



## Product /Process Change Notification

PCN Number: PCN-20140075

Create Date: 11/13/2014

Issue By: JAYDENCHOU

**Customer name:** ALL Customer

**1. Change Type:** Part number simplified: LTPL-M036 series, LTPL-M074 series, LTPL-M082 series and LTPL-M13 series.

**2.Parts Affected or Product Description:** LTPL-M036 series, LTPL-M074 series, LTPL-M082 series and LTPL-M13 series.

**3. Description and Extent of Change:** Naming rule change

**4.Reasona of Change:** To simplify part numbers control

**5.Effective Date of Change:** 2014 Nov. 30

**6. Availability of Sample and Datasheet:** 2014 Nov. 21

### Customer Approval Portion :

\* Approved ( \_\_\_\_\_ ) ,

Remark : \_\_\_\_\_

\* Rejected ( \_\_\_\_\_ ) ,

Reason : \_\_\_\_\_

SIGNATURE :

DATE :

LITE-ON DCC

RELEASE

QLS-OD-FC006/A4

# Product /Process Change Notification

## CoB (Chip on Board) series:

1. LTPL-M03 Series Product
2. LTPL-M07 Series Product
3. LTPL-M08 Series Product
4. LTPL-M13 Series Product

## Specification Change Notification

Effective: Nov 30<sup>th</sup> , 2014

### Description:

LITEON would like to announce the product change of part number naming rule on Nov./30<sup>th</sup>, 2014.

### Rule changed:

**Combine LTPL-MXXXXXoSXX-S1 into LTPL-MXXXXXoSXX-T0/F1.**

As “-S1” and” -T0/F1” only refers to information of color bin and flux bin, we decided to combine both specification into one single product and will control the color bin and flux bin by CSC (Customer Specification Change notice).

For example, .

Specification	Current	New naming
<b>M08/10series/3000K/CRI80/5SDCM</b>	<b>LTPL-M08210ZS30-S1</b>	<b>LTPL-M08210ZS30-T0 CSC:5SDCM</b>
<b>M13/06series/2700K/CRI80/3SDCM</b>	<b>LTPL-M13706ZS30-T0</b>	<b>LTPL-M13706ZS30-T0 CSC:3SDCM</b>

All changes are attached in the following pages.

## Product /Process Change Notification

### Last-time Buy Date:

No acceptance of –S1 part number from Nov./30<sup>th</sup>, 2014..

### Last-time Ship Date:

Last shipment of LTPL-M025 series from LITEON Changzhou factory will be by 30<sup>th</sup>/Nov., 2014. After 30<sup>th</sup>/Nov, Liteon will transfer all part number to new naming rule from 1<sup>st</sup>/Dec., 2014.

### Website Information Update Date:

Website information will be updated before 21<sup>th</sup>/Nov., 2014..

### Reason for Change:

To simply the management of each color/flux bin.

ALED LOB

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**LiteOn CoB (Chip on Board) series Product change Notice - Appendix I: Part Number affected & results**

\*All specific Color and Flux demand will be controlled by CSC.

\*\*Part Number in red fronts will not be in the product line-up, only RDR of decent demand (MOQ>3K) will be accepted.

