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October 26th, 2026

LFPCN #41587 – Littelfuse SIDACtor DO-214AA (SMB) package additional Assembly site approval

To Our Valued Customers,

To further support our fast-growing demand and secure continuity of supply for our customers, Littelfuse will be adding a new assembly/test site location for the SIDACtor products housed in DO-214AA (SMB) package. Additional assembly/test site location is Littelfuse factory based in the Philippines.

Affected SIDACtor Series are shown below:

Package	Series	Description
DO-214AA (SMB)	Pxxx0SxL	SIDACtor® Series DO-214AA
	Pxxx0SD	High Surge Current SIDACtor® - DO-214AA
	Pxxx1S	SIDACtor® Fixed Voltage SLIC Protector
	Pxxx0SxLHL	Low IH Pxxx0SxLHL Series
	Pxxx0SxMC	DO-214AA MicroCapacitance(MC) SIDACtor® Device
	PLED	PLED Open LED Protectors
	PLED Ultra Low Holding Current	PLED Application in Ballast Output LED Driver for Ignition
	PLEDxUx	Unidirectional PLED
	PLEDxUSxA	High Power Unidirectional PLED

The electrical performance of the affected Series will remain within existing datasheet specifications. There will be no change to the form, fit and function of the products.

All affected products have been fully qualified in accordance with established performance and reliability criteria. Please refer to the attached affected parts list and documentation for qualification result. Samples and qualification data are available upon request.

Form, fit, function changes: None
Part number changes: None
Effective date: February 1st, 2027
Replacement products: N/A
Last time buy: N/A

This notification is for your information and acknowledgement. If you have any other questions or concerns, please contact your local sales team or product team below for further assistance.

We highly value your business and look forward to assisting you whenever possible.

Sincerely,
Jerome Bourguignon
Protection Marketing Manager - SIDACtor
Tel: +33 7 63 77 53 30
jbourguignon@Littelfuse.com

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800 E. Northwest Highway Des Plaines, IL 60016

Product/Process Change Notice (PCN)

PCN#: 41587 Date: October 26th, 2026

Product Identification:
DO-214AA (SMB) SIDACtor Series: Pxxx0SxL, Pxxx1S, Pxxx0SD, Pxxx0SxLHL, Pxxx0SxMC, PLED, PLED Ultra Low Holding Current, PLEDxUx, PLEDxUSxA

Implementation Date for Change:
February 1st, 2027

Contact Information

Name: Jerome Bourguignon

Title: Protection Marketing Manager

Phone # : +33 7 63 77 53 30

Fax# : NA

E-mail : jbourguignon@Littelfuse.com

Category of Change:

- ☐ Assembly Process
- ☐ Data Sheet
- ☐ Technology
- ☐ Discontinuance/Obsolescence
- ☐ Equipment
- ☒ Manufacturing Site
- ☐ Raw Material
- ☐ Testing
- ☐ Fabrication Process
- ☐ Other: _____

Description of Change:

To further support our fast-growing demand and secure continuity of supply for our customers, Littelfuse will be adding a new assembly/test site location for the SIDACtor products housed in DO-214AA (SMB) package. Additional assembly/test site location is Littelfuse factory based in the Philippines.

The electrical performance of the affected Series will remain within existing datasheet specifications. There will be no change to the fit, form, and function of the products. Packaging dimensions of the Affected Series will remain the same.

All affected products have been fully qualified in accordance with established performance and reliability criteria.

Important Dates:

☒ Qualification Samples Available: upon request ☐ Last Time Buy:

☒ Final Qualification Data Available: **August 14th, 2026**

☐ Date of Final Product Shipment:

Method of Distinguishing Changed Product

☐ Product Mark,

☒ Date Code, traceability data available upon request

☐ Other

Demonstrated or Anticipated Impact on Form, Fit, Function or Reliability:

N/A

LF Qualification Plan/Results:

Littelfuse Qualification Report is Available as attached and full detail data available upon request.

Customer Acknowledgement of Receipt: Littelfuse requests you acknowledge receipt of this PCN. In your acknowledgement, you can grant approval or request additional information. Littelfuse will assume the change is acceptable if no acknowledgement is received within 30 days of this notice. Lack of any additional response within 90 days of PCN issuance further constitutes acceptance of the change.

