



DATE: 21<sup>st</sup> May, 2019

PCN #: 2398

PCN Title: Transfer Assembly Lines to Eris Assembly Site (Plant 2) in Taoyuan, Taiwan from the Existing Assembly Site (Plant 1) in Taipei City, Taiwan for Select Discrete 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 within 30 days as well. Otherwise, samples may not be built prior to this change. 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-2398 REV 1**

<b>Notification Date:</b>	<b>Implementation Date:</b>	<b>Product Family:</b>	<b>Change Type:</b>	<b>PCN #:</b>
21 <sup>st</sup> May, 2019	21 <sup>st</sup> August, 2019	Discrete Semiconductors	Assembly Site	<b>2398</b>
<b>TITLE</b>				
Transfer Assembly Lines to Eris Assembly Site (Plant 2) in Taoyuan, Taiwan from the Existing Assembly Site (Plant 1) in Taipei City, Taiwan for Select Discrete Products				
<b>DESCRIPTION OF CHANGE</b>				
<p>This PCN is being issued to notify customers that Diodes' subcontractor, Eris Technology Corporation in Taiwan (Eris), will transfer the assembly lines before the plating process to a new assembly site (Plant 2) in Taoyuan, Taiwan from the existing assembly site (Plant 1). The Testing and Packing lines will remain in the existing assembly site (Plant 1) in Taipei city, Taiwan. Diodes Incorporated has qualified Eris Plant 2 as a new assembly site for part numbers listed below.</p> <p>Full electrical characterization and high reliability testing has been completed on representative part numbers to ensure there is no change to device functionality or electrical specifications in the datasheet. Refer to the attached qualification / reliability report (embedded in this file).</p> <p>There will be no change to the Form, Fit, or Function of products affected.</p>				
<b>IMPACT</b>				
Continuity of Supply. No change in data sheet electrical parameters and product performance.				
<b>PRODUCTS AFFECTED</b>				
Please refer to the affected part numbers listed below				
<b>WEB LINKS</b>				
<b>Manufacturer's Notice:</b>	<a href="https://www.diodes.com/quality/product-change-notices/diodes-product-change-notices/">https://www.diodes.com/quality/product-change-notices/diodes-product-change-notices/</a>			
<b>For More Information Contact:</b>	<a href="http://www.diodes.com/contacts">http://www.diodes.com/contacts</a>			
<b>Data Sheet:</b>	<a href="http://www.diodes.com/products">http://www.diodes.com/products</a>			
<b>DISCLAIMER</b>				
<b>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.</b>				



