


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	ADG/23/14471
1.3 Title of PCN	Redesign of the NTL00 and NTL20 resistor dice and transfer from CT6 (Catania) to SG6 (Ang Mo Kio - Singapore) fab
1.4 Product Category	RF Power
1.5 Issue date	2023-12-13

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	NEMETH KRISZTINA
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2.1.3 Email	krisztina.nemeth@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Roberto CRISAFULLI
2.1.2 Marketing Manager	Gaetano PIGNATARO
2.1.3 Quality Manager	Vincenzo MILITANO

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 - Design changes in active elements.	Ang Mo Kio (Singapore)

4. Description of change

	Old	New
4.1 Description	Diffusion process and wafer testing for NTL00 and NTL20 resistor dice historically performed in ST-CT6 Catania fab	Diffusion process and wafer testing for the redesign of the new resistors to be performed in ST-SG6 Ang Mo Kio (Singapore) fab
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	form	

5. Reason / motivation for change

5.1 Motivation	To increase capacity and flexibility
5.2 Customer Benefit	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	Dedicated Finished Good (FG) code
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7. Timing / schedule

7.1 Date of qualification results	2023-12-05
7.2 Intended start of delivery	2024-03-05
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	14471 New resistors design_AMK transfer_DCRF Qualification report.pptx - Read-Only.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2023-12-13

9. Attachments (additional documentations)

14471 Public product.pdf
14471 14471.pdf
14471 New resistors design_AMK transfer_DCRF Qualification report.pptx - Read-Only.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
	SD2933-05W	
	SD4933	

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