


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/22/13573	
1.3 Title of PCN	L99PMxx, L9952xx (UK39, UK40 ,UN64, UN68, UT49): PSSO36 Muar Assembly Plant Package Bill Of Material Upgrade	
1.4 Product Category	see list	
1.5 Issue date	2022-07-26	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	ROBERTSON HEATHER
2.1.2 Phone	+1 8475853058
2.1.3 Email	heather.robertson@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Francesco MACINA
2.1.2 Marketing Manager	Giovanni Luca TORRISI
2.1.3 Quality Manager	Marcello Donato MENCHISE

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Materials	New direct material part number (same supplier, different supplier or new supplier), Bond wire material, diameter	ST Muar - Malaysia

4. Description of change

	Old	New
4.1 Description	Au wires 1.3 mils Mold compound Hitachi CEL 9240	Cu wires 1.2mils Mold compound Sumitomo G700LS Leadframe finishing in rough copper
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No impact	

5. Reason / motivation for change

5.1 Motivation	Company Roadmap and Quality Improvement
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Dedicated Finished Good Codes
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7. Timing / schedule

7.1 Date of qualification results	2022-07-14
7.2 Intended start of delivery	2022-11-01
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	13573 Validation.zip		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2022-07-26

9. Attachments (additional documentations)		
13573 Public product.pdf 13573 Validation.zip 13573 Details.pdf		
10. Affected parts		
10. 1 Current		10.2 New (if applicable)
10.1.1 Customer Part No	10.1.2 Supplier Part No	10.1.2 Supplier Part No
	L99PM72GXPTR	

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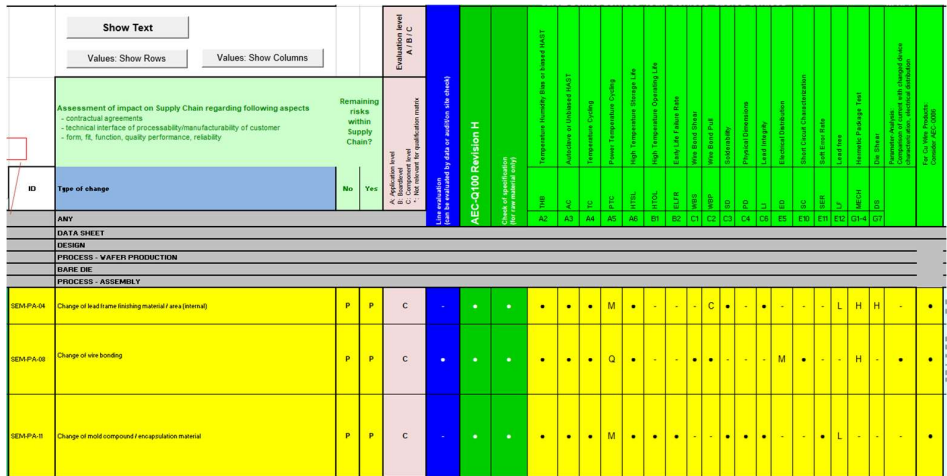
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PRODUCT/PROCESS CHANGE NOTIFICATION

TITLE	L99PMxx, L9952xx (UK39, UK40, UN64, UN68, UT49): PSSO36 Muar Assembly Plant Package Bill Of Material Upgrade
IMPACTED PRODUCTS	ST lines diffused in ST Agrate and Singapore Fabs in BCD5 technology and assembled in PowerSSO36 package, currently adopting gold 1.3mil wires
MANUFACTURING STEP	Assembly
INVOLVED PLANT	ST Muar Plant (Malaysia)
CHANGE REASON	Company roadmap and quality improvement
CHANGE DESCRIPTION	<p>Package Bill Of Material upgrade based on following conversions:</p> <ul style="list-style-type: none"> gold wires 1.3mil diameter converted to copper 1.2mil; mold compound Hitachi CEL 9240 converted to Sumitomo G700LS leadframe finishing converted to rough copper
TRACEABILITY	Internal Traceability and new Finished Good codes (internal part number)
VALIDATION	<p>Validation has been performed according to ZVEI Guidelines for Automotive Changes, e.g. AEC Q100 and Q006:</p> 

CURRENT PRODUCTS	Current products will be replaced by the new version with the upgraded Bill Of Material (wires, mold compound, leadframe finishing).
REPORTS	13573 Validation.zip that includes: <ul style="list-style-type: none">✚ Reliability Report on TV1 Diffused in ST Agrate Fab (UK19)✚ Reliability Report on TV2 Diffused in ST Singapore Fab (UK40)



Public Products List

Public Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

PCN Title : L99PMxx, L9952xx (UK39, UK40 ,UN64, UN68, UT49): PSSO36 Muar Assembly Plant Package Bill Of Material Upgrade

PCN Reference : ADG/22/13573

Subject : Public Products List

Dear Customer,

Please find below the Standard Public Products List impacted by the change.

L99PM72GXP	L9952GXPTR	L99PM62XP
L99PM62XPTR	L9952GXP	L99PM72GXPTR



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