

Product /Process Change Notification

PCN number: PCN-20180087

Effective date: Apr 1st, 2019

Description of Change:

Lite-On would like to change packaging for all SMD Chip LED. Dimensions of inner box and outer carton, color of the reel, and taping quantity per reel will be changed. The affected specification are listed as below.

Reason of change:

Continue logistics & shipments improvement.



Affected part numbers:

SMD Chip LED products

Effect of Change:

1. Color of Reel:

Unify all reels to be white color.

Original	New
Black	White
	
<p align="center">Reel dimension is kept the same without change</p>	

*Note 1: PNs using black reels currently are listed in the Appendix 1.



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2. Packing Quantity of the Reel:

(2.1) Change 3k to 4k

Series	Original Q'ty/reel (pcs)	New Q'ty/reel (pcs)
C19B	3k	4k
C19D	3k	4k
C19H	3k	4k
C19J	3k	4k
C29J	3k	4k
C19M	3k	4k
S33F	3k	4k
S43F	3k	4k

(2.1) Change 3k to 5k

Series	Original Q'ty/reel (pcs)	New Q'ty/reel (pcs)
C19K	3k	5k
C19G	3k	5k
C281	3k	5k
C283	3k	5k

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3. Dimension of Inner Box:

Increase box size for packing more sealed bags.



Original (Unit: mm)				New (Unit: mm)			
Qty.	Length	Width	Height	Qty.	Length	Width	Height
3 bags	230	200	55	5 bags	247	235	70
							

*Note 2: Exception is listed in the Appendix 2.

4. Dimension of Outer Carton:

Carton size is increased due to bigger boxes.

(4.1) Large-sized carton:

Original (Unit: mm)				New (Unit: mm)			
Qty.	Length	Width	Height	Qty.	Length	Width	Height
10 boxes	425	300	260	8 boxes	485	305	260
							

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(4.2) Small-sized carton:

Original (Unit: mm)				New (Unit: mm)			
Qty.	Length	Width	Height	Qty.	Length	Width	Height
5 boxes	290	215	260	4 boxes	305	248	260
							

*Note 3: Carton change is for all SMD Chip LED products.

Effective Date of Change:

These changes will be effective from Apr. 1st, 2019.

Response date:

This PCN is considered approved without further notification, unless we receive specific customer concerns within 3 months after the PCN issuance date.

Issued by:

Lite-On OPS, SMD LoB, 2018/09

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Appendix 1

***Note 1:**

ChipLED products are using both black and white reels at present. We'd like to change all to be the white reel. PNs of black reel are as below.

