IMDS

User Manual for IMDS tool

Revision: 2024-01-19

Document Information

Information	Content
Author	József Papp
Supplier	Nexperia

Revision History

Revision Date	Description
2024-01-19	New document

Contact Information

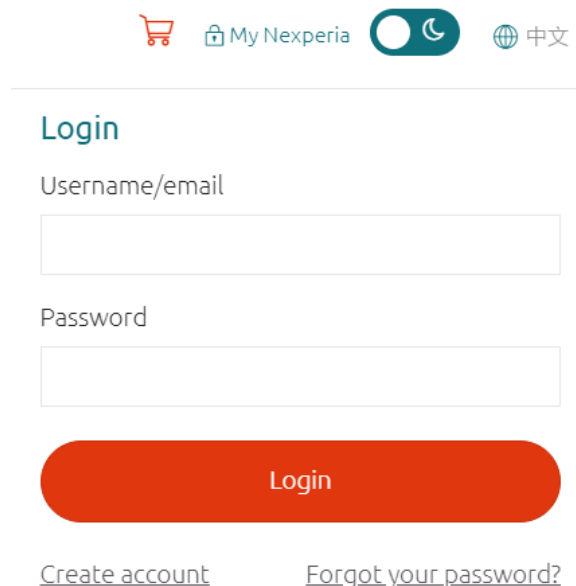For more information, please contact: eco-products@nexperia.com

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1. Introduction of IMDS tool

IMDS is a dedicated tool for requesting IMDS (International Material Data System) information from Nexperia. The IMDS tool has been designed to seamlessly integrate with Nexperia's IT system, ensuring compliance with IMDS requirements. Nexperia will use the provided data to generate material datasheet for the recipient in IMDS system. The tool offers the functionality of mass upload, allowing users to submit up to 100 items using a dedicated template. Through data validation of permissible characters, it facilitates the submission of high-quality material datasheets to customers.

2. Login to My Nexperia

On the top right corner of Nexperia's webpage there is the My Nexperia login link, please click there and log-in or use nexperia.com/my/login.html.

If you haven't signed up yet, please click on "Create account" or visit nexperia.com/my/register directly.

Registration

E-mail *

Full name *
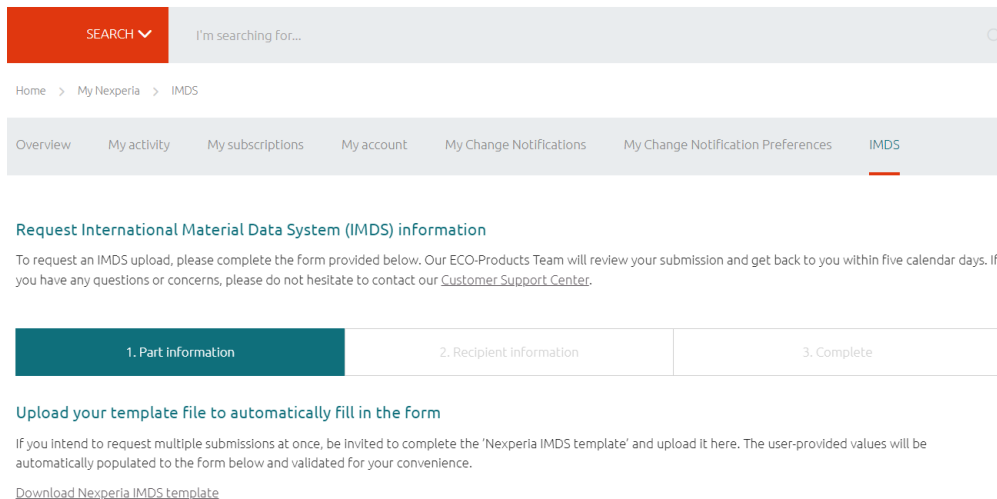
Password *

Password confirmation *

Region *

Select your region ⌄

☐ I agree to the Terms and Conditions

Register

3. IMDS tab

Upon successful login to your My Nexperia account, you will be directed to the "Overview" tab by default. Here, you can view the last five cases, which include not only IMDS-related cases but others as well. To access IMDS tool please select the tab labeled "IMDS" within this menu structure.

4. Providing IMDS data

4.1 Part information

Important: Items in **bold font** are mandatory!

4.1.1 Your Part Number

Part number is used to identify the Nexperia product type on customer side i.e.: F010A77751.

4.1.2 Nexperia Product Type

A Nexperia product type shall be provided here. Please make sure that suffixes to the part name are removed:

- PMPB33XP~~,115~~

- BAS16-Q~~VL~~

In case of manual completion, the drop-down list will help to select allowed Nexperia types.

4.1.3 Your Part Name/Description

Part name shown on customer side. Highly dependant on customer's specific requirements.

- Few customers accept Nexperia product types here.
- Some expect highly specific part names like "DIOD SIGN 250mA 200V BAS321J SOD323".

- If there are no customer-specific requirements in conflict, input "BR" (= business rule) in this field in alignment with IMDS's recommendation. The outcome will be the generation of a generic product name (e.g., Diode, Transistor).