PCN Report

Prepared By : Rachel Anne Cruz Product Test Engineer,
Velus Garcia Product Engineering Manager,
Date : August 14, 2026
Device : DO-214AA Package Product
Revision : A

1.0 Objective:

The purpose of this project is to qualify new assembly &test location _Lipa as 2nd assembly source for SMB single and stack die series of DO-214AA package.

Succeeding pages summarize the physical, electrical and reliability test performed in qualification lots.

2.0 Applicable Devices:

Package	Affected Series	Technology
DO-214AA/SMB	Pxxx0SxL	SIDACtor
	Pxxx0SD	High Surge Current SIDACtor
	pxxx1s	Uni-directional SIDACtor
	Pxxx0SxLHL	Low IH-SIDACtor
	MC Series	low capacitance SIDACtor
	PLED	LED protectors
	PLED Ultra Low IH	LED protectors
	PLEDxUx	Uni-directional LED protectors
	PLEDxUSxA	High power PLED

2.1 Qualify samples:

2nd source of assembly & test Location _Lipa:

Part No.	Package	Wafer Lot No.	Assembly Lot No.	Product technology
P1701SDLRP	DO-214AA	5NZ8183E	ENG26CL01	SIDACtor
P0080SALRP		5NZ6265E	ENG26CL02	SIDACtor
P3500SALRP		5NZ8080E	ENG26CL03	SIDACtor
P0080SBLRP		5NZ6163E	ENG26CL04	SIDACtor
P4500SBLRP		5NZ8285E	ENG26CL05	SIDACtor
P0080SCLRP		5NZ6063E	ENG26CL06	SIDACtor
P4500SCLRP		5NZ7985E	ENG26CL07	SIDACtor
P0080SDLRP		5NZ5963E	ENG26CL08	SIDACtor
P3500SDLRP		5NZ7883E	ENG26CL09	SIDACtor
PLED6S		5NZ5863E	ENG26CL10	LED Protector

3.0 Assembly, Process & Material Differences/Changes:

3.1 Assembly and Process Changes

There are no significant changes in the assembly and process method.

3.2 2nd source of assembly & test Location _Lipa:

Package	Series	Before _Location	After_ Location
DO-214AA	Commercial SIDACtor	Wuxi China	Wuxi China / Lipa Philippines

4.0 Packing Method

There will be no changes in the packing method.

5.0 Physical Differences/Changes:

There is no change in mechanical specification or package outline dimension (POD)

6.0 Reliability Test Results Summary:

2nd source of assembly & test Location _Lipa:

