



Product Change Notification Form (PCN)

FRM-000621 - Rev 2

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|--|---|-----------------------|--|--------------------|-----------|
| TRACKING # | PCN-000080 | TYPE OF CHANGE | Major | DATE OF PCN | 2024/1/12 |
| DESCRIPTION OF CHANGE | Gen5 chip fabrication manufacturing site transfer | | | | |
| DETAILS OF CHANGE Dear Customer: You are receiving this notification because of an upcoming 5M change for LEDs you have purchased in the past 24 months. <ul style="list-style-type: none">- The manufacturing of LED chips used in Luminus Gen5 products will be transferred from Xiamen, China to a nearby state-of-the-art factory in Nanan, China.- This change is strictly limited to chip wafer processing as there is no change in the product epitaxial structure and assembly (packaging) process.- Die are undergoing a 5M/1E change which triggers this PCN. | | | | | |
| REASON FOR CHANGE <ul style="list-style-type: none">- Bring the affected production line to the latest manufacturing standards: Automation (reduction of manual intervention), environment cleanliness, best practices in terms of logistics and materials management, improvement of controls and traceability.- Increase capacity to better support future demand. | | | | | |
| AFFECTED PRODUCT LIST (See appendix for full ordering part numbers list) | | | | | |
| CBM-25X-UV | | | CBM-160X-UV | | |
| CBM-50X-UV | | | SBT-10X-UV | | |
| ANTICIPATED IMPACT ON FORM FIT, FUNCTION, QUALITY OR RELIABILITY | | | | | |
| The change of manufacturing location has no impact on form, fit, function, reliability and quality. | | | | | |
| SCHEDULE | | | | | |
| Deliverable | | Status | | Result | |
| N/A | | | | | |
| DATE OF AVAILABILITY OF QUALIFICATION DATA | | | April 1, 2024 | | |
| DATE OF AVAILABILITY OF QUALIFICATION SAMPLES | | | Qualification samples are available upon request and should be requested within 30 days of this notice in order to be delivered before implementation. | | |
| METHOD OF IDENTIFYING CHANGED PRODUCT | | | Assembly lot information marked on packaging labels allows traceability to die wafer source for all products. For products assembled on serialized metal core-boards, traceability is possible at the device level. | | |
| PLACE LAST PURCHASE ORDER BY | | | Not applicable. | | |



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| DATE OF IMPLEMENTATION | Products affected by these changes start shipping on 6/1/2024 or earlier if approved by the customer. Due to normal manufacturing transition considerations, products from both sites might be shipping concurrently for an extended period of time. |
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| TO BE FILLED BY CUSTOMER | |
| Date of PCN Acknowledgement | |
| Name /Title | |
| Signature | |
| - Please acknowledge receipt of the PCN within 30 days of delivery of the PCN. | |
| - Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change. | |

Appendix : Affected Product List (Full ordering part numbers)

| AFFECTED PRODUCT LIST (Full ordering part numbers) | |
|--|----------------------------|
| CBM-25X-UV-Y31-CA380-21 | CBM-25X-UV-Y31-CB380-21 |
| CBM-25X-UV-Y31-CA380-22 | CBM-25X-UV-Y31-CB380-22 |
| CBM-25X-UV-Y31-CA385-21 | CBM-25X-UV-Y31-CB385-21 |
| CBM-25X-UV-Y31-CA400-21 | CBM-25X-UV-Y31-CB400-21 |
| CBM-25X-UV-Y31-CA400-22 | CBM-25X-UV-Y31-CB400-22 |
| CBM-25X-UV-Y31-CA405-21 | CBM-25X-UV-Y31-CB405-21 |
| | |
| CBM-50X-UV-Y31-DC365-21 | CBM-50X-UV-Y31-FA405-21 |
| CBM-50X-UV-Y31-DC365-22 | CBM-50X-UV-Y31-FB380-21 |
| CBM-50X-UV-Y31-FA380-21 | CBM-50X-UV-Y31-FB380-22 |
| CBM-50X-UV-Y31-FA380-22 | CBM-50X-UV-Y31-FB385-21 |
| CBM-50X-UV-Y31-FA385-21 | CBM-50X-UV-Y31-FB400-21 |
| CBM-50X-UV-Y31-FA400-21 | CBM-50X-UV-Y31-FB400-22 |
| CBM-50X-UV-Y31-FA400-22 | CBM-50X-UV-Y31-FB405-21 |
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| CBM-160X-UV-Y32-Q380-21 | CBM-160X-UV-Y32-Q400-21 |
| CBM-160X-UV-Y32-Q380-22 | CBM-160X-UV-Y32-Q400-22 |
| CBM-160X-UV-Y32-Q385-21 | CBM-160X-UV-Y32-Q405-21 |
| CBM-160X-UV-Y32-Q385-21-NW | CBM-160X-UV-Y32-Q405-21-NW |
| CBM-160X-UV-Y32-Q385-23 | |
| | SBT-10X-UV-A130-AG400-22 |
| SBT-10X-UV-A120-AH380-22 | SBT-10X-UV-A130-AG405-21 |
| SBT-10X-UV-A120-AH390-22 | SBT-10X-UV-A130-AH380-21 |
| SBT-10X-UV-A120-AH400-22 | SBT-10X-UV-A130-AH380-22 |
| SBT-10X-UV-A130-AD365-21 | SBT-10X-UV-A130-AH385-21 |
| SBT-10X-UV-A130-AD365-22 | SBT-10X-UV-A130-AH390-21 |



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| SBT-10X-UV-A130-AD370-21 | SBT-10X-UV-A130-AH390-22 |
| SBT-10X-UV-A130-AG400-21 | SBT-10X-UV-A130-AH395-21 |