PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	**STMicroelectronics International N.V**
1.2 PCN No.	MDG/22/13410
1.3 Title of PCN	ST MUAR (Malaysia) die attach material (Glue) additional source for STM32 LQFP 14x14 SHD 100L package - on listed products
1.4 Product Category	STM32 in LQFP 14x14 SHD 100L package
1.5 Issue date	2022-06-24

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	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	We are facing a Shortage of GLUE LOCTITE ABLESTIK ABP8302 due to COVID-19 lockdown in Shanghai. For STM32 LQFP 14x14 SHD 100L listed devices we can replace the glue by GLUE HITACHI EN4900GC since this Glue is already used and qualified for LQFP 10x10 64L with same LF finishing and same wire. To minimize the risk ST Microcontrollers Division decided to use an already qualified in ST product as additional glue to maintain state of the art service level to our customers and avoid line stop.
5.2 Customer Benefit	SERVICE IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Traceability ensured by ST internal tool

7. Timing / schedule

7.1 Date of qualification results	2022-05-19
7.2 Intended start of delivery	2022-05-25
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation			
8.1 Description	13410 MDG-MCD RER1514- LQFP7x7 Muar-PCN9484- reliability evaluation report.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	**Issue Date**	2022-06-24

9. Attachments (additional documentations)
13410 Public product.pdf 13410 MDG-MCD RER1514- LQFP7x7 Muar-PCN9484- reliability evaluation report.pdf 13410 PCN13410_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**
	STM32F071V8T6	
	STM32F071V8T6TR	
	STM32F071VBT6	
	STM32F071VBT6TR	
	STM32F072V8T6	
	STM32F072VBT6	
	STM32F078VBT6	
	STM32F091VBT6	
	STM32F091VBT7	
	STM32F091VCT6	
	STM32F091VCT7	
	STM32F100V8T6B	
	STM32F100V8T6BTR	
	STM32F100VBT6B	
	STM32F100VBT6BTR	
	STM32F100VBT7B	
	STM32F100VCT6B	
	STM32F100VDT6B	
	STM32F100VET6B	
	STM32F101VBT6	
	STM32F101VCT6	
	STM32F101VCT6TR	
	STM32F101VDT6	
	STM32F101VET6	
	STM32F101VFT6	
	STM32F101VFT6TR	
	STM32F101VGT6	
	STM32F103V8T6	
	STM32F103V8T6TR	
	STM32F103VBT6	
	STM32F103VBT6TR	
	STM32F103VBT7	
	STM32F103VCT6	
	STM32F103VCT6TR	
	STM32F103VDT6	
	STM32F103VDT6TR	
	STM32F103VET6	
	STM32F103VET6TR	
	STM32F103VET7	

	STM32F103VFT6	
	STM32F103VFT6TR	
	STM32F103VFT7	
	STM32F103VGT6	
	STM32F103VGT6TR	
	STM32F103VGT7	
	STM32F105V8T6	
	STM32F105VBT6	
	STM32F105VCT6	
	STM32F105VCT6TR	
	STM32F105VCT7	
	STM32F107VBT6	
	STM32F107VCT6	
	STM32F107VCT6TR	
	STM32F107VCT7	
	STM32F302VBT6	
	STM32F302VBT6TR	
	STM32F302VCT6	
	STM32F302VCT6TR	
	STM32F302VDT6	
	STM32F302VET6	
	STM32F302VET6TR	
	STM32F303VBT6	
	STM32F303VBT6TR	
	STM32F303VCT6	
	STM32F303VCT6TR	
	STM32F303VCT7	
	STM32F303VDT6	
	STM32F303VET6	
	STM32F303VET6TR	
	STM32F303VET7	
	STM32F358VCT6	

Public Products List

Publict 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 : ST MUAR (Malaysia) die attach material (Glue) additional source for STM32 LQFP 14x14 SHD 100L package - on listed products

PCN Reference : MDG/22/13410

Subject : Public Products List

Dear Customer,

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

STM32F103VCT6TR	STM32F103VDT6	STM32F101VCT6
STM32F101V8T6	STM32F071V8T6	STM32F071V8T7
STM32F103VDT7	STM32F103VBT6TR	STM32F103VDT6TR
STM32F103VBT6	STM32F100VBT6BTR	STM32F071V8T6TR
STM32F107VBT6	STM32F100V8T6BTR	STM32F071V8T7TR
STM32F101V8T6TR	STM32F105V8T6	STM32F103V8T6TR
STM32F101VBT6	STM32F103VBT7	STM32F103VGT6TR
STM32F078VBT6	STM32F302VBT6TR	STM32F103VBT7TR
STM32F103VET6TR	STM32F100VCT6B	STM32F103VGT7TR
STM32F071VBT6	STM32F101VCT6TR	STM32F101VDT6TR
STM32F105VBT6	STM32F303VCT6	STM32F072VBT6
STM32F103VFT7	STM32F105VCT6TR	STM32F101VBT6TR
STM32F091VCT6	STM32F091VCT7	STM32F103VET6
STM32F103VET7TR	STM32F101VET6	STM32F303VBT6TR
STM32F398VET6	STM32F091VCT7TR	STM32F302VBT6
STM32F107VCT6TR	STM32F071VBT6TR	STM32F103VFT6
STM32F107VCT7	STM32F103V8T6	STM32F302VCT6TR
STM32F303VCT6TR	STM32F302VCT7	STM32F072VBT6TR
STM32F303VBT7	STM32F100VET6BTR	STM32F103VFT6TR
STM32F105VCT6	STM32F101VET6TR	STM32F105V8T6TR
STM32F091VCT6TR	STM32F302VET6TR	STM32F302VDT6TR
STM32F100VDT7B	STM32F091VBT6	STM32F303VBT6
STM32F103VGT6	STM32F100VBT7B	STM32F302VCT7TR
STM32F303VDT6	STM32F100VCT6BTR	STM32F100VET7B
STM32F101VFT6	STM32F100VBT6B	STM32F103VGT7
STM32F100V8T7B	STM32F101VFT6TR	STM32F303VET6
STM32F101VDT6	STM32F101VGT6	STM32F103VCT6
STM32F098VCT6	STM32F105VCT7	STM32F100VET6B
STM32F072V8T6	STM32F303VCT7	STM32F303VET7
STM32F091VBT7	STM32F107VCT6	STM32F103VET7
STM32F302VDT6	STM32F100VDT6BTR	STM32F100VDT6B
STM32F358VCT6	STM32F100V8T6B	STM32F302VET6
STM32F302VCT6	STM32F303VDT6TR	STM32F303VCT7TR
STM32F103VDT7TR	STM32F303VET6TR	

IMPORTANT NOTICE – PLEASE READ CAREFULLY