

Product /Process Change Notification

PCN-20210168

Effective date: Mar. 1st, 2022

Description of Change:

Lite-On will be introducing additional dice materials for chip LED since of the long lead time of original dices. The affected part numbers are shown as below.

Reason of Change:

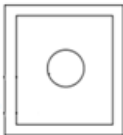

In an attempt to mitigate any potential risk to supply continuity, Lite-On has proactively identified alternative bill of materials to improve upon its current sources. The alternative dices have been qualified in Lite-On materials pool.

Affected part numbers:

LTST-C150YKT	LTST-C190AKT	LTST-C191YKT-F	LTST-S320GKT
LTST-C170AKT	LTST-C190AKT	LTST-C155GAKT	LTST-S326GEKT
LTST-C170GKT	LTST-C190GKT	LTST-C197GEKT-F	LTST-S326YGKT-F
LTST-C170GKT-SS	LTST-C190GKT-DE	LTST-C197PGYKT-F	LTST-S326YGKT-T
LTST-C171AKT	LTST-C190YKT	LTST-S110AKT	
LTST-C171GKT-T	LTST-C191GKT	LTST-S117GYKT	

Effect of Change:

1. Dice:

Original	New
GaAsP / GaP	AllnGaP
	

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2. Optical and electrical characteristics:

PN	Iv (mcd)				HUE (nm)			
	Original		New		Original		New	
	min	max	min	max	min	max	min	max
LTST-C190YKT	-	-	-	-	578	592	584	595
LTST-C197GEKT-F	-	-	-	-	567	571	564	574
LTST-C197PGYKT-F	-	-	-	-	581	590	584	595
LTST-S326YGKT-F	-	-	-	-	566	573	566	576

Reliability data:

Lite-On’s existing internal qualification process has implemented for the alternative material to ensure the devices meet and exceed Lite-On’s quality and reliability requirements.

Effective Date of Change:

New dices will be used from Mar. 1st, 2022.

Response date:

This PCN is considered approved, without further notification, unless we receive specific customer concerns within 1 month after the PCN issuance date.

Issued by:

LITEON OPS
SMD LOB
Sept. 1st, 2021

P/N (NCNR)	Alternative P/N
LTST-C150YKT	LTST-C150KYKT
LTST-C190AKT	LTST-C150KFKT
LTST-C191YKT-F	Contact LITEON Sales Representative
LTST-S320GKT	LTST-S320KGKT
LTST-C170AKT	LTST-C170KFKT
LTST-C190AKT	LTST-C190KFKT
LTST-C155GAKT	LTST-C155KGKFKT
LTST-S326GEKT	LTST-S326KEKGKTINV
LTST-C170GKT	LTST-C170KGKT
LTST-C190GKT	LTST-C190KGKT
LTST-C197GEKT-F	Contact LITEON Sales Representative
LTST-S326YGKT-F	Contact LITEON Sales Representative
LTST-C170GKT-SS	Contact LITEON Sales Representative
LTST-C190GKT-DE	Contact LITEON Sales Representative
LTST-C197PGYKT-F	Contact LITEON Sales Representative
LTST-S326YGKT-T	Contact LITEON Sales Representative
LTST-C171AKT	LTST-C171KFKT
LTST-C190YKT	LTST-C190KYKT
LTST-S110AKT	LTST-S110KFKT
LTST-C171GKT-T	Contact LITEON Sales Representative
LTST-C191GKT	LTST-C191KGKT
LTST-S117GYKT	Contact LITEON Sales Representative