


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/23/13841	
1.3 Title of PCN	ASE KaoHsiung (Taiwan) LQFP7x7, LQFP10x10, LQFP14x14 and LQFP20x20 package copper palladium bonding wire introduction on STM32F2/F4/F7x, STM32G0/G4x, STM32L4/L5x and STM32H5/H7x listed products	
1.4 Product Category	STM32F2x, STM32F4x, STM32F7x, STM32G0x, STM32G4x STM32L4x, STM32L5x STM32H5x, STM32H7x	
1.5 Issue date	2023-02-28	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
2.1.1 Name	KRAUSE INA
2.1.2 Phone	+49 89460062370
2.1.3 Email	ina.krause@st.com
<b>2.2 Change responsibility</b>	
2.2.1 Product Manager	Ricardo Antonio DE SA EARP
2.1.2 Marketing Manager	Veronique BARLATIER
2.1.3 Quality Manager	Pascal NARCHE

**3. Change**

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Materials	New direct material part number (same supplier, different supplier or new supplier), Bond wire material, diameter	ASE Kaohsiung (TAIWAN)

**4. Description of change**

	Old	New
4.1 Description	Current Wire bonding material: - ASE KaoHsiung (Taiwan) gold wire	New Wire bonding material : - ASE KaoHsiung (Taiwan) copper palladium wire
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no impact on form, Fit, Function	

**5. Reason / motivation for change**

5.1 Motivation	To improve service
5.2 Customer Benefit	SERVICE IMPROVEMENT

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

6.1 Description	traceability ensured by ST Internal tools
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**7. Timing / schedule**

7.1 Date of qualification results	2023-03-15
7.2 Intended start of delivery	2023-05-15
7.3 Qualification sample available?	Upon Request

**8. Qualification / Validation**

8.1 Description	13841 MDG-GPM-RER2304 ASE LQFP7x7 to LQ20x20 CuPd wire- reliability plan .pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2023-02-28

9. Attachments (additional documentations)
13841 Public product.pdf 13841 MDG-GPM-RER2304 ASE LQFP7x7 to LQ20x20 CuPd wire- reliability plan .pdf 13841 PCN13841_Additional information.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
	STM32F205RET6TR	
	STM32F205VET6TR	
	STM32F205ZGT7	
	STM32F207VCT6TR	
	STM32F207VET6TR	
	STM32F207VGT6TR	
	STM32F405RGT6TR	
	STM32F412VET6	
	STM32F412ZET6	
	STM32F427ZIT7	
	STM32F429VET6TR	
3365348	STM32F767ZGT6	
	STM32F777ZIT6	
	STM32G070CBT6	
	STM32G070KBT6	
	STM32G070RBT6	
3576958	STM32H725VGT6	
	STM32L431VCT6	
	STM32L443RCT6	
	STM32L443VCT6	
	STM32L471VET6	
	STM32L475RCT3	
	STM32L475RCT6	
	STM32L475VCT6	
2494461	STM32L476VET6	
2494462	STM32L476VGT6	
2494467	STM32L486VGT6	
	STM32L4A6RGT6	
	STM32L4A6VGT6	
	STM32F417VGT6	
	STM32C031C4T6	
	STM32C031C6T6	
	STM32F205RCT6	
	STM32F205VCT6	
	STM32F205VCT6TR	
	STM32F205VCT7	
	STM32F205ZET6	
	STM32F205ZGT6TR	
	STM32F207ZET6	
	STM32F207ZGT6TR	
	STM32F215RGT6	
	STM32F217ZGT6	
	STM32F405RGT7TR	
	STM32F405VGT6	

	STM32F405VGT7TR	
	STM32F407VGT6	
	STM32F407ZGT6	
2850979	STM32F412VET3	
	STM32F413VGT6	
	STM32F415RGT6	
	STM32F415VGT6	
	STM32F415ZGT6	
	STM32F423VHT6	
	STM32F427VGT6	
	STM32F427VGT6TR	
2503260	STM32F427VGT7	
	STM32F429VET6	
	STM32F437VIT6	
2503266	STM32F437VIT7	
	STM32F439VGT6	
	STM32F439VIT6	
2488313	STM32F446VET6	
	STM32F765ZGT7	
2535499	STM32F767ZIT6	
3246912	STM32G031C6T6	
3246914	STM32G031C8T6	
3246922	STM32G031K6T6	
3246924	STM32G031K8T6	
	STM32G041C8T6	
2980900	STM32G071CBT6	
2980897	STM32G071KBT6	
	STM32G071KBT6N	
	STM32G071R8T6	
	STM32G081KBT6	
2980913	STM32G081RBT6	
	STM32G0B0VET6	
3652237	STM32G0B1VET6	
3132409	STM32G431RBT6	
3132415	STM32G441RBT6	
3648857	STM32G491VET6	
3576957	STM32H723VGT6	
3576963	STM32H725ZGT6	
3576959	STM32H730VBT6	
3576964	STM32H730ZBT6	
3576961	STM32H735VGT6	
3576967	STM32H735ZGT6	
	STM32H743ZGT6	
3246934	STM32H743ZIT6U	
	STM32H750ZBT6	
3515803	STM32H7A3VIT6	
2851020	STM32L431RBT6	
2855697	STM32L433RBT6	
2855700	STM32L433RCT3	
2855701	STM32L433RCT6P	
2855704	STM32L433VCT3	

	STM32L433VCT6	
	STM32L475RGT6	
2855728	STM32L475VET6	
2494459	STM32L476RET6	
2494460	STM32L476RGT6	
	STM32L476RGT6TR	
2855732	STM32L476VGT3	
	STM32L476VGT7	
	STM32L496RGT6TR	
2758828	STM32L496VGT3	
2725139	STM32L496VGT6	
	STM32L496VGT6P	
2758831	STM32L4A6RGT7	
3011636	STM32L4A6VGT6P	
3581069	STM32L4P5VET6	
3397848	STM32L4P5VGT6	
3397850	STM32L4P5VGT6P	
	STM32L4P5ZGT6	
3397851	STM32L4P5ZGT6P	
3397849	STM32L4Q5VGT6	
3581074	STM32L4Q5VGT6P	
	STM32L552VET6	
	STM32L552ZCT6Q	
	STM32L552ZET6	
	STM32L552ZET6Q	
3515798	STM32L562VET6	
3515799	STM32L562VET6Q	
3515800	STM32L562ZET6	
3515802	STM32L562ZET6Q	

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