


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/20/11503	
1.3 Title of PCN	JSCC change WBC to DAF – for UQFN4x4 COL28L & UQFN5x5 COL32L packages for STM8L, STM8T, STM32L, STM32G, STM32F listed products	
1.4 Product Category	STM32F04 32K, STM32F050x 32K STM32F33x 64K, STM32G0 128K, STM32G03 64K, STM32G05 64K STM32G49 512K STM32L020x 16KB, STM32L04x 32K STM8L10x 8K, STM8L15x 32K, STM8L15x 8K, STM8TS50	
1.5 Issue date	2020-12-02	

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	JSCC STATSChipPAC (China)

4. Description of change

	Old	New
4.1 Description	Current Die Attach material: - Wafer Backside Coating (WBC) Epoxy Henkel 8006NS	New die attach material: - Die Attach Film (DAF) Hitachi HR5104
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	No impact on Form Fit Function	

5. Reason / motivation for change

5.1 Motivation	To multiply the source to reduce line down risk Improve quality. Increase TSSOP20L loading.
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	tracability ensured by ST internal tools
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7. Timing / schedule

7.1 Date of qualification results	2020-11-02
7.2 Intended start of delivery	2021-02-18
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	11503 MDG-MCD RER1911 V1.0 PCN11503-UQFN4x4_5x5 COL- WBC to DAF change- reliability evaluation report.pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2020-12-02
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9. Attachments (additional documentations)
11503 Public product.pdf 11503 MDG-MCD RER1911 V1.0 PCN11503-UQFN4x4_5x5 COL- WBC to DAF change- reliability evaluation report.pdf 11503 PCN11503_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
	STM32F031G6U6	
	STM32F031G6U6TR	
	STM8L151G4U6	
	STM8L151G4U6TR	

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Public Products List

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PCN Title : JSCC change WBC to DAF – for UQFN4x4 COL28L & UQFN5x5 COL32L packages for STM8L, STM8T, STM32L, STM32G, STM32F listed products

PCN Reference : MDG/20/11503

Subject : Public Products List

Dear Customer,

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

STM32F042G6U6	STM8L101G2U6	STM32L031G6U6S
STM32L041G6U7	STM32L011G4U6	STM8L101G3U6
STM32L031G6U6TR	STM8L101G2U6A	STM8L101G3U6A
STM8TL53G4U6TR	STM8L151G6U7	STM8TL53G4U6
STM32G031G6U6	STM32L031G6U7STR	STM32L031G6U7S
STM32L011G3U7	STM32L031G6U6STR	STM32F042G4U6
STM32L011G4U6TR	STM8L151G6U7TR	STM8L151G4U6
STM32F031G6U7	STM32L021G4U6	STM32F042G6U6TR
STM32F038G6U6	STM32G071GBU6	STM32G031G8U6
STM32F031G4U7	STM32F048G6U6	STM32G071GBU3
STM32F031G4U7TR	STM32F031G4U6	STM32L031G6U6
STM8L151G6U6	STM8L151G6U3	STM8L151G6U3TR
STM32G071GBU6N	STM32F031G6U6TR	STM32F031G4U6TR
STM8L101G3U6TR	STM32G041G6U6	STM32F334K8U6TR
STM32L031G6U3	STM32L011G3U6TR	STM32L031G6U7TR
STM32G031G6U6TR	STM8L151G3U6TR	STM8L151G6U6TR
STM8L151G3U3	STM32L011G4U7	STM32F042G6U7
STM32G041G8U6	STM8L151G4U3	STM32G071GBU6TR
STM32G031G4U6	STM32F031G6U6	STM32L031G6U3TR
STM32F334K8U6	STM32G071G8U6N	STM32L031G6U7
STM8L151G2U3TR	STM32L031G4U6TR	STM8L151G3U6
STM32G081GBU6	STM8L151G4U6TR	STM8L151G2U6
STM32F031G6U7TR	STM32F042G4U6TR	STM32F038G6U6TR
STM32L041G6U6STR	STM32L031G4U6	STM32G071G8U6
STM32L011G3U6	STM32G071GBU3TR	STM8L101G2U6TR
STM8TL52G4U6	STM32G071G8U6TR	STM32G031G8U6TR
STM32G031G8U3TR	STM32G031G8U3	



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