LTSN-B28JBGEW	LTSN-E263HEGBK	LTW-170ZDC5	LTW-270TLA-LT	LTW-481DS5
LTSN-B28JBGEW_1	LTST-B28JEGBB-5A	LTW-170ZDC5-KU	LTW-270TLA-TC	LTW-482DCA-FN
LTSN-B28JBGEW_2	LTST-B32JEGBB6-LT1	LTW-170ZDL5-QD	LTW-270US5	LTW-482DS2-HW
LTSN-B28JBGEW_3	LTST-B32JEGBK-LT	LTW-170ZDS2	LTW-272US5	LTW-482DS5
LTSN-B28JEGBB	LTST-B32JEGBK-LT1	LTW-193ZDS5-AK	LTW-295DCKF-C	LTW-482DS5-HW
LTSN-B28JEGBB-GU	LTST-C296KFTBKT-5A	LTW-1951ZDCKF-CH	LTW-295DCKF-C2	LTW-482DS5-L
LTSN-B28JEGBB-VR	LTST-C296KRKGKT-5A	LTW-1951ZDCKF-DF	LTW-295DCKS-PE	LTW-9301ZDS5-GE
LTSN-B28JEGBW	LTST-C296KRTBKT-5A	LTW-1951ZDCKF-KJ	LTW-295DSKS-5A	LTW-9501ZDS5-WH
LTSN-B28JEGBW-VR	LTST-C296KRTGKT-5A	LTW-1951ZDCKF-NB	LTW-320ZDS5-Q	LTW-C150DC-QD
LTSN-B28JBGEW-YT	LTST-C32JBGEW-AP	LTW-195ZDAKS-Q	LTW-326DAKS-5A	LTW-C150DS
LTSN-B32JEGBB	LTST-C32JEGBK-Q	LTW-196ZDCKF-KJ	LTW-326DCKS-PE	LTW-C150DS5-INV
LTSN-B32JEGBB-LY	LTW-110DC5-C	LTW-196ZDCKF-NB	LTW-326DSKF-5A	LTW-C170DC5-Q
LTSN-B32JEGBB-SS	LTW-110DC5-PE	LTW-216TS5	LTW-326DSKF-INV	LTW-C170DK-CSA
LTSN-B32JEGBB6	LTW-110DC5-Q	LTW-216TS5-GA	LTW-326DSKS-5A	LTW-C170US-HH
LTSN-B32JEGBB6-LT	LTW-110TLA	LTW-216TS5-PE	LTW-326DSKS-INV	LTW-C170US2
LTSN-B32JEGBB6-PA	LTW-110TLA-TH	LTW-21TS5	LTW-326KFDC-C	LTW-C171DC5-IM
LTSN-B32JEGBK	LTW-110TS5	LTW-21TS5-DL	LTW-326UCKF-5A	LTW-C192TI5
LTSN-B66JEGBB	LTW-110UC5	LTW-220DS5	LTW-326UCKF-FN	LTW-C192TL2
LTSN-B685KETBBT	LTW-110ZDS5	LTW-220DS5-PE	LTW-326UCKS-5A	LTW-C192TL5
LTSN-B685TGKEBT	LTW-150TC-SC	LTW-230ZDC-FN	LTW-326ZDSKF-Q	LTW-C192TL5-AS
LTSN-B685TGTBBT	LTW-150TK	LTW-230ZDC5-FN	LTW-326ZDSKG-5A	LTW-C192TL5-B
LTSN-B68JEGBB	LTW-150ZDS	LTW-230ZDC5-LG	LTW-326ZDSKR-5A	LTW-C192TS5
LTSN-B68JEGBB6	LTW-150ZDS2-FN	LTW-230ZDS5	LTW-326ZDSKR-Q	LTW-C193DA5-NH
LTSN-B76DEGBB	LTW-150ZDS5	LTW-230ZDS5-WH	LTW-327DSKF-5A	LTW-C1951DCKR-PE
LTSN-B76DEGBB6	LTW-150ZDS5-KU	LTW-270DL-SA	LTW-327ZDSKG-5A	LTW-C195DAKS-HP
LTSN-B76JEGBW-SG	LTW-170TK	LTW-270DS5	LTW-327ZDSKS-5A	LTW-C195DCKF-FN

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LTSN-C170DS-IF	LTW-170ZDC	LTW-270TLA	LTW-480DSB	LTW-C195DCKF-HP
LTW-C195DCKF-Q	LTW-C230DC	LTW-C281DS2-HW	LTW-C295DCKF-Q	LTW-S272TLA
LTW-C195DCKG-HC	LTW-C230DC-Q	LTW-C281DS5	LTW-C295UCKF-HM	LTW-S272TLA-SV
LTW-C195DCKR-5A	LTW-C230DS	LTW-C281DS5-AK	LTW-C295USKF-HM	LTW-S273DC2
LTW-C195DSKF-5A	LTW-C230DS-PA	LTW-C281DS5-AP	LTW-C2964KFDC-CH	LTW-S321DC-INV
LTW-C195DSKF-AS	LTW-C230DS-PH	LTW-C281DS5-CS	LTW-C2964KFDC-SN	LTW-S321DS5-INV
LTW-C195DSKF-AS1	LTW-C230DS2	LTW-C281DS5-JA	LTW-C296KFDC-CH	LTW-S321ZDS5-CS
LTW-C195DSKF-LC	LTW-C230UC2	LTW-C281DS5-ND	LTW-C296KRDC-5A	LTW-S321ZDS5-PE
LTW-C195DSKF-LT	LTW-C230UC5	LTW-C281DS5-PA	LTW-C930DS5-WH	LTW-S321ZDS5-Q
LTW-C195DSKF-PE	LTW-C231DS	LTW-C281DS5-TH	LTW-S110DC2-C	LTW-S322DS5
LTW-C195DSKF-PH	LTW-C231DS-SS	LTW-C281DS5-U	LTW-S110DC5-Q	LTW-S322ZDS5-PE
LTW-C195DSKF-PH1	LTW-C235DCKF-5A	LTW-C281DSA-WN	LTW-S110TS5-KU	LTW-S323ZDS5-Q
LTW-C195DSKF-PH2	LTW-C235DCKF-Q	LTW-C281US5-ND1	LTW-S111TLA	LTW-S323ZDS5-Q1
LTW-C195DSKS-5A	LTW-C235DCKG-INV	LTW-C281US5-Z	LTW-S111TS2	LTW-S326DCKS-C
LTW-C195UCKF-5A	LTW-C235DCKR-INV	LTW-C282DS5	LTW-S115KFDS-5A	LTW-S326DSKR
LTW-C195UCKS-5A	LTW-C235DCTG-INV	LTW-C282DS5-SE	LTW-S115KFDS-AS	LTW-S326RDSKR-WN
LTW-C196DCKF-SN	LTW-C235DSKF-5A	LTW-C283DC3-PX	LTW-S115KFDS-C	LTW-S482DS2-OP
LTW-C19BZDS2-NB	LTW-C235DSKS-5A	LTW-C283DS5	LTW-S115KFDS-C1	LTW-S482DS5-B
LTW-C19CZDS2-NB	LTW-C235UCKF-5A	LTW-C283DS5-AP	LTW-S115KFDS-FN	LTW-S482DS5-CT
LTW-C19DZDC5-AS	LTW-C235UCKS-5A	LTW-C283DS5-AP1	LTW-S115KSDS-5A	LTW-S482DS5-GR
LTW-C19DZDS5-CH	LTW-C237DS	LTW-C283DS5-BO	LTW-S116KRDC-WN	LTW-S482DS5-ND1
LTW-C19DZDS5-DF	LTW-C250DA2-RR	LTW-C283DS5-FW	LTW-S117DSKR-F1	LTW-S482DS5-YP
LTW-C19DZDS5-NB	LTW-C250DC5	LTW-C283DS5-HG	LTW-S221DC5-FN	LTW-S840DS5-NK
LTW-C19DZDS5-PX	LTW-C250DS-F	LTW-C283DS5-MS	LTW-S221DS	LTW-S850DC5-AP
LTW-C19DZDS5-SN	LTW-C255DCKF-5A	LTW-C283DS5-PX	LTW-S221DS-FN	LTW-S850DC5-AP1
LTW-C216DS5-LB	LTW-C255DCKS-5A	LTW-C283DS5-SWA	LTW-S222DS5	LTW-S850DC5-AP2
LTW-C21DS5-WN	LTW-C255VEDS-F	LTW-C295DCKF-F	LTW-S270DC-C	LTW-S850DC5-AP3
LTW-C21RTS5-DL	LTW-C281DC2-CN	LTW-C295DCKF-HM	LTW-S270DC2	LTW-S850DC5-AP5

