

PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCI No.		CRP/20/12482
1.3 Title of PCI		MBB (Material Barrier Bag) : extend print out warning message on shelf life
1.4 Product Category		Refer to list of impacted products (MDG perimeter)
1.5 Issue date		2020-12-17

2. PCI Team

2.1 Contact supplier	
2.1.1 Name	GAMERL ANN
2.1.2 Phone	
2.1.3 Email	ann.gamerl@st.com
2.2 Change responsibility	
2.2.1 Process Owner	Andrea BURRI
2.1.2 Corporate Quality Manager	Gerard PETIT

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Materials	Any indirect material modifications for shipping products in dimensions, material, composition, orientation...	ALL BE Manufacturing location

4. Description of change

	Old	New
4.1 Description	Due to historical reasons, the MBB ST is providing for SMD (Surface Mount Device) products have printed advise message alerting on 12 months of shelf life in sealed bags.	To align with extended shelf life International trends, the print out advise message for SMD products and in any case all products packed with MBB will be changed alerting on 24 months of shelf life in sealed bags.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	<ul style="list-style-type: none"> - Form: No change on product - Fit: No change on product - Function: No change on product - Reliability, or Processability: NA (Not applicable). 	

5. Reason / motivation for change

5.1 Motivation	<p>The main benefits are:</p> <ul style="list-style-type: none"> - Formalization that shelf life up to 24 months can be sustained - In any case, the advice is a general indication, while the principal MBB robustness proof remains the HIC (Humidity Indicator) control. If HIC didn't change color, this just proves that bag is still in good condition and is protecting device from possible moisture penetration.
5.2 Customer Benefit	MANUFACTURING FLEXIBILITY

6. Marking of parts / traceability of change

6.1 Description	Visible on MBB Print-out label
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7. Timing / schedule

7.1 Date of qualification results	2020-11-27
7.2 Intended start of delivery	2021-01-08
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation

8.1 Description			
8.2 Qualification report and qualification results	In progress	Issue Date	

9. Attachments (additional documentations)

12482 Public product.pdf
12482 PCI_MBB_W49.1.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
	STM32F100RBT6B	
	STM32F101C8T6	
	STM32F103RCT6	
	STM32F103RGT6	
	STM32F401CDU6TR	
	STM32F405RGT6	
	STM32F407IGH6	
	STM32F407IGT6	
	STM32F407VGT6	
	STM32F767VGT6	
	STM32H753IIK6	
	STM32L151RET6TR	
	STM8L151G6U6TR	

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