



January 14, 2020

This document is to certify that I have received verification from representatives of all members of the Tizen TSG that the following representative model is compliant with the Tizen TV Certification Specification. I have also received copies of the documentation stating the same.

TV devices based on the same chipset in the given model with an identical software bill of materials for the implementation of Tizen TV APIs are also certified by this document, with the list of models to be provided by Samsung Electronics on a quarterly basis.

Device Description (Name/Model, OS version)	Samsung UHD TV Q80T(Nike-M)
Device Type (TV, Set-top box, etc.)	TV
Tizen Platform Version	5.5

Verified by:

- Samsung Electronics:
 - Mr. Jonghyuk Choi, Chair of TV Workgroup under Tizen Technical Steering Group

The documents as submitted to me are attached as exhibits, with the detailed test results in a zip files named:

- "Tizen 5.5 Compliance Tests_TV_Nike-M result_0003.10_Web_QTQ80.zip" with sha256 808f7a6cfdcae9baf54e280c02965b207e2385fcf788258ff3119bdbeb123574, and
- "Tizen 5.5 Compliance Tests_TV_Nike-M result_0003.10_CSharp_QTQ80.zip" with sha256 414cd4ac2f3e08bf3489397e8b00f6c8c98f91b62e1bbca81ac91021a4bd0633

Todd Benzies
The Linux Foundation

Todd Benzies

1/14/2020 | 2:12 PM PST



Certification Request Form: Tizen 5.5 TV Profile

1) Requestor Information

Company Name	Samsung Electronics Co., Ltd. (Visual Display Division)
Department	R&D Innovation Group
Job Function (Engineer, Marketing, etc.)	Engineer
Full Name	Manufacturer (JaeUk Kwon, jaeuk.kwon@samsung.com) Web/C#-TCT (Dohee Kim, dohee12.kim@samsung.com)
E-mail Address	dohee12.kim@samsung.com
Phone Number	+82-10-9187-1857
Request Date	Jan 10, 2020(KST)
Device Description (Name/Model, OS version)	Samsung UHD TV Q80T(Nike-M) / Tizen 5.5
Device Type (TV, Set-top box, etc.)	TV
Tizen Platform Version	5.5

Requestor personal information will never be published. It is only used in case there are further questions about the submission.

2) TCT result submission checklist

Please check for each item that has been completed.

Note that the web/C# TCT MUST pass 100% for the Tizen TV Profile.

Type of TCT	TCT Requirement	Check if complete
Web	1. Submitted Web TCT test results	YES
	2. Submitted Web TCT behavior test results	
C#	3. Submitted C# TCT test results	YES
	4. Submitted C# TCT behavior test results	

3) Compliance requirement checklist

Please check for each item that has been completed.

The below items MUST be supported on your device and marked as complete to be accepted.

The "TCS Section" column indicates the section number of the requirement in the Tizen 5.5 Compliance Specification for TV Profile.



TCS Section	TCS Requirement	Check if complete
2.8.2	If a browser is provided (optional), the device includes pointer support.	YES
2.10.1	The device includes navigation keys which send DOM ArrowDown, ArrowLeft, ArrowRight and ArrowUp key events.	YES
	The device includes an Enter key which sends a DOM Enter key event.	YES
	The device includes a back key which sends a tizenhwkey event with keyName == back.	YES
2.11	The device follows the Linux standard security model,	YES
	The device follows Smack-based access control and process isolation.	YES
	The device meets the Tizen privileged information requirement.	YES
2.13	<p>If the device is able to connect to the SDK through USB (optional) and it supports following tools, then write SDK YES</p> <ul style="list-style-type: none"> • Smart Development Bridge • Log View <p>If the device is not intended to connect to the SDK, write SDK NO</p>	SDK YES
3.1.1	The device has at least 512MB of RAM.	YES
	The device has at least 2GB of permanent memory.	YES
	The device allows access to files in the shared media folder.	YES
3.1.2	The device has an audio output.	YES
3.1.3	The device includes internet network accessibility.	YES
3.1.4	Native screen resolution: Width x Height (e.g. 1920x1080)	YES (3840x2160)

