


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	2021-09-01	

2. PCI Team

2.1 Contact supplier	
2.1.1 Name	NEMETH KRISZTINA
2.1.2 Phone	+49 89460062210
2.1.3 Email	krisztina.nemeth@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
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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			
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8.1 Description			
8.2 Qualification report and qualification results	In progress	Issue Date	

9. Attachments (additional documentations)			
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12853 Public product.pdf			
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10. Affected parts		
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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
	STM32G031F8P6	
	STM32G031G6U6	
	STM32G031G8U6	
	STM32G031K8T6	
	STM32G070CBT6	
	STM32G070RBT6	
	STM32G071CBT6	
	STM32G071KBT6	

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