

Product /Process Change Notification

Effective date: Mar 1st, 2017

Description of Change:

Lite-On would like to unify packaging specification for single color 0603 package of SMD Chip LED, including C191/C193/C194/C198/C190/C19A/C181/C1932 series listed as below Table 1 below. Packaging quantity per reel, quantity per inner box, dimensions of inner box and sealed bag will be impacted.

Reason of change:

Continue logistics & shipments improvement.

Affected part numbers:

Table 1: Affected product series (white and non-white):

LTW-C190/190	LTW-C191/191	LTW-C193/193	LTW-C194/194	LTW-C198/198	LTW-C19A/19A
LTST-C190	LTST-C191	LTST-C193	LTST-C194	LTST-C198	LTST-C19A
LTSN-C190	LTSN-C191	LTSN-C193	LTSN-C194	LTSN-C198	LTSN-C19A
LTW-C181/181	LTST-C181	LTW-C1932/1932	LTST-C1932		

Effect of Change:

1. Quantity per reel & inner box

Series	Before Change			After Change			Index
	Q'ty / reel	Reel / Inner Box	Q'ty / Inner Box	Q'ty / reel	Reel / Inner Box	Q'ty / Inner Box	
LTW-C190/190	3000	3	9000	4000	5	20000	Appendix 1
LTST-C190	3000	3	9000	4000	5	20000	Appendix 2
LTW-C191/191	3000	3	9000	5000	5	25000	Appendix 3
LTSN-C191	5000	3	15000	5000	5	25000	Appendix 4
LTST-C191	5000	3	15000	5000	5	25000	Appendix 5
LTW-C193/193	3000	3	9000	5000	5	25000	Appendix 6
LTST-C193	3000	3	9000	5000	5	25000	Appendix 7
LTW-C193/193	4000	3	12000	5000	5	25000	Appendix 8
LTW-C194/194	3000	3	9000	5000	5	25000	Appendix 9
LTST-C194	3000	3	9000	5000	5	25000	Appendix 10


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Series	Before Change			After Change			Index
	Q'ty / reel	Reel / Inner Box	Q'ty / Inner Box	Q'ty / reel	Reel / Inner Box	Q'ty / Inner Box	
LTW-C198/198	3000	3	9000	5000	5	25000	Appendix 11
LTSN-C198	3000	3	9000	5000	5	25000	Appendix 12
LTST-C198	3000	3	9000	5000	5	25000	Appendix 13
LTSN-C19A	3000	3	9000	4000	5	20000	Appendix 14
LTST-C19A	3000	3	9000	4000	5	20000	Appendix 15
LTW-C19A/19A	3000	3	9000	4000	5	20000	Appendix 16
LTW-C181/181	3000	3	9000	5000	5	25000	Appendix 17
LTST-C181	3000	3	9000	5000	5	25000	Appendix 18
LTW-C1932/1932	3000	3	9000	5000	5	25000	Appendix 19
LTST-C1932	3000	3	9000	5000	5	25000	Appendix 20


2. Dimension of inner box & carton

Before change				After change			
Unit : mm	Length	Width	Height		Length	Width	Height
Inner Box (3 bags)	230	200	55	Inner Box (5 bags)	247	235	70
Carton (10 boxes)	425	300	260	Carton (8 boxes)	485	305	260
Carton (5 boxes)	290	215	260	Carton (4 boxes)	305	248	260

