PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	STMicroelectronics International N.V
1.2 PCN No.	POWER AND DISCRETE PRODUCTS/25/15161
1.3 Title of PCN	Qualification of the new Lead Frame and soft solder dispenser tool for selected MOSFET LV products in TO252 (DPAK) in TFME plant.
1.4 Product Category	Pls Refer to the Products List (MOSFET LV)
1.5 Issue date	2025-02-04

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	Rosario RUGGERI
2.1.2 Marketing Manager	Anna RANIOLO
2.1.3 Quality Manager	Daniela FAZIO

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Materials	New direct material part number r (same supplier, different supplier or new supplier),(Lead frame dimensions)	998G (TFME)

4. Description of change

	Old	New
4.1 Description	Standard DPAK Leadframe TO252-3H + Soft Solder dispenser PUM.	New DPAK Leadframe TO252-3U + Soft Solder dispenser SPANKER.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No Impact	

5. Reason / motivation for change

5.1 Motivation	To continuously improve our service and to rationalize and optimize Power MOSFET Transistors productivity.
5.2 Customer Benefit	SERVICE IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Dedicated FGs

7. Timing / schedule

7.1 Date of qualification results	2024-12-20
7.2 Intended start of delivery	2025-04-01
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	15161 RERLVIP24034_1.0_New_LF_TO252-3U_Die_attached_Spanker_DPAK_TFME.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	**Issue Date**	2025-02-04

9. Attachments (additional documentations)

15161 Public product.pdf
15161 New Lead Frame and soft solder tool for LV in TO252 (DPAK) in TFME plant_.pdf
15161 RERLVIP24034_1.0_New_LF_TO252-3U_Die_attached_Spanker_DPAK_TFME.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**
	STD20NF20	
	STD40NF10	
	STD60NF06T4	

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