Samsung Nike-M TV Derivatives

Tizen 5.5

Base Model (certified 2020-01-14)

QN65Q80TAFXZA

2020 Models

QN65Q70TAFXZA » QNXXQ70TYZZZZ	
XX	Size
Y	Change for additional hardware
ZZZZ	Country/Market

- | | |
|------------------|------------------|
| - GQXXLS01TYZZZZ | - GQXXLS03TYZZZZ |
| - GQXXLS05TYZZZZ | - GQXXLST7TYZZZZ |
| - GQXXLST9TYZZZZ | - GQXXQ700TYZZZZ |
| - GQXXQ70TYZZZZ | - GQXXQ71TYZZZZ |
| - GQXXQ72TYZZZZ | - GQXXQ73TYZZZZ |
| - GQXXQ74TYZZZZ | - GQXXQ75TYZZZZ |
| - GQXXQ76TYZZZZ | - GQXXQ77TYZZZZ |
| - GQXXQ78TYZZZZ | - GQXXQ79TYZZZZ |
| - GQXXQ7DTYZZZZ | - GQXXQ800TYZZZZ |
| - GQXXQ80TYZZZZ | - GQXXQ81TYZZZZ |
| - GQXXQ82TYZZZZ | - GQXXQ83TYZZZZ |
| - GQXXQ84TYZZZZ | - GQXXQ850TYZZZZ |
| - GQXXQ85TYZZZZ | - GQXXQ86TYZZZZ |
| - GQXXQ87TYZZZZ | - GQXXQ88TYZZZZ |
| - GQXXQ89TYZZZZ | - GQXXQ8DTYZZZZ |

- GQXXQ8ETYZZZZ
- GQXXQ8UTYZZZZ
- GQXXQ90TYZZZZ
- GQXXQ95TYZZZZ
- HGXXTS010YZZZZ
- KQXXLST01YZZZZ
- KQXXLST05YZZZZ
- KQXXQT70YZZZZ
- KQXXQT80YZZZZ
- KQXXQT82YZZZZ
- KQXXQT84YZZZZ
- KQXXQT86YZZZZ
- KQXXQT88YZZZZ
- KQXXQT900YZZZZ
- KQXXQT950YZZZZ
- LHXXBHTELEZZZZ
- QAXXLS01TYZZZZ
- QAXXLS05TYZZZZ
- QAXXQ700TYZZZZ
- QAXXQ71TYZZZZ
- QAXXQ73TYZZZZ
- QAXXQ75TYZZZZ
- QAXXQ77TYZZZZ
- QAXXQ79TYZZZZ
- QAXXQ7DTYZZZZ
- QAXXQ80TYZZZZ
- QAXXQ82TYZZZZ
- QAXXQ84TYZZZZ
- QAXXQ85TYZZZZ
- QAXXQ87TYZZZZ
- QAXXQ89TYZZZZ
- QAXXQ8ETYZZZZ
- QAXXQ8UTYZZZZ
- QAXXQ90TYZZZZ
- QAXXQ95TYZZZZ
- QEXXLS03TYZZZZ
- QEXXLST7TYZZZZ

