


# PRODUCT / PROCESS CHANGE NOTIFICATION

## 1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	POWER AND DISCRETES/25/15465
1.3 Title of PCN	E3 H2PAK 7L products process change to solve metal burr.
1.4 Product Category	Pls refer to SIC Product List.
1.5 Issue date	2025-08-29

## 2. PCN Team

2.1 Contact supplier	
2.1.1 Name	PIKE EMMA
2.1.2 Phone	+44 1628896111
2.1.3 Email	emma.pike@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Angelo RAO
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
Methods	Process flow chart: Revision change in Process like addition, deletion of process step	SH1A---ST SHENZHEN -CHINA

## 4. Description of change

	Old	New
4.1 Description	H2PAK : Plating -> DBC +Forming.	H2PAK NEW: DBC->PLATING->FORMING/SINGUALTIONN
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Impact on Processability	

## 5. Reason / motivation for change

5.1 Motivation	Due to the QTY of H2PAK 7L Dambar is too much, when performed DBC, it is very easy to emerge Sn burr.
5.2 Customer Benefit	QUALITY IMPROVEMENT

## 6. Marking of parts / traceability of change

6.1 Description	New FG
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## 7. Timing / schedule

7.1 Date of qualification results	2025-06-20
7.2 Intended start of delivery	2025-12-19
7.3 Qualification sample available?	Upon Request

## 8. Qualification / Validation

8.1 Description	15465 New assembly flow qualification on H2PAK package in ST Shenzhen plant moving from one step crop to dual step crop.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2025-08-29

## 9. Attachments (additional documentations)

15465 Public product.pdf
15465 New assembly flow qualification on H2PAK package in ST Shenzhen plant moving from one step crop to dual step crop.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
	SCT016H120G3AG	
	SCT027H65G3AG	
	SCT040H65G3AG	
	SCT070H120G3AG	
	SCTH100N120G2-AG	
	SCT012H90G3AG	
	SCT070H120G3-7	

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