

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MMS/16/9610	
1.3 Title of PCN	Amkor ATP (Philippines) enhanced Bill Of Materials - STM8S/L products in UFQFPN 3X3 package	
1.4 Product Category	STM8S/L products in UFQFPN 3X3 package.	
1.5 Issue date	2016-03-17	

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	Michel BUFFA	
2.1.2 Marketing Manager	Daniel COLONNA	
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), lead frame, resin, wire, ...)	AMKOR ATP (Philippines)

4. Description of change

	Old	New
4.1 Description	Previous Bill of Materials: - Die Attach Film: NFCC, NEX130C - Resin: Sumitomo, EME G700	New Bill of Materials: - Die Attach Film: Fujikura, ATBF-125E - Resin: Sumitomo, EME G700Y
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	processability: improved by changing the resin.	

5. Reason / motivation for change

5.1 Motivation	Die Attach Film supplier stops its activity at NSCC location. STMicroelectronics will qualify new supplier location at Fujikura. Moreover, ST Microcontrollers Division takes the opportunity to improve package processability by changing the resin.
5.2 Customer Benefit	SERVICE CONTINUITY

6. Marking of parts / traceability of change

6.1 Description	Traceability of the change is ensured by ST internal tools.
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7. Timing / schedule

7.1 Date of qualification results	2016-07-02
7.2 Intended start of delivery	2016-08-02
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation

8.1 Description	9610_RERMCD1603 reliability plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2016-03-17

9. Attachments (additional documentations)
9610PpPrdtLst.pdf 9610_RERMCD1603 reliability plan.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
	STM8L101F1U6ATR	
	STM8L101F2U6ATR	
	STM8L101F3U6ATR	
	STM8L101F3U6TR	
	STM8L151F3U6TR	
	STM8S003F3U6TR	
	STM8S103F2U6TR	
	STM8S103F3U3TR	
	STM8S103F3U6TR	

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