


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/16/10028	
1.3 Title of PCN	Power MOSFET Low Voltage EHD2C technology edge redesign	
1.4 Product Category	Power MOSFET	
1.5 Issue date	2016-12-14	

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	Mario Antonio ALEO
2.1.2 Marketing Manager	Maurizio GIUDICE
2.1.3 Quality Manager	Vincenzo MILITANO

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Die redesign	Mask or mask set change with new die design	Back End plant: Shenzhen Front End plant: Singapore

4. Description of change

	Old	New
4.1 Description	Power MOSFET Low Voltage EHD2C technology edge termination is sensitive to electrical overstress	Power MOSFET Low Voltage EHD2C technology edge termination is less sensitive to electrical overstress
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no impact	

5. Reason / motivation for change

5.1 Motivation	Quality improvement.
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	by FG code and Q.A. number
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7. Timing / schedule

7.1 Date of qualification results	2016-12-12
7.2 Intended start of delivery	2017-06-12
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	10028 LV pmosfet EHD2C edge redesign nov 17 (003).pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2016-12-14

9. Attachments (additional documentations)

10028 Public product.pdf
10028 EHD2C Technology Edge Redesign - Continental.pdf
10028 LV pmosfet EHD2C edge redesign nov 17 (003).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
	STB75NF75LT4	
	STB80NF03L-04T4	
	STB80NF55-06-1	
	STD18NF03L	
	STP36NF06L	



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 : Power MOSFET Low Voltage EHD2C technology edge redesign

PCN Reference : ADG/16/10028

Subject : Public Products List

Dear Customer,

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

STB80NF03L-04T4	STB150NF55T4	STP36NF06L
STB80NF55-06T	STB75NF75LT4	STD20NF06LT4
STB80NF55-06-1	STB200NF03T4	STB85NF55T4
STS5NF60L	STD30NF04LT	STD18NF03L



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