

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MMS/15/9264	
1.3 Title of PCN	STM32L1x 256KB flash products listed below - new die minor revision	
1.4 Product Category	STM32L1x 256KB flash products listed in annex 1 attached	
1.5 Issue date	2015-06-11	

2. PCN 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, Veronique BARLATIER
2.1.3 Quality Manager	Pascal NARCHE

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Die redesign	Mask or mask set change with new die design	NA

4. Description of change

	Old	New
4.1 Description	Production is case to case affected by yield loss due to timing marginalities.	Timing marginalities are addressed with metal mask adjustment. There is no change in the product datasheet.
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	no change	

5. Reason / motivation for change

5.1 Motivation	The purpose of this change is to improve manufacturing robustness and therefore to maintain a high level of customer service.
5.2 Customer Benefit	YIELD IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Traceability of the change is ensured by ST internal tools. Die revision letter will change from "X" to "V". You can find it marked on the package.
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7. Timing / schedule

7.1 Date of qualification results	2015-06-04
7.2 Intended start of delivery	2015-09-10
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	9264_MMS-MCD RERMCD1122 - STM32L1xx 256k - Die 427XXXV - Reliability Evaluation Report.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2015-06-11

9. Attachments (additional documentations)
9264PpPrdtLst.pdf 9264_annex1.docx 9264_MMS-MCD RERMCD1122 - STM32L1xx 256k - Die 427XXXV - Reliability Evaluation Report.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
	STM32L100RCT6	
	STM32L151CCT6	
	STM32L151RCT6	
	STM32L152RCT6	
	STM32L152VCT6	
	STM32L151CCU6	
	STM32L152CCT6	
	STM32L162RCT6	

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