



## Product Change Notification - SYST-17QQDG610

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**Date:**

20 Aug 2018

**Product Category:**

Switching Regulators

**Affected CPNs:**



**Notification subject:**

Data Sheet - MIC28512 - 70V 2A Synchronous Buck Regulator

**Notification text:**

SYST-17QQDG610

Microchip has released a new DeviceDoc for the MIC28512 - 70V 2A Synchronous Buck Regulator of devices. If you are using one of these devices please read the document located at [MIC28512 - 70V 2A Synchronous Buck Regulator](#).

**Notification Status:** Final

**Description of Change:**

- 1) Updated VIN value in Typical Application Circuit.
- 2) Updated Equation 4-3, Equation 5-6, Equation 5-10.
- 3) Updated Absolute Maximum Ratings & dagger;
- 4) Updated content in Section 4.5, Current Limit.
- 5) Added Section 4.6, Output Current Thermal Derating.
- 6) Added Section 5.7, Output Current Thermal Derating with SOA at High Input Voltage.
- 7) Added Section 7.1, Package Marking Information.
- 8) Various typographical edits.

**Impacts to Data Sheet:** None

**Reason for Change:** To Improve Manufacturability

**Change Implementation Status:** Complete

**Date Document Changes Effective:** 20 Aug 2018

**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

**Attachment(s):**

[MIC28512 - 70V 2A Synchronous Buck Regulator](#)

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Affected Catalog Part Numbers (CPN)

MIC28512-1YFL-T5

MIC28512-1YFL-TR

MIC28512-2YFL-T5

MIC28512-2YFL-TR