LTPL-M03614 series								Product Availability (Date)
Origin Part number	Color Bin	Flux Bin	Combined Part number	Color Bin	Flux Bin			
2700K	LTPL-M03614ZS27-T0 LTPL-M03614ZS27-S1	3SDCM 5SDCM,ANSI	± 8%Lm ±15%Lm	2700K	LTPL-M03614ZS27-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
3000K	LTPL-M03614ZS30-T0 LTPL-M03614ZS30-S1	3SDCM 5SDCM+ANSI	± 8%Lm ±15%Lm	3000K	LTPL-M03614ZS30-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
4000K	LTPL-M03614ZS40-T0 LTPL-M03614ZS40-S1	3SDCM 5SDCM+ANSI	± 8%Lm ±15%Lm	4000K	LTPL-M03614ZS40-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.12.30
** 5000K	LTPL-M03614ZS50-F1 LTPL-M03614ZS50-S1	5SDCM ANSI	±15%Lm ±15%Lm	5000K	LTPL-M03614ZS50-F1	5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.12.30
** 5700K	LTPL-M03614ZS57-F1 LTPL-M03614ZS57-S1	5SDCM ANSI	±15%Lm ±15%Lm	5700K	LTPL-M03614ZS57-F1	5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.12.30
LTPL-M03622 series								Product Availability (Date)
Origin Part number	Color Bin	Flux Bin	Combined Part number	Color Bin	Flux Bin			
2700K	LTPL-M03622ZS27-T0 LTPL-M03622ZS27-S1	3SDCM 5SDCM,ANSI	± 8%Lm ±15%Lm	2700K	LTPL-M03622ZS27-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
3000K	LTPL-M03622ZS30-T0 LTPL-M03622ZS30-S1	3SDCM 5SDCM+ANSI	± 8%Lm ±15%Lm	3000K	LTPL-M03622ZS30-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
4000K	LTPL-M03622ZS40-T0 LTPL-M03622ZS40-S1	3SDCM 5SDCM+ANSI	± 8%Lm ±15%Lm	4000K	LTPL-M03622ZS40-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
** 5000K	LTPL-M03622ZS50-F1 LTPL-M03622ZS50-S1	5SDCM ANSI	±15%Lm ±15%Lm	5000K	LTPL-M03622ZS50-F1	5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
** 5700K	LTPL-M03622ZS57-F1 LTPL-M03622ZS57-S1	5SDCM ANSI	±15%Lm ±15%Lm	5700K	LTPL-M03622ZS57-F1	5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
LTPL-M07452 series								Product Availability (Date)
Origin Part number	Color Bin	Flux Bin	Combined Part number	Color Bin	Flux Bin			
** 2700K	LTPL-M07452ZS27-T0 LTPL-M07452ZS27-S1	3SDCM 5SDCM,ANSI	± 8%Lm ±15%Lm	2700K	LTPL-M07452ZS27-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
3000K	LTPL-M07452ZS30-T0 LTPL-M07452ZS30-S1	3SDCM 5SDCM+ANSI	± 8%Lm ±15%Lm	3000K	LTPL-M07452ZS30-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
** 4000K	LTPL-M07452ZS40-T0 LTPL-M07452ZS40-S1	3SDCM 5SDCM+ANSI	± 8%Lm ±15%Lm	4000K	LTPL-M07452ZS40-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
** 5000K	LTPL-M07452ZS50-F1 LTPL-M07452ZS50-S1	5SDCM ANSI	±15%Lm ±15%Lm	5000K	LTPL-M07452ZS50-F1	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
5700K	LTPL-M07452ZS57-F1 LTPL-M07452ZS57-S1	5SDCM ANSI	±15%Lm ±15%Lm	5700K	LTPL-M07452ZS57-F1	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
6500K	LTPL-M07452ZS65-F1 LTPL-M07452ZS65-S1	5SDCM ANSI	±15%Lm ±15%Lm	6500K	LTPL-M07452ZS65-F1	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
LTPL-M07480 series								Product Availability (Date)
Origin Part number	Color Bin	Flux Bin	Combined Part number	Color Bin	Flux Bin			
** 2700K	LTPL-M07480ZS27-T0 LTPL-M07480ZS27-S1	3SDCM 5SDCM,ANSI	± 8%Lm ±15%Lm	2700K	LTPL-M07480ZS27-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
3000K	LTPL-M07480ZS30-T0 LTPL-M07480ZS30-S1	3SDCM 5SDCM+ANSI	± 8%Lm ±15%Lm	3000K	LTPL-M07480ZS30-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
** 4000K	LTPL-M07480ZS40-T0 LTPL-M07480ZS40-S1	3SDCM 5SDCM+ANSI	± 8%Lm ±15%Lm	4000K	LTPL-M07480ZS40-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
** 5000K	LTPL-M07480ZS50-F1 LTPL-M07480ZS50-S1	5SDCM ANSI	±15%Lm ±15%Lm	5000K	LTPL-M07480ZS50-F1	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
5700K	LTPL-M07480ZS57-F1 LTPL-M07480ZS57-S1	5SDCM ANSI	±15%Lm ±15%Lm	5700K	LTPL-M07480ZS57-F1	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
