

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	ADG/23/14043
1.3 Title of PCN	TO247-LL IGBT Industrial capacity extension in subcon TongKe China
1.4 Product Category	IGBT
1.5 Issue date	2023-04-06

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	Angelo RAO
2.1.2 Marketing Manager	Natale Sandro D'ANGELO
2.1.3 Quality Manager	Vincenzo MILITANO

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: Assembly site (SOP 2617)	Subcon Tongke China

4. Description of change

	Old	New
4.1 Description	The current IGBT TO247-LL Industrial is assembled in subcon Tongke China	The IGBT TO247-LL Industrial will also be assembled in subcon Tongke China
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	processability	

5. Reason / motivation for change

5.1 Motivation	Capacity Increase
5.2 Customer Benefit	SERVICE CONTINUITY

6. Marking of parts / traceability of change

6.1 Description	By internal traceability and dedicated FG code.
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7. Timing / schedule

7.1 Date of qualification results	2023-03-30
7.2 Intended start of delivery	2023-09-30
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	14043 REPPTD23049_1.0_TO247 LL Transfer from Tongfu to Tongke subcon for IGBT products.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2023-04-06

9. Attachments (additional documentations)

14043 Public product.pdf 14043 14043.pdf 14043 REPPTD23049_1.0_TO247 LL Transfer from Tongfu to Tongke subcon for IGBT products.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
	STGWA100H65DFB2	
	STGWA15H120DF2	
	STGWA20H65DFB2	
	STGWA20HP65FB2	
	STGWA20IH65DF	
	STGWA25H120DF2	
	STGWA25H120F2	
	STGWA30HP65FB2	
	STGWA30IH65DF	
	STGWA40H120DF2	
	STGWA40H120F2	
	STGWA40H65DFB	
	STGWA40H65DFB2	
	STGWA40H65FB	
	STGWA40HP65FB2	
	STGWA40IH65DF	
	STGWA50H65DFB2	
	STGWA50HP65FB2	
	STGWA50IH65DF	
	STGWA60H65DFB	
	STGWA75H65DFB2	
	STGWA80H65DFB	
	STGWA80H65FB	

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Product/process change notification: ADG/23/14043

TO247-LL IGBT TFS Industrial capacity extension in Subcon
Tongke China

Product family	Technology	Package
G5 IGBT	TFS	TO247-LL

Description of the change

Automotive & Discrete Group (ADG)
Power Transistors Sub-Group
IGBT & IPM Division

Following the continuous improvement of our service and with the aim of increasing production capacity, this document announces that TO247-LL IGBT TFS Industrial, currently assembled in subcon Tongfu China, will also be assembled in subcon Tongke China.

The TO247-LL IGBT TFS Industrial assembled in Tongke China will guarantee the same quality and electrical characteristics as per current production.

Involved Products	Package	Test Vehicles	Samples Availability	End of Qualification
Selected IGBT TFS	TO247-LL	STGWA80H65DFB STGWA100H65DFB2 STGWA40H120DF2	Upon request	Week 26 / 2023

Reason

Capacity extension / service improvement

Date of implementation

Starting from Week 27 / 2023

Product/process change notification:
<Description>

ADG/23/14043

Impact of the change

Form	No impact
Fit	No impact
Function	No impact
Reliability	No impact (see verification of Qual. Plan attached)
Processibility	X

Qualification of the change

See attached Qualification Plan

Marking and traceability:

Unless otherwise stated by customer specific requirement, traceability of products assembled in Tongke China will be ensured by internal code (Finished Good) and Q.A. number

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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 : TO247-LL IGBT Industrial capacity extension in subcon TongKe China

PCN Reference : ADG/23/14043

Subject : Public Products List

Dear Customer,

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

STGWA80H65DFB	STGWA100H65DFB2	STGWA20IH65DF
STGWA75H65DFB2	STGWA30HP65FB2	STGWA15H120DF2
STGWA20H65DFB2	STGWA40HP65FB2	STGWA50H65DFB2
STGWA40H65DHFB2	STGWA50IH65DF	STGWA30IH65DF
STGWA40HP65FB	STGWA80H65FB	STGWA40H65DFB2
STGWA50HP65FB2	STGWA40H120F2	STGWA40H65DFB
STGWA40H120DF2	STGWA20HP65FB2	STGWA25H120DF2
STGWA40IH65DF	STGWA40H65FB	STGWA25H120F2
STGWA30H65DFB2	STGWA60H65DFB	

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