

**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

|                      |                                                                                   |                                      |
|----------------------|-----------------------------------------------------------------------------------|--------------------------------------|
| 1.1 Company          |  | STMicroelectronics International N.V |
| 1.2 PCN No.          | POWER AND DISCRETE PRODUCTS/24/14790                                              |                                      |
| 1.3 Title of PCN     | Transfer of assembly and test line qualification for TO220 & I2PAK packages       |                                      |
| 1.4 Product Category | TO220 & I2PAK Rectifiers products<br>TO220 Thyristors-Triacs products             |                                      |
| 1.5 Issue date       | 2024-06-18                                                                        |                                      |

**2. PCN Team**

|                                  |                            |
|----------------------------------|----------------------------|
| <b>2.1 Contact supplier</b>      |                            |
| 2.1.1 Name                       | HEIZKIA RORIMPANDEY        |
| 2.1.2 Phone                      | +61 283381172              |
| 2.1.3 Email                      | heizkia.rorimpandey@st.com |
| <b>2.2 Change responsibility</b> |                            |
| 2.2.1 Product Manager            | Stephane CHAMARD           |
| 2.1.2 Marketing Manager          | Philippe LEGER             |
| 2.1.3 Quality Manager            | Jean-Paul REBRASSE         |

**3. Change**

|                     |                                                                                           |                                   |
|---------------------|-------------------------------------------------------------------------------------------|-----------------------------------|
| <b>3.1 Category</b> | <b>3.2 Type of change</b>                                                                 | <b>3.3 Manufacturing Location</b> |
| Transfer            | Product transfer from one site to another site, even if test or process line is qualified | Subcontractor (China)             |

**4. Description of change**

|                                                                                       |                                                      |                                                          |
|---------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------|
|                                                                                       | <b>Old</b>                                           | <b>New</b>                                               |
| 4.1 Description                                                                       | Assembly and Test & Finishing in ST Shenzhen (China) | Assembly and Test & Finishing in a subcontractor (China) |
| 4.2 Anticipated Impact on form,fit, function, quality, reliability or processability? | No                                                   |                                                          |

**5. Reason / motivation for change**

|                      |                                                                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------|
| 5.1 Motivation       | ST Shenzhen has decided to phase out TO220 & I2PAK line to extend production capacity for other packages. |
| 5.2 Customer Benefit | SERVICE CONTINUITY                                                                                        |

**6. Marking of parts / traceability of change**

|                 |                                                                                                               |
|-----------------|---------------------------------------------------------------------------------------------------------------|
| 6.1 Description | Traceability of the change will be ensured by Finished Good/Type print on carton labels (New FG ending by F). |
|-----------------|---------------------------------------------------------------------------------------------------------------|

**7. Timing / schedule**

|                                     |              |
|-------------------------------------|--------------|
| 7.1 Date of qualification results   | 2024-06-07   |
| 7.2 Intended start of delivery      | 2024-09-20   |
| 7.3 Qualification sample available? | Upon Request |

**8. Qualification / Validation**

|                                                    |                            |            |            |
|----------------------------------------------------|----------------------------|------------|------------|
| 8.1 Description                                    | 14790 24015QRP.pdf         |            |            |
| 8.2 Qualification report and qualification results | Available (see attachment) | Issue Date | 2024-06-18 |

**9. Attachments (additional documentations)**

14790 Public product.pdf  
14790 PCN TO220PWR indus transfer.pdf  
14790 24015QRP.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  |
|                         | STPS60170CT             |                          |

## **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.

© 2022 STMicroelectronics – All rights reserved



## 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 :** Transfer of assembly and test line qualification for TO220 & I2PAK packages

**PCN Reference :** POWER AND DISCRETE PRODUCTS/24/14790

**Subject :** Public Products List

Dear Customer,

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

|                |               |               |
|----------------|---------------|---------------|
| STPS20SM100ST  | STPS41H100CT  | STPS30M80CT   |
| STTH30R04D     | STPS3045CT    | STPS15L25D    |
| BTB04-600SL    | STPS30L60CT   | STTH8R06D     |
| STPS60170CT    | STTH802D      | STTH2003CT    |
| FERD20H60CTS   | FERD20H100STS | STPS40150CT   |
| STPS16150CT    | STTH5L06D     | STPSC6H065D   |
| FERD40M45CT    | STPS30SM100ST | STPS20M60D    |
| FERD60M45CT    | STPS40120CT   | STPS40M100CT  |
| STTH20R04D     | STPS20150CT   | STPS20120CT   |
| FERD40H100STS  | STTH3010D     | STPS60H100CT  |
| FERD20S100STS  | STPS20200CT   | STPS8H100D    |
| STTH8L06D      | STTH15RQ06D   | STTH810D      |
| STPS20LCD200CT | STTH15L06D    | STPS3045CTC   |
| STPS10120CT    | STPSC8065D    | STPSC12H065D  |
| STPS40M80CT    | STPS20150CR   | STTH16L06CT   |
| STPS40L15CT    | STTH1202D     | STPS40L45CT   |
| STPS20S100CT   | STPS20H100CT  | STPSC12065D   |
| STPS10L60D     | STPS61L60CT   | STPS1545CT    |
| STTH2002CR     | STPS1045D     | STPS10150CT   |
| STPS30H100CT   | STPS40170CT   | STPS20LCD80CT |
| STPS30100ST    | STPS10H100CT  | STPSC20065D   |
| STTH3012D      | STPS30L30CT   | STTH1002CT    |
| STPS41H100CR   | STTH2003CR    | STPS20120CR   |
| STTH8S06D      | STTH1210D     | STPS30L45CT   |
| STPS745D       | STTH5R06D     | STPS30H60CT   |
| STPS30M100ST   | STTH512D      | STPS1545D     |
| STPSC8H065D    | STTH812D      | STPS61L45CT   |
| STTH1212D      | STTH2002CT    | STPS2045CT    |
| STPS30L120CT   | STTH15S12D    | STTH10LCD06CT |
| STPS20LCD80CR  | STPS20SM80CT  | STPS30L120CR  |
| STPS20120D     | STPS20H100CR  | STPS1545CR    |
| STPS20170CT    | ACST610-8T    | STTH12R06D    |
| STTH15AC06CT   | STPS20L60CT   | STPS20L25CT   |
| STTH1002CR     | STTH15R06D    | STPS10L40CT   |
| ACST1035-7T    | FERD30M45CT   | STPS40SM100CT |
| FERD30H60CTS   | FERD30H100STS | STPS30120CT   |



## Public Products List

|               |               |              |
|---------------|---------------|--------------|
| STTH20L03CT   | STPSC10065D   | STPS40M60CT  |
| STPS30150CT   | STTH1602CT    | STPS20M100ST |
| STPS20SM120ST | STTH16R04CT   | STPSC4H065D  |
| STPS20100CT   | STTH8S12D     | FERD30L60CTS |
| STPS30M60ST   | STTH602CT     | STPS41L60CT  |
| STPS60150CT   | STTH8R04D     | STTH1502D    |
| STTH803D      | STPS20L15D    | TYN612MRG    |
| STPS10L25D    | FERD30SM100ST | STTH30RQ06D  |
| STTH3002CT    | STPSC10H065D  | TS420-600T   |
| ACST830-8T    | ACST1010-7T   |              |

**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.