



Product Change Notification Form (PCN)

FRM-000621 - Rev 2

TRACKING #	PCN-000063b	TYPE OF CHANGE	Major	DATE OF PCN	June 9, 2023
DESCRIPTION OF CHANGE	GaN wafer fabrication manufacturing site transfer				
DETAILS OF CHANGE					
Dear Customer:					
You are receiving this notification because of an upcoming 5M change for the LEDs you have purchased in the past 24 months.					
- The manufacturing (wafer fabrication) of LED chips used in Luminus GaN products (Blue, UV, White, Green, Phosphor Converted colors) 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.					
REASON FOR CHANGE					
- 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)					
PT-39-B-L21		CBT-90-W65S-C11			
PT-39-G-L51		CBT-90-W57S-C11			
CBT-90-UV-L11		SBT(R)-90-WDS-F72			
CBT-90-B-L11		SBT(R)-90-W57S-F71			
CBT-90-CG-L11		CBT-140-WCS-L16			
CFT-90-CG-L11		CBT-140-WDH-L16			
CBT-90-G-L11					
PT-121-G-L11					
PT-121-B-L11					



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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		Sept 11, 2023
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.
DATE OF IMPLEMENTATION		Products affected by these changes might start shipping on November 30, 2023 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.

TO BE FILLED BY CUSTOMER	
Date of PCN Acknowledgement	
Name /Title	
Signature	
- Please acknowledge receipt of the PCN within 30 days of delivery of this PCN. - Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change.	



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Appendix: Affected Product List (Full Ordering part numbers)

AFFECTED PRODUCT LIST (Full Order part numbers)	
CBT-90-W65S-C11-CP01LT	CBT-90-W65S-C11-NB110
CBT-90-W65S-C11-CP02EX	CBT-90-W65S-C11-NB113
CBT-90-W65S-C11-NA100	CBT-90-W65S-C11-NB116
CBT-90-W65S-C11-NA100S	CBT-90-W65S-C11-NB118
CBT-90-W65S-C11-NA101	CBT-90-W65S-C11-NB552
CBT-90-W65S-C11-NA102	CBT-90-W65S-C11-PA100
CBT-90-W65S-C11-NA102B	CBT-90-W65S-C11-PA101
CBT-90-W65S-C11-NA102S	CBT-90-W65S-C11-PA102
CBT-90-W65S-C11-NA105	CBT-90-W65S-C11-PA105
CBT-90-W65S-C11-NA107	CBT-90-W65S-C11-PA106
CBT-90-W65S-C11-NA108	CBT-90-W65S-C11-PA107
CBT-90-W65S-C11-NA109	CBT-90-W65S-C11-PA550
CBT-90-W65S-C11-NA110	CBT-90-W65S-C11-PA555
CBT-90-W65S-C11-NA113	CBT-90-W65S-C11-QA102
CBT-90-W65S-C11-NA116	CBT-90-W65S-C11-QA550
CBT-90-W65S-C11-NA118	CBT-90-W57S-C11-NA200
CBT-90-W65S-C11-NB100	CBT-90-W57S-C11-NA201
CBT-90-W65S-C11-NB101	CBT-90-W57S-C11-NA208
CBT-90-W65S-C11-NB101S	CBT-90-W57S-C11-NB200
CBT-90-W65S-C11-NB102	CBT-90-W57S-C11-NB201
CBT-90-W65S-C11-NB102S	CBT-90-W57S-C11-NB208
CBT-90-W65S-C11-NB105	CBT-90-W57S-C11-PA200
CBT-90-W65S-C11-NB106	CBT-90-W57S-C11-PA201
CBT-90-W65S-C11-NB107	CBT-140-WCS-L16-TB120
CBT-140-WCS-L16-TB121	CBT-140-WDH-L16-CP01LT
CBT-140-WCS-L16-TB122	CBT-140-WDH-L16-CP01SG



