

## PRODUCT / PROCESS CHANGE NOTIFICATION

### 1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.		AMS/19/11488
1.3 Title of PCN		VIPOWER M03 products (VN8601 Line) in PowerSO 20 and PowerSO-10 package: ST Ang Mo Kio (Singapore) as Additional Wafer FAB. New BOM on SO20 Package.
1.4 Product Category		See product list
1.5 Issue date		2019-04-29

### 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	Domenico ARRIGO
2.1.2 Marketing Manager	Fulvio PULICELLI
2.1.3 Quality Manager	Alessandro PLATINI

### 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	Wafer Fab (DIFF): CATANIA (CT6F) and ST Ang Mo Kio (AM6F) (Singapore) ASSY Plant: ST MUAR - MALAYSIA

### 4. Description of change

	Old	New
4.1 Description	Wafer Fab (DIFF): CATANIA (CT6F) BOM in PowerSO 20 package: No GREEN Molding Compound and LeadFrame 24 units/matrix.	Wafer Fab (DIFF): Singapore-ST Ang Mo Kio (AM6F) BOM in PowerSO 20 package: GREEN Molding Compound and IDF LeadFrame 48 units/matrix.
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	No Impact	

### 5. Reason / motivation for change

5.1 Motivation	The transfer to ST Ang Mo Kio (Singapore) as additional Wafer Fab (DIFF) for the selected VIPOWER M03 products in both packages, PowerSO 20 and PowerSO-10, guarantees more flexibility in term of manufacturing and anticipates the termination of the same manufacturing in Catania as Wafer Fab (DIFF) for the selected products. Furthermore, referring to PowerSO 20 package, the change of LF is done for cost saving and the change of Molding Compound is done for meeting better environmental requirements.
5.2 Customer Benefit	MANUFACTURING FLEXIBILITY

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

6.1 Description	New FGs
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### 7. Timing / schedule

7.1 Date of qualification results	2019-06-10
7.2 Intended start of delivery	2019-07-31
7.3 Qualification sample available?	Upon Request

### 8. Qualification / Validation

8.1 Description	
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<b>8.2 Qualification report and qualification results</b>	In progress	<b>Issue Date</b>	
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**9. Attachments (additional documentations)**

11488 Public product.pdf

**10. Affected parts**

<b>10. 1 Current</b>		<b>10.2 New (if applicable)</b>
<b>10.1.1 Customer Part No</b>	<b>10.1.2 Supplier Part No</b>	<b>10.1.2 Supplier Part No</b>
	VNQ860-E	
	VNQ860SPTR-E	
	VNQ860TR-E	

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## Public Products List

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**PCN Title :** VIPOWER M03 products (VN8601 Line) in PowerSO 20 and PowerSO-10 package: ST Ang Mo Kio (Singapore) as Additional Wafer FAB. New BOM on SO20 Package.

**PCN Reference :** AMS/19/11488

**Subject :** Public Products List

Dear Customer,

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

VNQ860-E	VNQ860TR-E	VNQ860SPTR-E
VNQ860SP-E		



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