


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	AMS/23/14135	
1.3 Title of PCN	Internal pad re-layout of AIS2DW12TR.	
1.4 Product Category	Pls refer to the Products List.	
1.5 Issue date	2023-05-22	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	KRISZTINA NEMETH
2.1.2 Phone	+49 89460062210
2.1.3 Email	krisztina.nemeth@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Andrea Mario ONETTI
2.1.2 Marketing Manager	Simone FERRI
2.1.3 Quality Manager	Michele CALDERONI

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
General Product & Design	Die redesign: Mask or mask set change with new die design ? Pad modification (sizes, vertical structure, metal thickness)	ST CROLLES, ST ROUSSET, ST MALTA, ST AGRATE

4. Description of change

	Old	New
4.1 Description	Current pad disposition.	New pad disposition and optimized test flow.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No Impact	

5. Reason / motivation for change

5.1 Motivation	The pad re-layout allows a more linear test flow (thanks to better robustness) and then capacity increase.
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	by dedicated code.
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7. Timing / schedule

7.1 Date of qualification results	2023-04-18
7.2 Intended start of delivery	2024-04-01
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	14135 20230426 #_AIS2DW12_BOM_change_01.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2023-05-22

9. Attachments (additional documentations)

14135 Public product.pdf
14135 20230426 #_AIS2DW12_BOM_change_01.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
	AIS2DW12TR	

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