

## Customer Notification (Information Note)

This is to inform you that minor change will be implemented to the affected product(s) and this notification is for your information.

**Customer Notification No:** IN21003

**Title:** Former Fairchild TVS Products SMB and SMC package Change to TSC Standard

**Issue Date:** 2021/4/29

If you have any questions concerning this change, please contact:

**PCN Coordinator**

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**Change Type:** Change of Packing, Label, Marking Requirement and Datasheet Revision

**Effectivity:**

Implementation Date: 2021/5/6

**Product Category (Description):**

TVS products in SMB and SMC packages assembled in TSC YEW Yangxin Facility.

The full list products affected are listed in the "List of Affected Devices" section.

**Description of Change:**

Taiwan Semiconductor Co. would like to inform our customer about the changes that will be implemented on the former Fairchild TVS products for SMB and SMC packages by 6<sup>th</sup> of May 2021.

All former Fairchild TVS parts were acquired by TSC last June 2018 and due to this, the products should use and follow TSC standards for packing and labeling requirement and marking specification.

This change will standardize all the TVS parts production requirement that TSC manufactures and provides to customers.

Product datasheet will be using the TSC product datasheet published in the website. The product specification shown in TSC datasheet is tighter compared with former Fairchild TVS parts. Further details of changes are incorporated with this letter.

There will be no changes on the product performance as this is the same parts shipped to customer.

**Effect of Change:**

There is no impact of the change since there is no change on form, fit and function and quality on the products.

**List of Affected Devices:**

| Family  | Package        | TSC P/N  |
|---------|----------------|----------|
| TVS GPP | DO-214AA (SMB) | SMBJ5V0A |
| TVS GPP | DO-214AA (SMB) | SMBJ6V0A |
| TVS GPP | DO-214AA (SMB) | SMBJ6V5A |
| TVS GPP | DO-214AA (SMB) | SMBJ7V0A |
| TVS GPP | DO-214AA (SMB) | SMBJ7V5A |
| TVS GPP | DO-214AA (SMB) | SMBJ8V0A |
| TVS GPP | DO-214AA (SMB) | SMBJ8V5A |
| TVS GPP | DO-214AA (SMB) | SMBJ9V0A |
| TVS GPP | DO-214AA (SMB) | SMBJ10A  |
| TVS GPP | DO-214AA (SMB) | SMBJ11A  |
| TVS GPP | DO-214AA (SMB) | SMBJ12A  |
| TVS GPP | DO-214AA (SMB) | SMBJ13A  |
| TVS GPP | DO-214AA (SMB) | SMBJ14A  |
| TVS GPP | DO-214AA (SMB) | SMBJ15A  |
| TVS GPP | DO-214AA (SMB) | SMBJ16A  |
| TVS GPP | DO-214AA (SMB) | SMBJ17A  |
| TVS GPP | DO-214AA (SMB) | SMBJ18A  |
| TVS GPP | DO-214AA (SMB) | SMBJ20A  |
| TVS GPP | DO-214AA (SMB) | SMBJ22A  |
| TVS GPP | DO-214AA (SMB) | SMBJ24A  |
| TVS GPP | DO-214AA (SMB) | SMBJ26A  |
| TVS GPP | DO-214AA (SMB) | SMBJ28A  |
| TVS GPP | DO-214AA (SMB) | SMBJ30A  |
| TVS GPP | DO-214AA (SMB) | SMBJ33A  |
| TVS GPP | DO-214AA (SMB) | SMBJ36A  |
| TVS GPP | DO-214AA (SMB) | SMBJ40A  |
| TVS GPP | DO-214AA (SMB) | SMBJ43A  |
| TVS GPP | DO-214AA (SMB) | SMBJ45A  |
| TVS GPP | DO-214AA (SMB) | SMBJ48A  |
| TVS GPP | DO-214AA (SMB) | SMBJ51A  |
| TVS GPP | DO-214AA (SMB) | SMBJ54A  |
| TVS GPP | DO-214AA (SMB) | SMBJ58A  |
| TVS GPP | DO-214AA (SMB) | SMBJ60A  |
| TVS GPP | DO-214AA (SMB) | SMBJ64A  |

