



## Product Change Notification: SYST-050PN0612

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### Date:

06-Sep-2024

### Product Category:

Power Discrete Components

### Notification Subject:

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

### Affected CPNs:

**[SYST-050PN0612\\_Affected\\_CPN\\_09062024.pdf](#)**

**[SYST-050PN0612\\_Affected\\_CPN\\_09062024.csv](#)**

### Notification Text:

SYST-050PN0612

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