


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/22/13775	
1.3 Title of PCN	Migration of DPAK IGBT Leadframe from Standard to Matrix	
1.4 Product Category	IGBT	
1.5 Issue date	2022-11-17	

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	Giuseppe BAZZANO
2.1.3 Quality Manager	Vincenzo MILITANO

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 base material	STS Shenzhen

4. Description of change

	Old	New
4.1 Description	The current Leadframe used for DPAK package is Standard single row	The DPAK Leadframe will migrate to the Matrix Leadframe
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no impact	

5. Reason / motivation for change

5.1 Motivation	Back-End rationalization
5.2 Customer Benefit	SERVICE IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	by FG code and Q.A. number
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7. Timing / schedule

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

8. Qualification / Validation

8.1 Description	13775 RERPTD22078_1_STGD19N40LZ _IZB4_DPAK_from STS STD to STS Matrix_Automotive.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2022-11-17

9. Attachments (additional documentations)

13775 Public product.pdf
13775 PCN DPAK IGBT Matrix IZB4 SMB4.pdf
13775 RERPTD22078_1_STGD19N40LZ_IZB4_DPAK_from STS STD to STS Matrix_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
	STGD18N40LZT4	
	STGD19N40LZ	
	STGD20N40LZ	



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

PCN Title : Migration of DPAK IGBT Leadframe from Standard to Matrix

PCN Reference : ADG/22/13775

Subject : Public Products List

Dear Customer,

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

STGD20N40LZ	STGD18N40LZT4	STGD19N40LZ
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