Test Category	Description	Sample P/N	Package	Sample Qty	Littelfuse Test Ref No.	Contents/ Condition	Standard	Result Summary
Reliability Test for 2nd Sorce of Assembly and Test Location _Lipa	Pre-condition	P1701SDLRP	DO-214AA	120	TR26-05-023687	SMD, H3TRB, TC and UHAST	JESD22-A113	0 failures post Test
		P0080SALRP	DO-214AA	120	TR26-05-023684			
		P3500SALRP	DO-214AA	120	TR26-05-023684			
		P0080SBLRP	DO-214AA	120	TR26-05-023684			
		P4500SBLRP	DO-214AA	120	TR26-05-023685			
		P0080SCLRP	DO-214AA	120	TR26-05-023685			
		P4500SCLRP	DO-214AA	120	TR26-05-023685			
		P0080SDLRP	DO-214AA	120	TR26-05-023686			
		P3500SDLRP	DO-214AA	120	TR26-05-023686			
		PLED6S	DO-214AA	120	TR26-05-023686			
	HTRB DC Blocking	P1701SDLRP	DO-214AA	77	TR26-05-023687	80% min VDRM (VAC-peak), 150C	JESD22-A108	0 failure at 1008Hours
		P0080SALRP	DO-214AA	77	TR26-05-023684			
		P3500SALRP	DO-214AA	77	TR26-05-023684			
		P0080SBLRP	DO-214AA	77	TR26-05-023684			
		P4500SBLRP	DO-214AA	77	TR26-05-023685			
		P0080SCLRP	DO-214AA	77	TR26-05-023685			
		P4500SCLRP	DO-214AA	77	TR26-05-023685			
		P0080SDLRP	DO-214AA	77	TR26-05-023686			
		P3500SDLRP	DO-214AA	77	TR26-05-023686			
		PLED6S	DO-214AA	77	TR26-05-023686			
	H3TRB VR@85C,85%	P1701SDLRP	DO-214AA	40	TR26-05-023687	85C/85% RH with device reverse biased at 100% of rated VR	JESD22-A101	0 failure at 1008Hours
		P0080SALRP	DO-214AA	40	TR26-05-023684			
		P3500SALRP	DO-214AA	40	TR26-05-023684			
		P0080SBLRP	DO-214AA	40	TR26-05-023684			
		P4500SBLRP	DO-214AA	40	TR26-05-023685			
		P0080SCLRP	DO-214AA	40	TR26-05-023685			
		P4500SCLRP	DO-214AA	40	TR26-05-023685			
		P0080SDLRP	DO-214AA	40	TR26-05-023686			
		P3500SDLRP	DO-214AA	40	TR26-05-023686			
		PLED6S	DO-214AA	40	TR26-05-023686			
	Temp Cycle	P1701SDLRP	DO-214AA	40	TR26-05-023687	1000 cycles, -55°C & +150°C, dwell time 15mins	JESD22-A104	0 failure at 1000cycle
		P0080SALRP	DO-214AA	40	TR26-05-023684			
		P3500SALRP	DO-214AA	40	TR26-05-023684			
		P0080SBLRP	DO-214AA	40	TR26-05-023684			
		P4500SBLRP	DO-214AA	40	TR26-05-023685			
		P0080SCLRP	DO-214AA	40	TR26-05-023685			
		P4500SCLRP	DO-214AA	40	TR26-05-023685			
		P0080SDLRP	DO-214AA	40	TR26-05-023686			
		P3500SDLRP	DO-214AA	40	TR26-05-023686			
		PLED6S	DO-214AA	40	TR26-05-023686			
	UHAST	P1701SDLRP	DO-214AA	40	TR26-05-023687	96 hours at TA=130°C/85%RH	JESD22-A-118	0 failure at 96 Hours
		P0080SALRP	DO-214AA	40	TR26-05-023684			
		P3500SALRP	DO-214AA	40	TR26-05-023684			
		P0080SBLRP	DO-214AA	40	TR26-05-023684			
		P4500SBLRP	DO-214AA	40	TR26-05-023685			
		P0080SCLRP	DO-214AA	40	TR26-05-023685			
		P4500SCLRP	DO-214AA	40	TR26-05-023685			
		P0080SDLRP	DO-214AA	40	TR26-05-023686			
		P3500SDLRP	DO-214AA	40	TR26-05-023686			
		PLED6S	DO-214AA	40	TR26-05-023686			
	HTSL	P1701SDLRP	DO-214AA	40	TR26-05-023687	1008 hours at TA = 150C + Preconditioning if required TEST before and after HTSL as a minimum.		0 failure at 1008Hours
		P0080SALRP	DO-214AA	40	TR26-05-023684			
		P3500SALRP	DO-214AA	40	TR26-05-023684			
		P0080SBLRP	DO-214AA	40	TR26-05-023684			
		P4500SBLRP	DO-214AA	40	TR26-05-023685			
		P0080SCLRP	DO-214AA	40	TR26-05-023685			
		P4500SCLRP	DO-214AA	40	TR26-05-023685			
		P0080SDLRP	DO-214AA	40	TR26-05-023686			
		P3500SDLRP	DO-214AA	40	TR26-05-023686			
		PLED6S	DO-214AA	40	TR26-05-023686			
	ESD	P1701SDLRP	DO-214AA	30	TR26-05-023687			passed ESD
		P3500SDLRP	DO-214AA	30	TR26-05-023686			
	RSH	P1701SDLRP	DO-214AA	30	TR26-05-023687	260℃, 10 seconds	JESD22-B106	0 failure after RSH
		P0080SALRP	DO-214AA	30	TR26-05-023684			
		P3500SALRP	DO-214AA	30	TR26-05-023684			
		P0080SBLRP	DO-214AA	30	TR26-05-023684			
		P4500SBLRP	DO-214AA	30	TR26-05-023685			
		P0080SCLRP	DO-214AA	30	TR26-05-023685			
		P4500SCLRP	DO-214AA	30	TR26-05-023685			
		P0080SDLRP	DO-214AA	30	TR26-05-023686			
		P3500SDLRP	DO-214AA	30	TR26-05-023686			
		PLED6S	DO-214AA	30	TR26-05-023686			
	Solderability	P1701SDLRP	DO-214AA	22	TR26-05-023687			passed Solderability
		P0080SALRP	DO-214AA	22	TR26-05-023684			
		P3500SALRP	DO-214AA	22	TR26-05-023684			
		P0080SBLRP	DO-214AA	22	TR26-05-023684			
		P4500SBLRP	DO-214AA	22	TR26-05-023685			
		P0080SCLRP	DO-214AA	22	TR26-05-023685			
		P4500SCLRP	DO-214AA	22	TR26-05-023685			
		P0080SDLRP	DO-214AA	22	TR26-05-023686			
		P3500SDLRP	DO-214AA	22	TR26-05-023686			
		PLED6S	DO-214AA	22	TR26-05-023686			
	IOL	PLED6S	DO-214AA	5	TR26-05-023686	IOL(▲TJ ＞=100℃， Turn off 2minutes/Turn on 2minutes)	JESD22-A122	passed IOL

