PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company	**STMicroelectronics International N.V**
1.2 PCI No.	MDG/21/12853
1.3 Title of PCI	STM32G0 128K/512K, STM32G03 64K & STM32G05 64K - Datasheets enhancement
1.4 Product Category	STM32G03 64K STM32G05 64K STM32G0 128K STM32G0 512K
1.5 Issue date	2021-09-02

2. PCI Team

2.1 Contact supplier	
2.1.1 Name	KAR-LOK-ADRIAN CHIA
2.1.2 Phone	
2.1.3 Email	adrian.chia@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	Modification of datasheet :parameters/electrical specification (min./max./typ. values) and/or AC/DC specification	not applicable

4. Description of change

	Old	New
4.1 Description	VREFBUF (Voltage reference buffer) output Min/Typical/Max values do not match mass production device characteristics in below documents: - STM32G031x4/x6/x8 datasheet DS12992 Rev 2 - STM32G041x4/x6/x8 datasheet DS12993 Rev 2 - STM32G051x6/x8 datasheet DS13303 Rev 2 - STM32G061x6/x8 datasheet DS13513 Rev 2 - STM32G071x8/xB datasheet DS12232 Rev 3 - STM32G081xB Datasheet DS12231 Rev 3 - STM32G0B1xB/C/xE datasheet DS13560 Rev 1 - STM32G0C1xC/xE datasheet DS13564 Rev 1	VREFBUF (Voltage reference buffer) output Min/Typical/Max values are now matching mass production device characteristics in below documents: - STM32G031x4/x6/x8 datasheet DS12992 Rev 3 - STM32G041x4/x6/x8 datasheet DS12993 Rev 3 - STM32G051x6/x8 datasheet DS13303 Rev 3 - STM32G061x6/x8 datasheet DS13513 Rev 3 - STM32G071x8/xB datasheet DS12232 Rev 4 - STM32G081xB Datasheet DS12231 Rev 4 - STM32G0B1xB/C/xE datasheet DS13560 Rev 2 - STM32G0C1xC/xE datasheet DS13564 Rev 2
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no impact	

5. Reason / motivation for change

5.1 Motivation	Datasheet enhanced to align VREFBUF values with actual product characteristics
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	not applicable

7. Timing / schedule

7.1 Date of qualification results	2021-07-15
7.2 Intended start of delivery	2021-07-15
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)
12853 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**
	STM32G030J6M6TR	
	STM32G071EBY6TR	
	STM32G070CBT6	
	STM32G071KBU6	
	STM32G0B1RET6	

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Public Products List

Publict Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

PCI Title : STM32G0 128K/512K, STM32G03 64K & STM32G05 64K - Datasheets enhancement

PCI Reference : MDG/21/12853

Subject : Public Products List

Dear Customer,

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

STM32G030J6M6	STM32G031G8U6TR	STM32G0B0VET6
STM32G0B1MET6	STM32G0B1VBT6	STM32G030F6P6TR
STM32G071RBI6	STM32G0B1RCI6NTR	STM32G0B1RCT6
STM32G041Y8Y6TR	STM32G031K6T6	STM32G031C8T7
STM32G031F8P6	STM32G0B1CET6N	STM32G071C8T3
STM32G081CBT6TR	STM32G0B1RET6	STM32G030K6T6TR
STM32G071GBU6	STM32G041C8U6	STM32G0B1KBU3NTR
STM32G071CBT7	STM32G071GBU6N	STM32G071KBU6TR
STM32G071KBU7TR	STM32G031K8T3TR	STM32G051K8U6
STM32G0B1RET6N	STM32G071CBT6TR	STM32G030C6T6
STM32G041C8T6	STM32G071RBT6	STM32G070RBT6TR
STM32G0C1KET6	STM32G0B1CEU6	STM32G081KBU6
STM32G0B1CCU6TR	STM32G071C8U6TR	STM32G0B1VET6
STM32G041K8T6	STM32G051C6U6	STM32G0B1RCT6TR
STM32G041C6T6	STM32G051K8U7TR	STM32G051C8U6
STM32G031G6U3TR	STM32G061F8P6	STM32G051F8Y6TR
STM32G051K8U7	STM32G0C1CET6	STM32G051K6T6
STM32G071K8T3	STM32G0B1MCT6	STM32G0B1RCT7
STM32G031F4P6	STM32G041F6P6	STM32G041K6T6
STM32G0B1KBT6N	STM32G031J6M6TR	STM32G0C1MET6
STM32G0B1CEU6N	STM32G070CBT6	STM32G051K6U7
STM32G0B1VEI6	STM32G061K8T6	STM32G071GBU3
STM32G031K8T7	STM32G050K8T6	STM32G061F6P6
STM32G071G8U6	STM32G031J6M6	STM32G031K4U6
STM32G070CBT6TR	STM32G041F8P6	STM32G071EBY6TR
STM32G030F6P6	STM32G071G8U6TR	STM32G071GBU6TR
STM32G030K6T6	STM32G0B1KET6	STM32G0B1KEU6
STM32G041F6P6TR	STM32G031K8U6TR	STM32G0B1REI6N
STM32G0B1KEU6N	STM32G031C8U6	STM32G031K4T6
STM32G0C1KCT6N	STM32G031G8U3TR	STM32G0B1VBI6
STM32G0B1CCT6	STM32G030C8T6	STM32G031K8T6
STM32G0C1VET6	STM32G051G6U6	STM32G0C1KCU6N
STM32G071CBT6	STM32G051F8P6	STM32G031G6U6
STM32G0B1CET6	STM32G031F6P7TR	STM32G061C8U6
STM32G031G8U6	STM32G061K6T6	STM32G030K8T6TR
STM32G0B1CET6TR	STM32G071KBT6	STM32G071KBT6N

