


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	MICROCONTROLLERS/25/15271	
<b>1.3 Title of PCN</b>	ASE KaoHsiung (Taiwan) additional source for legacy STM32F2x, STM32F4x and STM32F7x listed products in LQFP 10x10 64L, 14x14 100L, 20x20 144L and 24x24 176L packages	
<b>1.4 Product Category</b>	STM32F205/215x , STM32F207/217x, STM32F405/415x, STM32F407/417x STM32F411x, STM32F412x, STM32F427/437x , STM32F429/439x, STM32F74xx/75xx and STM32F76xx/77xx.	
<b>1.5 Issue date</b>	2025-05-14	

**2. PCN Team**

<b>2.1 Contact supplier</b>

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
Transfer	Line transfer for a full process or process brick (process step, control plan, recipes) from one site to another site: Assembly site (SOP 2617)	ASE KaoHsiung (Taiwan)

**4. Description of change**

	Old	New
<b>4.1 Description</b>	<p>Current assembly sites (depending on package/product):</p> <ul style="list-style-type: none"> <li>- ST Muar (Malaysia) Silver wire for Crolles &amp; TSMC Dice,</li> <li>- AMKOR ATP (Philippine) Gold for Crolles, TSMC &amp; Rousset Dice,</li> <li>- AMKOR ATP (Philippine) Copper Palladium wire for Crolles, TSMC Dice,</li> <li>- ASE Kaohsiung (Taiwan) Gold wire for Crolles, TSMC &amp; Rousset Dice,</li> <li>- ASE Kaohsiung (Taiwan) Copper Palladium wire for Crolles &amp; TSMC Dice,</li> <li>- JSCC (China) Gold for Crolles, TSMC &amp; Rousset Dice,</li> <li>- JSCC (China) Copper Palladium wire for Crolles, TSMC Dice.</li> </ul> <p>You may refer to 15271_Additional information.pdf document for further details.</p>	<p>Current assembly sites: (depending on package/product):</p> <ul style="list-style-type: none"> <li>- ST Muar (Malaysia) Silver wire for Crolles &amp; TSMC Dice,</li> <li>- AMKOR ATP (Philippine) Gold for Crolles, TSMC &amp; Rousset Dice,</li> <li>- AMKOR ATP (Philippine) Copper Palladium wire for Crolles, TSMC Dice,</li> <li>- ASE Kaohsiung (Taiwan) Gold wire for Crolles, TSMC &amp; Rousset Dice,</li> <li>- ASE Kaohsiung (Taiwan) Copper Palladium wire for Crolles &amp; TSMC Dice,</li> <li>- JSCC (China) Gold for Crolles, TSMC &amp; Rousset Dice,</li> <li>- JSCC (China) Copper Palladium wire for Crolles, TSMC Dice.</li> </ul> <p>Additional assembly site for extended capacity:</p> <ul style="list-style-type: none"> <li>- ASE Kaohsiung (Taiwan) Copper Palladium wire for Rousset Dice.</li> </ul>
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	No Impact on Form, Fit or Function	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	Due to the success on the market of STM32 devices, ST General Purpose and Automotive Microcontrollers division decided to qualify an additional back-end site to maintain state of the art service level to our customers thanks to extra capacity.
<b>5.2 Customer Benefit</b>	SERVICE IMPROVEMENT

6. Marking of parts / traceability of change	
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<b>6.1 Description</b>	Change is visible in the marking. Please refer to PCN 15271_ Additional information.pdf document for further details.
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7. Timing / schedule	
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<b>7.1 Date of qualification results</b>	2025-06-30
<b>7.2 Intended start of delivery</b>	2025-07-31
<b>7.3 Qualification sample available?</b>	Upon Request

8. Qualification / Validation			
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<b>8.1 Description</b>	15271 MDRF-GPAM-RER2520 PCN15271- reliability plan.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	2025-05-14

9. Attachments (additional documentations)	
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15271 Public product.pdf  
 15271 MDRF-GPAM-RER2520 PCN15271- reliability plan.pdf  
 15271\_ Additional information.pdf

