

Supplier Change Notification Process

Supplier Training



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Review Agenda

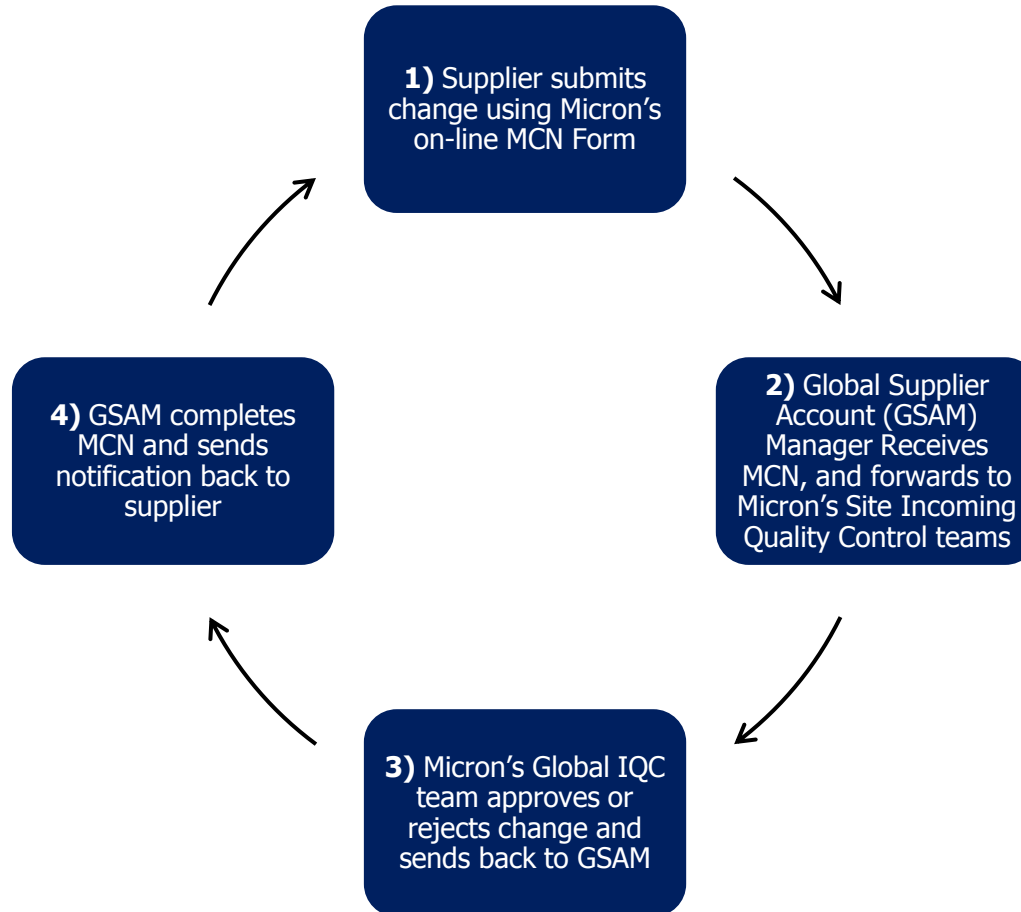
- Why is Micron implementing the process
- How does MCN (Material Change Notification) process work
- Where does Supplier go to enter a change request
- How does Supplier fill out the MCN form
- What can Supplier expect during and after the review process

- References & Definitions of acronyms:
 - Micron's Supplier Change Policy for Materials
 - GSAM - Micron's Global Supplier Account Manager
 - IQC – Micron's Incoming Quality Control
 - MCN – Material Change Notification

Why is Micron Implementing?

- Purpose
 - ▶ Process for Suppliers to inform Micron and its subsidiaries that they are proposing a change to the materials that Micron uses
- Why?
 - ▶ To meet ISO TS16949 certification
 - ▶ Customer Quality Requirements
 - ▶ Defines what Micron and subsidiaries consider a Material change, and eliminate ambiguity.
 - ▶ Standardize process for Supplier to communicate proposed material changes to Micron and subsidiaries.
 - ▶ Process for Micron to formalize a response to key suppliers on material change requests.

