



## Product Change Notification: SYST-06BDFY653

**Date:**

08-Jan-2026

**Product Category:**

Power Discrete Components

**Notification Subject:**

Data Sheet - MSC040SMB120B4N 1200V, 40 mOhm mSiC™ MOSFET TO-247-4 Notch Datasheet

**Affected CPNs:**

[SYST-06BDFY653\\_Affected\\_CPN\\_01082026.pdf](#)

[SYST-06BDFY653\\_Affected\\_CPN\\_01082026.csv](#)

**Notification Text:****SYST-06BDFY653**

Microchip has released a new Datasheet for the MSC040SMB120B4N 1200V, 40 mOhm mSiC™ MOSFET TO-247-4 Notch Datasheet of devices. If you are using one of these devices please read the document located at [MSC040SMB120B4N 1200V, 40 mOhm mSiC™ MOSFET TO-247-4 Notch Datasheet](#).

**Notification Status:** Final

**Description of Change:**

Added RDS(on) value at 175 °C in Table 1-3.

**Impacts to Data Sheet:** See above details.

**Reason for Change:** To Improve Productivity.

**Change Implementation Status:** Complete

**Date Document Changes Effective:** 08 Jan 2026

**NOTE:** Please be advised that this is a change to the document only the product has not been changed.

**Markings to Distinguish Revised from Unrevised Devices:** N/A

## **Attachments:**

**MSC040SMB120B4N 1200V, 40 mOhm mSiC™ MOSFET TO-247-4 Notch Datasheet**

Please contact your local [\*\*Microchip sales office\*\*](#) with questions or concerns regarding this notification.

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