Affected Part List

1SMB5920B-13	3.0SMCJ30A-13	B180B-13-F	B280AE-13	B350B-13-F	ES2CA-13-F
1SMB5921B-13	3.0SMCJ5.0A-13	B180BE-13	B280BE-13	B350BE-13	ES2D-13-F
1SMB5922B-13	3.0SMCJ58A-13	B190-13-F	B290-13-F	B350CE-13	ES2DA-13-F
1SMB5923B-13	APD240VRTR-G1	B190AE-13	B290AE-13	B360-13-F	ES2G-13-F
1SMB5924B-13	APD340VRTR-G1	B190B-13-F	B290BE-13	B360A-13-F	ES3A-13-F
1SMB5925B-13	B1100-13-F	B190BE-13	B3100-13-F	B360AE-13	ES3AB-13-F
1SMB5926B-13	B1100AE-13	B2100-13-F	B3100B-13-F	B360AM-13-F	ES3B-13-F
1SMB5927B-13	B1100B-13-F	B2100A-13-F	B3100BE-13	B360B-13-F	ES3BB-13-F
1SMB5928B-13	B1100BE-13	B2100AE-13	B3100CE-13	B360BE-13	ES3C-13-F
1SMB5929B-13	B1100LB-13-F	B2100AF-13	B320-13-F	B360CE-13	ES3CB-13-F
1SMB5930B-13	B120-13-F	B2100BE-13	B320A-13-F	B370-13-F	ES3D-13-F
1SMB5931B-13	B120AE-13	B2100SAF-13	B320AE-13	B370BE-13	ES3DB-13-F
1SMB5932B-13	B120B-13-F	B220-13-F	B320B-13-F	B370CE-13	HS1D-13
1SMB5933B-13	B120BE-13	B220A-13-F	B320BE-13	B380-13-F	MBR2150VRTR-G1
1SMB5934B-13	B130-13-F	B220AE-13	B320CE-13	B380B-13-F	MBR230S1F-7
1SMB5935B-13	B130B-13-F	B220BE-13	B330-13-F	B380BE-13	MBR3100VRTR-G1
1SMB5936B-13	B130BE-13	B230-13-F	B330A-13-F	B380CE-13	P4SMAJ10ADF-13
1SMB5937B-13	B130L-13-F	B230A-13-F	B330AE-13	B390-13-F	P4SMAJ12ADF-13
1SMB5938B-13	B130LB-13-F	B230AE-13	B330B-13-F	B390BE-13	P4SMAJ13ADF-13
1SMB5939B-13	B140-13-F	B230BE-13	B330BE-13	B390CE-13	P4SMAJ15ADF-13
1SMB5940B-13	B140AE-13	B240-13-F	B330CE-13	B520C-13-F	P4SMAJ16ADF-13
1SMB5942B-13	B140B-13-F	B240A-13-F	B340-13-F	B520CE-13	P4SMAJ18ADF-13
1SMB5943B-13	B140BE-13	B240AE-13	B340A-13-F	B530C-13-F	P4SMAJ20ADF-13
1SMB5944B-13	B140HB-13-F	B240BE-13	B340A-13-G	B530CE-13	P4SMAJ22ADF-13
1SMB5945B-13	B150-13-F	B245AE-13	B340AE-13	B540C-13-F	P4SMAJ24ADF-13
1SMB5946B-13	B150AE-13	B245BE-13	B340AF-13	B540CE-13	P4SMAJ26ADF-13
1SMB5947B-13	B150B-13-F	B250-13-F	B340B-13-F	B550C-13-F	P4SMAJ28ADF-13
1SMB5949B-13	B150BE-13	B250A-13-F	B340BE-13	B560C-13-F	P4SMAJ30ADF-13
1SMB5950B-13	B160-13-F	B250AE-13	B340CE-13	ES1A-13-F	P4SMAJ33ADF-13
1SMB5951B-13	B160AE-13	B250BE-13	B340LA-13-F	ES1B-13-F	P4SMAJ36ADF-13
1SMB5952B-13	B160B-13-F	B260-13-F	B340LB-13-F	ES1C-13-F	P4SMAJ5.0ADF-13
1SMB5953B-13	B160BE-13	B260A-13-F	B345AE-13	ES1D-13-F	P4SMAJ6.0ADF-13
1SMB5954B-13	B170-13-F	B260AE-13	B345AF-13	ES1G-13-F	P4SMAJ60ADF-13
1SMB5955B-13	B170AE-13	B260BE-13	B345BE-13	ES2A-13-F	P4SMAJ7.5ADF-13
3.0SMCJ20A-13	B170B-13-F	B270-13-F	B345CE-13	ES2AA-13-F	P4SMAJ70ADF-13
3.0SMCJ22A-13	B170BE-13	B270AE-13	B350-13-F	ES2B-13-F	P4SMAJ85ADF-13
3.0SMCJ24A-13	B180-13-F	B270BE-13	B350A-13-F	ES2BA-13-F	P4SMAJ9.0ADF-13
3.0SMCJ28A-13	B180AE-13	B280-13-F	B350AE-13	ES2C-13-F	P6SMAJ10ADF-13

