


PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCI No.	MDG/19/11702	
1.3 Title of PCI	STM32L4R/S products firmware improvement	
1.4 Product Category	STM32L4R/S products	
1.5 Issue date	2019-11-15	

2. PCI Team

2.1 Contact supplier	
2.1.1 Name	FRANCKE CHRISTIANE
2.1.2 Phone	+49 89460062128
2.1.3 Email	christiane.francke@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 programed in the memory without effect of electrical performance at the customer (bug fix)	TSMC Fab14 (Taiwan)

4. Description of change

	Old	New
4.1 Description	Firmware Limitation described in errata-sheet (ES0393)	The Bootloader detection mechanism has been fixed and 1MB salestypes are now properly detected. For more details refer to ES0393 rev 6 october 2019.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No Change	

5. Reason / motivation for change

5.1 Motivation	This change will fix limitation of the bootloader for sales type equal to 1MB.
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	2019-11-05
7.2 Intended start of delivery	2019-12-23
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation

8.1 Description	
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8.2 Qualification report and qualification results	In progress	Issue Date	
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9. Attachments (additional documentations)
11702 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
2851033	STM32L4R5AGI6	
2851034	STM32L4R5AII6	
2851035	STM32L4R5QGI6	
2851037	STM32L4R5VGT6	
2851038	STM32L4R5VIT6	
2851039	STM32L4R5ZGT6	
2820771	STM32L4R5ZIT6	
2851040	STM32L4R5ZIT6P	
2851041	STM32L4R7AII6	
2851042	STM32L4R7VIT6	
2851043	STM32L4R7ZIT6	
2851044	STM32L4R9AGI6	
2820772	STM32L4R9AII6	
2851045	STM32L4R9VGT6	
2851046	STM32L4R9VIT6	
2851047	STM32L4R9ZGJ6	
2851048	STM32L4R9ZGT6	
2851049	STM32L4R9ZIJ6	
2820773	STM32L4R9ZIT6	
2851050	STM32L4R9ZIY6TR	
2851051	STM32L4S5AII6	
2851052	STM32L4S5QII6	
2851053	STM32L4S5VIT6	
2851054	STM32L4S5ZIT6	
2851055	STM32L4S7AII6	
2851056	STM32L4S7VIT6	
2851057	STM32L4S7ZIT6	
2851058	STM32L4S9AII6	
2851059	STM32L4S9VIT6	
2851060	STM32L4S9ZIJ6	
2851061	STM32L4S9ZIT6	
2851062	STM32L4S9ZIY6TR	

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