


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

2.1 Contact supplier	
2.1.1 Name	NEMETH KRISZTINA
2.1.2 Phone	+49 89460062210
2.1.3 Email	krisztina.nemeth@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Riccardo NICOLOSO
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	Ang Mo Kio (Singapore)

4. Description of change

	Old	New
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
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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)	Issue Date	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
	PD54008L-E	
	PD57045-E	
	PD55003-E	

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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 : 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		



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