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Appendix 2

***Note 2:**

The change impacts on ChipLED using 7" reel, but 13" reel is an exception.

PNs of 13" reel to be excluded are as below.

LTST-C150KEKT-TY	LTST-C1912KGKT-S2	LTST-C21KGKT-S2
LTST-C150KSKT-BN	LTST-C1912KRKTDIL1	LTST-C21KGKT-W
LTST-C150KSKT-BN1	LTST-C1912KSKT-S2	LTST-C21KRKT-S
LTST-C150KSKT-TY	LTST-C1912KSKTDIL1	LTST-C21KRKT-S2
LTST-C150TBKT-BN	LTST-C1912KSKTDIL2	LTST-C21KSKT-S
LTST-C150TGKT-TY	LTST-C191KFKT-DL	LTST-C21KSKT-S2
LTST-C170GKT-BN	LTST-C191KGKT-BT1	LTST-C21TBKT-S
LTST-C170KGKT-BN	LTST-C191KRKT-BT1	LTST-C281KGKT-BN
LTST-C170KRKT-BN	LTST-C191KRKT-CO	LTST-C281KRKT-BN
LTST-C170UBKT-BN	LTST-C191KRKT-EG	LTST-C281NEKT-BN
LTST-C190GKT-EL1	LTST-C191KSKT-BT3	LTST-C930KGKT-ST
LTST-C190GKT-TC	LTST-C191NRKT-BS1	LTST-C930KRKT-ST
LTST-C190KFKT-F	LTST-C193KFWT-PH2	LTST-C930KSKT-ST
LTST-C190KGKT-R	LTST-C193KGWT-PH2	LTW-C150DS5-TY
LTST-C190KRKT-DIL	LTST-C193KRWT-PH2	LTW-C150DS5-TY1
LTST-C190KRKT-ES	LTST-C193KSWT-PH2	LTW-C191DS-BH1
LTST-C190KRKT-HK	LTST-C193TBWT-PH2	LTW-C191TS5-DIL
LTST-C190KRKT-S1	LTST-C195KGJRWTPH2	LTW-C193TS5-PH2
LTST-C190KSKT-S1	LTST-C19AQSKT-P	LTW-C193TS5-PH3
LTST-C190KSKT-ST	LTST-C19FD4WT-BN	LTW-C281DS5-BN
LTST-C1912KEKT-S2	LTST-C21JBKT-5A	LTW-C281DS5-OC

