

## PRODUCT / PROCESS CHANGE NOTIFICATION

### 1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.		ADG/17/10319
1.3 Title of PCN		PowerFLAT™ 5x6 Clip Capacity Extension - Tongfu Microelectronics (China)
1.4 Product Category		Power MOSFET
1.5 Issue date		2017-06-30

### 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	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
Materials	New direct material part number (same supplier, different supplier or new supplier), lead frame, resin, wire, ...)	Tongfu Microelectronics (China)

### 4. Description of change

	Old	New
4.1 Description	PowerFLAT™ 5x6 Clip package were manufactured in Shenzhen (China)	PowerFLAT™ 5x6 package Clip will be manufactured also in Tongfu Microelectronics (China)
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	no impacts	

### 5. Reason / motivation for change

5.1 Motivation	Improve service to Customers
5.2 Customer Benefit	SERVICE IMPROVEMENT

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

6.1 Description	by "GF" as first digits of the trace code, internal code (Finished Good) and Q.A. number
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### 7. Timing / schedule

7.1 Date of qualification results	2017-06-19
7.2 Intended start of delivery	2017-09-19
7.3 Qualification sample available?	Upon Request

### 8. Qualification / Validation

8.1 Description	10319 Rel04-17.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2017-06-30

**9. Attachments (additional documentations)**

10319 Public product.pdf  
10319 PowerFLAT®; 5x6 Clip Capacity Extension - Tongfu Microelectronics (China).pdf  
10319 Rel04-17.pdf  
10319 PowerFLAT®; 5x6 Clip Single Island - Comparison.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>
	STL100N8F7	
	STL110N10F7	
	STL110NS3LLH7	
	STL120N8F7	
	STL130N6F7	
	STL140N4LLF5	
	STL140N6F7	
	STL150N3LLH5	
	STL160NS3LLH7	
	STL220N3LLH7	
	STL260N3LLH6	
	STL75N8LF6	
	STL90N6F7	

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