PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	STMicroelectronics International N.V
1.2 PCN No.	MDG/22/13697
1.3 Title of PCN	VFQFPN32 – Package upgrade for ST33TPHF20, ST33TPHF2E, ST33TPHF2X cancellation
1.4 Product Category	ST33TPHF20, ST33TPHF2E, ST33TPHF2X
1.5 Issue date	2022-10-11

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	Marie-France FLORENTIN
2.1.2 Marketing Manager	Denis FARISON
2.1.3 Quality Manager	Mickael DENAIS-ALLICHON

3. Change

3.1 Category	**3.2 Type of change**	**3.3 Manufacturing Location**
General Product & Design	(Not Defined)	AMKOR ATP3

4. Description of change

	Old	**New**
4.1 Description	Warning: This PCN replaces PCN 13417 - VFQFPN32 – Package upgrade for ST33TPHF20, ST33TPHF2E, ST33TPHF2X to support Ultra Low Alpha molding resin to improve Soft Error Rate	The change of the package BOM is cancelled. The list of impacted products initially present in PCN 13417 below will NOT be migrated to a new package. They will be produced with the already qualified package including standard resin.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Impact on function	

5. Reason / motivation for change

5.1 Motivation	The cancellation of the package change is due to strategic choices to increase the reliability of the supply chain.
5.2 Customer Benefit	SERVICE CONTINUITY

6. Marking of parts / traceability of change

6.1 Description	For each Commercial Product impacted by the change, a new Finished Good codification will be created. This Finished Good codification is present on the label.

7. Timing / schedule

7.1 Date of qualification results	2022-09-30
7.2 Intended start of delivery	2022-10-07
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation

8.1 Description			
8.2 Qualification report and qualification results	In progress	**Issue Date**	

9. Attachments (additional documentations)

13697 Public product.pdf
13697 PCN TPM VFQFPN32 - Package change cancellation v1.0.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
	ST33HTPH2032AHD1	

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PRODUCT CHANGE NOTIFICATION
PCN MDG/SMD

TPM VFQFPN32 – Package upgrade cancellation

VFQFPN32 – Package upgrade for ST33TPHF20, ST33TPHF2E, ST33TPHF2X cancellation

Warning: This PCN replaces **PCN 13417** - VFQFPN32 – Package upgrade for ST33TPHF20, ST33TPHF2E, ST33TPHF2X to support Ultra Low Alpha moding resin to improve Soft Error Rate

What are the changes?

The change of the package BOM is cancelled. The list of impacted products initially present in PCN 13417 below will NOT be migrated to a new package. They will be produced with the already qualified package including standard resin.

Commercial Product	Finished Good BOM with standard resin	Finished Good CANCELED (BOM with ULA resin)
ST33HTPH2E32AHA5	33HTPH2E32CHB2CT	~~33HTPH2E32CHB2CU~~
ST33HTPH2032AAF3	33HTPH2032CHA3CT	~~33HTPH2032CHA3CU~~
ST33HTPH2032GAF3	OIMMY8K42P00875	~~TBD~~
ST33HTPH2E32AHB4	33HTPH2E32CHB4CT	~~33HTPH2E32CHB4CU~~
ST33HTPH2E32AHC2	33HTPH32CHD2CT	~~33HTPH32CHD2CU~~
ST33HTPH2032AHC3	33HTPH32CHD3CT	~~33HTPH32CHD3CU~~
ST33HTPH2E32AHD0	33HTPH32CHD0CT	~~33HTPH32CHD0CU~~
ST33HTPH2032AHD1	33HTPH32CHD1CT	~~33HTPH32CHD1CU~~
ST33HTPH2X32AHD4	33HTPH32CHD4CT	~~33HTPH32CHD4CU~~
ST33HTPH2X32AHD5	33HTPH32CHD5CT	~~33HTPH32CHD5CU~~
ST33HTPH2E32AHD6	33HTPH32CHD6CT	~~33HTPH32CHD6CU~~
ST33HTPH2032AHD7	33HTPH32CHD7CT	~~33HTPH32CHD7CU~~
ST33HTPH2X32AHD8	33HTPH32CHD8CT	~~33HTPH32CHD8CU~~
ST33HTPH2X32AHE0	33HTPH32CHE0CT	~~33HTPH32CHE0CU~~
ST33HTPH2X32AHE1	33HTPH32CHE1CT	~~33HTPH32CHE1CU~~
ST33HTPH2X32AHE4	33HTPH32CHE4CT	~~33HTPH32CHE4CU~~

Why?

The cancellation of the package change is due to strategic choices to increase the reliability of the supply chain.

When?

There is no plan to change the package on the long term.

How will the change be qualified?

Not applicable.

Document Revision History

Date	Rev.	Description of the Revision
29/Sep/2022	1.0	First release

Public Products List

Publict 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 : VFQFPN32 – Package upgrade for ST33TPHF20, ST33TPHF2E, ST33TPHF2X cancellation
PCN Reference : MDG/22/13697

Subject : Public Products List

Dear Customer,

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

ST33HTPH2X32AHD8	ST33HTPH2E32AHC2	ST33HTPH2X32AHD4
ST33HTPH2E32AHD0	ST33HTPH2X32AHD5	ST33HTPH2032AHC3
ST33HTPH2032AHD1		

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