


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	MDG/20/11934	
<b>1.3 Title of PCN</b>	ST25TV16K / ST25TV64K design improvement	
<b>1.4 Product Category</b>	ST25TV16K-AP6G3 ST25TV64K-AP6G3	
<b>1.5 Issue date</b>	2020-01-09	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	ROBERTSON HEATHER
<b>2.1.2 Phone</b>	+1 8475853058
<b>2.1.3 Email</b>	heather.robertson@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Benoit RODRIGUES
<b>2.1.2 Marketing Manager</b>	Sylvain FIDELIS
<b>2.1.3 Quality Manager</b>	Rita PAVANO

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
General Product & Design	Die redesign : Mask or mask set change with new die design like metallization (specifically chip frontside) or bug fix	Rousset (France)

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	See next paragraph	The ST25TV16K and ST25TV64K NFC tag IC have undergone a design change at metal mask layer concerning the quality of the internal load modulation generation, in order to improve the tag's answer at all RF field conditions (from Hmin to Hmax).  These changes are improving the overall system robustness and have no impact on the application design. No hardware or software change is required at application level.
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	- Form: No change (Only Finished Good Part Number change on label) - Fit: No change - Function: No change ?	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	The strategy of STMicroelectronics Memory division is to support our customers on a long-term basis and to apply continuous improvement. In line with this commitment, those design enhancements will lead to: - Improve the interoperability with readers - Increase the robustness of the solution - Facilitate and speed-up the solution integration at customer
<b>5.2 Customer Benefit</b>	QUALITY IMPROVEMENT

**6. Marking of parts / traceability of change**

<b>6.1 Description</b>	Not Applicable
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2020-01-20
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<b>7.2 Intended start of delivery</b>	2020-07-01
<b>7.3 Qualification sample available?</b>	Upon Request

<b>8. Qualification / Validation</b>			
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<b>8.1 Description</b>			
<b>8.2 Qualification report and qualification results</b>	In progress	<b>Issue Date</b>	

<b>9. Attachments (additional documentations)</b>			
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11934 Public product.pdf  
11934 PCN\_ST25TV16K\_64K for Notice.pdf

<b>10. Affected parts</b>		
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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
	ST25TV64K-AP6G3	

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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** : ST25TV16K / ST25TV64K design improvement

**PCN Reference** : MDG/20/11934

**Subject** : Public Products List

Dear Customer,

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

ST25TV64K-AP6G3	ST25TV16K-AP6G3	
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