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|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Title of Change:</b>        | Update to PB25983Z - Introduce new orderable part numbers Assemble and Test at onsemi Seremban, Malaysia using 12-inch wafer from Global Foundries East Fishkill, US. |
| <b>Effective date:</b>         | 04 Apr 2024                                                                                                                                                           |
| <b>Contact information:</b>    | Contact your local onsemi Sales Office or <a href="mailto:Hoang.Nguyen@onsemi.com">Hoang.Nguyen@onsemi.com</a>                                                        |
| <b>Type of notification:</b>   | This Product Bulletin is for notification purposes only.<br>onsemi will proceed with implementation of this change upon publication of this Product Bulletin.         |
| <b>Change Category:</b>        | Wafer Fab Change                                                                                                                                                      |
| <b>Change Sub-Category(s):</b> | Material Change                                                                                                                                                       |

**Sites Affected:**

| onsemi Sites | External Foundry/Subcon Sites                           |
|--------------|---------------------------------------------------------|
| None         | Global Foundries East Fishkill, New York, United States |

**Description and Purpose:**

This notification is an update to PB25983Z to correct Fab information of the OPNs listed in the notification and to provide additional clarification on this change.

onsemi is introducing new orderable part numbers for parts assembled at onsemi Seremban, Malaysia using 12-inch wafers from Global Foundries East Fishkill, US. This flow was originally released under FPCN22966 series using the existing OPN but with -01 suffix in the IPN field of product labels. With the release of new OPNs for the parts assembled at onsemi Seremban, Malaysia using 12-inch wafers from Global Foundries East Fishkill, US the OPN and IPN will be the same.

| Original OPNs<br>Fab: <b>Aizu 8-inch/ EFK 12-inch</b><br>Assembly: Seremban<br>Test: Seremban | New OPNs<br>Fab: <b>EFK 12-inch</b><br>Assembly: Seremban<br>Test: Seremban<br>Per <b>PB25983Z</b> |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| NVMFS4C302NWFT1G                                                                              | NVMFS4C302NWFT1G                                                                                   |
| NVMFS5C423NLWFAFT1G                                                                           | NVMFS5C423NLWFT1G                                                                                  |
| NVMFS5C450NLWFAFT1G                                                                           | NVMFS5C450NLWFT1G                                                                                  |
| NVMFS5C450NWFAFT1G                                                                            | NVMFS5C450NWFT1G                                                                                   |
| NVMFS5C450NWFAFT3G                                                                            | NVMFS5C450NWFT3G                                                                                   |
| NVMFS5C456NLWFAFT1G                                                                           | NVMFS5C456NLWFT1G                                                                                  |
| NVMFS5C456NLWFAFT3G                                                                           | NVMFS5C456NLWFT3G                                                                                  |
| NVMFS5C460NLWFAFT1G                                                                           | NVMFS5C460NLWFT1G                                                                                  |
| NVMFS5C460NLWFAFT3G                                                                           | NVMFS5C460NLWFT3G                                                                                  |
| NVMFS5C468NLWFAFT3G                                                                           | NVMFS5C468NLWFT3G                                                                                  |
| NVMFS5C646NLWFAFT1G                                                                           | NVMFS5C646NLWFT1G                                                                                  |
| NVTF5C680NLWFTAG                                                                              | NVTF5C680NLWFTAG                                                                                   |
| NVMFS5C404NLWFAFT3G                                                                           | NVMFS5C404NLWFT3G                                                                                  |
| NVMFS5C404NWFAFT1G                                                                            | NVMFS5C404NWFT1G                                                                                   |
| NVMFS5C410NLWFAFT1G                                                                           | NVMFS5C410NLWFT1G                                                                                  |
| NVMFS5C410NLWFAFT3G                                                                           | NVMFS5C410NLWFT3G                                                                                  |
| NVMFS5C410NWFAFT1G                                                                            | NVMFS5C410NWFT1G                                                                                   |
| NVMFS5C426NWFAFT1G                                                                            | NVMFS5C426NWFT1G                                                                                   |
| NVMFS5C430NLWFAFT3G                                                                           | NVMFS5C430NLWFT1G                                                                                  |
| NVMFS5C430NWFAFT1G                                                                            | NVMFS5C430NWFT1G                                                                                   |
| NVMFS5C442NLWFAFT1G                                                                           | NVMFS5C442NLWFT1G                                                                                  |

