

## PRODUCT / PROCESS CHANGE INFORMATION

### 1. PCI basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCI No.	MICROCONTROLLERS/25/15228
1.3 Title of PCI	STM32G071/81x - Microcontroller products - BootLoader enhancement
1.4 Product Category	STM32G070x, STM32G071x, STM32G081x
1.5 Issue date	2025-04-16

### 2. PCI Team

2.1 Contact supplier	
2.1.1 Name	ROBERTSON HEATHER
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2.2 Change responsibility	
2.2.1 Product Manager	Patrick AIDOUNE
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 (Test Program)	Pattern modification : test pattern without reliability impact not supplied or agreed by customer	AMKOR ATP (Philippines) ASE Koahsiung (Taiwan) STATSChipPAC SCCJ (China) ST Calamba (Philippines) ST MUAR (Malaysia) ST Shenzhen (China)

### 4. Description of change

	Old	New
4.1 Description	Refer to application Note AN2606 Revision 65 - February 2025 : STM32G071/81xx listed devices having the Bootloader version 11.3 - Empty check Flag is cleared by error on the boot sequence - I2C connection stretching the line for a long time which is not supported by some HW hosts	Refer to application Note AN2606 Revision 66 - April 2025/ STM32G071/81xx devices will have the new Bootloader version 11.4 : - A global peripherals de-init was added on the BL boot sequence to fix issues generating de-initialization of all resources needed by the BL SW so clearing the empty check flag. - I2C connection stretching the line for a long time which is not supported by some HW hosts is fixed
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No impact, no datasheet change.	

### 5. Reason / motivation for change

5.1 Motivation	To optimize the bootloader service by fixing a global peripherals de-init and by fixing I2C connection issue.
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	2025-04-11
7.2 Intended start of delivery	2025-04-15
7.3 Qualification sample available?	Not Applicable

#### 8. Qualification / Validation

8.1 Description	15228 _Additional information.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2025-04-16

#### 9. Attachments (additional documentations)

15228 Public product.pdf  
15228 \_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
	STM32G070CBT6	
	STM32G070CBT6TR	
	STM32G070KBT6	
	STM32G070RBT6	
	STM32G070RBT6TR	
	STM32G071C8T3	
	STM32G071C8T6	
	STM32G071C8U3	
	STM32G071C8U6TR	
	STM32G071C8U7	
	STM32G071C8U7TR	
	STM32G071CBT3	
	STM32G071CBT6	
	STM32G071CBT6TR	
	STM32G071CBU3	
	STM32G071CBU6	
	STM32G071CBU6TR	
	STM32G071CBU7TR	
	STM32G071EBY6TR	
	STM32G071G8U6	
	STM32G071G8U6N	
	STM32G071G8U6TR	
	STM32G071GBU3	
	STM32G071GBU6	
	STM32G071GBU6N	
	STM32G071GBU6TR	
	STM32G071GBU7	
	STM32G071K8T3	
	STM32G071K8U6	
	STM32G071KBT3	
	STM32G071KBT3TR	
	STM32G071KBT6	
	STM32G071KBT6N	
	STM32G071KBU3	
	STM32G071KBU6	
	STM32G071KBU6N	
	STM32G071KBU6TR	
	STM32G071KBU7	
	STM32G071R8T6	
	STM32G071RB16	

	<b>STM32G071RBT6</b>	
	<b>STM32G071RBT7</b>	
	<b>STM32G081CBT6</b>	
	<b>STM32G081CBU6</b>	
	<b>STM32G081GBU6</b>	
	<b>STM32G081GBT6</b>	
	<b>STM32G081KBU6</b>	
	<b>STM32G081RBT6</b>	

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