6500K	LTPL-M07480ZS65-F1 LTPL-M07480ZS65-S1	5SDCM ANSI	±15%Lm ±15%Lm	6500K	LTPL-M07480ZS65-F1	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
LTPL-M08206 series								Product Availability (Date)
Origin Part number	Color Bin	Flux Bin	Combined Part number	Color Bin	Flux Bin			
2700K	LTPL-M08206ZS27-T0 LTPL-M08206ZS27-S1	3SDCM 5SDCM,ANSI	± 8%Lm ±15%Lm	2700K	LTPL-M08206ZS27-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.12.30
3000K	LTPL-M08206ZS30-T0 LTPL-M08206ZS30-S1	3SDCM 5SDCM+ANSI	± 8%Lm ±15%Lm	3000K	LTPL-M08206ZS30-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.12.30
4000K	LTPL-M08206ZS40-T0 LTPL-M08206ZS40-S1	3SDCM 5SDCM+ANSI	± 8%Lm ±15%Lm	4000K	LTPL-M08206ZS40-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.12.30
** 5000K	LTPL-M08206ZS50-F1 LTPL-M08206ZS50-S1	5SDCM ANSI	±15%Lm ±15%Lm	5000K	LTPL-M08206ZS50-F1	5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.12.30
** 5700K	LTPL-M08206ZS57-F1 LTPL-M08206ZS57-S1	5SDCM ANSI	±15%Lm ±15%Lm	5700K	LTPL-M08206ZS57-F1	5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.12.30
LTPL-M08210 series								Product Availability (Date)
Origin Part number	Color Bin	Flux Bin	Combined Part number	Color Bin	Flux Bin			
2700K	LTPL-M08210ZS27-T0 LTPL-M08210ZS27-S1	3SDCM 5SDCM,ANSI	± 8%Lm ±15%Lm	2700K	LTPL-M08210ZS27-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.12.30
3000K	LTPL-M08210ZS30-T0 LTPL-M08210ZS30-S1	3SDCM 5SDCM+ANSI	± 8%Lm ±15%Lm	3000K	LTPL-M08210ZS30-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.12.30
4000K	LTPL-M08210ZS40-T0 LTPL-M08210ZS40-S1	3SDCM 5SDCM+ANSI	± 8%Lm ±15%Lm	4000K	LTPL-M08210ZS40-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.12.30
** 5000K	LTPL-M08210ZS50-F1 LTPL-M08210ZS50-S1	5SDCM ANSI	±15%Lm ±15%Lm	5000K	LTPL-M08210ZS50-F1	5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.12.30
** 5700K	LTPL-M08210ZS57-F1 LTPL-M08210ZS57-S1	5SDCM ANSI	±15%Lm ±15%Lm	5700K	LTPL-M08210ZS57-F1	5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.12.30
LTPL-M08218 series								Product Availability (Date)
Origin Part number	Color Bin	Flux Bin	Combined Part number	Color Bin	Flux Bin			
2700K	LTPL-M08218ZS27-T0 LTPL-M08218ZS27-S1	3SDCM 5SDCM,ANSI	± 8%Lm ±15%Lm	2700K	LTPL-M08218ZS27-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.12.30
3000K	LTPL-M08218ZS30-T0 LTPL-M08218ZS30-S1	3SDCM 5SDCM+ANSI	± 8%Lm ±15%Lm	3000K	LTPL-M08218ZS30-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.12.30
4000K	LTPL-M08218ZS40-T0 LTPL-M08218ZS40-S1	3SDCM 5SDCM+ANSI	± 8%Lm ±15%Lm	4000K	LTPL-M08218ZS40-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.12.30
** 5000K	LTPL-M08218ZS50-F1 LTPL-M08218ZS50-S1	5SDCM ANSI	±15%Lm ±15%Lm	5000K	LTPL-M08218ZS50-F1	5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.12.30
** 5700K	LTPL-M08218ZS57-F1 LTPL-M08218ZS57-S1	5SDCM ANSI	±15%Lm ±15%Lm	5700K	LTPL-M08218ZS57-F1	5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.12.30
LTPL-M13706 (36V) series								Product Availability (Date)
Origin Part number	Color Bin	Flux Bin	Combined Part number	Color Bin	Flux Bin			
2700K	LTPL-M13706ZS27-T0 LTPL-M13706ZS27-S1	3SDCM 5SDCM,ANSI	± 8%Lm ±15%Lm	2700K	LTPL-M13706ZS27-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
3000K	LTPL-M13706ZS30-T0 LTPL-M13706ZS30-S1	3SDCM 5SDCM+ANSI	± 8%Lm ±15%Lm	3000K	LTPL-M13706ZS30-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
4000K	LTPL-M13706ZS40-T0 LTPL-M13706ZS40-S1	3SDCM 5SDCM+ANSI	± 8%Lm ±15%Lm	4000K	LTPL-M13706ZS40-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
** 5000K	LTPL-M13706ZS50-F1	5SDCM	±15%Lm	5000K	LTPL-M13706ZS50-F1	5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30