- GQXXQ8PTYZZZZ
- GQXXQ900TYZZZZ
- GQXXQ950TYZZZZ
- HGXXTQ800YZZZZ
- HGXXTS030YZZZZ
- KQXXLST03YZZZZ
- KQXXLSTT7YZZZZ
- KQXXQT800YZZZZ
- KQXXQT81YZZZZ
- KQXXQT83YZZZZ
- KQXXQT85YZZZZ
- KQXXQT87YZZZZ
- KQXXQT89YZZZZ
- KQXXQT90YZZZZ
- KQXXQT95YZZZZ
- LHXXBHTELGZZZZ
- QAXXLS03TYZZZZ
- QAXXLST7TYZZZZ
- QAXXQ70TYZZZZ
- QAXXQ72TYZZZZ
- QAXXQ74TYZZZZ
- QAXXQ76TYZZZZ
- QAXXQ78TYZZZZ
- QAXXQ7ATYZZZZ
- QAXXQ800TYZZZZ
- QAXXQ81TYZZZZ
- QAXXQ83TYZZZZ
- QAXXQ850TYZZZZ
- QAXXQ86TYZZZZ
- QAXXQ88TYZZZZ
- QAXXQ8DTYZZZZ
- QAXXQ8PTYZZZZ
- QAXXQ900TYZZZZ
- QAXXQ950TYZZZZ
- QEXXLS01TYZZZZ
- QEXXLS05TYZZZZ
- QEXXLST9TYZZZZ

- QEXXQ700TYZZZZ
- QEXXQ71TYZZZZ
- QEXXQ73TYZZZZ
- QEXXQ75TYZZZZ
- QEXXQ77TYZZZZ
- QEXXQ79TYZZZZ
- QEXXQ800TYZZZZ
- QEXXQ81TYZZZZ
- QEXXQ83TYZZZZ
- QEXXQ850TYZZZZ
- QEXXQ86TYZZZZ
- QEXXQ88TYZZZZ
- QEXXQ8DTYZZZZ
- QEXXQ8PTYZZZZ
- QEXXQ900TYZZZZ
- QEXXQ950TYZZZZ
- QNXXLS01TYZZZZ
- QNXXLS05TYZZZZ
- QNXXLST9TYZZZZ
- QNXXQ70TYZZZZ
- QNXXQ72TYZZZZ
- QNXXQ74TYZZZZ
- QNXXQ76TYZZZZ
- QNXXQ78TYZZZZ
- QNXXQ7DTYZZZZ
- QNXXQ80TYZZZZ
- QNXXQ82TYZZZZ
- QNXXQ84TYZZZZ
- QNXXQ85TYZZZZ
- QNXXQ87TYZZZZ
- QNXXQ89TYZZZZ
- QNXXQ8ETYZZZZ
- QNXXQ8UTYZZZZ
- QNXXQ90TYZZZZ
- QNXXQ95TYZZZZ
- QTV-QWJ00/T

- QEXXQ70TYZZZZ
- QEXXQ72TYZZZZ
- QEXXQ74TYZZZZ
- QEXXQ76TYZZZZ
- QEXXQ78TYZZZZ
- QEXXQ7DTYZZZZ
- QEXXQ80TYZZZZ
- QEXXQ82TYZZZZ
- QEXXQ84TYZZZZ
- QEXXQ85TYZZZZ
- QEXXQ87TYZZZZ
- QEXXQ89TYZZZZ
- QEXXQ8ETYZZZZ
- QEXXQ8UTYZZZZ
- QEXXQ90TYZZZZ
- QEXXQ95TYZZZZ
- QNXXLS03TYZZZZ
- QNXXLST7TYZZZZ
- QNXXQ700TYZZZZ
- QNXXQ71TYZZZZ
- QNXXQ73TYZZZZ
- QNXXQ75TYZZZZ
- QNXXQ77TYZZZZ
- QNXXQ79TYZZZZ
- QNXXQ800TYZZZZ
- QNXXQ81TYZZZZ
- QNXXQ83TYZZZZ
- QNXXQ850TYZZZZ
- QNXXQ86TYZZZZ
- QNXXQ88TYZZZZ
- QNXXQ8DTYZZZZ
- QNXXQ8PTYZZZZ
- QNXXQ900TYZZZZ
- QNXXQ950TYZZZZ
- QTLST7K-XX UHD D.ME0
- UN86TU9010ZZZZ