Process Flow Chart



Location to enter a change

- Enter change using Micron's on-line form.
- Access the on-line MCN form via www.micron.com

Refer to slides 6 through 17 to establish proper on-line connections

- Before supplier can access on-line MCN form, two step process is required;

1. Set up on-line account:

- ▶ WWW.MICRON.COM

Slides 7 to 12

2. Request access for MCN Form.

Slides 13 to 16

Set up on-line Account

1st Step

Micron Corporate Web Page



The screenshot shows the Micron corporate website. At the top left is the Micron logo. On the top right, there are links for "Investor Relations", "Press Relations", "Jobs", and "English". Below these are "Login" and "Sign Up" links, with a yellow arrow pointing to "Sign Up". A main navigation bar contains "Products", "Innovations", "How to Buy", "Support", and "About Micron". To the right of this bar is a search box with a magnifying glass icon and the text "Advanced Search". The main content area features a large graphic of memory modules and a timeline from 2011 to 2016. The headline "Long Live Memory" is followed by a paragraph about the Longevity Program and a "Learn more" link. Below this are three product categories: "Business Products", "Consumer Products", and "Latest News". At the bottom, there is a "News" section with a date of "May 5, 2011" and a headline about a charitable gift to Boise State. The footer contains "Site Map", "Contact Micron", "Crucial.com", "Lexar.com", "RSS Feeds", "Privacy Policy", and "Terms of Use".

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Long Live Memory

Our newly launched Product Longevity Program makes select memory devices available for a minimum of 10 years to support the long design and lifecycle requirements of the automotive, medical, and industrial segments.

Learn more ▶

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Browse our product catalog.

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News May 5, 2011 | Boise State to Receive Largest Charitable Gift in Its History - \$13 Million From Micron to Advance Materials Science | All News ▶

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Enter Part Number:

Enter Keyword:

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- ▶ E-mail alerts based on your product and application interests
- ▶ Advance notice of new features and tools on micron.com

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Please enter your email address and click **Submit**.

*Email Address :

*Confirm Email :

Micron Profile Completion & Submittal



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*First Name:
*Last Name:
Current Password:
New Password:
Confirm New Password:
*Company Name:
Title:
Job Function:
Telephone Number:
Address Line 1:
Address Line 2:
*City:
*Country:
*State / Province:
Zip / Postal Code:

*Product Preferences:

Which of the following product and application categories are you interested in? (Please choose at least one in each column.)

- | | |
|---------------------------------------|--|
| <input type="checkbox"/> DRAM | <input type="checkbox"/> Automotive |
| <input type="checkbox"/> DRAM Modules | <input type="checkbox"/> Computing |
| <input type="checkbox"/> Mobile DRAM | <input type="checkbox"/> Server |
| <input type="checkbox"/> PSRAM | <input type="checkbox"/> Commercial & Industrial |
| <input type="checkbox"/> NAND Flash | <input type="checkbox"/> Consumer Electronics |
| <input type="checkbox"/> SSD | <input type="checkbox"/> Networking & Communications |
| <input type="checkbox"/> MCPs | <input type="checkbox"/> Mobile |

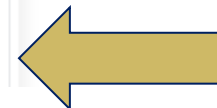
Contact Preferences:

Micron occasionally contacts customers to alert them about product updates or special industry events in their area. You can opt out anytime by visiting [Profile](#), or you can choose to opt out now.

- Yes, I would like to receive product and/or event updates.

Terms and Conditions have been updated. Please review and accept.

- I agree to Micron's [Terms of Use](#).



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If you need to change your personal information or product preferences, please [update your profile](#).

To request access to additional documents, please find the secured document that you'd like access to, click its link, and then fill out the request form to begin that process.

For other questions, please see our [web site FAQs](#)

If you have access to Micron Secure sites, they will appear here.

Material Change Notification

Access to MCN Site.

Requesting access to MCN Site

2nd Step

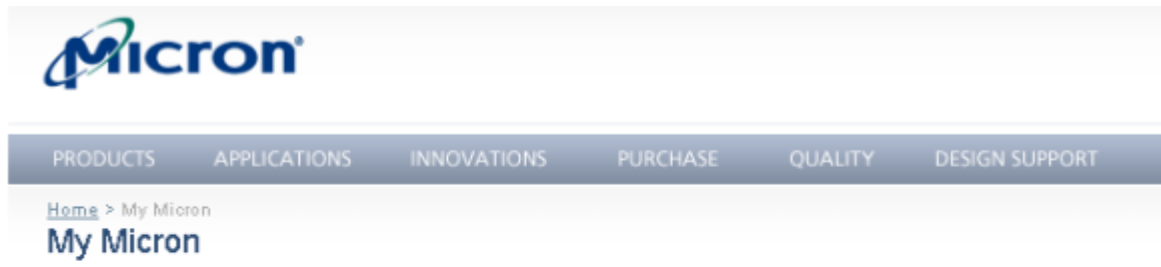
Access Request for MCN Site

Address



Type in Web Address

THEN



Access Denied

You do not currently have access to the Material Change Notification (MCN) or this particular resource within the MCN.