CPK Calculation
Calculated Cpk obtain >1.33 specification criteria.

Part Number	VDRM	IDRM	IH	VT
P1701SDLRP	2.613	57.829	1.465	19.995
P0080SALRP	1.393	68.078	6.110	148.695
P3500SALRP	1.333	31.125	1.353	52.902
P0080SBLRP	1.407	44.131	1.452	99.555
P4500SBLRP	1.377	71.233	1.367	17.279
P0080SCLRP	1.333	54.152	2.162	49.434
P4500SCLRP	1.813	51.217	1.343	22.961
P0080SDLRP	1.374	87.234	1.554	303.296
P3500SDLRP	2.444	36.080	1.681	1.681
PLED6S	2.255	65.144	4.929	35.460

MTBF Calculation

Estimate of Failure Rate, MTBF, FITS for a Given Operation Temperature (See note)

2nd source of assembly & test Location _Lipa: **Temp ℃**	**% FR/khrs**	**MTBF (K)**	**FITS**
30	0.00000228	43,919,340	0.023
55	0.00004207	2,377,165	0.421
85	0.00081367	122,900	8.137
100	0.00299315	33,410	29.931
125	0.02109649	4,740	210.965
150	0.11805436	847.1	1,180.54

Note: The **M**ean-**T**ime-**B**etween-**F**ailure (MTBF) in hours and the percent failure rate per 1000 hours (%FR/khr) are computed at a 60% confidence level using the chi square method and the Arrhenius derating model for various junction operating temperatures. For the calculations, a value of 1 eV was used for the activation energy.

7.0 Changed Part Identification:

NA

8.0 Recommendations & Conclusions:

Based on the test results, it is determined that the 2nd assembly& test location_ Lipa is qualified and certified for production of Littelfuse DO-214AA Product Series.

9.0 Approvals:

Velus Garcia
Product Manager
Littelfuse, Inc.

