



DATE: 23 September, 2021

PCN #: 2546

PCN Title: Transfer Assembly and Test Line to Diodes Subcontractor Eris Technology Corp. (ERIS) in Taiwan for Select Lite-On Semiconductor (LSC) Brand Automotive Products

Dear Customer:

This is an announcement of change(s) to products that are currently being offered by Diodes Incorporated.

We request that you acknowledge receipt of this notification within 30 days of the date of this PCN. If you require samples for evaluation purposes, please make a request immediately. Please refer to the implementation date of this change as it is stated in the attached PCN form. Please contact your local Diodes sales representative to acknowledge receipt of this PCN and for any sample requests.

The changes announced in this PCN will not be implemented earlier than 90 days from the notification date stated in the attached PCN form.

Previously agreed upon customer specific change process requirements or device specific requirements will be addressed separately.

For questions or clarification regarding this PCN, please contact your local Diodes sales representative.

Sincerely,

Diodes Incorporated PCN Team



PRODUCT CHANGE NOTICE**PCN-2546 REV1**

| Notification Date: | Implementation Date: | Product Family: | Change Type: | PCN #: |
|---|---|------------------------|---------------------|---------------|
| 23 September, 2021 | 23 December, 2021 | Discrete | Assembly Line | 2546 |
| TITLE | | | | |
| Transfer Assembly and Test Line to Diodes Subcontractor Eris Technology Corp. (ERIS) in Taiwan for Select Lite-On Semiconductor (LSC) Brand Automotive Products | | | | |
| DESCRIPTION OF CHANGE | | | | |
| <p>This PCN is being issued to notify customers that in order to assure continuity of supply Diodes will transfer the Diodes internal assembly and test line for the DO-218 package located in Keelung, Taiwan to Diodes' subcontractor Eris Technology Corporation (Eris) in Taoyuan, Taiwan for select Lite-On Semiconductor (LSC) brand automotive products.</p> <p>Full electrical characterization and reliability testing has been completed on representative part numbers built at Eris to ensure there is no change to product reliability, device functionality or electrical specifications in the datasheet.</p> <p>There will be no change to the Form, Fit, or Function of affected products.</p> | | | | |
| IMPACT | | | | |
| No change in datasheet parameters | | | | |
| PRODUCTS AFFECTED | | | | |
| Table 1 – Affected Automotive Products Table 2 – Part Marking Format Table 3 – Packing Information | | | | |
| WEB LINKS | | | | |
| Manufacturer's Notice: | https://www.diodes.com/quality/product-change-notices | | | |
| For More Information Contact: | https://www.diodes.com/about/contact-us | | | |
| Data Sheet: | https://www.diodes.com/catalog | | | |
| DISCLAIMER | | | | |
| Unless a Diodes Incorporated Sales representative is contacted in writing within 30 days of the posting of this notice, all changes described in this announcement are considered approved. | | | | |

| Table 1 - Affected Automotive Products | | | | | |
|--|----------|----------|----------|----------|----------|
| ALS5W10A | ALS5W22A | ALS6W11A | ALS6W24A | ALS8W12A | ALS8W26A |
| ALS5W11A | ALS5W24A | ALS6W12A | ALS6W26A | ALS8W13A | ALS8W28A |
| ALS5W12A | ALS5W26A | ALS6W13A | ALS6W28A | ALS8W14A | ALS8W30A |
| ALS5W13A | ALS5W28A | ALS6W14A | ALS6W30A | ALS8W15A | ALS8W33A |
| ALS5W14A | ALS5W30A | ALS6W15A | ALS6W33A | ALS8W16A | ALS8W36A |
| ALS5W15A | ALS5W33A | ALS6W16A | ALS6W36A | ALS8W17A | ALS8W40A |
| ALS5W16A | ALS5W36A | ALS6W17A | ALS6W40A | ALS8W18A | ALS8W43A |
| ALS5W17A | ALS5W40A | ALS6W18A | ALS6W43A | ALS8W20A | |
| ALS5W18A | ALS5W43A | ALS6W20A | ALS8W10A | ALS8W22A | |
| ALS5W20A | ALS6W10A | ALS6W22A | ALS8W11A | ALS8W24A | |

Note: All part numbers listed above are Lite-On Semiconductor (LSC) brand automotive part numbers. No Diodes Incorporated brand part numbers will be affected.

Table 2 – Part Marking Format

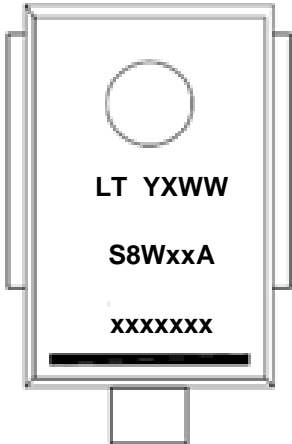
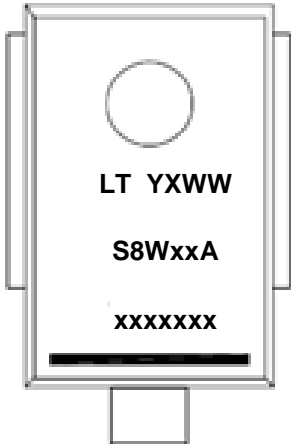
| Keelung Assembly and Test Site (Before) | ERIS Assembly and Test Site (After) |
|---|--|
| Marking format example | Marking format example |
|  |  |
| <p>Date code Y : For year X : Assembly site code, "J"= Keelung A/T. WW : Week code</p> <p>S8WxxA : Part number LT : Logo xxxxxx : Assembly tracking code</p> | <p>Date code Y : For year X : Assembly site code, "E"= ERIS A/T. WW : Week code</p> <p>S8WxxA : Part number LT : Logo xxxxxx : Assembly tracking code</p> |

Table 3 – Packing Information

| DEVICE | REEL DIA. | Q'TY/REEL | REEL/BOX | Q'TY/BOX | BOX/CARTON | Q'TY/CARTON | BOX SIZE | CARTON SIZE |
|---------------------------------------|-----------|-----------|----------|----------|------------|-------------|------------|-------------|
| | (INCH) | (PCS) | (REEL) | (PCS) | (BOX) | (PCS) | (mm) | (mm) |
| ALS8WxxA (Before - Keelung A/T) | 13 | 700 | 1 | 700 | 7 | 4900 | 345*355*43 | 355*346*376 |
| ALS8WxxA (After - Eris A/T) | 13 | 750 | 1 | 750 | 4 | 3000 | 360*340*52 | 382*360*240 |