

PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCI No.	MDG/16/9905	
1.3 Title of PCI	Bootloader improvement on STM32L432 & STM32L433 & STM32L442 & STM32L443 devices	
1.4 Product Category	STM32L432 & STM32L433 & STM32L442 & STM32L443 products	
1.5 Issue date	2016-09-27	

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	Michel BUFFA	
2.1.2 Marketing Manager	Daniel COLONNA	
2.1.3 Quality Manager	Pascal NARCHE	

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
General Product & Design	(Not Defined)	NA

4. Description of change

	Old	New
4.1 Description	Previous application Note AN2606 is : DocID13801 Rev 27	Embedded bootloader improvement when using USB-DFU interface. For more details refer to AN2606 rev 28, table 99 : http://www.st.com/internet/com/TECHNICAL_RESOURCES/TECHNICAL_LITERATURE/APPLICATION_NOTE/CD00167594.pdf
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Improvement of the function. No impact on form, fit, reliability, processability.	

5. Reason / motivation for change

5.1 Motivation	This change will improve the robustness of the bootloader execution when USB bootloader is used.
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. At the address 0x1FFF6FF2, bootloader identification is changing from 0xFF to 0x10.
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7. Timing / schedule

7.1 Date of qualification results	2016-09-23
7.2 Intended start of delivery	2016-10-23
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)
9905PpPrdtLst.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
	STM32L432KBU6	
	STM32L432KCU6	
	STM32L433CCT6	
	STM32L433CCU6	
	STM32L433RCI6	
	STM32L433RCT6	
	STM32L433VCI6	
	STM32L433VCT6	
	STM32L442KCU6	
	STM32L443CCT6	
	STM32L443CCU6	
	STM32L443RCI6	
	STM32L443RCT6	
	STM32L443VCI6	
	STM32L443VCT6	

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