PN List

Series	Affected Part Numbers
Pxxx0SxL	P0080SALRP
Pxxx0SxL	P1200SALRP
Pxxx0SxL	P2000SALRP
Pxxx0SxL	P0220SALRP
Pxxx0SxL	P2500SALRP
Pxxx0SxL	P0300SALRP
Pxxx0SxL	P0640SALRP
Pxxx0SxL	P0720SALRP
Pxxx0SxL	P0900SALRP
Pxxx0SxL	P1100SALRP
Pxxx0SxL	P1300SALRP
Pxxx0SxL	P1500SALRP
Pxxx0SxL	P1800SALRP
Pxxx0SxL	P2100SALRP
Pxxx0SxL	P2300SALRP
Pxxx0SxL	P2600SALRP
Pxxx0SxL	P3100SALRP
Pxxx0SxL	P3500SALRP
Pxxx0SxL	P0080SBLRP
Pxxx0SxL	P0220SBLRP
Pxxx0SxL	P0240SBLRP
Pxxx0SxL	P0300SBLRP
Pxxx0SxL	P0640SBLRP
Pxxx0SxL	P0720SBLRP
Pxxx0SxL	P0900SBLRP
Pxxx0SxL	P1100SBLRP
Pxxx0SxL	P1200SBLRP
Pxxx0SxL	P1300SBLRP
Pxxx0SxL	P1500SBLRP
Pxxx0SxL	P1800SBLRP
Pxxx0SxL	P2000SBLRP
Pxxx0SxL	P2100SBLRP
Pxxx0SxL	P2300SBLRP
Pxxx0SxL	P2500SBLRP
Pxxx0SxL	P2600SBLRP
Pxxx0SxL	P3100SBLRP
Pxxx0SxL	P3500SBLRP
Pxxx0SxL	P4500SBLRP
Pxxx0SxL	P0080SCLRP
Pxxx0SxL	P0220SCLRP
Pxxx0SxL	P0300SCLRP

Pxxx0SxL	P0380SCLRP
Pxxx0SxL	P0640SCLRP
Pxxx0SxL	P0720SCLRP
Pxxx0SxL	P0900SCLRP
Pxxx0SxL	P1100SCLRP
Pxxx0SxL	P1200SCLRP
Pxxx0SxL	P1300SCLRP
Pxxx0SxL	P1500SCLRP
Pxxx0SxL	P1800SCLRP
Pxxx0SxL	P2000SCLRP
Pxxx0SxL	P2100SCLRP
Pxxx0SxL	P2300SCLRP
Pxxx0SxL	P2500SCLRP
Pxxx0SxL	P2600SCLRP
Pxxx0SxL	P3100SCLRP
Pxxx0SxL	P3500SCLRP
Pxxx0SxL	P4500SCLRP
Pxxx0SxL	P3100STLRP
Pxxx0Sx	P3100SCHRP
Pxxx0SD	P0080SDLRP
Pxxx0SD	P0640SDLRP
Pxxx0SD	P0720SDLRP
Pxxx0SD	P0900SDLRP
Pxxx0SD	P1100SDLRP
Pxxx0SD	P1300SDLRP
Pxxx0SD	P1500SDLRP
Pxxx0SD	P1800SDLRP
Pxxx0SD	P2300SDLRP
Pxxx0SD	P2600SDLRP
Pxxx0SD	P2800SDLRP
Pxxx0SD	P3100SDLRP
Pxxx0SD	P3500SDLRP
MC Series	P0080SAMCLRP
MC Series	P0220SAMCLRP
MC Series	P0300SAMCLRP
MC Series	P0080SBMCLRP
MC Series	P0220SBMCLRP
MC Series	P0300SBMCLRP
MC Series	P0080SCMCLRP
MC Series	P0220SCMCLRP
MC Series	P0300SCMCLRP
MC Series	P0640SCMCLRP
MC Series	P0720SCMCLRP
MC Series	P0900SCMCLRP

