

**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	MDG/22/13702	
<b>1.3 Title of PCN</b>	AMKOR ATP (Philippines) TSSOP20 package HDLF to XDLF conversion for STM8AF6213x and STM8AF6223x listed AUTOMOTIVE products	
<b>1.4 Product Category</b>	TSSOP 20 package products listed- automotive products - STM8AF6213x - STM8AF6223x	
<b>1.5 Issue date</b>	2022-11-03	

**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>	Ricardo Antonio DE SA EARP
<b>2.1.2 Marketing Manager</b>	Veronique BARLATIER
<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 base material	Amkor ATP (Philippines)

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	PCBR HDLF to XDLF Conversion AMKOR TSSOP20 Auto (79J)  Current line in Amkor: - Leadframe: Pre-Plated Frame (PPF) , High Density Leadframe (HDLF) - Second level interconnect : e4	Converted line: - Leadframe : Tin Post-plated Frame, Extreme Density Leadframe (XDLF) - Second level interconnect : e3
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	Lead color and surface finish will change due to different leadframe finishing.	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	Pushed by HDLF line obsolescence we will convert to C194 material
<b>5.2 Customer Benefit</b>	SERVICE CONTINUITY

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

<b>6.1 Description</b>	traceability ensured by ST internal tools
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2022-10-17
<b>7.2 Intended start of delivery</b>	2023-04-17
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	13702 MDG-GPM-RER2218 PCN13702 ATP1 TSSOP20.pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2022-11-03
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<b>9. Attachments (additional documentations)</b>
13702 Public product.pdf 13702 MDG-GPM-RER2218 PCN13702 ATP1 TSSOP20.pdf 13702 PCN13702_Additional information.pdf

<b>10. Affected parts</b>		
<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>
	STM8AF6213PCU	
	STM8AF6213PDU	
	STM8AF6223IPCU	
	STM8AF6223PAU	
	STM8AF6223PAX	
	STM8AF6223PCAU	
	STM8AF6223PCU	
	STM8AF6223PCX	
	STM8AF6223PDAU	
	STM8AF6223PDU	



## 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 :** AMKOR ATP (Philippines) TSSOP20 package HDLF to XDLF conversion for STM8AF6213x and STM8AF6223x listed AUTOMOTIVE products

**PCN Reference :** MDG/22/13702

**Subject :** Public Products List

Dear Customer,

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

STM8AF6223PDAX	STM8AF6223PCAX	STM8AF6223PCU
STM8AF6223PDX	STM8AF6223PDU	STM8AF6213PCAX
STM8AF6223PAAU	STM8AF6223PCX	STM8AF6223PDAU
STM8AF6213PCU	STM8AF6223PAU	STM8AF6213PCX
STM8AF6213PDU	STM8AF6223IPCX	STM8AF6223PAX
STM8AF6223PCAU	STM8AF6213PCAU	STM8AF6223PCU



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