


PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCI No.	AMS/19/11931	
1.3 Title of PCI	Introduction of a Rough Lead frame for VFDFPN 4x4 8L package assembled in Carsem Malaysia	
1.4 Product Category	See product list	
1.5 Issue date	2019-12-20	

2. PCI Team

2.1 Contact supplier	
2.1.1 Name	NEMETH KRISZTINA
2.1.2 Phone	+49 89460062210
2.1.3 Email	krisztina.nemeth@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Marcello SAN BIAGIO
2.1.2 Marketing Manager	Salvatore DI VINCENZO
2.1.3 Quality Manager	Sergio Tommaso SPAMPINATO

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 finishing material / area (internal)	Assembly = Subcontractor Carsem (Malaysia)

4. Description of change

	Old	New
4.1 Description	Lead frame : Smooth LF Plating : NiPdAu	Lead frame : Rough LF Plating : NiPdAuAg
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No impact	

5. Reason / motivation for change

5.1 Motivation	ST is pleased to announce the introduction of a Rough Lead frame (pre-plated NiPdAuAg) for products assembled in VFDFPN 4x4 8L. The rough texture will enhance adhesion between the Epoxy molding compound and the metal finish of the lead frame and improve the mechanical stability of the package.
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	New Finished good codes
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7. Timing / schedule

7.1 Date of qualification results	2019-12-19
7.2 Intended start of delivery	2020-01-31
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation

8.1 Description	11931 11931_Rough LF.zip		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2019-12-20

9. Attachments (additional documentations)

11931 Public product.pdf
11931 11931_Rough LF.zip

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
	ST1S10PUR	
	ST1S32PUR	
	ST1S41PUR	

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Public Products List

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PCI Title : Introduction of a Rough Lead frame for VFDFPN 4x4 8L package assembled in Carsem Malaysia

PCI Reference : AMS/19/11931

Subject : Public Products List

Dear Customer,

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

ST1CC40PUR	ST1S10PUR	ST1S40IPUR
ST1S41PUR	ST1L05DPUR	LED2000PUR
ST1S30IPUR	ST1S32PUR	LED2001PUR



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