


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	ADG/18/11165	
<b>1.3 Title of PCN</b>	DPAK and IPAK Power MOSFET 3 mils Al Gate Wire - Tongfu Microelectronics (China)	
<b>1.4 Product Category</b>	Power MOSFET	
<b>1.5 Issue date</b>	2018-11-12	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	ROBERTSON HEATHER
<b>2.1.2 Phone</b>	+1 8475853058
<b>2.1.3 Email</b>	heather.robertson@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Maurizio GIUDICE
<b>2.1.2 Marketing Manager</b>	Paolo PETRALI
<b>2.1.3 Quality Manager</b>	Vincenzo MILITANO

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
Materials	New direct material part number (same supplier, different supplier or new supplier), Lead frame base material	Tongfu Microelectronics (China)

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	Selected products in DPAK and IPAK, are manufactured in Shenzhen (China) with 2 mils Gate Cu Wire	Selected products in DPAK and IPAK, may be manufactured in Tongfu Microelectronics (China) Subcontractor with 3 mils Gate Al Wire
<b>4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?</b>	no impacts	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	Increase Back-end Capacity
<b>5.2 Customer Benefit</b>	CAPACITY INCREASE

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

<b>6.1 Description</b>	will be identified by internal code (Finished Good) and Q.A. number
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2018-10-22
<b>7.2 Intended start of delivery</b>	2019-01-22
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	11165 Rel22_18.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	2018-11-12

**9. Attachments (additional documentations)**

11165 Public product.pdf  
11165 DPAK and IPAK Power MOSFET 3 mils Al Gate Wire - TFME.pdf  
11165 Rel22\_18.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
	STD3LN80K5	
	STD4N90K5	
	STD5N80K5	
	STU3LN80K5	

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## Public Products List

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**PCN Title** : DPAK and IPAK Power MOSFET 3 mils Al Gate Wire - Tongfu Microelectronics (China)

**PCN Reference** : ADG/18/11165

**Subject** : Public Products List

Dear Customer,

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

STD5N80K5	STD4N90K5	STU3LN80K5
STD4LN80K5	STD3LN80K5	



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