

PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCI No.	MDG/23/14333
1.3 Title of PCI	STM32H56x/57x and STM32H503 change of the memory configuration bits
1.4 Product Category	STM32H503x, STM32H562x, STM32H563x, STM32H573x
1.5 Issue date	2023-12-06

2. PCI 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
General Product & Design	Firmware modification : firmware is programmed in the memory without effect of electrical performance at the customer (bug fix)	ST Crolles 300 (France)

4. Description of change

	Old	New
4.1 Description	memory configuration bits wrong settings	Change in the memory configuration bits settings: - Addressable memory size is configured in some engineering registers not available in user mode. - Settings of those configuration bits were updated at production site to clearly differentiate 1M from 2M devices to conform to the device specification. - We expect very low impact at user side as information about those registers are not communicated in user documentations. - However in case the software application extends the CRC on those registers it will trigger a change.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No change on product May impact customer in case CRC is done (it might impact customer production flow)	

5. Reason / motivation for change

5.1 Motivation	Those bits are non user mode bits - but in case of CRC application software may trigger a change.
5.2 Customer Benefit	SERVICE IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Traceability of the change is ensured by ST internal tools.
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7. Timing / schedule

7.1 Date of qualification results	2024-01-03
7.2 Intended start of delivery	2024-01-10

7.3 Qualification sample available?	Not Applicable
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8. Qualification / Validation			
8.1 Description			
8.2 Qualification report and qualification results	In progress	Issue Date	

9. Attachments (additional documentations)	
14333 Public product.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
	STM32H503CBT6	
	STM32H503CBU6	
	STM32H503EBY6TR	
	STM32H503KBU6	
	STM32H503RBT6	
	STM32H562RG76	
	STM32H562ZGT6	
	STM32H563IIK6	
	STM32H563RGV6	
	STM32H563RIT6	
	STM32H563VIT6	
	STM32H563ZGT6	
	STM32H563ZIT6	
	STM32H573AI13Q	
	STM32H573AI16	
	STM32H573IIK3Q	
	STM32H573IIK6	
	STM32H573IIT3Q	
	STM32H573IIT6	
	STM32H573MIY3QTR	
	STM32H573RIT6	
	STM32H573RIV6	
	STM32H573VIT3Q	
	STM32H573VIT6	
	STM32H573ZIT3Q	
	STM32H573ZIT6	

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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

PCI Title : STM32H56x/57x and STM32H503 change of the memory configuration bits

PCI Reference : MDG/23/14333

Subject : Public Products List

Dear Customer,

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

STM32H573VIT3Q	STM32H563AII6	STM32H573IIK3Q
STM32H573VIT6	STM32H563ZIT6	STM32H573AII3Q
STM32H563ZIT3Q	STM32H573ZIT6	STM32H563VIT3Q
STM32H562ZGT6	STM32H562IIK6	STM32H563ZGT6
STM32H562RGV6	STM32H563IIK3Q	STM32H573MIY3QTR
STM32H573IIK6	STM32H503RBT6	STM32H563AII3Q
STM32H562IGK6	STM32H562VGT6TR	STM32H562VGT6
STM32H563RIV6	STM32H562RIV6	STM32H563AGI6
STM32H573IIK3QTR	STM32H563RIT6	STM32H562VIT6
STM32H573ZIT3Q	STM32H562RGT6TR	STM32H573IIK6TR
STM32H573AII6	STM32H563IIT3Q	STM32H573VIT6TR
STM32H503CBT6	STM32H563VIT6	STM32H573RIV6
STM32H573RIT6	STM32H562IGT6	STM32H562ZIT6
STM32H563IIK6	STM32H563VGT6	STM32H573IIT3Q
STM32H503RBT7	STM32H503CBU6	STM32H562RGT6
STM32H562RIT6	STM32H503KBU6	STM32H563RGV6
STM32H573IIT6	STM32H563IIT6	STM32H563ZIT3QTR
STM32H563IGT6	STM32H503EBY6TR	STM32H562AII6
STM32H563IGK6	STM32H563MIY3QTR	STM32H562IIT6
STM32H563RGT6		

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