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CBT-140-WCS-L16-TB123	CBT-140-WDH-L16-QA220
CBT-140-WCS-L16-UA120	CBT-140-WDH-L16-QB220
CBT-140-WCS-L16-UA120S	CBT-140-WDH-L16-RB220
CBT-140-WCS-L16-UA121	CBT-140-WDH-L16-RB225
CBT-140-WCS-L16-UA122	CBT-140-WDH-L16-SA220
CBT-140-WCS-L16-UA122L	CBT-140-WDH-L16-SB220
CBT-140-WCS-L16-UA122S	CFT-90-CG-L11-CP02EX
CBT-140-WCS-L16-UA123	CFT-90-CG-L11-G100
CBT-140-WCS-L16-UB120	CFT-90-CG-L11-G200
CBT-140-WCS-L16-UB121	CFT-90-CG-L11-G300
CBT-140-WCS-L16-UB122	CBT-90-B-L11-CP02EX
CBT-140-WCS-L16-UB122L	CBT-90-B-L11-G100
CBT-140-WCS-L16-UB122S	CBT-90-B-L11-G101
CBT-140-WCS-L16-UB123	CBT-90-B-L11-G101S
CBT-140-WCS-L16-VA120	CBT-90-B-L11-H100
CBT-140-WCS-L16-VA121	CBT-90-B-L11-H101
CBT-140-WCS-L16-VA122	CBT-90-B-L11-H101B
CBT-140-WCS-L16-VA123	CBT-90-B-L11-J100
CBT-140-WCS-L16-VB120	CBT-90-B-L11-J101
CBT-140-WCS-L16-VB121	CBT-90-B-L11-J102
CBT-140-WCS-L16-VB122	CBT-90-B-L11-J106
CBT-140-WCS-L16-VB123	CBT-90-B-L11-J2105
CBT-140-WDH-L16-QB220S	CBT-90-B-L11-K100
CBT-140-WDH-L16-RA220	CBT-90-B-L11-K101
CBT-90-B-L11-K102	PT-121-B-L11-EPH
CBT-90-B-L11-K105	PT-121-B-L11-EPH101
CBT-90-B-L11-K501	PT-121-B-L11-EPH102
PT-121-G-L11-MPJ	PT-121-B-L11-EPH103



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PT-121-G-L11-MPK	PT-39-B-L21-EPD
PT-121-G-L11-MPL	PT-39-B-L21-EPE
PT-121-G-L11-MPM	PT-39-B-L21-EPF
PT-121-G-L11-MPN	CBT-90-G-L11-CM100-R2
PT-121-G-L11-MPP	CBT-90-G-L11-CM101-R2
PT-121-G-L11-MPQ	CBT-90-G-L11-CM102-R2
PT-121-B-L11-CPF102	CBT-90-G-L11-CM102S-R2
PT-121-B-L11-EPD	PT-39-G-L51-CD100-R2
PT-121-B-L11-EPD101	PT-39-G-L51-CD101-R2
PT-121-B-L11-EPD102	SBT-90-WDS-F72-RB600
PT-121-B-L11-EPD103	SBT-90-WDS-F72-SA600
PT-121-B-L11-EPE	SBT-90-WDS-F72-SB600
PT-121-B-L11-EPE101	SBR-90-W57S-R71-NA200
PT-121-B-L11-EPE102	SBR-90-W57S-R71-NA201
PT-121-B-L11-EPE103	SBR-90-W57S-R71-NB200
PT-121-B-L11-EPF	SBR-90-W57S-R71-NB201
PT-121-B-L11-EPF101	SBR-90-W57S-R71-NB202
PT-121-B-L11-EPF102	CBT-90-CG-L11-A100
PT-121-B-L11-EPF103	CBT-90-CG-L11-B100
PT-121-B-L11-EPFB	CBT-90-CG-L11-C100
PT-121-B-L11-EPG	
PT-121-B-L11-EPG101	
PT-121-B-L11-EPG102	
PT-121-B-L11-EPG103B	
CBT-90-UV-L11-L400-22	
CBT-90-UV-L11-M400-22	
CBT-90-UV-L11-N400-21	
CBT-90-UV-L11-N400-22	



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CBT-90-UV-L11-N400-42	
CBT-90-UV-L11-N405-21	
CBT-90-UV-L11-N410-21	
CBT-90-UV-L11-N410-22	
CBT-90-UV-L11-N410-42	
CBT-90-UV-L11-N410-42B	
CBT-90-UV-L11-N415-21	
CBT-90-UV-L11-P400-21	
CBT-90-UV-L11-P400-22	
CBT-90-UV-L11-P405-21	
CBT-90-UV-L11-P410-21	
CBT-90-UV-L11-P410-22	
CBT-90-UV-L11-P415-21	
CBT-90-UV-L11-Q400-21	
CBT-90-UV-L11-Q400-22	
CBT-90-UV-L11-Q410-22	
SBT-90-W57S-F71-NA200	
SBT-90-W57S-F71-NA201	
SBT-90-W57S-F71-NB200	
SBT-90-W57S-F71-NB201	
SBT-90-W57S-F71-NB202	
SBT-90-W57S-F71-QA602	
SBT-90-WDS-F72-CP01TC	