4.1.4   CN Number

If your request is CN-based (Change Notification), please use this field to specify the CN No. (i.e: CN-202201008F). This field is validated against user-selected product type, so only the relevant CNs will be listed.

4.1.5   Drawing Number

Enter the drawing number (e.g., 16236182), it is only required by few customers.

4.1.6   Drawing Date

Enter the drawing date (e.g., 29JN22), it is only required by few customers.

4.1.7   Drawing Change Level

Enter the drawing change level (e.g., D), it is only required by few customers.

4.1.8   IMDS ID

In case of update requests to existing submissions, please provide the IMDS ID of the submission ECO-Products shall update (e.g., 987654321).

Once you've supplied the necessary information, you have the option to proceed by clicking on the "Continue to Recipient Information" tab.

4.2   Recipient information

4.2.1   **Your IMDS Company ID**

Please enter the ID of the recipient's company in IMDS (i.e: 123456). This field is used to identify the company (recipient) registered in IMDS.

4.2.2   **Your Supplier Code for Nexperia**

An unique identifier to recognize a supplier on customer side. If there is no conflicting customer requirement, usage of Nexperia B.V. DUNS is suggested: 49-202-0517.

Click on „Submit your request" button.

4.3   Complete

Each product type will have a separate ticket generated. ECO-Products Team will process each ticket and provide a response, along with the assigned IMDS number for each product type. An auto generated e-mail will be sent out by the system including the IMDS number.

5. Mass upload

If there is a need to request IMDS for multiple parts, it is recommended to utilize the mass upload functionality of IMDS. To accomplish this, kindly utilize the "Download Nexperia IMDS template" link, accessible within the "Part Information" stage of the request submission process, as illustrated in the image below and complete it in accordance with the requirements outlined in the instructions worksheet. There are two options available for importing data into IMDS: you can select the Nexperia IMDS template file or utilize the drag-and-drop functionality.

Request International Material Data System (IMDS) information

To request an IMDS upload, please complete the form provided below. Our ECO-Products Team will review your submission and get back to you within five calendar days. If you have any questions or concerns, please do not hesitate to contact our Customer Support Center.

1. Part information	2. Recipient information	3. Complete

Upload your template file to automatically fill in the form

If you intend to request multiple submissions at once, be invited to complete the 'Nexperia IMDS template' and upload it here. The user-provided values will be automatically populated to the form below and validated for your convenience.

Download Nexperia IMDS template

↥

Drag or select the template file

After performing a mass upload, it is advisable to conduct a thorough review of the data prior to proceeding to the Recipient tab. For ease of navigation, utilize the "Expand all" and "Collapse all" functionalities located at the top right of the table. The expansion option reveals all fields, while the collapse option restricts visibility to only the first two fields („Your part number" and „Nexperia product type").

Fill in manually

You can also fill in the form below manually, illegal characters will be stripped upon input.

<u>Expand all</u>

✓ All fields are valid! ∧

Your part number *

| ABC123 | ⑦ |

6/50

Nexperia product type *

| BAS16 | (933460620215) ∨ |

* Required field

<u>Delete item</u>

✓ All fields are valid! ∧

Your part number *

| Example543 | ⑦ |

10/50

Nexperia product type *

| BAV99 | (933215370215) ∨ |

* Required field

<u>Delete item</u>

To ensure successful population of the table in IMDS, use only this designated template for importing data. The mass upload functionality supports a maximum of 100 items.

6. Validations

To ensure high quality of data and reduce the risk of rejections in the IMDS system, a strong validation system has been implemented. The able will remain red until all validations are successfully completed. Any field that fails validation will be highlighted with a red frame, accompanied by an error message explaining the reason for the failure.

✕ Invalid field(s) found ⌄

Your part number *

Rs2Q0G8nFvkSWq4iwCAs1tGh7uyUFffXzYZ0kBu2GzofY9qzgAjw6Y9Yy ⑦

Value contains too many characters   320/50

Your part name/description *

F8hz4HfuilUpV2ZoQm5f1zKYklEOCfq7TvjktAatP7UAsYAUYzvn1mu3rU ⑦
SHauUyD2mtGz5XDuuYlqvOj03t601BgJgnKcpKJtpBkE8Q8VNDdZSxw

150/250

Drawing number

nak6qYI4CilRUKc1Lqdyr64ojiiOKihZTz30UQq3sHmi3wtrWb

Value contains too many characters   50/20

Drawing date

2023-11-27

10/20

Nexperia product type *

BC817-40-Q   (934663619215) ⌄

CN number

CN-202207003F

IMDS ID

1279800191 ⑦

10/10

Drawing change level

B

1/30

* Required field

Delete item

⌃

When the table turns green, it signifies that all the requirements have been satisfied.

7. SLA

The requester will receive notification from the Helpdesk+ system that the ticket has been set to resolved state. The Service Level Agreement (SLA) for IMDS is 5 business days. Consequently, we will strive to provide the IMDS number ahead of this deadline.

8. Legal Disclaimer