


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/20/11944	
1.3 Title of PCN	STM32MP15x product improvement - listed products	
1.4 Product Category	STM32MP151x, STM32MP153x STM32MP157x	
1.5 Issue date	2020-02-07	

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	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	Die redesign : Mask or mask set change with new die design like metallization (specifically chip frontside) or bug fix	Crolles

4. Description of change

	Old	New
4.1 Description	Revision B (cut 2.0) Limitations as described in Errata Sheet ES0438 Revision 3 - November 2019 "STM32MP151x STM32MP153x STM32MP157x" " Summary of Device errata	New Revision Z (cut 2.1): New Errata sheet ES0438 Revision 4 - January 2020 "STM32MP151x STM32MP153x STM32MP157x" " Summary of Device errata
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Function will change only	

5. Reason / motivation for change

5.1 Motivation	Correct some product functionality limitations
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.
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7. Timing / schedule

7.1 Date of qualification results	2020-01-30
7.2 Intended start of delivery	2020-03-09
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	11944 MDG-MCD-RER1902 V2.0 - STM32MP15x - Die 500XXXZ - Reliability evaluation report.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2020-02-07

9. Attachments (additional documentations)

11944 Public product.pdf
11944 MDG-MCD-RER1902 V2.0 - STM32MP15x - Die 500XXXZ - 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
	STM32MP151AAB3	
	STM32MP151AAC3	
	STM32MP151AAD3	
	STM32MP153AAB3	
	STM32MP153AAC3	
	STM32MP153AAD3	
	STM32MP157AAB3	
	STM32MP157AAC3	
	STM32MP157AAD3	

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Public Products List

Public 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

PCN Title : STM32MP15x product improvement - listed products

PCN Reference : MDG/20/11944

Subject : Public Products List

Dear Customer,

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

STM32MP153CAC3T	STM32MP157AAB3	STM32MP151CAD3
STM32MP153CAD3	STM32MP153AAC3	STM32MP153CAB3T
STM32MP157CAC3T	STM32MP157CAB3	STM32MP153CAB3
STM32MP157CAD3T	STM32MP151AAB3T	STM32MP157AAD3
STM32MP157AAD3T	STM32MP151CAB3	STM32MP151AAD3T
STM32MP151CAB3T	STM32MP157CAC3	STM32MP157AAC3
STM32MP157CAB3T	STM32MP153AAD3T	STM32MP157CAD3
STM32MP151CAC3	STM32MP153AAB3	STM32MP153AAB3T
STM32MP151AAB3	STM32MP153CAD3T	STM32MP151CAD3T
STM32MP153CAC3	STM32MP151AAC3T	STM32MP153AAC3T
STM32MP153AAD3	STM32MP157AAC3T	STM32MP151CAC3T
STM32MP151AAD3	STM32MP151AAC3	STM32MP157AAB3T



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