section 1	2
• Updates were made in Section 2	3

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