


# Standardized Information for Process/Product Change Notification (PCN)

| 1. Product Change Notification                 |   |
|--|---|
| Customer                                       |   |
| Name Customer:                                 |   |
| Contact Email address:                         |   |
| 1.1 Company                                    |  |
| Site submitting the change:                    |   |
| Affected site(s):                              |   |
| 1.2 PCN No.                                    | MCM-16616   |
| 1.3 Title of PCN                               | Anti-bleeding-agent (ABA) change with   |
| 1.4 Product Category                           | Active Components - Integrated Circuits   |
| 1.5 Issue date                                 | 13-Jul-2023   |
| 1.6 Note in case of Pre-Initial PCN (optional) |   |
| 1.7 PCN revision history (optional)            | 1.8 Issue date of previous revision (optional)                                    |
|  |   |
|  |   |
|  |   |

| 2. PCN Team                  |                        |
|------------------------------|------------------------|
| 2.1 Contact supplier         |                        |
| 2.1.1 Name                   | Lisa Vanheerswynghele  |
| 2.1.2 Phone                  | +32 57 22 62 07        |
| 2.1.3 Email                  | pcn_mlx@melexis.com    |
| 2.2 Team supplier (optional) |                        |
| 2.2.1 Name (optional)        | 2.2.2 Phone (optional) |
|                              |                        |
|                              |                        |
|                              |                        |

| 3. Change |           |                    |
|-----------|-----------|--------------------|
| No.       | 3.0 Ident | 3.1 Category       |
| #1        | SEM-PA-07 | PROCESS - ASSEMBLY |
| #2        |           |                    |
| #3        |           |                    |
| #4        |           |                    |
| #5        |           |                    |

| 4. Description  |   |
|---|---|
|   | Old   |
| Change #1   | Die attach material Henkel 8290:<br>8290 uses an anti-bleed-agent ( <b>ABA-2</b> ) from Henkel supplied |
| Change #2   |   |
| Change #3   |   |
| Change #4   |   |
| Change #5   |   |
| 4.1 Anticipated impact on form, fit, function, reliability or processability? | No impact on fit, form or function.   |
| 4.2 Anticipated impact on order code  | No impact, current order codes remain valid.  |

| 5. Reason / motivation |   |
|------------------------|---|
| 5.1 Motivation         | Improve robustness against delamination |

|                                       |  |
|---------------------------------------|--|
| 5.2 Additional explanation (optional) |  |
|---------------------------------------|--|

| 6. Marking of parts / traceability |  |
|------------------------------------|--|
| 6.1 Description                    | No change in the marking of the parts.<br>Traceability ensured by lot number and |

| 7. Timing / delivery                 |   |
|--------------------------------------|---|
| 7.1 Date of qualification results    | Available   |
| 7.2 Last order date (optional)       |   |
| 7.3 Last delivery date (optional)    |   |
| 7.4 Intended start of delivery       | January 2024  |
| 7.5 Qualification samples available? | Not applicable<br>Samples can be requested through pcn_ |
| 7.6 Customer feedback required until | 27-Jul-2023   |

| 8. Qualification  |                            |
|---|----------------------------|
| 8.1 Description (e.g. qualification or validation plan/reports) | Generic PQR report         |
| 8.2 Qualification report and qualification results              | Available (see attachment) |

| 9. Input to customer for risk assessment   |  |
|--|--|
| No risk identified, enhanced die attach composition will be qualified in compliance with AEC - Q100. |  |

10. Attachments (e.g. new datasheet, additional documents)

PQR\_Generic\_SOIC8\_Anti\_Bleeding\_Agent\_Change.pdf

## 11. Affecte

| 11.1 Current |  |
|--------------|--|
|--------------|--|

[illegible]

[illegible]

[illegible]

ation [PCN] basic data

DIGI-KEY CORPORATION

DigiKey.SupplierInfo@digkey.com,  
William.Walsh@digkey.com

Melexis Ieper, Melexis Erfurt, Melexis Sofia

|                     |  |  |  |  |
|---------------------|--|--|--|--|
| Melexis<br>Supplier |  |  |  |  |
|---------------------|--|--|--|--|

in existing die attach Henkel 8290

1.9 Delta to previous revision (optional)

Team

2.2.3 Email (optional)

Form based on ZVEI - Revision 5.0

| Changes |                     |
|---------|---------------------|
|         | 3.2 Type of change  |
|         | Die attach material |
|         |                     |
|         |                     |
|         |                     |
|         |                     |
|         |                     |

| Type of change |   |
|----------------|---|
|                | New   |
| Supplier A     | Die attach material Henkel 8290A:<br>8290A uses an anti-bleed-agent <b>(ABA-3)</b> from Henkel supplier C |
|                |   |
|                |   |
|                |   |
|                |   |
|                |   |
|                |   |
|                |   |

| Justification for change |
|--------------------------|
| <p>on.</p>               |
|                          |



feasibility of change

datecode through the Melexis ERP system.

schedule

Please contact your Customer Relations responsible for detailed information. Note that the start of de

\_mlx@melexis.com

Please provide your initial feedback through the 'Customer Feedback' sheet as acknowledgement

/ validation

|  |            |  |   |
|--|------------|--|---|
|  | issue date |  | 0 |
|--|------------|--|---|

risk assessment process

mentation, pictures, process flow, sample plan, ...)

ed parts

[illegible]

[illegible]

[illegible]