|                             |                            |
|-----------------------------|----------------------------|
| NVMFS5C442NWFA <b>FT</b> 1G | NVMFS5C442NWFE <b>T</b> 1G |
| NVMFS5C442NWFA <b>FT</b> 3G | NVMFS5C442NWFE <b>T</b> 3G |

| Original OPNs<br>Fab: <b>Gresham 8-inch/ EFK 12-inch</b><br>Assembly: Seremban<br>Test: Seremban | New OPNs<br>Fab: <b>EFK 12-inch</b><br>Assembly: Seremban<br>Test: Seremban<br>Per <b>PB25983Z</b> |
|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| NVMFS4C03NWFT1G                                                                                  | NVMFS4C <b>3</b> 03NWFE <b>T</b> 1G                                                                |
| NVMFS4C05NWFT1G                                                                                  | NVMFS4C05NWFE <b>T</b> 1G                                                                          |

#### List of Affected Standard Parts:

**Note:** Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the **PCN Customized Portal**.

|                              |                              |                              |
|------------------------------|------------------------------|------------------------------|
| NVMFS5C442NWFA <b>FT</b> 3G  | NVMFS5C442NWFA <b>FT</b> 1G  | NVMFS5C442NLWFA <b>FT</b> 1G |
| NVMFS5C430NWFA <b>FT</b> 1G  | NVMFS5C430NLWFA <b>FT</b> 3G | NVMFS5C426NWFA <b>FT</b> 1G  |
| NVMFS5C410NWFA <b>FT</b> 1G  | NVMFS5C410NLWFA <b>FT</b> 3G | NVMFS5C410NLWFA <b>FT</b> 1G |
| NVMFS5C404NWFA <b>FT</b> 1G  | NVMFS5C404NLWFA <b>FT</b> 3G | NVTF5C680NLWF <b>TA</b> G    |
| NVMFS5C646NLWFA <b>FT</b> 1G | NVMFS5C468NLWFA <b>FT</b> 3G | NVMFS5C460NLWFA <b>FT</b> 3G |
| NVMFS5C460NLWFA <b>FT</b> 1G | NVMFS5C456NLWFA <b>FT</b> 1G | NVMFS5C450NWFA <b>FT</b> 3G  |
| NVMFS5C450NWFA <b>FT</b> 1G  | NVMFS4C03NW <b>FHT</b> 1G    | NVMFS4C05NW <b>FHT</b> 1G    |
| NVMFS4C302NW <b>FHT</b> 1G   | NVMFS5C423NLW <b>FHT</b> 1G  | NVMFS5C450NLW <b>FHT</b> 1G  |
| NVMFS5C450NW <b>FHT</b> 1G   | NVMFS5C450NW <b>FHT</b> 3G   | NVMFS5C456NLW <b>FHT</b> 1G  |
| NVMFS5C456NLW <b>FHT</b> 3G  | NVMFS5C460NLW <b>FHT</b> 1G  | NVMFS5C460NLW <b>FHT</b> 3G  |
| NVMFS5C468NLW <b>FHT</b> 3G  | NVMFS5C646NLW <b>FHT</b> 1G  | NVTF5C680NLW <b>FHTA</b> G   |
| NVMFS5C404NLW <b>FHT</b> 3G  | NVMFS5C404NW <b>FHT</b> 1G   | NVMFS5C410NLW <b>FHT</b> 1G  |
| NVMFS5C410NLW <b>FHT</b> 3G  | NVMFS5C410NW <b>FHT</b> 1G   | NVMFS5C426NW <b>FHT</b> 1G   |
| NVMFS5C430NLW <b>FHT</b> 1G  | NVMFS5C430NW <b>FHT</b> 1G   | NVMFS5C442NLW <b>FHT</b> 1G  |
| NVMFS5C442NW <b>FHT</b> 1G   | NVMFS5C442NW <b>FHT</b> 3G   | NVMFS4C302NW <b>FT</b> 1G    |
| NVMFS5C423NLWFA <b>FT</b> 1G | NVMFS5C450NLWFA <b>FT</b> 1G | NVMFS5C456NLWFA <b>FT</b> 3G |