**Affected Part List (Cont'd)**

P6SMAJ11ADF-13	RS1B-13-F	RS3JB-13-F	S3B-13-F	SBR30A120CT-G	SMAJ13CA-13-F
P6SMAJ12ADF-13	RS1BB-13-F	RS3K-13-F	S3BB-13-F	SBR30A45CT-G	SMAJ14A-13-F
P6SMAJ13ADF-13	RS1D-13-F	RS3KB-13-F	S3D-13-F	SBR30A60CT-G	SMAJ14CA-13-F
P6SMAJ14ADF-13	RS1D-13-G	RS3M-13-F	S3DB-13-F	SBR3150SB-13	SMAJ150A-13-F
P6SMAJ15ADF-13	RS1DB-13-F	RS3MB-13-F	S3G-13-F	SBR3A40SA-13	SMAJ150CA-13-F
P6SMAJ16ADF-13	RS1G-13-F	S1A-13-F	S3GB-13-F	SBR3A40SAF-13	SMAJ15A-13-F
P6SMAJ17ADF-13	RS1GB-13-F	S1AB-13-F	S3J-13-F	SBR3U20SA-13	SMAJ15CA-13-F
P6SMAJ18ADF-13	RS1J-13-F	S1B-13-F	S3JB-13-F	SBR3U40S1F-7	SMAJ160A-13-F
P6SMAJ20ADF-13	RS1JB-13-F	S1BB-13-F	S3K-13-F	SBR545SAF-13	SMAJ160CA-13-F
P6SMAJ22ADF-13	RS1JDF-13	S1D-13-F	S3KB-13-F	SBRT3M40SA-13	SMAJ16A-13-F
P6SMAJ24ADF-13	RS1K-13-F	S1DB-13-F	S3M-13-F	SBRT3M60SA-13	SMAJ16CA-13-F
P6SMAJ26ADF-13	RS1KB-13-F	S1G-13-F	S3MB-13-F	SBRT3U45SA-13	SMAJ170A-13-F
P6SMAJ28ADF-13	RS1M-13-F	S1G-13-G	S5AC-13-F	SBRT3U45SAF-13	SMAJ170CA-13-F
P6SMAJ30ADF-13	RS1M-13-G	S1GB-13-F	S5BC-13-F	SBRT3U60SA-13	SMAJ17A-13-F
P6SMAJ33ADF-13	RS1MB-13-F	S1J-13-F	S5DC-13-F	SBRT3U60SAF-13	SMAJ17CA-13-F
P6SMAJ36ADF-13	RS1MDF-13	S1JB-13-F	S5GC-13-F	SBRT5A50SA-13	SMAJ18A-13-F
P6SMAJ40ADF-13	RS2A-13-F	S1K-13-F	S5JC-13-F	SBRT5A50SAF-13	SMAJ18CA-13-F
P6SMAJ43ADF-13	RS2AA-13-F	S1KB-13-F	S5KC-13-F	SDM160S1F-7	SMAJ200A-13-F
P6SMAJ45ADF-13	RS2B-13-F	S1M-13-F	S5MC-13-F	SDM1U100S1F-7	SMAJ200CA-13-F
P6SMAJ48ADF-13	RS2BA-13-F	S1MB-13-F	S8KC-13	SDM2100S1F-7	SMAJ20A-13-F
P6SMAJ5.0ADF-13	RS2D-13-F	S1MDF-13	S8MC-13	SDT3A45SA-13	SMAJ20CA-13-F
P6SMAJ51ADF-13	RS2G-13-F	S2A-13-F	S8NC-13	SDT5A50SAF-13	SMAJ22A-13-F
P6SMAJ54ADF-13	RS2GA-13-F	S2AA-13-F	SBR140S1F-7	SMAJ100A-13-F	SMAJ22CA-13-F
P6SMAJ58ADF-13	RS2J-13-F	S2B-13-F	SBR1A40SA-13	SMAJ100CA-13-F	SMAJ24A-13-F
P6SMAJ6.0ADF-13	RS2JA-13-F	S2BA-13-F	SBR1U150SA-13	SMAJ10A-13-F	SMAJ24CA-13-F
P6SMAJ6.5ADF-13	RS2K-13-F	S2D-13-F	SBR20100CT-G	SMAJ10CA-13-F	SMAJ26A-13-F
P6SMAJ60ADF-13	RS2KA-13-F	S2DA-13-F	SBR2045CT-G	SMAJ110A-13-F	SMAJ26CA-13-F
P6SMAJ64ADF-13	RS2M-13-F	S2G-13-F	SBR20A100CT-G	SMAJ110CA-13-F	SMAJ28A-13-F
P6SMAJ7.0ADF-13	RS2MA-13-F	S2GA-13-F	SBR20A40CT-G	SMAJ11A-13-F	SMAJ28CA-13-F
P6SMAJ7.5ADF-13	RS3A-13-F	S2J-13-F	SBR2A150SA-13	SMAJ11CA-13-F	SMAJ30A-13-F
P6SMAJ70ADF-13	RS3AB-13-F	S2JA-13-F	SBR2A40SA-13	SMAJ120A-13-F	SMAJ30CA-13-F
P6SMAJ78ADF-13	RS3B-13-F	S2K-13-F	SBR2M60S1F-7	SMAJ120CA-13-F	SMAJ33A-13-F
P6SMAJ8.0ADF-13	RS3BB-13-F	S2KA-13-F	SBR2U150SA-13	SMAJ12A-13-F	SMAJ33CA-13-F
P6SMAJ8.5ADF-13	RS3D-13-F	S2KDF-13	SBR2U30SA-13	SMAJ12A-13-G	SMAJ36A-13-F
P6SMAJ85ADF-13	RS3DB-13-F	S2M-13-F	SBR2U60S1F-7	SMAJ12CA-13-F	SMAJ36CA-13-F
P6SMAJ9.0ADF-13	RS3G-13-F	S2MA-13-F	SBR30A100CT	SMAJ130A-13-F	SMAJ40A-13-F
RS1A-13-F	RS3GB-13-F	S3A-13-F	SBR30A100CT-G	SMAJ130CA-13-F	SMAJ40CA-13-F
RS1AB-13-F	RS3J-13-F	S3AB-13-F	SBR30A120CT	SMAJ13A-13-F	SMAJ43A-13-F