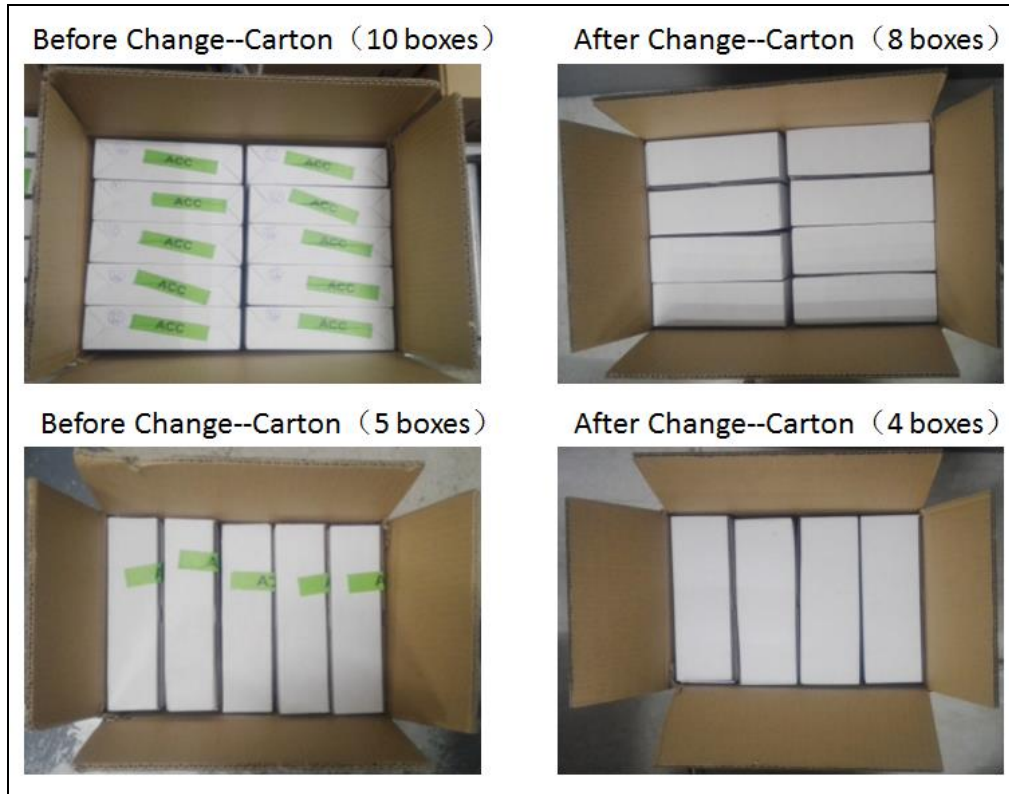
Before change
-Inner Box (3 bags)



After change
-Inner Box (5 bags)



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3. Dimension of sealed bag

Before Change

Length: 260 +/-2mm
Width: 230 +/-2mm



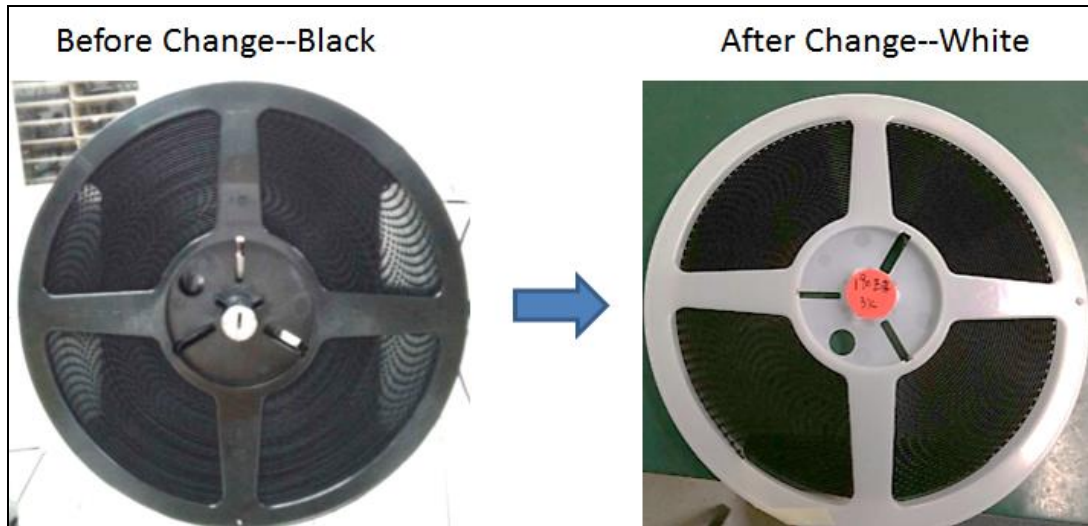
After Change

Length : 240 +/- 2mm
Width : 230 +/- 2 mm



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4. Color of reel



Reel dimension is kept the same without change

Data sheet:

Datasheets will be updated as new version, and will be available upon request.