STM32G081RBI6	STM32G051F6P6	STM32G071CBU6
STM32G0C1CEU6	STM32G0C1CCU6	STM32G0C1MCT6
STM32G0B1KET6N	STM32G061C8T6	STM32G0B1RBT6
STM32G031K4U3TR	STM32G031K4U3	STM32G031C4T6
STM32G071CBU6TR	STM32G0B1KBU6N	STM32G0B1KCU6
STM32G0B0CET6	STM32G031F8P6TR	STM32G0B1CBT6
STM32G031C6U6	STM32G0B1KBU6	STM32G031K8U7
STM32G031C8U7TR	STM32G071K8T3TR	STM32G070KBT6TR
STM32G0B1RBT6N	STM32G071KBU7	STM32G061F8Y6TR
STM32G031K8T6TR	STM32G031G8U3	STM32G0B0KET6
STM32G081RBT3	STM32G0B1KCT6N	STM32G0C1KCU6
STM32G031C6T6	STM32G071KBT3	STM32G0B1CBU6N
STM32G070KBT6	STM32G071K8U6	STM32G061G8U6
STM32G081GBU6	STM32G0B1MBT6	STM32G071GBU3TR
STM32G0B1RBI6N	STM32G051K6U7TR	STM32G0B1CCU6NTR
STM32G071C8U3TR	STM32G061K8U6	STM32G0C1KEU6N
STM32G051C8T6	STM32G050C6T6	STM32G071CBU3
STM32G031J4M6	STM32G071G8U6N	STM32G081EBY6TR
STM32G031C8T6	STM32G0B1CCU6N	STM32G031K8U6
STM32G0B0RET6	STM32G030K8T6	STM32G031C8U7
STM32G081KBT6	STM32G050C8T6	STM32G050K6T6
STM32G031F4P3	STM32G0B1RCI6N	STM32G071R8T6
STM32G0B1KBT6	STM32G041G6U6	STM32G081CBT6
STM32G0B1CBU6	STM32G0B1CBT6N	STM32G031G6U6TR
STM32G041K8U6	STM32G071KBU6N	STM32G071CBT3
STM32G0B1CBU6TR	STM32G0B0RET6TR	STM32G030C6T6TR
STM32G061C6U6	STM32G0C1RET6	STM32G070RBT6
STM32G0C1KEU6	STM32G051C6T6	STM32G0B1VCT6
STM32G031G4U6	STM32G031F6P6	STM32G0B1KCU6N
STM32G031C8U6TR	STM32G041J6M6	STM32G0C1KET6N
STM32G051K8T6	STM32G071C8T6TR	STM32G031K4U6TR
STM32G031Y8Y6TR	STM32G031C4U6	STM32G0B1CCT6TR
STM32G031K8U7TR	STM32G050F6P6	STM32G041G8U6
STM32G031K8T3	STM32G081RBT6	STM32G081CBU6
STM32G071KBU3	STM32G0C1VCT6	STM32G051G8U6
STM32G061C6T6	STM32G0B1KBU3N	STM32G061K6U6
STM32G071C8T6	STM32G0C1RCT6	STM32G061G6U6
STM32G031K6U6	STM32G051K6U6	STM32G071KBU6
STM32G0B1CCU6	STM32G071C8U3	

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