10. Affected parts		
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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
	STM32F205RBT6	
	STM32F205RBT6TR	
	STM32F205RBT7	
	STM32F205RCT6	
	STM32F205RCT6TR	
	STM32F205RCT7	
	STM32F205RCT7TR	
	STM32F205RET6	
	STM32F205RET6TR	
	STM32F205RET7	
	STM32F205RFT6	
	STM32F205RFT6TR	
	STM32F205RGT6	
	STM32F205RGT6TR	
	STM32F205RGT7	
	STM32F205VBT6	
	STM32F205VCT6	
	STM32F205VCT6TR	
	STM32F205VCT7	
	STM32F205VCT7TR	
	STM32F205VET6	
	STM32F205VET6TR	
	STM32F205VET7	
	STM32F205VET7TR	
	STM32F205VFT6	
	STM32F205VFT6TR	
	STM32F205VGT6	
	STM32F205VGT6TR	
	STM32F205VGT7	
	STM32F205VGT7TR	
	STM32F205ZCT6	

	STM32F205ZCT6TR	
	STM32F205ZCT7	
	STM32F205ZCT7TR	
	STM32F205ZET6	
	STM32F205ZET6TR	
	STM32F205ZET7	
	STM32F205ZFT6	
	STM32F205ZGT6	
	STM32F205ZGT6TR	
	STM32F205ZGT7	
	STM32F207ICT6	
	STM32F207IET6	
	STM32F207IFT6	
	STM32F207IGT6	
	STM32F207IGT7	
	STM32F207VCT6	
	STM32F207VCT6TR	
	STM32F207VCT7	
	STM32F207VET6	
	STM32F207VET6TR	
	STM32F207VFT6	
	STM32F207VGT6	
	STM32F207VGT6TR	
	STM32F207VGT7	
	STM32F207ZCT6	
	STM32F207ZCT7	
	STM32F207ZET6	
	STM32F207ZET6TR	
	STM32F207ZFT6	
	STM32F207ZGT6	
	STM32F207ZGT6TR	
	STM32F207ZGT7	
	STM32F215RET6	
	STM32F215RGT6	
	STM32F215RGT6TR	
	STM32F215VET6	
	STM32F215VGT6	
	STM32F215ZET6	
	STM32F215ZGT6	
	STM32F217IET6	
	STM32F217IGT6	
	STM32F217IGT7	
	STM32F217VET6	
	STM32F217VGT6	
	STM32F217VGT6TR	
	STM32F217ZET6	
	STM32F217ZGT6	
	STM32F405RGT6	
	STM32F405RGT6TR	
	STM32F405RGT7	
	STM32F405RGT7TR	

	STM32F405VGT6	
	STM32F405VGT6TR	
	STM32F405VGT7	
	STM32F405VGT7TR	
	STM32F405ZGT6	
	STM32F405ZGT7	
	STM32F405ZGT7TR	
	STM32F407IET6	
	STM32F407IGT6	
	STM32F407IGT7	
	STM32F407VET6	
	STM32F407VET6TR	
	STM32F407VGT6	
	STM32F407VGT6TR	
	STM32F407VGT7	
	STM32F407ZET6	
	STM32F407ZET6TR	
	STM32F407ZET7	
	STM32F407ZGT6	
	STM32F407ZGT6TR	
	STM32F407ZGT7	
	STM32F411RCT6	
	STM32F411RCT6TR	
	STM32F411RET6	
	STM32F411RET6TR	
	STM32F411RET7	
	STM32F411VCT6	
	STM32F411VET6	
	STM32F411VET6TR	
	STM32F412RET6	
	STM32F412RET6TR	
	STM32F412RET7	
	STM32F412RGT6	
	STM32F412RGT6TR	
	STM32F412VET3	
	STM32F412VET6	
	STM32F412VET6TR	
	STM32F412VGT6	
	STM32F412VGT6TR	
	STM32F412VGT7	
	STM32F412ZET6	
	STM32F412ZET7	
	STM32F412ZGT6	
	STM32F412ZGT6TR	
	STM32F415RGT6	
	STM32F415RGT6TR	
	STM32F415VGT6	
	STM32F415VGT6TR	
	STM32F415ZGT6	
	STM32F417IET6	
	STM32F417IGT6	