Effective Date of Change:

The new packing changes and affected specifications will be effective from 1st Mar. 2017.

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 / 2016 /12

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Appendix 1

LTW-C190DA5	LTW-C190DC-LT	LTW-C190DS5-CS	LTW-C190DS5-INV
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Appendix 2

LTST-C190AKT	LTST-C190JBKT-10A	LTST-C190KGKT-F1	LTST-C190KRKT-MH	LTST-C190TBKT
LTST-C190AKT-CS	LTST-C190JBKT-ND	LTST-C190KGKT-FT	LTST-C190KRKT-ND	LTST-C190TBKT-10A
LTST-C190AKT-ND	LTST-C190JGKT	LTST-C190KGKT-GE	LTST-C190KRKT-P	LTST-C190TBKT-5A
LTST-C190CBKT	LTST-C190JGKT-AP	LTST-C190KGKT-GX	LTST-C190KRKT-R	LTST-C190TBKT5A-RC
LTST-C190CBKT-F	LTST-C190JGKT-ND	LTST-C190KGKT-HL	LTST-C190KRKT-RC	LTST-C190TBKT-ALT
LTST-C190CKT	LTST-C190JGKT-P	LTST-C190KGKT-HP	LTST-C190KRKT-RN	LTST-C190TBKT-AM
LTST-C190CKT-BH	LTST-C190KAKT	LTST-C190KGKT-INV	LTST-C190KRKT-S	LTST-C190TBKT-G
LTST-C190CKT-CS	LTST-C190KEKT	LTST-C190KGKT-J	LTST-C190KRKT-TH	LTST-C190TBKTH
LTST-C190CKT-EL	LTST-C190KEKT-VT	LTST-C190KGKT-MH	LTST-C190KRKT-WH	LTST-C190TBKT-HM
LTST-C190CKT-FJ	LTST-C190KEKT-YW	LTST-C190KGKT-ND	LTST-C190KSKT	LTST-C190TBKT-HW
LTST-C190CKT-ND	LTST-C190KFKT	LTST-C190KGKT-OP	LTST-C190KSKT6	LTST-C190TBKT-HW1
LTST-C190CKTT	LTST-C190KFKT-5A	LTST-C190KGKT-Q	LTST-C190KSKT-DB	LTST-C190TBKT-ME
LTST-C190EKT	LTST-C190KFKT-GX	LTST-C190KGKT-Q1	LTST-C190KSKT-DM	LTST-C190TBKT-MOT
LTST-C190EKT-ND	LTST-C190KFKT-LR	LTST-C190KGKT-RC	LTST-C190KSKT-ES	LTST-C190TBKT-TH
LTST-C190EKT-VT	LTST-C190KFKT-LT	LTST-C190KGKT-RS	LTST-C190KSKT-ET	LTST-C190TGKT
LTST-C190FKT	LTST-C190KFKT-LT1	LTST-C190KGKT-TH	LTST-C190KSKT-F	LTST-C190TGKT-10A
LTST-C190FKT-CS	LTST-C190KFKT-ND	LTST-C190KGKT-WH	LTST-C190KSKT-GX	LTST-C190TGKT-2A
LTST-C190FKTH-DY	LTST-C190KFKT-P	LTST-C190KGKT-WHP	LTST-C190KSKT-KK	LTST-C190TGKT-5A
LTST-C190FKT-ND	LTST-C190KFKT-R	LTST-C190KRKT	LTST-C190KSKT-ND	LTST-C190TGKT-ALT
LTST-C190GKT	LTST-C190KFKT-TH	LTST-C190KRKT-CS	LTST-C190KSKT-P	LTST-C190TGKT-F
LTST-C190GKT-5A	LTST-C190KFKT-UN	LTST-C190KRKT-DSC	LTST-C190KSKT-P1	LTST-C190TGKTH
LTST-C190GKT-AH	LTST-C190KFKT-WS	LTST-C190KRKT-DT	LTST-C190KSKT-RC	LTST-C190UBKT
LTST-C190GKT-DE	LTST-C190KGKT	LTST-C190KRKT-F	LTST-C190KSKT-S	LTST-C190UBKT-S10A
LTST-C190GKT-EL	LTST-C190KGKT-5A	LTST-C190KRKT-F1	LTST-C190KSKT-TH	LTST-C190YKT
LTST-C190GKT-ND	LTST-C190KGKT-C	LTST-C190KRKT-FT	LTST-C190KSKT-WH	LTST-C190ZBKT
LTST-C190GKT-RC	LTST-C190KGKT-DM	LTST-C190KRKT-GE	LTST-C190KSKT-WS	
LTST-C190GKTT	LTST-C190KGKT-EL	LTST-C190KRKT-GX	LTST-C190KSKT-YH	
LTST-C190JBKT	LTST-C190KGKT-F	LTST-C190KRKT-J	LTST-C190KYKT	

