


1. Product Change Notification [PCN] basic data

	Site submitting the change:	Melexis Ieper, Melexis Erfurt, Melexis Sofia				
	Affected site(s):	Melexis Supplier				
1.2 PCN No.	MCM-16616					
1.3 Title of PCN	Anti-bleeding-agent (ABA) change within existing die attach Henkel 8290					
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)	1.9 Delta to previous revision (optional)				

2. PCN Team

2.1 Contact supplier		
2.1.1 Name	Lisa Vanheerswyngheles	
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)	2.2.3 Email (optional)

3. Changes

No.	3.0 Ident	3.1 Category	3.2 Type of change
#1	SEM-PA-07	PROCESS - ASSEMBLY	Die attach material
#2			
#3			
#4			
#5			

4. Description of change

	Old	New
Change #1	Die attach material Henkel 8290: 8290 uses an anti-bleed-agent (ABA-2) from Henkel supplier A	Die attach material Henkel 8290A: 8290A uses an anti-bleed-agent (ABA-3) from Henkel supplier C
Change #2		
Change #3		

Change #4		
Change #5		
4.1 Anticipated impact on form, fit, function, reliability or	No impact on fit, form or function.	
4.2 Anticipated impact on order code	No impact, current order codes remain valid.	

5. Reason / motivation for change		
5.1 Motivation	Improve robustness against delamination.	
5.2 Additional explanation (optional)		

6. Marking of parts / traceability of change		
6.1 Description	No change in the marking of the parts. Traceability ensured by lot number and datecode through the Melexis ERP system.	

7. Timing / schedule		
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	Please contact your Customer Relations responsible for detailed information. Note that the start of delivery can shift depending on the moment Melexis receives the customer approval.
7.5 Qualification samples available?	Not applicable Samples can be requested through pcn_mlx@melexis.com	
7.6 Customer feedback required until	27-Jul-2023	Please provide your initial feedback through the 'Customer Feedback' sheet as acknowledgement

8. Qualification / validation			
8.1 Description (e.g. qualification or validation plan, test plan, test report)	Sample BCR report		
8.2 Qualification report and qualification results	Available (see attachment)	issue date	0

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

10. Attachments (e.g. new datasheet, additional documentation, pictures, process flow, sample plan, ...)
PCN-Delta-Qualification-Matrix-ZVEI-PCN MCM-16616.xlsm PQR_Generic_SOIC8_Anti_Bleeding_Agent_Change.pdf

11. Affected parts

11.1 Current						11.2 New (if applicable)			
11.1.1 Customer Part No.	11.1.2 Supplier Part Name	11.1.3 Supplier Part No. (optional)	11.1.4 Package Name	11.1.5 Part Description (optional)	11.1.6 Additional Part Informatio n (optional)	11.2.2 Supplier Part Name	11.2.3 Supplier Part No. (optional)	11.2.4 Package Name	11.2.6 Additiona l Part Informati on (optional)
NA	MLX81108KDC-CAE-000-RE		SOIC8 GR						
NA	MLX81112KDC-AAD-000-RE		SOIC8 GR						