

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/23/13865	
1.3 Title of PCN	RF LDMOS STH5 Technology transfer from 6" CT6 (Catania) fab to 6" AMK6 (Singapore) fab	
1.4 Product Category	RF LDMOS	
1.5 Issue date	2023-01-05	

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	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
Transfer	Line transfer for a full process or process brick (process step, control plan, recipes) from one site to another site: Wafer fabrication	ST AMK

4. Description of change

	Old	New
4.1 Description	Diffusion Process and Wafer Testing for LDMOS STH5 technology have been performed in ST's CT6 (Catania) FAB	Diffusion Process and Wafer Testing for LDMOS STH5 technology will be performed in ST's Ang Mo Kio (Singapore) FAB
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no impact	

5. Reason / motivation for change

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

6. Marking of parts / traceability of change

6.1 Description	Dedicated FG
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7. Timing / schedule

7.1 Date of qualification results	2022-12-21
7.2 Intended start of delivery	2023-03-21
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	13865 STH5_H580_PSO10RF_LDMOS STH5 Technology to SG6.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2023-01-05

9. Attachments (additional documentations)

13865 Public product.pdf
13865 STH5 PCN new form.pdf
13865 STH5_H580_PSO10RF_LDMOS STH5 Technology to SG6.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
	PD85035-E	

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Public Products List

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PCN Title : RF LDMOS STH5 Technology transfer from 6" CT6 (Catania) fab to 6" AMK6 (Singapore) fab

PCN Reference : ADG/23/13865

Subject : Public Products List

Dear Customer,

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

PD85035-E	PD85035S-E	PD85035STR-E
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