## **PRODUCT / PROCESS CHANGE NOTIFICATION**

1. PCN basic data			
1.1 Company		STMicroelectronics International N.V	
1.2 PCN No.		MDG/18/10945	
1.3 Title of PCN		Mitsubishi (MGC) stop halogenated core material for BGA products	
1.4 Product Category		V542 product	
1.5 Issue date		2018-09-24	

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	Danilo RIGAMONTI
2.1.2 Marketing Manager	Flavio Giancarlo BENETTI
2.1.3 Quality Manager	Morgan CASON

3. Change		
3.1 Category	3.2 Type of change	3.3 Manufacturing Location
	Any change on substrate (part number, supplier, plant, design or composition of any layer, etc)	9991 ASE TAIWAN

4. Description of change			
Old New			
4.1 Description	Mitsubishi MGC Halogen substrate core material: HL832	Mitsubishi MGC Halogen Free substrate core material: HL832NX(A)	
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no impact on Form, Fit or Function		

5. Reason / motivation for change		
5.1 Motivation Mitsubishi MGC sent a PTN (Product Termination Notification) to announce end of pro for Halogen core substrates, impacting V542 product.		
5.2 Customer Benefit	SERVICE CONTINUITY	

6. Marking of parts / traceability of change	
6.1 Description Change will be identifiable through ST traceability system	

7. Timing / schedule	
7.1 Date of qualification results	2018-06-06
7.2 Intended start of delivery	2018-10-11
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation			
8.1 Description	10945 V542_Stop_halogenated_core_material.pptx		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2018-09-24

## 9. Attachments (additional documentations)

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	
	SPEAR600-2		



## **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 :* Mitsubishi (MGC) stop halogenated core material for BGA products *PCN Reference :* MDG/18/10945

Subject : Public Products List

Dear Customer,

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

SPEAR600-2

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