AFFECTED MPN

LTSN-B28JBGEW
LTSN-B28JBGEW_1
LTSN-B28JBGEW_2
LTSN-B28JBGEW_3
LTSN-B28JEGBB
LTSN-B28JEGBB-GU
LTSN-B28JEGBB-VR
LTSN-B28JEGBW
LTSN-B28JEGBW-VR
LTSN-B28JGBEW-YT
LTSN-B32JEGBB
LTSN-B32JEGBB-LY
LTSN-B32JEGBB-SS
LTSN-B32JEGBB6
LTSN-B32JEGBB6-LT
LTSN-B32JEGBB6-PA
LTSN-B32JEGBK
LTSN-B66JEGBB
LTSN-B685KETBBT
LTSN-B685TGKEBT
LTSN-B685TGTBBT
LTSN-B68JEGBB
LTSN-B68JEGBB6
LTSN-B76DEGBB
LTSN-B76DEGBB6
LTSN-B76JEGBW-SG
LTSN-E263HEGBK
LTST-B28JEGBB-5A
LTST-B32JEGBB6-LT1
LTST-B32JEGBK-LT
LTST-B32JEGBK-LT1
LTST-C296KFTBKT-5A
LTST-C296KRKGKT-5A
LTST-C296KRTBKT-5A
LTST-C296KRTGKT-5A
LTST-C32JBGEW-AP
LTST-C32JEGBK-Q
LTW-110DC5-C
LTW-110DC5-PE
LTW-110DC5-Q
LTW-110TLA
LTW-110TLA-TH
LTW-110TS5
LTW-110UC5
LTW-110ZDS5

AFFECTED MPN

LTW-150TC-SC
LTW-150TK
LTW-150ZDS
LTW-150ZDS2-FN
LTW-150ZDS5
LTW-150ZDS5-KU
LTW-170TK
LTW-170ZDC5
LTW-170ZDC5-KU
LTW-170ZDL5-QD
LTW-170ZDS2
LTW-193ZDS5-AK
LTW-1951ZDCKF-CH
LTW-1951ZDCKF-DF
LTW-1951ZDCKF-KJ
LTW-1951ZDCKF-NB
LTW-195ZDAKS-Q
LTW-196ZDCKF-KJ
LTW-196ZDCKF-NB
LTW-216TS5
LTW-216TS5-GA
LTW-216TS5-PE
LTW-21TS5
LTW-21TS5-DL
LTW-220DS5
LTW-220DS5-PE
LTW-230ZDC-FN
LTW-230ZDC5-FN
LTW-230ZDC5-LG
LTW-230ZDS5
LTW-230ZDS5-WH
LTW-270DL-SA
LTW-270DS5
LTW-270TLA-LT
LTW-270TLA-TC
LTW-270US5
LTW-272US5
LTW-295DCKF-C
LTW-295DCKF-C2
LTW-295DCKS-PE
LTW-295DSKS-5A
LTW-320ZDS5-Q
LTW-326DAKS-5A
LTW-326DCKS-PE
LTW-326DSKF-5A

AFFECTED MPN

LTW-326DSKF-INV
LTW-326DSKS-5A
LTW-326DSKS-INV
LTW-326KFDC-C
LTW-326UCKF-5A
LTW-326UCKF-FN
LTW-326UCKS-5A
LTW-326ZDSKF-Q
LTW-326ZDSKG-5A
LTW-326ZDSKR-5A
LTW-326ZDSKR-Q
LTW-327DSKF-5A
LTW-327ZDSKG-5A
LTW-327ZDSKS-5A
LTW-481DS5
LTW-482DCA-FN
LTW-482DS2-HW
LTW-482DS5
LTW-482DS5-HW
LTW-482DS5-L
LTW-9301ZDS5-GE
LTW-9501ZDS5-WH
LTW-C150DC-QD
LTW-C150DS
LTW-C150DS5-INV
LTW-C170DC5-Q
LTW-C170DK-CSA
LTW-C170US-HH
LTW-C170US2
LTW-C171DC5-IM
LTW-C192TI5
LTW-C192TL2
LTW-C192TL5
LTW-C192TL5-AS
LTW-C192TL5-B
LTW-C192TS5
LTW-C193DA5-NH
LTW-C1951DCKR-PE
LTW-C195DAKS-HP
LTW-C195DCKF-FN
LTSN-C170DS-IF
LTW-C195DCKF-Q
LTW-C195DCKG-HC
LTW-C195DCKR-5A
LTW-C195DSKF-5A

