

D3 Embedded

May 9, 2025

Nemko North America, Inc.
303 River Road, Ottawa, ON K1V 1H2 Canada
Attn: Director of Certification

Family Certification request letter

We are writing to request Family Certification for the following models associated with our product:

- **FCC ID: 2ASVZ-04**
- **IC: 30644-04**
- **HVINs/Models:** RS-L6432S, RS-L6432D

While these models share similarities, there are minor modifications that need to be documented. Below, we provide the necessary details:

1. Electrical Differences:

- The models are electrically identical.
- Although the circuitry and components are largely identical, there are specific variations between the models. These differences include:
 - The "S" version uses a low-voltage UART data interface.
 - The "D" version uses an RS-485 data interface.

The "D" version includes additional components to level-shift the Low Voltage UART interface to differential RS-485

2. Antenna Type and Gain:

- All models share the same antenna type and gain.
- All models share the same antenna type, but there may be slight variations in gain. Specifically:
 - N/A

3. Enclosure Details:

- The enclosures are consistent across models.
- The enclosures exhibit minor differences. These include:
 - N/A.

Test Results Applicability:

The test results obtained for one model within this family can be applied to all other models, considering their similarities. However, any significant differences (e.g., frequency bands, power levels, or functionality) must be clearly documented.

We appreciate your attention to this matter and look forward to a prompt review of our Family Certification request. If you require any additional information or clarification, please do not hesitate to contact us.

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Sincerely,

Signed by:



Signature

Thomas C. Mayo

Print name

Product Line Manager

Title

585-429-1550x142

Phone