

## PRODUCT / PROCESS CHANGE NOTIFICATION

### 1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	MICROCONTROLLERS/24/14977
1.3 Title of PCN	JSCC (China) UFQFPN7X7 48L new BOM for STM32F40x, STM32F41x and STM32F42x listed products
1.4 Product Category	STM32F40x, STM32F41x and STM32F42x
1.5 Issue date	2024-12-04

### 2. PCN Team

2.1 Contact supplier	
2.1.1 Name	ROBERTSON HEATHER
2.1.2 Phone	+1 8475853058
2.1.3 Email	heather.robertson@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Ricardo Antonio DE SA EARP
2.2.2 Marketing Manager	Veronique BARLATIER
2.2.3 Quality Manager	Pascal NARCHE

### 3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Materials	Direct Material: Bond Wire - Metallurgy (metallic composition/ raw material)	StatsChipPAC JSCC Jiangyin (China)

### 4. Description of change

	Old	New
4.1 Description	Assembly lines / wire bonding: - JSCC (China) / Gold wire	Assembly lines / wire bonding: - JSCC (China) / Copper Palladium wire additional source - JSCC (China) / Gold wire
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No change in Form, no change in Fit, no change in Function. Package darkness might change depending on molding compound. Pin1 identifier remain in the same corner but might slightly change in terms of form and positioning.	

### 5. Reason / motivation for change

5.1 Motivation	Due to the success on the market of STM32 devices, ST Microcontrollers Division decided to qualify an additional back-end assembly line to maintain state of the art service level to our customers thanks to extra capacity.
5.2 Customer Benefit	SERVICE IMPROVEMENT

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

6.1 Description	Traceability ensure by ST internal tools
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### 7. Timing / schedule

7.1 Date of qualification results	2025-02-06
7.2 Intended start of delivery	2025-02-10
7.3 Qualification sample available?	Upon Request

### 8. Qualification / Validation

8.1 Description	14977 MDRF-GPM-RER2220 V3.0 - PCN14068 - PCN14922 - PCN14977 - JSCC (China) UFQFPN VFQFPN evaluation report.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-12-04

**9. Attachments (additional documentations)**

14977 Public product.pdf  
14977 MDRF-GPM-RER2220 V3.0 - PCN14068 - PCN14922 - PCN14977 - JSCC (China) UFQFPN VFQFPN evaluation report.pdf  
14977 \_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>
	STM32F401CBU3	
	STM32F401CBU6	
	STM32F401CBU6TR	
	STM32F401CBU7	
	STM32F401CCU6	
	STM32F401CCU6TR	
	STM32F401CCU7	
	STM32F401CDU6	
	STM32F401CEU6	
	STM32F401CEU6TR	
	STM32F410C8U6	
	STM32F410C8U6TR	
	STM32F410CBU3	
	STM32F410CBU6	
	STM32F411CCU6TR	
	STM32F411CEU6	
	STM32F411CEU6TR	
	STM32F411CEU7	
	STM32F412CEU6	
	STM32F412CGU6	
	STM32F412CGU6TR	
	STM32F413CGU6	
	STM32F413CHU3	
	STM32F413CHU6	
	STM32F423CHU6	

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## 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 :** JSCC (China) UFQFPN7X7 48L new BOM for STM32F40x, STM32F41x and STM32F42x listed products

**PCN Reference :** MICROCONTROLLERS/24/14977

**Subject :** Public Products List

Dear Customer,

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

STM32F401CBU7	STM32F411CEU6TR	STM32F412CGU6
STM32F410CBU3	STM32F413CHU3	STM32F411CCU7
STM32F401CCU7	STM32F413CGU6	STM32F412CEU7TR
STM32F401CBU6	STM32F401CCU6	STM32F413CHU6TR
STM32F410CBU6	STM32F412CEU6TR	STM32F410C8U6
STM32F401CBU6TR	STM32F401CDU6	STM32F413CHU6
STM32F401CDU6TR	STM32F410C8U7TR	STM32F411CEU7
STM32F410CBU3TR	STM32F401CCU6TR	STM32F412CEU6
STM32F411CCU7TR	STM32F423CHU6	STM32F412CGU6TR
STM32F401CBU3	STM32F401CEU6	STM32F411CCU6TR
STM32F410C8U7	STM32F413CHU3TR	STM32F411CEU6
STM32F412CEU7	STM32F410C8U6TR	

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