| ESCC   |   |                       |        | DOCUMENT CHANGE REQUEST |   |  |  |  |  |
|--|---|-----------------------|--------|-------------------------|---|--|--|--|--|
| DCR number   | 1624  | Changes required for: | Genera | al                      | Originator: Steve Thacker                   |  |  |  |  |
| Date: 2024/03  | 3/04  | Date sent: 2024/01/22 | 2      |                         | Organisation: ESCC Executive<br>Secretariat |  |  |  |  |
| Status: IMPLEMENTED  |   |                       |        |                         |   |  |  |  |  |
| Title:   | DIODE, SILICON, SWITCHING BASED ON TYPE BAY6642 |                       |        |                         |   |  |  |  |  |
| Number:  | 5101/029  | Issue:                | 2      |                         |   |  |  |  |  |
| Other documents affected:  |   |                       |        |                         |   |  |  |  |  |
| 5103/030-9, 5205/028-2, 9108/020-5, 9204/024-5, 9304/008-3   |   |                       |        |                         |   |  |  |  |  |
| Page:  |   |                       |        |                         |   |  |  |  |  |
|  |   |                       |        |                         |   |  |  |  |  |
| Paragraph:   |   |                       |        |                         |   |  |  |  |  |
|  |   |                       |        |                         |   |  |  |  |  |
| Original wording:  |   |                       |        |                         |   |  |  |  |  |
|  |   |                       |        |                         |   |  |  |  |  |
| Proposed wordi   | ng:   |                       |        |                         |   |  |  |  |  |
|  |   |                       |        |                         |   |  |  |  |  |
| Justification:   |   |                       |        |                         |   |  |  |  |  |
| All the below listed Detail specifications are indicated by the various referenced EPPL's as being no longer supported by the applicable supporting Manufacturers:                         |   |                       |        |                         |   |  |  |  |  |
| ESCC ISSUE 47<br>ST / France, EPPL part 1, (ESCC QPL)<br>7 stage ripple carry binary counter/divider based on type 4024B has been removed due to product discontinuation 9204/024<br>(STM) |   |                       |        |                         |   |  |  |  |  |
| Infineon / Germany, EPPL part 1, (ESCC QPL)<br>N-Channel power transistor, based on type BUY10CS12J-01 has been removed due to product discontinuation. 5205/028<br>(Infineon)             |   |                       |        |                         |   |  |  |  |  |
| EPPL ISSUE 36 revA<br>Removed FPGA-based products AT40KEL040 made by Microchip (F) due to the announcement of their End Of Life.<br>9304/008 (Microchip)                                   |   |                       |        |                         |   |  |  |  |  |
| EPPL ISSUE 35<br>Removed BYV52-200, no longer qualified and affected by product termination notice 5103/030 (STM)  |   |                       |        |                         |   |  |  |  |  |
| Removed PWM Hybrid and associated note in agreement with the manufacturer 9108/020 (STM)   |   |                       |        |                         |   |  |  |  |  |
| EPPL ISSUE 32 revA   |   |                       |        |                         |   |  |  |  |  |

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| E  | <u>SC</u> | C                     | DOCUMENT                                    | CHANGE REQUEST            |  |  |  |  |
|--|-----------|-----------------------|---|---------------------------|--|--|--|--|
| DCR number   | 1624      | Changes required for: | General                                     | Originator: Steve Thacker |  |  |  |  |
| Date: 2024/03/04 Date sent: 2024/01/2                                  |           |                       | Organisation: ESCC Executive<br>Secretariat |                           |  |  |  |  |
| Status: IMPLEMENTED  |           |                       |   | Secretariat               |  |  |  |  |
| Removed BAY6642 as Qualification is not maintained 5101/029 (Infineon) |           |                       |   |                           |  |  |  |  |
| Attachments:   |           |                       |   |                           |  |  |  |  |
| N/A  |           |                       |   |                           |  |  |  |  |
| Modifications:   |           |                       |   |                           |  |  |  |  |
| N/A  |           |                       |   |                           |  |  |  |  |
| Approval signature:  |           |                       |   |                           |  |  |  |  |
|  |           |                       |   |                           |  |  |  |  |
| Date signed:   |           |                       |   |                           |  |  |  |  |
| 2024-03-04   |           |                       |   |                           |  |  |  |  |