	STM32F417IGT7	
	STM32F417VET6	
	STM32F417VET6TR	
	STM32F417VGT6	
	STM32F417VGT6TR	
	STM32F417VGT7	
	STM32F417ZET6	
	STM32F417ZGT6	
	STM32F427IGT6	
	STM32F427IIT6	
	STM32F427IIT7	
	STM32F427VGT6	
	STM32F427VGT6TR	
	STM32F427VGT7	
	STM32F427VIT6	
	STM32F427VIT6TR	
	STM32F427VIT7TR	
	STM32F427ZGT6	
	STM32F427ZGT6TR	
	STM32F427ZIT6	
	STM32F427ZIT6TR	
	STM32F427ZIT7	
	STM32F429IET6	
	STM32F429IGT6	
	STM32F429IIT6	
	STM32F429VET6	
	STM32F429VET6TR	
	STM32F429VGT6	
	STM32F429VGT6TR	
	STM32F429VIT6	
	STM32F429VIT6TR	
	STM32F429ZET6	
	STM32F429ZGT6	
	STM32F429ZGT6TR	
	STM32F429ZIT6	
	STM32F429ZIT6TR	
	STM32F429ZIT7	
	STM32F437IGT6	
	STM32F437IIT6	
	STM32F437IIT7	
	STM32F437VGT6	
	STM32F437VGT6TR	
	STM32F437VGT7	
	STM32F437VGT7TR	
	STM32F437VIT6	
	STM32F437VIT6TR	
	STM32F437VIT7	
	STM32F437VIT7TR	
	STM32F437ZGT6	
	STM32F437ZIT6	
	STM32F437ZIT7	

	STM32F437ZIT7TR	
	STM32F439IGT6	
	STM32F439IIT6	
	STM32F439VGT6	
	STM32F439VIT6	
	STM32F439ZGT6	
	STM32F439ZGT7	
	STM32F439ZIT6	
	STM32F745IET6	
	STM32F745IET7	
	STM32F745IGT6	
	STM32F745VET6	
	STM32F745VGT6	
	STM32F745VGT6TR	
	STM32F745ZET6	
	STM32F745ZGT6	
	STM32F745ZGT7	
	STM32F746IET6	
	STM32F746IGT6	
	STM32F746IGT7	
	STM32F746VET6	
	STM32F746VET6TR	
	STM32F746VGT6	
	STM32F746VGT7	
	STM32F746ZET6	
	STM32F746ZGT6	
	STM32F746ZGT7	
	STM32F750V8T6	
	STM32F750Z8T6	
	STM32F756IGT6	
	STM32F756VGT6	
	STM32F756ZGT6	
	STM32F765IGT6	
	STM32F765IIT6	
	STM32F765IIT7	
	STM32F765VGT6	
	STM32F765VGT6TR	
	STM32F765VGT7	
	STM32F765VIT6	
	STM32F765ZGT6	
	STM32F765ZGT6TR	
	STM32F765ZGT7	
	STM32F765ZIT6	
	STM32F765ZIT7	
	STM32F765ZIT7TR	
	STM32F767IGT6	
	STM32F767IIT6	
	STM32F767VGT6	
	STM32F767VGT7	
	STM32F767VIT6	
	STM32F767ZGT6	

	STM32F767ZIT6	
	STM32F769IGT6	
	STM32F769IIT6	
	STM32F777IIT6	
	STM32F777IIT7	
	STM32F777VIT6	
	STM32F777ZIT6	
	STM32F779IIT6	
	STM32F207VFT6TR	
	STM32F217ZET7	
	STM32F405RGT6U	
	STM32F411RCT6GEM	
	STM32F429ZIT6U	
	STM32F439IIT6U	
	STM32F205RGT6V	
	STM32F205RGT6W	
	STM32F205VGT6V	
	STM32F205VGT6W	
	STM32F205ZGT6V	
	STM32F205ZGT6W	
	STM32F405RGT6V	
	STM32F405RGT6W	
	STM32F405VGT6V	
	STM32F405VGT6W	
	STM32F405ZGT6V	
	STM32F405ZGT6W	
	STM32F767VIT7	

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