


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	MDG/24/14519
1.3 Title of PCN	STM32H757XIH6 2MB product - CPU Clock enhancement from 400MHz to 480MHz
1.4 Product Category	STM32H757XIH6 2MB
1.5 Issue date	2024-05-08

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	PIKE EMMA
2.1.2 Phone	+44 1628896111
2.1.3 Email	emma.pike@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
General Product & Design	Modification of datasheet :parameters/electrical specification (min./max./typ. values) and/or AC/DC specification	ST Crolles - France

4. Description of change

	Old	New
4.1 Description	X450XXXV CPU current clock frequency 400MHz	X450AAAV CPU clock frequency enhancement to 480MHz
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	CPU clock parametric data change - datasheet upgrade for STM32H757XIH6A 2MB product	

5. Reason / motivation for change

5.1 Motivation	requirement from customer to improve CPU performances. New reference
5.2 Customer Benefit	SERVICE IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	traceability ensured by ST internal tools
-----------------	---

7. Timing / schedule

7.1 Date of qualification results	2024-01-16
7.2 Intended start of delivery	2024-01-16
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	14519 PCN14519 _RERMCD1401_STM32H7xx- Die 450XXXV_Cut2.2_qual plan.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-05-08

9. Attachments (additional documentations)

14519 Public product.pdf
14519 PCN14519_RERMCD1401_STM32H7xx- Die 450XXXV_Cut2.2_qual plan.pdf
14519 PCN14519_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
	STM32H757XIH6	

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