PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company	STMicroelectronics International N.V
1.2 PCI No.	MDG/19/11738
1.3 Title of PCI	STM32G03xx and STM32G04xx Bootloader improvement
1.4 Product Category	STM32G03xx and STM32G04xx products
1.5 Issue date	2019-12-03

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	Previous application Note AN2606 is version 38.0 Bootloader ID register value is 0x52 (check Table 3) has limitation	This change will fix limitation of the bootloader, when pin PA3 used by bootloader as USART2 RX, stays at low level. For more details refer to AN2606 rev 39, Date 16-Sep-2019: Embedded bootloaders for Device STM32G03xxx/04xxx
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, when pin PA3 used by bootloader as USART2 RX, stays at low level.
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.

7. Timing / schedule

7.1 Date of qualification results	2019-11-15
7.2 Intended start of delivery	2020-01-06
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	

8.2 Qualification report and qualification results	In progress	Issue Date	

9. Attachments (additional documentations)
11738 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**
3246908	STM32G030C6T6	
3246909	STM32G030C8T6	
3246910	STM32G030K6T6	
3246911	STM32G030K8T6	
	STM32G031C6T6	
	STM32G031C6U6	
	STM32G031C8T6	
	STM32G031C8U6	
3246916	STM32G031F4P6	
3246918	STM32G031F6P6	
3246919	STM32G031F8P6	
	STM32G031G6U6	
	STM32G031G8U6	
	STM32G031K6T6	
	STM32G031K6U6	
	STM32G031K8T6	
	STM32G031K8U6	

IMPORTANT NOTICE – PLEASE READ CAREFULLY