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Appendix 3

LTW-191TS5	LTW-C191DC5-IM	LTW-C191DS-HT	LTW-C191TLA-Q	LTW-C191TS5-RS
LTW-191ZDC2-CH	LTW-C191DC5-ND1	LTW-C191DS-ND	LTW-C191TLA-VF	LTW-C191TS5-TC
LTW-191ZDC2-DF	LTW-C191DC5-Q	LTW-C191DS-TC	LTW-C191TS2	LTW-C191TS5-TH
LTW-191ZDC2-KJ	LTW-C191DCA-JD	LTW-C191HB	LTW-C191TS5	LTW-C191UC2
LTW-191ZDC2-NB	LTW-C191DC-BS	LTW-C191HS	LTW-C191TS5-CH	LTW-C191UC5
LTW-191ZDC5-AS	LTW-C191DC-HR	LTW-C191HSA-NT	LTW-C191TS5-CS	LTW-C191UC5-HP
LTW-191ZDC5-Q	LTW-C191DC-ND1	LTW-C191HS-PH	LTW-C191TS5DN	LTW-C191UC5-PE
LTW-191ZDC-ME	LTW-C191DS5	LTW-C191TL5	LTW-C191TS5-EL	LTW-C191US5-B
LTW-191ZDC-ME5	LTW-C191DS5-LR	LTW-C191TLA	LTW-C191TS5-MI	LTW-C191US5-SEL
LTW-C191DA5	LTW-C191DS5-WS	LTW-C191TLA-DL	LTW-C191TS5-OP	
LTW-C191DC5-HW	LTW-C191DS-BH	LTW-C191TLA-LT	LTW-C191TS5-PA	

Appendix 4

LTSN-C191KSKT-PA	LTSN-C191NSKT-PA
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Appendix 5

LTST-C191AKT	LTST-C191KFKT-HP	LTST-C191KRKT	LTST-C191KSKT-EG1	LTST-C191TBKT-EL
LTST-C191CBKT	LTST-C191KFKT-KJ	LTST-C191KRKT-5A	LTST-C191KSKT-EL	LTST-C191TBKT-EL1
LTST-C191EBKT-M	LTST-C191KFKT-LB	LTST-C191KRKT-5AND	LTST-C191KSKT-ELX	LTST-C191TBKT-GP1
LTST-C191EKT	LTST-C191KFKT-LT	LTST-C191KRKT-5N	LTST-C191KSKT-F	LTST-C191TBKT-LT
LTST-C191GKT	LTST-C191KFKT-NB	LTST-C191KRKT-5NCZ	LTST-C191KSKT-LT	LTST-C191TBKT-PE
LTST-C191GKT-AP	LTST-C191KFKT-PH	LTST-C191KRKT-AM	LTST-C191KSKT-LT1	LTST-C191TBKT-PHI
LTST-C191GKT-F	LTST-C191KFKT-PH1	LTST-C191KRKT-AP	LTST-C191KSKT-MIL	LTST-C191TBKT-Q
LTST-C191GWT-CS	LTST-C191KFKT-TH1	LTST-C191KRKT-BT	LTST-C191KSKT-PH	LTST-C191TBKT-Q1
LTST-C191JBKT	LTST-C191KFKT-UD	LTST-C191KRKT-BT2	LTST-C191KSKT-Q	LTST-C191TBKT-S
LTST-C191JBKT-5A	LTST-C191KFWT-AP	LTST-C191KRKT-EL	LTST-C191KSKT-S	LTST-C191TBKT-TH
LTST-C191JBKT-HL	LTST-C191KFWT-APL	LTST-C191KRKT-EL1	LTST-C191KSKT-SE	LTST-C191TBKT-WX
LTST-C191JBKT-LT	LTST-C191KGKT	LTST-C191KRKT-ELX	LTST-C191KSKT-SL	LTST-C191TGKT
LTST-C191JBKT-SEL	LTST-C191KGKT-5A	LTST-C191KRKT-F	LTST-C191KSKT-TH	LTST-C191TGKT-2A
LTST-C191JGKT-AP	LTST-C191KGKT-BT	LTST-C191KRKT-GP	LTST-C191KSKT-WH	LTST-C191TGKT-5A
LTST-C191JGWT-AP	LTST-C191KGKT-CO	LTST-C191KRKT-LC	LTST-C191NEKT-DT	LTST-C191TGKT-AS
LTST-C191KAKT	LTST-C191KGKT-CS	LTST-C191KRKT-PH	LTST-C191NFKT-WN	LTST-C191TGKT-IM

