


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/23/14392	
1.3 Title of PCN	ST MUAR (Malaysia) die attach material (Glue) additional source for STM32 LQFP 14x14 SHD 100L package - Addendum to PCN13410 to cover more commercial products.	
1.4 Product Category	STM32 in LQFP 14x14 SHD 100L package - added devices	
1.5 Issue date	2023-11-15	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	NEMETH KRISZTINA
2.1.2 Phone	+49 89460062210
2.1.3 Email	krisztina.nemeth@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Ricardo Antonio DE SA EARP
2.1.2 Marketing Manager	Veronique BARLATIER
2.1.3 Quality Manager	Pascal NARCHE

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), Die Attach material	ST MUAR (Malaysia)

4. Description of change

	Old	New
4.1 Description	STM32 LQFP 14x14 SHD 100L package current die attach material is glue Loctite Ablestik ABP8302	STM32 LQFP 14x14 SHD 100L package Die attach material : - glue Loctite Ablestik ABP8302 - current - glue Hitachi EN4900GC - additional
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	no impact	

5. Reason / motivation for change

5.1 Motivation	For STM32 LQFP 14x14 SHD 100L additional devices listed in PCN14392 we can replace the GLUE LOCTITE ABLESTIK ABP8302 by GLUE HITACHI EN4900GC since this Glue is already used in production for product impacted by PCN13410.
5.2 Customer Benefit	SERVICE IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Traceability ensured by ST internal tool
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7. Timing / schedule

7.1 Date of qualification results	2023-05-19
7.2 Intended start of delivery	2023-12-20
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	14392 MDG-MCD RER1514- LQFP7x7 Muar-PCN9484- reliability evaluation report.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2023-11-15

9. Attachments (additional documentations)

14392 Public product.pdf
14392 MDG-MCD RER1514- LQFP7x7 Muar-PCN9484- reliability evaluation report.pdf
14392 PCN14392_Additional information.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
	STM32F100VCT6	
	STM32F100VDT6	

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