**Affected Part List (Cont'd)**

SMAJ43CA-13-F	SMAJ9.0CA-13-F	SMBJ13A-13-F	SMBJ43A-13-F	SMBJ9.0A-13-F	SMCJ20CA-13-F
SMAJ45A-13-F	SMAJ90A-13-F	SMBJ13CA-13-F	SMBJ43CA-13-F	SMBJ9.0CA-13-F	SMCJ22A-13-F
SMAJ45CA-13-F	SMAJ90CA-13-F	SMBJ14A-13-F	SMBJ45A-13-F	SMBJ90A-13-F	SMCJ22CA-13-F
SMAJ48A-13-F	SMAT70A-13-F	SMBJ14CA-13-F	SMBJ45CA-13-F	SMBJ90CA-13-F	SMCJ24A-13-F
SMAJ48CA-13-F	SMAZ10-13-F	SMBJ150A-13-F	SMBJ48A-13-F	SMBT70A-13-F	SMCJ24CA-13-F
SMAJ5.0A-13-F	SMAZ12-13-F	SMBJ150CA-13-F	SMBJ48CA-13-F	SMCJ100A-13-F	SMCJ26A-13-F
SMAJ5.0CA-13-F	SMAZ15-13-F	SMBJ15A-13-F	SMBJ5.0A-13-F	SMCJ100CA-13-F	SMCJ26CA-13-F
SMAJ51A-13-F	SMAZ16-13-F	SMBJ15CA-13-F	SMBJ5.0CA-13-F	SMCJ10A-13-F	SMCJ28A-13-F
SMAJ51CA-13-F	SMAZ18-13-F	SMBJ160A-13-F	SMBJ51A-13-F	SMCJ10CA-13-F	SMCJ28CA-13-F
SMAJ54A-13-F	SMAZ20-13-F	SMBJ160CA-13-F	SMBJ51CA-13-F	SMCJ110A-13-F	SMCJ30A-13-F
SMAJ54CA-13-F	SMAZ22-13-F	SMBJ16A-13-F	SMBJ54A-13-F	SMCJ110CA-13-F	SMCJ30CA-13-F
SMAJ58A-13-F	SMAZ24-13-F	SMBJ16CA-13-F	SMBJ54CA-13-F	SMCJ11A-13-F	SMCJ33A-13-F
SMAJ58CA-13-F	SMAZ27-13-F	SMBJ170A-13-F	SMBJ58A-13-F	SMCJ11CA-13-F	SMCJ33CA-13-F
SMAJ6.0A-13-F	SMAZ30-13-F	SMBJ170CA-13-F	SMBJ58CA-13-F	SMCJ120A-13-F	SMCJ36A-13-F
SMAJ6.0CA-13-F	SMAZ33-13-F	SMBJ17A-13-F	SMBJ6.0A-13-F	SMCJ120CA-13-F	SMCJ36CA-13-F
SMAJ6.5A-13-F	SMAZ36-13-F	SMBJ17CA-13-F	SMBJ6.0CA-13-F	SMCJ12A-13-F	SMCJ40A-13-F
SMAJ6.5CA-13-F	SMAZ39-13-F	SMBJ180A-13-F	SMBJ6.5A-13-F	SMCJ12CA-13-F	SMCJ40CA-13-F
SMAJ60A-13-F	SMAZ5V1-13-F	SMBJ18A-13-F	SMBJ6.5CA-13-F	SMCJ130A-13-F	SMCJ43A-13-F
SMAJ60CA-13-F	SMAZ5V6-13-F	SMBJ18CA-13-F	SMBJ60A-13-F	SMCJ130CA-13-F	SMCJ43CA-13-F
SMAJ64A-13-F	SMAZ6V2-13-F	SMBJ200A-13-F	SMBJ60CA-13-F	SMCJ13A-13-F	SMCJ45A-13-F
SMAJ64CA-13-F	SMAZ6V8-13-F	SMBJ20A-13-F	SMBJ64A-13-F	SMCJ13CA-13-F	SMCJ45CA-13-F
SMAJ7.0A-13-F	SMAZ7V5-13-F	SMBJ20CA-13-F	SMBJ64CA-13-F	SMCJ14A-13-F	SMCJ48A-13-F
