

PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCI No.		MDG/20/12229
1.3 Title of PCI		STM32WLE4Jxx and STM32WLE5Jxx BGA package Bootloader improvement
1.4 Product Category		STM32WLE4Jxx and STM32WLE5Jxx
1.5 Issue date		2020-12-16

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
2.2.2 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
General (Test Program)	Pattern modification : test pattern without reliability impact not supplied or agreed by customer	TSMC Fab14 (Taiwan)

4. Description of change

	Old	New
4.1 Description	Refer to application Note AN2606 version 43.0 june 2020 Bootloader version V12.2	STM32WLE4Jxx and STM32WLE5Jxx with new BootLoader V12.3 Refer to application Note AN2606 version 45.0 November 2020 to align with STM32WL5xxx.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No Change	

5. Reason / motivation for change

5.1 Motivation	STM32WLE4Jxx and STM32WLE5Jxx in BGA73 package with Initial BootLoader V12.2 does not manage Dual core & Security items.
5.2 Customer Benefit	QUALITY 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	2020-07-28
7.2 Intended start of delivery	2020-12-30
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation

8.1 Description		
8.2 Qualification report and qualification results	In progress	Issue Date

9. Attachments (additional documentations)

12229 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
	STM32WLE4JC16	
	STM32WLE5J8I6	
	STM32WLE5JB16	
	STM32WLE5JCI6	

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Public Products List

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PCI Title : STM32WLE4Jxx and STM32WLE5Jxx BGA package Bootloader improvement

PCI Reference : MDG/20/12229

Subject : Public Products List

Dear Customer,

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

STM32WLE5JCI6	STM32WLE5J8I6	STM32WLE5JCI6TR
STM32WLE5JBI6		



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