


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/17/10400	
1.3 Title of PCN	ST25R3911B NFC Reader IC family (ST25R3911B / ST25R3912 / ST25R3913) Minor design change	
1.4 Product Category	ST25R3911B, ST25R3912 and ST25R3913	
1.5 Issue date	2017-08-23	

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	Benoit RODRIGUES	
2.1.2 Marketing Manager	Mark DICKSON	
2.1.3 Quality Manager	Nicolas YACKOWLEW	

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Die redesign	Active element design change with no product functionality or reliability impact	TSMC BA10 (Shanghai)

4. Description of change

	Old	New
4.1 Description	The ST25R3911B, ST25R3912 and ST25R3913, NFC Initiator ICs, are currently produced by ams AG (Graz) fab 8".	Today, ams AG is using the C35 process technology at TSMC FAB10 (Shanghai) and at ams AG (Graz) 8" wafer diffusion plant. The ST25R3911B, ST25R3912 and ST25R3913, have undergone a minor design change while moving the full ownership of the supply chain to STMicroelectronics. ST Microelectronics new design will remain in TSMC FAB10 (Shanghai) while ensuring comparable performance. At the same time, the sourcing at ams AG (Graz) 8" wafer diffusion plant will be terminated.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	- Form: Marking change - Fit: No change - Function: No change	

5. Reason / motivation for change

5.1 Motivation	The strategy of STMicroelectronics Memory Division is to support our customers on a long-term basis with best possible lead and reaction times. The ownership transfer to STMicroelectronics allows STMicroelectronics to have control over the entire supply chain, reducing lead-times, ensuring faster/shorter communication ways. In line with this commitment and the transfer of the product, STMicroelectronics applied a minor design change to have consistent performance compared to the previous revisions of the IC to avoid customer application adjustment.
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	New marking with ST device marking rules
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7. Timing / schedule

7.1 Date of qualification results	2017-08-18
7.2 Intended start of delivery	2017-10-20

7.3 Qualification sample available?	Upon Request
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8. Qualification / Validation			
8.1 Description			
8.2 Qualification report and qualification results	In progress	Issue Date	

9. Attachments (additional documentations)			
10400 Public product.pdf			
10400 PCN ST25R3911Bv41 for Notice.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
	ST25R3911B-AQFT	

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