

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	POWER AND DISCRETE PRODUCTS/24/14902	
1.3 Title of PCN	D2PAK/TO-220 D7 Al-Mg wire to D7 Al wire conversion.	
1.4 Product Category	Pls refer to the Products List.	
1.5 Issue date	2024-07-25	

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
Materials	Change of qualified supplier providing the same part number for direct material	SH1A---ST SHENZHEN -CHINA

4. Description of change

	Old	New
4.1 Description	7mil Al-Mg wire 5XW14313 using in TO220 & D2PAK ASSEMBLY.	7mil Al wire 5XW12031 using in TO220 & D2PAK.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Impact on processability	

5. Reason / motivation for change

5.1 Motivation	Discontinue of Al-Mg raw material source: AMETEK unable to source new Al-Mg source.
5.2 Customer Benefit	SERVICE CONTINUITY

6. Marking of parts / traceability of change

6.1 Description	by QA number
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7. Timing / schedule

7.1 Date of qualification results	2023-05-22
7.2 Intended start of delivery	2024-10-31
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	14902 RERPTD23041_1_New wire change From AlMg to Al on DPAK_TO220_D2PAK_Packages_Automotive.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-07-25

9. Attachments (additional documentations)

14902 Public product.pdf
14902 RERPTD23041_1_New wire change From AlMg to Al on DPAK_TO220_D2PAK_Packages_Automotive.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
	MJB44H11T4-A	

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Public Products List

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PCN Title : D2PAK/TO-220 D7 Al-Mg wire to D7 Al wire conversion.

PCN Reference : POWER AND DISCRETE PRODUCTS/24/14902

Subject : Public Products List

Dear Customer,

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

MJB44H11T4-A		
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