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LTST-C191KEKT	LTST-C191KGKT-CS1	LTST-C191KRKT-PHI	LTST-C191NRKT-BS	LTST-C191TGKT-LT
LTST-C191KEKT-DL	LTST-C191KGKT-ELX	LTST-C191KRKT-RS	LTST-C191NSKT-JA	LTST-C191TGKT-ME
LTST-C191KEKT-ME	LTST-C191KGKT-F1	LTST-C191KRKT-S	LTST-C191NSKT-TH	LTST-C191TGKT-TH
LTST-C191KEKT-Q	LTST-C191KGKT-HW	LTST-C191KRKT-TH	LTST-C191TBKT	LTST-C191TPKT
LTST-C191KFKT	LTST-C191KGKT-LR	LTST-C191KRKT-WH	LTST-C191TBKT-2A	LTST-C191TPKT-IM
LTST-C191KFKT-2A	LTST-C191KGKT-LT	LTST-C191KSKT	LTST-C191TBKT-2F	LTST-C191UBKT
LTST-C191KFKT-2CA	LTST-C191KGKT-M	LTST-C191KSKT-5A	LTST-C191TBKT-5A	LTST-C191YKT
LTST-C191KFKT-5A	LTST-C191KGKT-P	LTST-C191KSKT-BT	LTST-C191TBKT-5AND	LTST-C191YKT-AP
LTST-C191KFKT-AS	LTST-C191KGKT-PP	LTST-C191KSKT-CS	LTST-C191TBKT-5N	LTST-C191YKT-CS
LTST-C191KFKT-BT	LTST-C191KGKT-SL	LTST-C191KSKT-DB	LTST-C191TBKT-BH	LTST-C191YKT-F
LTST-C191KFKT-CH	LTST-C191KGKT-SS5	LTST-C191KSKT-DIL2	LTST-C191TBKT-CA	LTST-C191ZBKT-LT
LTST-C191KFKT-CS	LTST-C191KGKT-TH	LTST-C191KSKT-DP	LTST-C191TBKT-DE	LTST-C191ZBKT-Q
LTST-C191KFKT-F	LTST-C191KGKT-WH	LTST-C191KSKT-EG	LTST-C191TBKT-EG	LTST-C191ZBWT-2F

