



Product Change Notification - SYST-17NOGJ470

Date:

20 Aug 2018

Product Category:

Switching Regulators

Affected CPNs:



Notification subject:

Data Sheet - MIC28513 - 45V 4A Synchronous Buck Regulator

Notification text:

SYST-17NOGJ470

Microchip has released a new DeviceDoc for the MIC28513 - 45V 4A Synchronous Buck Regulator of devices. If you are using one of these devices please read the document located at [MIC28513 - 45V 4A 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):

[MIC28513 - 45V 4A Synchronous Buck Regulator](#)

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

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Affected Catalog Part Numbers (CPN)

MIC28513-1YFL-T5

MIC28513-1YFL-TR

MIC28513-2YFL-T5

MIC28513-2YFL-TR