

**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/20/12362	
1.3 Title of PCN	RF LDMOS STH1 Technology transfer from 6" CT6 (Catania) fab to 6" AMK6 (Singapore) fab	
1.4 Product Category	Power RF	
1.5 Issue date	2020-10-06	

**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	Riccardo NICOLOSO
2.1.2 Marketing Manager	Gaetano PIGNATARO
2.1.3 Quality Manager	Vincenzo MILITANO

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
Transfer	Line transfer for a full process or process brick (process step, control plan, recipes) from one site to another site: Wafer fabrication	Ang Mo Kio (Singapore)

**4. Description of change**

	<b>Old</b>	<b>New</b>
4.1 Description	Diffusion Process and Wafer Testing for LDMOS STH1 technology have been performed in ST's CT6 (Catania) FAB.	Diffusion Process and Wafer Testing for LDMOS STH1 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	MANUFACTURING FLEXIBILITY

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

6.1 Description	Dedicated FG
-----------------	--------------

**7. Timing / schedule**

7.1 Date of qualification results	2021-02-21
7.2 Intended start of delivery	2021-05-25
7.3 Qualification sample available?	Upon Request

**8. Qualification / Validation**

8.1 Description	12362 Reliability evaluation (RL) for Transfer RF Power LDMOS STH1 Technology from CT6 to SG6.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	<b>Issue Date</b>	2020-10-06

**9. Attachments (additional documentations)**

12362 Public product.pdf  
12362 PCN - LDMOS STH1 Tech Technology Transfer in Ang Mo Kio.doc  
12362 Reliability evaluation (RL) for Transfer RF Power LDMOS STH1 Technology from CT6 to SG6.pdf  
12362 Qualification timeline.pptx

**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
PD54008-E	PD54008-E	
PD55003-E	PD55003-E	
PD55003L-E	PD55003L-E	
	PD55003TR-E	
	PD55008-E	
	PD55008TR-E	
	PD55015-E	
	PD55015TR-E	
	PD55025-E	
	PD55025TR-E	
PD57018-E	PD57018-E	
	PD57018S-E	
	PD57018TR-E	
	PD57030-E	
	PD57030S-E	
	PD57060-E	
	PD57060S-E	
	SD57045	



## 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 :** RF LDMOS STH1 Technology transfer from 6" CT6 (Catania) fab to 6" AMK6 (Singapore) fab

**PCN Reference :** ADG/20/12362

**Subject :** Public Products List

Dear Customer,

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

PD55003L-E	PD55015TR-E	PD57060-E
SD57045-01	PD55025-E	PD55015STR-E
PD57045-E	PD55003-E	PD55015S-E
PD55025TR-E	SD56060	PD55003TR-E
PD57060S-E	PD57018STR-E	PD57060TR-E
SD57030-01	PD57018S-E	PD57030-E
PD55008-E	PD55015-E	PD57045TR-E
PD55025S-E	PD55008TR-E	PD54008TR-E
PD57018TR-E	PD55003S-E	PD57030S-E
PD54008L-E	PD55008S-E	SD57030
PD54003-E	PD57018-E	PD54008-E
SD57045		



### IMPORTANT NOTICE – PLEASE READ CAREFULLY

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.