


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	MDG/22/12921	
<b>1.3 Title of PCN</b>	AMKOR ATP (Philippines) UFBGA5x5 package assembly line – with additional ROUSSET source for STM32L073x listed products	
<b>1.4 Product Category</b>	STM32L073x	
<b>1.5 Issue date</b>	2022-02-01	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	NEMETH KRISZTINA
<b>2.1.2 Phone</b>	+49 89460062210
<b>2.1.3 Email</b>	krisztina.nemeth@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	(Not Defined)	AMKOR ATP (Philippines)

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	UFBGA5x5 Assembly line already qualified for CMOS F9S GO2 diffusion process variant as below: - Crolles BEOL Copper - Rousset BEOL Aluminium	UFBGA5x5 Assembly line qualified for CMOS F9S GO2 diffusion process variant - Crolles BEOL Copper - Rousset BEOL Aluminium - With additional Rousset BEOL Copper  BEOL Copper = Back-End Of Line with 4 Metal copper + 1 Alu PAD BEOL Aluminium = Back-End Of Line with 4 Metal Alu + 1 Alu PAD (see description in additional information document)
<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>	additional wafer source supply
<b>5.2 Customer Benefit</b>	CAPACITY INCREASE

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

<b>6.1 Description</b>	Please refer to additional information document
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2022-01-24
<b>7.2 Intended start of delivery</b>	2022-04-15
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	12921 MDG-MCD - RER1804 V3.0 - PCN10962 PCN13039 PCN12921 PCN12922- STM32 - Cu BEOL F9GO2S - Reliability Evaluation Report.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	2022-02-01

**9. Attachments (additional documentations)**

12921 Public product.pdf  
12921 MDG-MCD - RER1804 V3.0 - PCN10962 PCN13039 PCN12921 PCN12922- STM32 - Cu BEOL F9GO2S - Reliability Evaluation Report.pdf  
12921 PCN12921\_Additional information.pdf

**10. Affected parts**

<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>
	STM32L072RZI6D	

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## Public Products List

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**PCN Title :** AMKOR ATP (Philippines) UFBGA5x5 package assembly line – with additional ROUSSET source for STM32L073x listed products

**PCN Reference :** MDG/22/12921

**Subject :** Public Products List

Dear Customer,

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

STM32L072RZI6D	STM32L072RBI6	STM32L072RZI6
STM32L073RZI6TR	STM32L072RBI6TR	STM32L072RZI6DTR
STM32L073RZI6	STM32L072RZI6TR	



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