Appendix 6

LTW-193TB5	LTW-C193DC2-C	LTW-C193DS5-F	LTW-C193SN5	LTW-C193TS5-PH1
LTW-193TS5-S	LTW-C193DC5-EL	LTW-C193DS5-IBT	LTW-C193SN5-INV	LTW-C193TS5-RS
LTW-193ZDC5-AK	LTW-C193DC5-HP	LTW-C193DS5-ND	LTW-C193SS2	LTW-C193TS5-TH
LTW-193ZDC5-EL	LTW-C193DC5-PA	LTW-C193DS5-ND1	LTW-C193SS2-LS	LTW-C193TS5-VF
LTW-193ZDC5-GE	LTW-C193DC5-PA2	LTW-C193DS5-ND10	LTW-C193SS2-NA	LTW-C193TS5-VT
LTW-193ZDC5-HL	LTW-C193DC5-PA3	LTW-C193DS5-ND11	LTW-C193SS5	LTW-C193US2
LTW-193ZDC5-HP	LTW-C193DC5-PA4	LTW-C193DS5-ND2	LTW-C193TB5	LTW-C193US2-H
LTW-193ZDS2	LTW-C193DC5-WD	LTW-C193DS5-ND21	LTW-C193TS2-HW	LTW-C193US5
LTW-193ZDS5	LTW-C193DC-ANK	LTW-C193DS5-ND5	LTW-C193TS2-LT	LTW-C193US5-HM
LTW-193ZDS5-ND	LTW-C193DC-C	LTW-C193DS5-ND6	LTW-C193TS3-HM	LTW-C193US5-HM1
LTW-193ZDS5-ND1	LTW-C193DC-LL	LTW-C193DS5-ND7	LTW-C193TS5	LTW-C193US5-LT
LTW-193ZDS5-ND2	LTW-C193DC-PA5	LTW-C193DS5-ND9	LTW-C193TS5-AS	LTW-C193US5-ND
LTW-193ZDS5-WH	LTW-C193DM5-L	LTW-C193DS5-OR	LTW-C193TS5-C	LTW-C193US5-ND1
LTW-193ZDS5-WH1	LTW-C193DM5-SS	LTW-C193DS5-PE	LTW-C193TS5-EE	LTW-C193US5-SEL
LTW-193ZDS5-WH5	LTW-C193DM5-SS2	LTW-C193DSA	LTW-C193TS5-GL	LTW-C193US-ND2
LTW-193ZDS5-WH7	LTW-C193DM5-SS3	LTW-C193DS-AM	LTW-C193TS5-HW	LTW-C193US-SE
LTW-C193DSB	LTW-C193TS5-IM	LTW-193ZDSA	LTW-C193DS5	LTW-C193DS-FN

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LTW-C193DAA	LTW-C193DS5-BR	LTW-C193SN2	LTW-C193TS5-PH	LTW-C193TS5-L
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Appendix 7

LTST-C193JBKT-2A	LTST-C193KGKT-AT	LTST-C193KRKT-SE	LTST-C193TBKT-AC	LTST-C193TBKT-W
LTST-C193JBKT-5A	LTST-C193KGKT-P	LTST-C193KRKT-SR	LTST-C193TBKT-AD	LTST-C193TBKT-WA
LTST-C193JBKT-HM	LTST-C193KGKT-PA	LTST-C193KRKT-TH	LTST-C193TBKT-AS	LTST-C193TBKT-WH
LTST-C193JBKT-HM1	LTST-C193KGKT-PE	LTST-C193KRWT-PH	LTST-C193TBKT-HM	LTST-C193TBWT-PH
LTST-C193JBKT-SE	LTST-C193KGKT-SR	LTST-C193KRWT-PH3	LTST-C193TBKT-HW	LTST-C193TGKT
LTST-C193KAKT-BA	LTST-C193KGKT-SS	LTST-C193KSKT-2A	LTST-C193TBKT-HW2	LTST-C193TGKT-5A
LTST-C193KDKT-KY	LTST-C193KGKT-TH	LTST-C193KSKT-2H	LTST-C193TBKT-KE	LTST-C193TGKT-C
LTST-C193KEWT-BA	LTST-C193KGKT-VT	LTST-C193KSKT-5A	LTST-C193TBKT-KE1	LTST-C193TGKT-PX
LTST-C193KFKT-5A	LTST-C193KGWT-PH	LTST-C193KSKT-AS	LTST-C193TBKT-L	LTST-C193TGKT-TH
LTST-C193KFKT-F	LTST-C193KGWT-PH4	LTST-C193KSKT-INV	LTST-C193TBKT-L1	LTST-C193ZBKT-2H
LTST-C193KFKT-HP	LTST-C193KRKT-2A	LTST-C193KSWT-PH	LTST-C193TBKT-LO	LTST-C193ZBKT-5A
LTST-C193KFKT-LC	LTST-C193KRKT-2H	LTST-C193LBKT-5A	LTST-C193TBKT-PE	LTST-C193ZBKT-5H
LTST-C193KFKT-SR	LTST-C193KRKT-5A	LTST-C193SBKT-2A	LTST-C193TBKT-RS	LTST-C193ZBKT-DP
LTST-C193KFKT-VT	LTST-C193KRKT-5H	LTST-C193SBKT-5A	LTST-C193TBKT-RS1	LTST-C193ZBKT-LT
LTST-C193KFWT-PH	LTST-C193KRKT-FN	LTST-C193SBKT-AB	LTST-C193TBKT-SA	LTST-C193ZBKT-SS
LTST-C193KGKT-2A	LTST-C193KRKT-HM1	LTST-C193SBKT-AE	LTST-C193TBKT-SR	LTST-C193ZBKT-WH
LTST-C193KGKT-2H	LTST-C193KRKT-ND	LTST-C193SBKT-HS	LTST-C193TBKT-VT1	LTST-C193ZGKT-WH2
LTST-C193KGKT-5A	LTST-C193KRKT-P	LTST-C193TBKT-2A	LTST-C193TBKT-VT2	
LTST-C193KGKT-ABB	LTST-C193KRKT-S	LTST-C193TBKT-5A	LTST-C193TBKT-VT3	

