

**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	AMG/17/10447	
<b>1.3 Title of PCN</b>	Material set change on TSSOP14 and TSSOP16 packages for General Purpose Analog automotive in Amkor Philippines	
<b>1.4 Product Category</b>	See product list	
<b>1.5 Issue date</b>	2017-11-10	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	ROBERTSON HEATHER
<b>2.1.2 Phone</b>	+1 8475853058
<b>2.1.3 Email</b>	heather.robertson@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Lorenzo NASO
<b>2.1.2 Marketing Manager</b>	Marcello SAN BIAGIO
<b>2.1.3 Quality Manager</b>	Jean-Marc BUGNARD

**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 ATP1

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	Assembly in Amkor ATP1 with : - Molding compound : SUMITOMO EME-G700K - HDLF Lead-frame	Assembly in Amkor ATP1 with : - Molding compound : Sumitomo G700LS - XDLF lead-frame
<b>4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?</b>	No impact	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	Progressing on activities related to process modernization and quality improvement, ST is pleased to announce the introduction of a new molding compound (Sumitomo G700LS) for the TSSOP14L and TSSOP16L in Amkor Philippines as well as a new lead-frame strip density. The density (number of lead-frame's unit per strip during production) will be changed from HDLF to XDLF with no impact on internal frame structure.
<b>5.2 Customer Benefit</b>	SERVICE IMPROVEMENT

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

<b>6.1 Description</b>	New Finished Good codes
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2017-12-15
<b>7.2 Intended start of delivery</b>	2018-02-05
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	10447 10447Qual Report_TSSOP14-16- Auto-f.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	2017-11-10

**9. Attachments (additional documentations)**

10447 Public product.pdf  
10447 10447Qual Report\_TSSOP14-16- Auto-f.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
	A6985F	
	A6985F3V3	
	A6985F5VTR	
	A6986	
	A6986F3V3TR	
	A6986F5V	
	A6986FTR	
	A6986TR	
	ALED6001	
	ALED6001TR	
	L6985F	
	LM2901YPT	
	LM2902YPT	
	LMV324IYPT	
	TSV524AIYPT	
	TSV524IYPT	
	TSZ124IYPT	



## Public Products List

Public 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 :** Material set change on TSSOP14 and TSSOP16 packages for General Purpose Analog automotive in Amkor Philippines

**PCN Reference :** AMG/17/10447

**Subject :** Public Products List

Dear Customer,

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

TSV524IYPT	A6986	A6985F
ALED6001TR	A6986F	A6985F3V3TR
L6985F	A6986F3V3TR	L6986FTR
LM2902YPT	TS954IYPT	A6985F3V3
LMV324IYPT	A6986TR	A6985F5VTR
A6985F5V	A6986F3V3	TSZ124IYPT
A6986F5VTR	A6985FTR	A6986F5V
L6985FTR	A6986FTR	TS924IYPT
ALED6001	L6986F	LM2901YPT



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