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| TVS GPP   | DO-214AA (SMB) | SMBJ70A   |
| TVS GPP   | DO-214AA (SMB) | SMBJ75A   |
| TVS GPP   | DO-214AA (SMB) | SMBJ78A   |
| TVS GPP   | DO-214AA (SMB) | SMBJ85A   |
| TVS GPP   | DO-214AA (SMB) | SMBJ90A   |
| TVS GPP   | DO-214AA (SMB) | SMBJ100A  |
| TVS GPP   | DO-214AA (SMB) | SMBJ110A  |
| TVS GPP   | DO-214AA (SMB) | SMBJ120A  |
| TVS GPP   | DO-214AA (SMB) | SMBJ130A  |
| TVS GPP   | DO-214AA (SMB) | SMBJ150A  |
| TVS GPP   | DO-214AA (SMB) | SMBJ160A  |
| TVS GPP   | DO-214AA (SMB) | SMBJ170A  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ5V0CA |
| TVS GPP-C | DO-214AA (SMB) | SMBJ6V0CA |
| TVS GPP-C | DO-214AA (SMB) | SMBJ6V5CA |
| TVS GPP-C | DO-214AA (SMB) | SMBJ7V0CA |
| TVS GPP-C | DO-214AA (SMB) | SMBJ7V5CA |
| TVS GPP-C | DO-214AA (SMB) | SMBJ8V0CA |
| TVS GPP-C | DO-214AA (SMB) | SMBJ8V5CA |
| TVS GPP-C | DO-214AA (SMB) | SMBJ9V0CA |
| TVS GPP-C | DO-214AA (SMB) | SMBJ10CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ11CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ12CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ13CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ14CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ15CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ16CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ17CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ18CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ20CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ22CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ24CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ26CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ28CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ30CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ33CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ36CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ40CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ43CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ45CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ48CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ51CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ54CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ58CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ60CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ64CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ70CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ75CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ78CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ85CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ90CA  |
| TVS GPP-C | DO-214AA (SMB) | SMBJ100CA |
| TVS GPP-C | DO-214AA (SMB) | SMBJ110CA |

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| TVS GPP-C | DO-214AA (SMB) | SMBJ120CA |
| TVS GPP-C | DO-214AA (SMB) | SMBJ130CA |
| TVS GPP-C | DO-214AA (SMB) | SMBJ150CA |
| TVS GPP-C | DO-214AA (SMB) | SMBJ160CA |
| TVS GPP-C | DO-214AA (SMB) | SMBJ170CA |
| TVS GPP   | DO-214AB (SMC) | SMCJ5V0A  |
| TVS GPP   | DO-214AB (SMC) | SMCJ6V0A  |
| TVS GPP   | DO-214AB (SMC) | SMCJ6V5A  |
| TVS GPP   | DO-214AB (SMC) | SMCJ7V0A  |
| TVS GPP   | DO-214AB (SMC) | SMCJ7V5A  |
| TVS GPP   | DO-214AB (SMC) | SMCJ8V0A  |
| TVS GPP   | DO-214AB (SMC) | SMCJ8V5A  |
| TVS GPP   | DO-214AB (SMC) | SMCJ9V0A  |
| TVS GPP   | DO-214AB (SMC) | SMCJ10A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ11A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ12A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ13A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ14A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ15A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ16A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ17A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ18A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ20A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ22A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ24A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ26A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ28A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ30A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ33A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ36A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ40A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ43A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ45A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ48A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ51A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ54A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ58A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ60A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ64A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ70A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ75A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ78A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ85A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ90A   |
| TVS GPP   | DO-214AB (SMC) | SMCJ100A  |
| TVS GPP   | DO-214AB (SMC) | SMCJ110A  |
| TVS GPP   | DO-214AB (SMC) | SMCJ120A  |
| TVS GPP   | DO-214AB (SMC) | SMCJ130A  |
| TVS GPP   | DO-214AB (SMC) | SMCJ150A  |
| TVS GPP   | DO-214AB (SMC) | SMCJ160A  |
| TVS GPP   | DO-214AB (SMC) | SMCJ170A  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ5V0CA |
| TVS GPP-C | DO-214AB (SMC) | SMCJ6V0CA |

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| TVS GPP-C | DO-214AB (SMC) | SMCJ6V5CA |
| TVS GPP-C | DO-214AB (SMC) | SMCJ7V0CA |
| TVS GPP-C | DO-214AB (SMC) | SMCJ7V5CA |
| TVS GPP-C | DO-214AB (SMC) | SMCJ8V0CA |
| TVS GPP-C | DO-214AB (SMC) | SMCJ8V5CA |
| TVS GPP-C | DO-214AB (SMC) | SMCJ9V0CA |
| TVS GPP-C | DO-214AB (SMC) | SMCJ10CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ11CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ12CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ13CA  |
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| TVS GPP-C | DO-214AB (SMC) | SMCJ18CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ20CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ22CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ24CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ26CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ28CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ30CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ33CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ36CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ40CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ43CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ45CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ48CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ51CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ54CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ58CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ60CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ64CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ70CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ75CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ78CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ85CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ90CA  |
| TVS GPP-C | DO-214AB (SMC) | SMCJ100CA |
| TVS GPP-C | DO-214AB (SMC) | SMCJ110CA |
| TVS GPP-C | DO-214AB (SMC) | SMCJ120CA |
| TVS GPP-C | DO-214AB (SMC) | SMCJ130CA |
| TVS GPP-C | DO-214AB (SMC) | SMCJ150CA |
| TVS GPP-C | DO-214AB (SMC) | SMCJ160CA |
| TVS GPP-C | DO-214AB (SMC) | SMCJ170CA |