Appendix 8

LTW-C193DM5	LTW-193ZDM5
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Appendix 9

LTW-194ZDS5	LTW-C194DS5-AT	LTW-C194TS5-FH	LTW-C194TS5-SA	LTW-C194TS-CP
LTW-C194DC5-SA	LTW-C194TS5			

Appendix 10

LTST-C194JGWT-AP	LTST-C194KGKT	LTST-C194KRKT-SA	LTST-C194PGWT-AP	LTST-C194TBKT-CS
LTST-C194KAKT-SE	LTST-C194KGKT-PH	LTST-C194KRKT-SE	LTST-C194PGWT-AP5	LTST-C194TBKT-SA

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LTST-C194KFKT	LTST-C194KGKT-SA	LTST-C194KSKT	LTST-C194PGWT-APM	LTST-C194TGKT
LTST-C194KFKT-SA	LTST-C194KRKT	LTST-C194KSKT-SA	LTST-C194TBKT	LTST-C194TGKT-NT
LTST-C194KFKT-SE	LTST-C194KRKT-MF	LTST-C194PGWT-5A	LTST-C194TBKT-5A	LTST-C194ZGWT-AP
LTST-C194KFWT-AP				

Appendix 11

LTW-198ZDS5	LTW-198ZDS5-R
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Appendix 12

LTSN-C198DC5	LTSN-C198TBKT	LTSN-C198TGKT	LTSN-C198VEKT
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Appendix 13

LTST-C198KGKT	LTST-C198KGKT-VF	LTST-C198TGKT-AP	LTST-C198VEKT-MS
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Appendix 14

LTSN-C19AQSKT-LN	LTSN-C19AQSKT-SW
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Appendix 15

LTST-C19AKFKT-R	LTST-C19AKRKT-R	LTST-C19AQQKT-J	LTST-C19AQSKT-J	LTST-C19AQSKT-R
LTST-C19AKGKT-R	LTST-C19AKSKT-GR	LTST-C19AQRKT-J		

Appendix 16

LTW-19AZDC-GR

Appendix 17

LTW-C181DS5-GE	LTW-C181DS5-GE2	LTW-C181HDS5-GE	LTW-C181LDS5-GE
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Appendix 18

LTST-C181KEKT-GE

Appendix 19

LTW-1932ZDC2-CH	LTW-1932ZDC2-HIS2	LTW-1932ZDC2-NB	LTW-1932ZDC2-SN	LTW-1932ZDC2-SN
LTW-1932ZDC2-HIS	LTW-1932ZDC2-KJ			

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Appendix 20

LTST-C1932KFKT-CH	LTST-C1932KFKT-NB	LTST-C1932KGKT-NB	LTST-C1932KGKT-SN	LTST-C1932KSKT-NB
LTST-C1932KFKT-KJ	LTST-C1932KFKT-SN	LTST-C1932KGKT-NB1	LTST-C1932KRKT-NB	LTST-C1932ZBKT-NB