

**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	MDG/16/9518	
<b>1.3 Title of PCN</b>	Change leadframe supplier location and molding compound - STM8AFx VFQFPN 32 5x5 automotive selected products	
<b>1.4 Product Category</b>	Selected STM8AFx automotive products in VFQFPN 32 5x5 package	
<b>1.5 Issue date</b>	2016-07-28	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	SETTLES JEFF
<b>2.1.2 Phone</b>	+44 1628896222
<b>2.1.3 Email</b>	jeff.settles@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Michel BUFFA
<b>2.1.2 Marketing Manager</b>	Daniel COLONNA
<b>2.1.3 Quality Manager</b>	Pascal NARCHE

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
Materials	New direct material part number (same supplier, different supplier or new supplier), lead frame, resin, wire, ...)	Amkor ATP3 (Philippines)

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	Change from: - previous leadframe supplier location : LGI (Fuzhou, China) - previous molding compound : Sumitomo EME-G700	Change to: - new leadframe supplier location : ALS (Ansan, Korea) - new molding compound : Sumitomo EME-G700Y See more information in PCN9518_Additional information document attached.
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	no change	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	LGI leadframe supplier stops its activity in China, due to Chinese government decision. Consequently leadframe supplier changes from LGI (Fuzhou, China) to ALS (Ansan, Korea).  Moreover, ST Microcontrollers Division takes the opportunity of this decision to improve Bill Of Material by changing the molding compound.
<b>5.2 Customer Benefit</b>	SERVICE CONTINUITY

**6. Marking of parts / traceability of change**

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

<b>7.1 Date of qualification results</b>	2016-07-28
<b>7.2 Intended start of delivery</b>	2017-01-28
<b>7.3 Qualification sample available?</b>	Upon Request

<b>8. Qualification / Validation</b>			
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<b>8.1 Description</b>	PCN9518_MDG-MCD RER1517 reliability evaluation report.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	2016-07-28

<b>9. Attachments (additional documentations)</b>			
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9518PpPrdtLst.pdf PCN9518_Additional information.pdf PCN9518_MDG-MCD RER1517 reliability evaluation report.pdf			
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<b>10. Affected parts</b>		
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<b>10. 1 Current</b>		<b>10.2 New (if applicable)</b>
<b>10.1.1 Customer Part No</b>	<b>10.1.2 Supplier Part No</b>	<b>10.1.2 Supplier Part No</b>
	STM8AF6266UCY	

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