


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
2.1.2 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	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
-----------------	--

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		
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
	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	

IMPORTANT NOTICE – PLEASE READ CAREFULLY

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST's terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers' products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2022 STMicroelectronics – All rights reserved



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	

IMPORTANT NOTICE – PLEASE READ CAREFULLY

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST's terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers' products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2022 STMicroelectronics – All rights reserved