


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

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

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	MARSHALL DAVE
2.1.2 Phone	
2.1.3 Email	dave.marshall@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Maurizio GIUDICE
2.1.2 Marketing Manager	Paolo PETRALI
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 base material	Tongfu Microelectronics (China)

4. Description of change

	Old	New
4.1 Description	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
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no impacts	

5. Reason / motivation for change

5.1 Motivation	Increase Back-end Capacity
5.2 Customer Benefit	CAPACITY INCREASE

6. Marking of parts / traceability of change

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

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

8. Qualification / Validation

8.1 Description	11165 Rel22_18.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	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
	STD4N90K5	

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