



Product Change Notification / SYST-16YNDV818

Date:

17-Mar-2021

Product Category:

Switching Regulators

PCN Type:

Document Change

Notification Subject:

Data Sheet - MIC28516 - 70V/8A Hyper Speed Control Synchronous DC/DC Buck Regulator with External Soft Start Datasheet Document Revision

Affected CPNs:

[SYST-16YNDV818_Affected_CPN_03172021.pdf](#)
[SYST-16YNDV818_Affected_CPN_03172021.csv](#)

Notification Text:

SYST-16YNDV818

Microchip has released a new Product Documents for the MIC28516 - 70V/8A Hyper Speed Control Synchronous DC/DC Buck Regulator with External Soft Start of devices. If you are using one of these devices please read the document located at [MIC28516 - 70V/8A Hyper Speed Control Synchronous DC/DC Buck Regulator with External Soft Start](#).

Notification Status: Final

Description of Change:

- 1) Updated Absolute Maximum Ratings.
- 2) Updated Operating Ratings.
- 3) Updated Table 1-2.
- 4) Updated Table 3-1.
- 5) Updated Section 4.3 "Current Limit".
- 6) Updated Section 4.5 "Internal MOSFET Gate Drive".
- 7) Updated Equation 5-11.
- 8) Updated Section 5.6 "Output Capacitor Selection".

Impacts to Data Sheet: None

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 17 Mar 2021

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:

[MIC28516 - 70V/8A Hyper Speed Control Synchronous DC/DC Buck Regulator with External Soft Start](#)

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

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Affected Catalog Part Numbers (CPN)

MIC28516T-E/PHA