


**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**

<b>2.1 Contact supplier</b>	
2.1.1 Name	FRANK WOLINSKI
2.1.2 Phone	+49 89460062287
2.1.3 Email	frank.wolinski@st.com
<b>2.2 Change responsibility</b>	
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**

	<b>Old</b>	<b>New</b>
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 : <a href="http://www.st.com/internet/com/TECHNICAL_RESOURCES/TECHNICAL_LITERATURE/APPLICATION_NOTE/CD00167594.pdf">http://www.st.com/internet/com/TECHNICAL_RESOURCES/TECHNICAL_LITERATURE/APPLICATION_NOTE/CD00167594.pdf</a>
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
	STM32L433CCT6	

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