AFFECTED MPN

LTW-C195DSKF-AS
LTW-C195DSKF-AS1
LTW-C195DSKF-LC
LTW-C195DSKF-LT
LTW-C195DSKF-PE
LTW-C195DSKF-PH
LTW-C195DSKF-PH1
LTW-C195DSKF-PH2
LTW-C195DSKS-5A
LTW-C195UCKF-5A
LTW-C195UCKS-5A
LTW-C196DCKF-SN
LTW-C19BZDS2-NB
LTW-C19CZDS2-NB
LTW-C19DZDC5-AS
LTW-C19DZDS5-CH
LTW-C19DZDS5-DF
LTW-C19DZDS5-NB
LTW-C19DZDS5-PX
LTW-C19DZDS5-SN
LTW-C216DS5-LB
LTW-C21DS5-WN
LTW-C21RTS5-DL
LTW-170ZDC
LTW-C230DC
LTW-C230DC-Q
LTW-C230DS
LTW-C230DS-PA
LTW-C230DS-PH
LTW-C230DS2
LTW-C230UC2
LTW-C230UC5
LTW-C231DS
LTW-C231DS-SS
LTW-C235DCKF-5A
LTW-C235DCKF-Q
LTW-C235DCKG-INV
LTW-C235DCKR-INV
LTW-C235DCTG-INV
LTW-C235DSKF-5A
LTW-C235DSKS-5A
LTW-C235UCKF-5A
LTW-C235UCKS-5A
LTW-C237DS
LTW-C250DA2-RR

AFFECTED MPN

LTW-C250DC5
LTW-C250DS-F
LTW-C255DCKF-5A
LTW-C255DCKS-5A
LTW-C255VEDS-F
LTW-C281DC2-CN
LTW-270TLA
LTW-C281DS2-HW
LTW-C281DS5
LTW-C281DS5-AK
LTW-C281DS5-AP
LTW-C281DS5-CS
LTW-C281DS5-JA
LTW-C281DS5-ND
LTW-C281DS5-PA
LTW-C281DS5-TH
LTW-C281DS5-U
LTW-C281DSA-WN
LTW-C281US5-ND1
LTW-C281US5-Z
LTW-C282DS5
LTW-C282DS5-SE
LTW-C283DC3-PX
LTW-C283DS5
LTW-C283DS5-AP
LTW-C283DS5-AP1
LTW-C283DS5-BO
LTW-C283DS5-FW
LTW-C283DS5-HG
LTW-C283DS5-MS
LTW-C283DS5-PX
LTW-C283DS5-SWA
LTW-C295DCKF-F
LTW-C295DCKF-HM
LTW-480DSB
LTW-C295DCKF-Q
LTW-C295UCKF-HM
LTW-C295USKF-HM
LTW-C2964KFDC-CH
LTW-C2964KFDC-SN
LTW-C296KFDC-CH
LTW-C296KRDC-5A
LTW-C930DS5-WH
LTW-S110DC2-C
LTW-S110DC5-Q

AFFECTED MPN

LTW-S110TS5-KU
LTW-S111TLA
LTW-S111TS2
LTW-S115KFDS-5A
LTW-S115KFDS-AS
LTW-S115KFDS-C
LTW-S115KFDS-C1
LTW-S115KFDS-FN
LTW-S115KSDS-5A
LTW-S116KRDC-WN
LTW-S117DSKR-F1
LTW-S221DC5-FN
LTW-S221DS
LTW-S221DS-FN
LTW-S222DS5
LTW-S270DC-C
LTW-S270DC2
LTW-C195DCKF-HP
LTW-S272TLA
LTW-S272TLA-SV
LTW-S273DC2
LTW-S321DC-INV
LTW-S321DS5-INV
LTW-S321ZDS5-CS
LTW-S321ZDS5-PE
LTW-S321ZDS5-Q
LTW-S322DS5
LTW-S322ZDS5-PE
LTW-S323ZDS5-Q
LTW-S323ZDS5-Q1
LTW-S326DCKS-C
LTW-S326DSKR
LTW-S326RDSKR-WN
LTW-S482DS2-OP
LTW-S482DS5-B
LTW-S482DS5-CT
LTW-S482DS5-GR
LTW-S482DS5-ND1
LTW-S482DS5-YP
LTW-S840DS5-NK
LTW-S850DC5-AP
LTW-S850DC5-AP1
LTW-S850DC5-AP2
LTW-S850DC5-AP3
LTW-S850DC5-AP5

AFFECTED MPN

LTST-C19HE1WT

LTST-C19HRGYW

LTST-C19JZEGB2K-HT

LTST-C19GD2WT-G

LTST-C19GD2WT

LTST-C281KGKT

LTST-C281TBKT-5A

LTST-C281KSKT