


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	ADG/22/13774	
<b>1.3 Title of PCN</b>	Migration of DPAK Leadframe from Standard to Matrix for STD1802T4-A	
<b>1.4 Product Category</b>	STD1802T4-A	
<b>1.5 Issue date</b>	2022-11-17	

**2. PCN 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>	Angelo RAO
<b>2.1.2 Marketing Manager</b>	Giuseppe BAZZANO
<b>2.1.3 Quality Manager</b>	Vincenzo MILITANO

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
Materials	New direct material part number (same supplier, different supplier or new supplier), Lead frame base material	STS Shenzhen

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	The current Leadframe used for DPAK package is Standard single row, with Au wire bonding and AsAuCrNiAu backside metal	The DPAK Leadframe will migrate to the Matrix Leadframe, with Cu wire bonding, and TiNiAu backside metal
<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>	Back-End rationalization
<b>5.2 Customer Benefit</b>	SERVICE IMPROVEMENT

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

<b>6.1 Description</b>	by FG code and Q.A. number
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2022-11-14
<b>7.2 Intended start of delivery</b>	2023-05-14
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	13774 REPPTD220065_1.0_STD1802T4-A_BA04_DPAK MTX_Epi Planar Technology.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	2022-11-17

**9. Attachments (additional documentations)**

13774 Public product.pdf  
13774 PCN DPAK Matrix BA04.pdf  
13774 REPPTD220065\_1.0\_STD1802T4-A\_BA04\_DPAK MTX\_Epi Planar Technology.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
	STD1802T4-A	



## Public Products List

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**PCN Title** : Migration of DPAK Leadframe from Standard to Matrix for STD1802T4-A

**PCN Reference** : ADG/22/13774

**Subject** : Public Products List

Dear Customer,

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

STD1802T4-A		
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