



Product Change Notification: SYST-060XGG809

Date:

08-Jan-2026

Product Category:

Power Discrete Components

Notification Subject:

Data Sheet - MSC045SMB120B4N 1200V, 45 mOhm mSiC™ MOSFET TO-247-4 Notch Datasheet

Affected CPNs:

[SYST-060XGG809_Affected_CPN_01082026.pdf](#)

[SYST-060XGG809_Affected_CPN_01082026.csv](#)

Notification Text:

SYST-060XGG809

Microchip has released a new Datasheet for the MSC045SMB120B4N 1200V, 45 mOhm mSiC™ MOSFET TO-247-4 Notch Datasheet of devices. If you are using one of these devices please read the document located at [MSC045SMB120B4N 1200V, 45 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:

MSC045SMB120B4N 1200V, 45 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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