


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/18/10785	
1.3 Title of PCN	Technology Transfer of RF DMOS MV 4925 Line from 6 inch CTM6 fab to 6 inch SG6 Fab	
1.4 Product Category	DMOS MV	
1.5 Issue date	2018-03-28	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
2.1.1 Name	ROBERTSON HEATHER
2.1.2 Phone	+1 8475853058
2.1.3 Email	heather.robertson@st.com
<b>2.2 Change responsibility</b>	
2.2.1 Product Manager	Maurizio Maria FERRARA, Filippo DI GIOVANNI
2.1.2 Marketing Manager	Serge JUHEL
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	AMK Singapore

**4. Description of change**

	Old	New
4.1 Description	TechDMOS MV 4925 Line produced in Catania 6 inch Fab.	Tech DMOS MV 4925 Line produced in ST's Ang Mo Kio (Singapore) 6 inch Fab.
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	no impact	

**5. Reason / motivation for change**

5.1 Motivation	Capacity Extension and improvement in Flexibility to better manage the customer orders
5.2 Customer Benefit	CAPACITY INCREASE

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

6.1 Description	by Q.A. number
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**7. Timing / schedule**

7.1 Date of qualification results	2018-03-16
7.2 Intended start of delivery	2018-06-26
7.3 Qualification sample available?	Upon Request

**8. Qualification / Validation**

8.1 Description	10785 Rel04-18.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2018-03-28

**9. Attachments (additional documentations)**

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
	STAC3932B	
	STAC3932F	

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Automotive Discrete Group (ADG)  
Power Transistor Division

**Process Change Notification**

**DMOS MV 4925 Line Tech  
Technology Transfer in ST's Ang Mo Kio (Singapore) FAB**

Dear Customer,

Following the continuous improvement of our service and in order to increase productivity, we announce that *DMOS MV4925 Line* technology wafers, currently manufactured in Catania will be performed in ST's Ang Mo Kio (Singapore) FAB.

Wafers produced in Ang Mo Kio (Singapore) FAB, guarantee the same quality and electrical characteristics as per current production.

In the next pages, we are reporting the qualification plan to reach full maturity.

The change has been classified as **Class 1** according to the ZVEI and ST internal rules.

<b>Assessment of impact on Supply Chain regarding following aspects</b> <ul style="list-style-type: none"><li>- contractual agreements</li><li>- technical interface of processability / manufacturability of customer</li><li>- form, fit, function, quality performance, reliability</li></ul>		<b>Remaining risks on Supply Chain?</b>	
<b>ID</b>	<b>Type of change</b>	<b>No</b>	<b>Yes</b>
SEM-PW-13	Move of all or part of wafer fab to a different location/site/subcontractor	P	

P=PCN

The qualification of the change is completed according the qualification plan reported in the following pages; the results are reported in the attached file

Sincerely Yours!

<i>Tech name</i> <b>Technology Transfer in ST's Ang Mo Kio (Singapore) FAB</b>	
<b>ST Part number:</b>	ST PNs: <i>DMOS MV4925 Line</i> Package: <b>All the Packages</b>
<b>Reason and background of the change</b>	To increase flexibility and increase Capacity
<b>Detailed description of change(s), including affected type of changes</b>	The Diffusion Process and Wafer Testing for <i>DMOS MV4925 Line</i> technology will be performed in ST's Ang Mo Kio (Singapore) FAB.
<b>Impact on form, fit, function, or reliability.</b>	No Impact - No Change
<b>Datasheet</b>	No Impact - No Change
<b>Benefit of the change</b>	Capacity and flexibility increase.
<b>Qualification Plan and Implementation date for change</b>	3 Diff. lots – Test vehicle SD3931-10 / STAC3932F1 The qualification is completed in agreement with JEDEC and internal spec 0061692 specification ( See attached RELIABILITY EVALUATION REPORT)
<b>Traceability Information</b>	By QA Number
<b>PPAP Update</b>	NA



## 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 :** Technology Transfer of RF DMOS MV 4925 Line from 6 inch CTM6 fab to 6 inch SG6 Fab

**PCN Reference :** ADG/18/10785

**Subject :** Public Products List

Dear Customer,

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

STAC3932B	STAC3932F	SD3931-10
SD3933	STAC3933	



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