**	5000K	LTPL-M13706ZS50-S1	ANSI	±15%Lm	→	5000K	LTPL-M13706ZS50-F1	SSDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
**	5700K	LTPL-M13706ZS57-F1	SSDCM	±15%Lm	→	5700K	LTPL-M13706ZS57-F1	SSDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
		LTPL-M13710 (36V) series								
		Origin Part number	Color Bin	Flux Bin		Combined Part number	Color Bin	Flux Bin		Product Availability (Date)
	2700K	LTPL-M13710ZS27-T0 LTPL-M13710ZS27-S1	3SDCM 5SDCM,ANSI	± 8%Lm ±15%Lm	→	2700K	LTPL-M13710ZS27-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
	3000K	LTPL-M13710ZS30-T0 LTPL-M13710ZS30-S1	3SDCM 5SDCM+ANSI	± 8%Lm ±15%Lm	→	3000K	LTPL-M13710ZS30-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
	4000K	LTPL-M13710ZS40-T0 LTPL-M13710ZS40-S1	3SDCM 5SDCM+ANSI	± 8%Lm ±15%Lm	→	4000K	LTPL-M13710ZS40-T0	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
**	5000K	LTPL-M13710ZS50-F1 LTPL-M13710ZS50-S1	5SDCM ANSI	±15%Lm ±15%Lm	→	5000K	LTPL-M13710ZS50-F1	5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
**	5700K	LTPL-M13710ZS57-F1 LTPL-M13710ZS57-S1	5SDCM ANSI	±15%Lm ±15%Lm	→	5700K	LTPL-M13710ZS57-F1	5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
		LTPL-M13706 (9V) series								
		Origin Part number	Color Bin	Flux Bin		Combined Part number	Color Bin	Flux Bin		Product Availability (Date)
	2700K	LTPL-M13706ZS27-T2 LTPL-M13706ZS27-S3	3SDCM 5SDCM,ANSI	± 8%Lm ±15%Lm	→	2700K	LTPL-M13706ZS27-T2	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
	3000K	LTPL-M13706ZS30-T2 LTPL-M13706ZS30-S3	3SDCM 5SDCM+ANSI	± 8%Lm ±15%Lm	→	3000K	LTPL-M13706ZS30-T2	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
	4000K	LTPL-M13706ZS40-T2 LTPL-M13706ZS40-S3	3SDCM 5SDCM+ANSI	± 8%Lm ±15%Lm	→	4000K	LTPL-M13706ZS40-T2	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
**	5000K	LTPL-M13706ZS50-F3 LTPL-M13706ZS50-S3	5SDCM ANSI	±15%Lm ±15%Lm	→	5000K	LTPL-M13706ZS50-F3	5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
**	5700K	LTPL-M13706ZS57-F3 LTPL-M13706ZS57-S3	5SDCM ANSI	±15%Lm ±15%Lm	→	5700K	LTPL-M13706ZS57-F3	5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
		LTPL-M13710 (9V) series								
		Origin Part number	Color Bin	Flux Bin		Combined Part number	Color Bin	Flux Bin		Product Availability (Date)
	2700K	LTPL-M13710ZS27-T2 LTPL-M13710ZS27-S3	3SDCM 5SDCM,ANSI	± 8%Lm ±15%Lm	→	2700K	LTPL-M13710ZS27-T2	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
	3000K	LTPL-M13710ZS30-T2 LTPL-M13710ZS30-S3	3SDCM 5SDCM+ANSI	± 8%Lm ±15%Lm	→	3000K	LTPL-M13710ZS30-T2	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
	4000K	LTPL-M13710ZS40-T2 LTPL-M13710ZS40-S3	3SDCM 5SDCM+ANSI	± 8%Lm ±15%Lm	→	4000K	LTPL-M13710ZS40-T2	3SDCM / 5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
**	5000K	LTPL-M13710ZS50-F3 LTPL-M13710ZS50-S3	5SDCM ANSI	±15%Lm ±15%Lm	→	5000K	LTPL-M13710ZS50-F3	5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30
**	5700K	LTPL-M13710ZS57-F3 LTPL-M13710ZS57-S3	5SDCM ANSI	±15%Lm ±15%Lm	→	5700K	LTPL-M13710ZS57-F3	5SDCM / ANSI	-15%~-8% / ± 8%Lm / +8%~+15%	2014.11.30