If you feel you have received this message in error, or if you need additional assistance, please e-mail [MCN Support](#).

You can request access to the [Material Change Notification](#)




Click link to proceed

Access Request for MCN Site

- Fill out and complete Request form
- Upon request completion, an e-mail is sent to Micron

My Micron



Request Access to the MCN Site

Please fill out the following form. A Micron representative will follow up on your request and grant access to qualified users:

Micron.com Account

Access services on Micron.com with a single Micron.com Account.

Your Profile Info (Click [Here](#) to update)

First Name:

Last Name:

Company:

Email:

Address 1:

Address 2:

City:

Access Approval Process

- Access Request is sent through an approval process
- Approval should take less than one week
- Approval will be communicated via e-mail

Future Logins

(www.micron.com)



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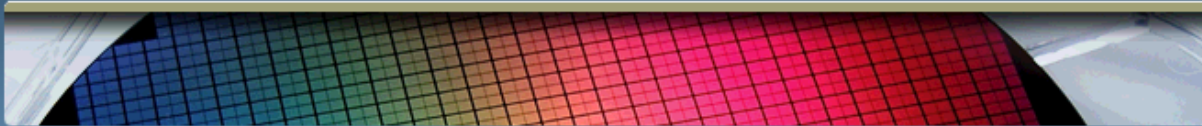
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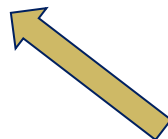
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For other questions, please see our [web site FAQs](#)

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Access to MCN Site.



Click MCN Link to launch change form

Material Change Form

How to fill out MCN form

Filling out MCN Form

- * All fields with red asterisk are required.

MCN Initial Data Entry Form

Requirements | Reviews

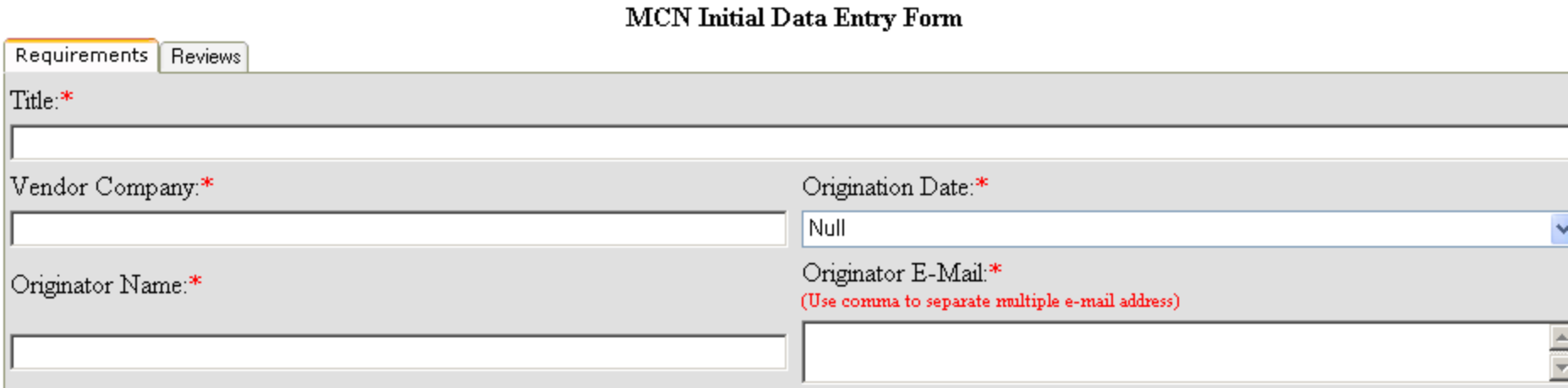
Title:*

Vendor Company:*

Originator Name:*

Origination Date:*

Originator E-Mail:*
(Use comma to separate multiple e-mail address)



- Title: Provide clear and brief explanation of the change
- Vendor Company: Supplier Name
- Origination date: The date change is submitting for review
- Originator name: The person responsible for communication on Supplier side
- Originator E-Mail: List by e-mail address who needs to receive response once change is evaluated

MCN FORM continued....