SMAJ7.0CA-13-F	SMAZ8V2-13-F	SMBJ22A-13-F	SMBJ7.0A-13-F	SMCJ14CA-13-F	SMCJ48CA-13-F
SMAJ7.5A-13-F	SMAZ9V1-13-F	SMBJ22CA-13-F	SMBJ7.0CA-13-F	SMCJ150A-13-F	SMCJ5.0A-13-F
SMAJ7.5CA-13-F	SMBJ100A-13-F	SMBJ24A-13-F	SMBJ7.5A-13-F	SMCJ150CA-13-F	SMCJ5.0CA-13-F
SMAJ70A-13-F	SMBJ100CA-13-F	SMBJ24CA-13-F	SMBJ7.5CA-13-F	SMCJ15A-13-F	SMCJ51A-13-F
SMAJ70CA-13-F	SMBJ10A-13-F	SMBJ26A-13-F	SMBJ70A-13-F	SMCJ15CA-13-F	SMCJ51CA-13-F
SMAJ75A-13-F	SMBJ10CA-13-F	SMBJ26CA-13-F	SMBJ70CA-13-F	SMCJ160A-13-F	SMCJ54A-13-F
SMAJ75CA-13-F	SMBJ110A-13-F	SMBJ28A-13-F	SMBJ75A-13-F	SMCJ160CA-13-F	SMCJ54CA-13-F
SMAJ78A-13-F	SMBJ110CA-13-F	SMBJ28CA-13-F	SMBJ75CA-13-F	SMCJ16A-13-F	SMCJ58A-13-F
SMAJ78CA-13-F	SMBJ11A-13-F	SMBJ30A-13-F	SMBJ78A-13-F	SMCJ16CA-13-F	SMCJ58CA-13-F
SMAJ8.0A-13-F	SMBJ11CA-13-F	SMBJ30CA-13-F	SMBJ78CA-13-F	SMCJ170A-13-F	SMCJ6.0A-13-F
SMAJ8.0CA-13-F	SMBJ120A-13-F	SMBJ33A-13-F	SMBJ8.0A-13-F	SMCJ170CA-13-F	SMCJ6.0CA-13-F
SMAJ8.5A-13-F	SMBJ120CA-13-F	SMBJ33CA-13-F	SMBJ8.0CA-13-F	SMCJ17A-13-F	SMCJ6.5A-13-F
SMAJ8.5CA-13-F	SMBJ12A-13-F	SMBJ36A-13-F	SMBJ8.5A-13-F	SMCJ17CA-13-F	SMCJ6.5CA-13-F
SMAJ85A-13-F	SMBJ12CA-13-F	SMBJ36CA-13-F	SMBJ8.5CA-13-F	SMCJ18A-13-F	SMCJ60A-13-F
SMAJ85CA-13-F	SMBJ130A-13-F	SMBJ40A-13-F	SMBJ85A-13-F	SMCJ18CA-13-F	SMCJ60CA-13-F
SMAJ9.0A-13-F	SMBJ130CA-13-F	SMBJ40CA-13-F	SMBJ85CA-13-F	SMCJ20A-13-F	SMCJ64A-13-F

**Affected Part List (Cont'd)**

SMCJ64CA-13-F	SMCJ70CA-13-F	SMCJ8.0CA-13-F	SMCJ90A-13-F	US1G-13-F	US1M-13-F
SMCJ7.0A-13-F	SMCJ75A-13-F	SMCJ8.5CA-13-F	SMCJ90CA-13-F	US1GWF-7	US1MDF-13
SMCJ7.0CA-13-F	SMCJ75CA-13-F	SMCJ85A-13-F	US1A-13-F	US1J-13-F	US1NWF-7
SMCJ7.5A-13-F	SMCJ78A-13-F	SMCJ85CA-13-F	US1B-13-F	US1JDF-13	US2JDF-13
SMCJ7.5CA-13-F	SMCJ78CA-13-F	SMCJ9.0A-13-F	US1D-13-F	US1K-13-F	US3M-13
SMCJ70A-13-F	SMCJ8.0A-13-F	SMCJ9.0CA-13-F	US1DWF-7		