


1. PCN basic data					
Customer	Name Customer:				
	Contact Email address:				
	Site submitting the change:	Melexis Ieper			
	Affected site(s):	Melexis Supplier	Melexis Ieper	Melexis Erfurt	Melexis Sofia
1.1 Company					
1.2 PCN No.	MCM-5707				
1.3 Title of PCN	Business Continuity Plan Unisem Batam Products				
1.4 Product Category	Active Components - Integrated Circuits				
1.5 Issue date	7/16/2019				
1.6 PCN revision history (optional)	1.7 Issue date of	1.8 Delta to previous revision (optional)			
V1.0	7/15/2019	Initial PCN			
V2.0	8/29/2019	Initial PCN update			
V3.0	4/8/2020	Final PCN - TH8056 in SOIC8 GR			

2. PCN Team		
2.1 Contact supplier		
2.1.1 Name	pcn_mlx (Lisa Vanheerswyngiels)	
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)
Hanne Thielens Customer Communication Coordination		hth@melexis.com
Vincent Vanzeveren Global Quality Manager		vvv@melexis.com
Karen Stinckens Global Purchasing Manager		kss@melexis.com
Tim Vangerven Package Architect		tmv@melexis.com

Arnaud Devos Functional Safety and Reliability Manager		ade@melexis.com
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3. Changes

No.	3.0 Ident	3.1 Category	3.2 Type of change
#1	SEM-PA-18	PROCESS - ASSEMBLY	Move of all or part of assembly to a different location/site/subcontractor
#2	SEM-PA-07	PROCESS - ASSEMBLY	Die attach material
#3	SEM-PA-16	PROCESS - ASSEMBLY	Change of direct material supplier
#4	SEM-PA-19	PROCESS - ASSEMBLY	Die Scribe or separation

4. Description of change

	Old	New
Change #1	Assembly house location : Unisem Batam (Indonesia)	Assembly house location : See section 11.
Change #2	CRM1076	Ablebond 8290
Change #3	Leadframe supplier: PSMP Die attach supplier: Sumitomo Gold wire supplier: Tanaka	Leadframe supplier: Mitsui, ASM, PSMC Die attach supplier: Henkel Gold wire supplier: Heesung, MKE
Change #4	die sawing method: Single	die sawing method: Dual
4.6 Anticipated impact on form, fit, function, reliability or processability?	<ul style="list-style-type: none"> - Based on Risk Assessment including AEC-Q100 and ZVEI guidelines - Use of package generic qualification data (from the assembly houses and Melexis) considering Automotive Grades, Assembly Bill-of-Material & Bill-of-Process and Wafer Technology - Whenever possible, re-use of Melexis qualified Bill-of-Material & Bill-of-Process will be applied" 	
4.7 Reference parts with customer number		

5. Reason / motivation for change

5.1 Motivation	Discontinuation communication from Unisem about operations closure at Unisem Batam by 30-Sep-2019.
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5.2 Additional explanation (optional)	<p>On 28-Jun-2019 Melexis received formal notification about Unisem Batam' Operations discontinuation (see Melexis letter dated 01-Jul-2019). Melexis is using Unisem Batam as subcontractor for the assembly of several products. Subsequently, Melexis has decided to execute its Business Continuity Plan and activate alternative sources to the fullest extent.</p>
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6. Marking of parts / traceability of change	
6.1 Description	Traceability through lot number and shipment date.

7. Timing / schedule		
7.1 Date of qualification results	Qualification report is available	see attached
7.2 Last order date (optional)	Closed	
7.3 Last delivery date (optional)	Q2 2020	
7.4 Intended start of delivery	Apr-20	
7.5 Qualification samples available?	Yes available (date and/or types):	
7.6 Customer feedback required until	20-Apr-2020	

8. Qualification / validation			
8.1 Description (e.g. qual. plan/report, AEC-Q...)	<ul style="list-style-type: none"> - Based on Risk Assessment including AEC-Q100 and ZVEI guidelines - Use of package generic qualification data (from the assembly houses and Melexis) considering Automotive Grades, Assembly Bill-of-Material & Bill-of-Process and Wafer Technology - Whenever possible, re-use of Melexis qualified Bill-of-Material & Bill-of-Process will be applied" 		
8.2 Qualification report and qualification results	available (see attachment)	issue date	As per attached report: result PASS
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9. Input to customer for risk assessment process
