



Product Change Notification: SYST-05OPNO612

Date:

06-Sep-2024

Product Category:

Power Discrete Components

Notification Subject:

Data Sheet - MSC015SMA070S 700V, 15 mOhm mSiC™ MOSFET D3PAK Datasheet

Affected CPNs:

[SYST-05OPNO612_Affected_CPN_09062024.pdf](#)

[SYST-05OPNO612_Affected_CPN_09062024.csv](#)

Notification Text:

SYST-05OPNO612

Microchip has released a new Datasheet for the MSC015SMA070S 700V, 15 mOhm mSiC™ MOSFET D3PAK Datasheet of devices. If you are using one of these devices please read the document located at **[MSC015SMA070S 700V, 15 mOhm mSiC™ MOSFET D3PAK Datasheet](#)**.

Notification Status: Final

Description of Change:

- Updated value for IDM in Table 1-1.
- Updated Table 1-2.
- Added VGS(th) (Max.) value in Table 1-3.
- Updated ID value (Test Conditions) in Table 1-4.
- Added VSD (Max.) value in Table 1-5.
- Updated ISD value (Test Conditions) in Table 1-5.
- Updated Typical Performance Curves and Package Outline Drawing.
- Added Recommended Land Pattern.

Impacts to Data Sheet: See above details.

Reason for Change: To improve productivity.

Change Implementation Status: Complete

Date Document Changes Effective: 06 Sep 2024

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:

MSC015SMA070S 700V, 15 mOhm mSiC™ MOSFET D3PAK Datasheet

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

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If you wish to change your PCN profile, including opt out, please go to the **PCN home page** select login and sign into your myMicrochip account. Select a profile option from