



Project Details

Project Name	N32WB03X												
Product Type	Controller Subsystem												
TCRL Version:	TCRL 2021-1												
Referenced Qualified Design(s)													
Previously Qualified Design Used in this Qualification(s)	115267												
Listing Date	2021-12-21												
Declaration ID	D057859												
Product Listing(s)	<table><thead><tr><th>Name</th><th>Website</th><th>Category</th><th>Publish Date</th><th>Model Number</th><th>Description</th></tr></thead><tbody><tr><td>Nations Technologies Inc. N32WB03X</td><td></td><td>Unique Products</td><td>12/21/2021 12:00:00 AM</td><td>N32WB03X</td><td>Ultra-low power Bluetooth LE 5.1 chip with 48KB RAM, built-in 256/512KB flash. Together with ARM Cortex-M0 running up to 64MHz and various peripherals, N32WB03X offers developers great feasibility for intensive applications. This chip features a state-of-the-art power management unit that utilizes best-in-class power management. Bluetooth radio power consumption is 3mA for receiving and transmitting while sleep power consumption is less than 1 uA and power down current is less than 100nA. N32WB03X supports full features of Bluetooth LE 5.1 including 2Mbps, long range, CSA #2, advertising extensions, AoA/AoD direction finding, etc. It also supports multiple connections and scan or advertise while keeping stay in connection state. N32WB03X is qualified for 105°C ambient temperature operation. This is a high-quality chip targeting low power, high performance, easy connectivity and stability.</td></tr></tbody></table>	Name	Website	Category	Publish Date	Model Number	Description	Nations Technologies Inc. N32WB03X		Unique Products	12/21/2021 12:00:00 AM	N32WB03X	Ultra-low power Bluetooth LE 5.1 chip with 48KB RAM, built-in 256/512KB flash. Together with ARM Cortex-M0 running up to 64MHz and various peripherals, N32WB03X offers developers great feasibility for intensive applications. This chip features a state-of-the-art power management unit that utilizes best-in-class power management. Bluetooth radio power consumption is 3mA for receiving and transmitting while sleep power consumption is less than 1 uA and power down current is less than 100nA. N32WB03X supports full features of Bluetooth LE 5.1 including 2Mbps, long range, CSA #2, advertising extensions, AoA/AoD direction finding, etc. It also supports multiple connections and scan or advertise while keeping stay in connection state. N32WB03X is qualified for 105°C ambient temperature operation. This is a high-quality chip targeting low power, high performance, easy connectivity and stability.
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Member Company	Nationz												
Declaring Member Contact / Listing Contact Person	<table><tr><td>Name</td><td>Jun Zeng</td></tr><tr><td>Address</td><td>Nations Tower, Baoshen Road #109, Nanshan,</td></tr><tr><td>City</td><td>Shenzhen</td></tr><tr><td>State</td><td>Guangdong</td></tr><tr><td>Country</td><td>China</td></tr><tr><td>Postal Code</td><td>518057</td></tr></table>	Name	Jun Zeng	Address	Nations Tower, Baoshen Road #109, Nanshan,	City	Shenzhen	State	Guangdong	Country	China	Postal Code	518057
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Complete the Project and Submit Product(s) for Qualification

By typing my name or other symbol of my signature into the "Signature" field below, I agree on behalf of Nationz ("Company") to [Bluetooth Launch Studio Terms of Use](#), and I make the following representations and warranties personally and on behalf of Company. The following representations and warranties, together with all project information and the [Bluetooth Launch Studio Terms of Use](#), are the Supplier Declaration of Conformity and Declaration of Compliance described in the [Program Reference Document \(PRD\)](#) and [Declaration Process Document \(DPD\)](#).

- ☒ I am authorized by Company to submit all of the information included in this project and all information is complete and accurate.
- ☒ Company does not, by its governing documents or other applicable law, require more than one signatory, a stamp or seal, or a witnessed signature to be legally bound.

- ☒ I agree on behalf of Company to contract in English and electronically, and adopt the characters and symbols input in the signature field below as my signature, with the same effect as an ink signature.
- ☒ The products included in this project are owned and distributed by Company under a Product name that identifies Company as the source of the Product. Company has the right to use and reference all Qualified Designs referenced in the project, and the products and referenced Qualified Designs comply with the version of the Bluetooth Specification identified in the project submission.
- ☒ The product(s) included in this project and the corresponding Qualified Designs comply with the [Bluetooth Launch Studio Terms of Use](#).

If any of the foregoing is not correct or you do not agree, you must exit this form without signing.

Signature:

Jun Zeng