MC Series	P1100SCMCLRP
MC Series	P1200SCMCLRP
MC Series	P1300SCMCLRP
MC Series	P1500SCMCLRP
MC Series	P1800SCMCLRP
MC Series	P2000SCMCLRP
MC Series	P2100SCMCLRP
MC Series	P2300SCMCLRP
MC Series	P2500SCMCLRP
MC Series	P2600SCMCLRP
MC Series	P3100SCMCLRP
MC Series	P3500SCMCLRP
MC Series	P4500SCMCLRP
Pxxx0SxLHL	P4500SBLHLRP
Pxxx0SxLHL	P4500SCLHLRP
Pxxx0SxLHL	P3100SDLHLRP
Pxxx0SxLHL	P4500SDLHLRP
pxxx1s	P0181SALRP
pxxx1s	P0641SALRP
pxxx1s	P0721SALRP
pxxx1s	P0901SALRP
pxxx1s	P1101SALRP
pxxx1s	P1301SALRP
pxxx1s	P1701SALRP
pxxx1s	P0641SCLRP
pxxx1s	P0721SCLRP
pxxx1s	P0901SCLRP
pxxx1s	P1101SCLRP
pxxx1s	P1201SCLRP
pxxx1s	P1301SCLRP
pxxx1s	P1701SCLRP
pxxx1s	P0641SDLRP
pxxx1s	P0721SDLRP
pxxx1s	P0901SDLRP
pxxx1s	P1101SDLRP
pxxx1s	P1301SDLRP
pxxx1s	P1701SDLRP
pxxx1s	P2601SDLRP
pxxx1s	P3101SDLRP
PLED	PLED6S
PLED	PLED9S
PLED	PLED13S
PLED	PLED18S
PLEDxUx	PLED6US

PLEDxUx	PLED9US
PLEDxUx	PLED13US
PLEDxUx	PLED18US
PLEDxUx	PLED35US
PLED Ultra Low IH	PLED64S
PLED Ultra Low IH	PLED70S
PLED Ultra Low IH	PLED90S
PLED Ultra Low IH	PLED110S
PLED Ultra Low IH	PLED130S
PLED Ultra Low IH	PLED150S
PLED Ultra Low IH	PLED180S
PLED Ultra Low IH	PLED230S
PLED Ultra Low IH	PLED260S
PLED Ultra Low IH	PLED310S
PLED Ultra Low IH	PLED350S
PLED Ultra Low IH	PLED380S
PLEDxUSxA	PLED6US2A
PLEDxUSxA	PLED6US3A
PLEDxUSxA	PLED9US3A

Series	Affected Part Numbers
Pxxx0SxL	P0080SALRP
Pxxx0SxL	P1200SALRP
Pxxx0SxL	P2000SALRP
Pxxx0SxL	P0220SALRP
Pxxx0SxL	P2500SALRP
Pxxx0SxL	P0300SALRP
Pxxx0SxL	P0640SALRP
Pxxx0SxL	P0720SALRP
Pxxx0SxL	P0900SALRP
Pxxx0SxL	P1100SALRP
Pxxx0SxL	P1300SALRP
Pxxx0SxL	P1500SALRP
Pxxx0SxL	P1800SALRP
Pxxx0SxL	P2100SALRP
Pxxx0SxL	P2300SALRP
Pxxx0SxL	P2600SALRP
Pxxx0SxL	P3100SALRP
Pxxx0SxL	P3500SALRP
Pxxx0SxL	P0080SBLRP
Pxxx0SxL	P0220SBLRP
Pxxx0SxL	P0240SBLRP
Pxxx0SxL	P0300SBLRP
Pxxx0SxL	P0640SBLRP
Pxxx0SxL	P0720SBLRP
Pxxx0SxL	P0900SBLRP
Pxxx0SxL	P1100SBLRP
Pxxx0SxL	P1200SBLRP
Pxxx0SxL	P1300SBLRP
Pxxx0SxL	P1500SBLRP
Pxxx0SxL	P1800SBLRP
Pxxx0SxL	P2000SBLRP
Pxxx0SxL	P2100SBLRP
Pxxx0SxL	P2300SBLRP
Pxxx0SxL	P2500SBLRP
Pxxx0SxL	P2600SBLRP
Pxxx0SxL	P3100SBLRP
Pxxx0SxL	P3500SBLRP
Pxxx0SxL	P4500SBLRP
Pxxx0SxL	P0080SCLRP
Pxxx0SxL	P0220SCLRP
Pxxx0SxL	P0300SCLRP
Pxxx0SxL	P0380SCLRP
Pxxx0SxL	P0640SCLRP
Pxxx0SxL	P0720SCLRP
Pxxx0SxL	P0900SCLRP
Pxxx0SxL	P1100SCLRP
Pxxx0SxL	P1200SCLRP

