

**PRODUCT / PROCESS CHANGE INFORMATION**

**1. PCI basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCI No.</b>	AMS/20/12107	
<b>1.3 Title of PCI</b>	Qualification of a new Matrix density lead frame and a new material set in ST Shenzhen for selected products assembled in DPAK package	
<b>1.4 Product Category</b>	LDF33DT-TR	
<b>1.5 Issue date</b>	2020-04-17	

**2. PCI 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>	Marcello SAN BIAGIO
<b>2.1.2 Marketing Manager</b>	Salvatore DI VINCENZO
<b>2.1.3 Quality Manager</b>	Giuseppe LISI

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
Materials	(Not Defined)	ST Shenzhen

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	- Standard density lead-frame - Gold wire	- Matrix density lead-frame - Copper wire
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	No impact	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	This PCI on DPAK product (LDF33DT-TR) follows the PCN 10764 that ST sent in March 2018 to announce the change of lead frame and wire material for PPAK packages. This change will allow us to increase efficiency and production capacity. Customers demand will be better supported.
<b>5.2 Customer Benefit</b>	SERVICE IMPROVEMENT

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

<b>6.1 Description</b>	New finished good codes
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2020-04-09
<b>7.2 Intended start of delivery</b>	2020-05-25
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>			
<b>8.2 Qualification report and qualification results</b>	In progress	<b>Issue Date</b>	

**9. Attachments (additional documentations)**

12107 Public product.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
	LDF33DT-TR	

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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

**PCI Title** : Qualification of a new Matrix density lead frame and a new material set in ST Shenzhen for selected products assembled in DPAK package

**PCI Reference** : AMS/20/12107

**Subject** : Public Products List

Dear Customer,

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

LDF33DT-TR		
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