The screenshot shows a software interface with two main components. On the left, a dropdown menu is open, displaying a list of material types: Silicon Wafers, Photo Resist, Gas, Chemical, Substrate or Leadframe, CMP Slurry, and PVD Targets. The dropdown is titled "Material Type(s):*" in red. To the right of the dropdown is a text input field titled "Material Type(s) Additional Data: (2000 Char Max)". The text field is currently empty.

- Material Type(s): Select the commodity type that is being changed. If more than one, please add the second in the Material Type(s) Additional Data: field

MCN FORM continued....

Location(s) Impacted:* (Use 'Ctrl + Click' to select Multiple Locations)

Risk Level:*

MTI - Boise Fab, Idaho
MTI - Boise Assembly, Idaho
MTV - Manassas, Virginia
IMFT - Lehi, Utah
MIT - Avezzano, Italy
MJP - Nishiwaki, Japan
TECH - Singapore
MSA - Singapore

Minor
 Major

- Location(s): Select Micron or subsidiary location(s) the change impacts
- Risk Level:
 - ▶ Minor – Change that does not affect the form, fit, function, quality, or reliability of the product. It is one that is operational in nature and does not impact quality, performance, electrical, appearance, or reliability of the product
 - ▶ Major – Change that may affect the form, fit, or function of the product and its impact may adversely affect the quality, performance, electrical, appearance or reliability of the product
 - ***Refer to Micron's Supplier Change for Materials Policy Procedure***

MCN FORM continued....

Category:*

Standard Requirement Change
Material Specification Change
Change to Supplier Process Controls
Other

- Category: The portion of Micron's Supplier Policy Procedure that is impacted by the change.
 - ▶ ***Refer to Micron's Supplier Change for Materials Policy Procedure***

MCN FORM continued....

Proposed Change Reason Description: (2000 Char Max)*

Micron or Subsidiary Part Number: Micron or Subsidiary Part Number Additional Data: (2000 Char Max)

Supplier's Old Part Number: Supplier's New Part Number:

Material Descriptions: (2000 Char Max)

- Proposed Change Reason Description: Please be as descriptive as possible on what the change is.
 - ▶ If there is supporting documentation with further details, please send to the Global Commodity Manager through e-mail. The GCM will attach that document to your MCN.
- Micron Part number fields: List Micron's part number if available
- Supplier Part number fields: List internal Supplier part number
- Material Descriptions: Provide detail description of material

MCN FORM continued....

Interchangeable?	Batch Number Impacted?
No	No
Proposed Change Date:*	Delivery Date Affected?
Null	No
Need Additional Qualification Time?	
No	
Additional Qualification Comments: (500 Char Max)	

- Interchangeable: Is material interchangeable ?
- Batch Number Impacted: Is specific batch being changed
- Proposed Change Date: Date supplier is proposing the change
- Delivery Date Affected: When will change enter supply chain
- Need Additional Qualification Time?: Supplier input
- Additional Qualification comments: Supplier input that can assist review

MCN FORM continued....

- Once appropriate fields are filled out, push submit:



- If there is supporting documentation with further details, please send to the Global Commodity Manager through e-mail. The GCM will attach that document to your MCN.
- E-mail will be sent to Supplier submittal;

Subject: Material Change Request #12704 has been submitted to Micron.

Material Change Notification (MCN) has been sent to Micron for Approval. Please contact the Micron Global Commodity Manager if you have questions.

Thanks

MCN Communication Process

- If proposed change is pending, GCM will follow up with the Supplier within 10 business days to provide a status update.
- Once review is complete, the Supplier will receive an e-mail that has the result and supporting notes;

Subject: Change Request #25612 submitted by XYZ Corporation has been Approved.



Micron Material Change Notification

A new Material Change Notification (MCN) has been Approved. Please see attached Notes for details.

For question please contact

MCN_GCM_RESIST@micron.com

Notes: The change is approved