Pxxx0SxL	P1300SCLRP
Pxxx0SxL	P1500SCLRP
Pxxx0SxL	P1800SCLRP
Pxxx0SxL	P2000SCLRP
Pxxx0SxL	P2100SCLRP
Pxxx0SxL	P2300SCLRP
Pxxx0SxL	P2500SCLRP
Pxxx0SxL	P2600SCLRP
Pxxx0SxL	P3100SCLRP
Pxxx0SxL	P3500SCLRP
Pxxx0SxL	P4500SCLRP
Pxxx0SxL	P3100STLRP
Pxxx0Sx	P3100SCHRP
Pxxx0SD	P0080SDLRP
Pxxx0SD	P0640SDLRP
Pxxx0SD	P0720SDLRP
Pxxx0SD	P0900SDLRP
Pxxx0SD	P1100SDLRP
Pxxx0SD	P1300SDLRP
Pxxx0SD	P1500SDLRP
Pxxx0SD	P1800SDLRP
Pxxx0SD	P2300SDLRP
Pxxx0SD	P2600SDLRP
Pxxx0SD	P2800SDLRP
Pxxx0SD	P3100SDLRP
Pxxx0SD	P3500SDLRP
MC Series	P0080SAMCLRP
MC Series	P0220SAMCLRP
MC Series	P0300SAMCLRP
MC Series	P0080SBMCLRP
MC Series	P0220SBMCLRP
MC Series	P0300SBMCLRP
MC Series	P0080SCMCLRP
MC Series	P0220SCMCLRP
MC Series	P0300SCMCLRP
MC Series	P0640SCMCLRP
MC Series	P0720SCMCLRP
MC Series	P0900SCMCLRP
MC Series	P1100SCMCLRP
MC Series	P1200SCMCLRP
MC Series	P1300SCMCLRP
MC Series	P1500SCMCLRP
MC Series	P1800SCMCLRP
MC Series	P2000SCMCLRP
MC Series	P2100SCMCLRP
MC Series	P2300SCMCLRP
MC Series	P2500SCMCLRP
MC Series	P2600SCMCLRP

MC Series	P3100SCMCLRP
MC Series	P3500SCMCLRP
MC Series	P4500SCMCLRP
Pxxx0SxLHL	P4500SBLHLRP
Pxxx0SxLHL	P4500SCLHLRP
Pxxx0SxLHL	P3100SDLHLRP
Pxxx0SxLHL	P4500SDLHLRP
pxxx1s	P0181SALRP
pxxx1s	P0641SALRP
pxxx1s	P0721SALRP
pxxx1s	P0901SALRP
pxxx1s	P1101SALRP
pxxx1s	P1301SALRP
pxxx1s	P1701SALRP
pxxx1s	P0641SCLRP
pxxx1s	P0721SCLRP
pxxx1s	P0901SCLRP
pxxx1s	P1101SCLRP
pxxx1s	P1201SCLRP
pxxx1s	P1301SCLRP
pxxx1s	P1701SCLRP
pxxx1s	P0641SDLRP
pxxx1s	P0721SDLRP
pxxx1s	P0901SDLRP
pxxx1s	P1101SDLRP
pxxx1s	P1301SDLRP
pxxx1s	P1701SDLRP
pxxx1s	P2601SDLRP
pxxx1s	P3101SDLRP
PLED	PLED6S
PLED	PLED9S
PLED	PLED13S
PLED	PLED18S
PLEDxUx	PLED6US
PLEDxUx	PLED9US
PLEDxUx	PLED13US
PLEDxUx	PLED18US
PLEDxUx	PLED35US
PLED Ultra Low IH	PLED64S
PLED Ultra Low IH	PLED70S
PLED Ultra Low IH	PLED90S
PLED Ultra Low IH	PLED110S
PLED Ultra Low IH	PLED130S
PLED Ultra Low IH	PLED150S
PLED Ultra Low IH	PLED180S
PLED Ultra Low IH	PLED230S
PLED Ultra Low IH	PLED260S
PLED Ultra Low IH	PLED310S

PLED Ultra Low IH	PLED350S
PLED Ultra Low IH	PLED380S
PLEDxUSxA	PLED6US2A
PLEDxUSxA	PLED6US3A
PLEDxUSxA	PLED9US3A