


**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**

<b>2.1 Contact supplier</b>	
2.1.1 Name	ROBERTSON HEATHER
2.1.2 Phone	+1 8475853058
2.1.3 Email	heather.robertson@st.com
<b>2.2 Change responsibility</b>	
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	
	ST33HTPH2X32AHD4	



## 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 :** 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		



### IMPORTANT NOTICE – PLEASE READ CAREFULLY

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.