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|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Title of Change:</b>        | 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>         | 05 Feb 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:**

onsemi would like to introduce new orderable part numbers at onsemi Seremban, Malaysia using 12-inch wafer from Global Foundries East Fishkill, US.

| Original OPNs<br>Fab: <b>Aizu 8-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> |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| NVMFS4C302NWF <b>T</b> 1G                                                        | NVMFS4C302NWF <b>ET</b> 1G                                                                         |
| NVMFS5C423NLWF <b>AFT</b> 1G                                                     | NVMFS5C423NLWF <b>ET</b> 1G                                                                        |
| NVMFS5C450NLWF <b>AFT</b> 1G                                                     | NVMFS5C450NLWF <b>ET</b> 1G                                                                        |
| NVMFS5C450NWF <b>AFT</b> 1G                                                      | NVMFS5C450NWF <b>ET</b> 1G                                                                         |
| NVMFS5C450NWF <b>AFT</b> 3G                                                      | NVMFS5C450NWF <b>ET</b> 3G                                                                         |
| NVMFS5C456NLWF <b>AFT</b> 1G                                                     | NVMFS5C456NLWF <b>ET</b> 1G                                                                        |
| NVMFS5C456NLWF <b>AFT</b> 3G                                                     | NVMFS5C456NLWF <b>ET</b> 3G                                                                        |
| NVMFS5C460NLWF <b>AFT</b> 1G                                                     | NVMFS5C460NLWF <b>ET</b> 1G                                                                        |
| NVMFS5C460NLWF <b>AFT</b> 3G                                                     | NVMFS5C460NLWF <b>ET</b> 3G                                                                        |
| NVMFS5C468NLWF <b>AFT</b> 3G                                                     | NVMFS5C468NLWF <b>ET</b> 3G                                                                        |
| NVMFS5C646NLWF <b>AFT</b> 1G                                                     | NVMFS5C646NLWF <b>ET</b> 1G                                                                        |
| NVTFS5C680NLWF <b>T</b> AG                                                       | NVTFS5C680NLWF <b>ET</b> AG                                                                        |
| NVMFS5C404NLWF <b>AFT</b> 3G                                                     | NVMFS5C404NLWF <b>ET</b> 3G                                                                        |
| NVMFS5C404NWF <b>AFT</b> 1G                                                      | NVMFS5C404NWF <b>ET</b> 1G                                                                         |
| NVMFS5C410NLWF <b>AFT</b> 1G                                                     | NVMFS5C410NLWF <b>ET</b> 1G                                                                        |
| NVMFS5C410NLWF <b>AFT</b> 3G                                                     | NVMFS5C410NLWF <b>ET</b> 3G                                                                        |
| NVMFS5C410NWF <b>AFT</b> 1G                                                      | NVMFS5C410NWF <b>ET</b> 1G                                                                         |
| NVMFS5C426NWF <b>AFT</b> 1G                                                      | NVMFS5C426NWF <b>ET</b> 1G                                                                         |
| NVMFS5C430NLWF <b>AFT</b> 3G                                                     | NVMFS5C430NLWF <b>ET</b> 1G                                                                        |
| NVMFS5C430NWF <b>AFT</b> 1G                                                      | NVMFS5C430NWF <b>ET</b> 1G                                                                         |
| NVMFS5C442NLWF <b>AFT</b> 1G                                                     | NVMFS5C442NLWF <b>ET</b> 1G                                                                        |
| NVMFS5C442NWF <b>AFT</b> 1G                                                      | NVMFS5C442NWF <b>ET</b> 1G                                                                         |
| NVMFS5C442NWF <b>AFT</b> 3G                                                      | NVMFS5C442NWF <b>ET</b> 3G                                                                         |

| Original OPNs<br>Fab: <b>Gresham 8-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> 03NWF <b>E</b> T1G                                                                |
| NVMFS4C05NWFT1G                                                                     | NVMFS4C05NWF <b>E</b> T1G                                                                          |

**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**.

|                      |                      |                      |
|----------------------|----------------------|----------------------|
| NVMFS5C442NWF AFT3G  | NVMFS5C442NWF AFT1G  | NVMFS5C442NLWF AFT1G |
| NVMFS5C430NWF AFT1G  | NVMFS5C430NLWF AFT3G | NVMFS5C426NWF AFT1G  |
| NVMFS5C410NWF AFT1G  | NVMFS5C410NLWF AFT3G | NVMFS5C410NLWF AFT1G |
| NVMFS5C404NWF AFT1G  | NVMFS5C404NLWF AFT3G | NVTF5C680NLWF TAG    |
| NVMFS5C646NLWF AFT1G | NVMFS5C468NLWF AFT3G | NVMFS5C460NLWF AFT3G |
| NVMFS5C460NLWF AFT1G | NVMFS5C456NLWF AFT3G | NVMFS5C456NLWF AFT1G |
| NVMFS5C450NWF AFT3G  | NVMFS5C450NWF AFT1G  | NVMFS5C450NLWF AFT1G |
| NVMFS5C423NLWF AFT1G | NVMFS4C302NWFT1G     | NVMFS5C442NWF HT3G   |
| NVMFS5C442NWF HT1G   | NVMFS5C442NLWF HT1G  | NVMFS5C430NWF HT1G   |
| NVMFS5C430NLWF HT1G  | NVMFS5C426NWF HT1G   | NVMFS5C410NWF HT1G   |
| NVMFS5C410NLWF HT3G  | NVMFS5C410NLWF HT1G  | NVMFS5C404NWF HT1G   |
| NVMFS5C404NLWF HT3G  | NVTF5C680NLWF HTAG   | NVMFS5C646NLWF HT1G  |
| NVMFS5C468NLWF HT3G  | NVMFS5C460NLWF HT3G  | NVMFS5C460NLWF HT1G  |
| NVMFS5C456NLWF HT3G  | NVMFS5C456NLWF HT1G  | NVMFS5C450NWF HT3G   |
| NVMFS5C450NWF HT1G   | NVMFS5C450NLWF HT1G  | NVMFS5C423NLWF HT1G  |
| NVMFS4C302NWF HT1G   | NVMFS4C05NWF HT1G    | NVMFS4C03NWF HT1G    |