



Product Change Notification: SYST-280EKD748

Date:

30-Jul-2025

Product Category:

Switching Regulators

Notification Subject:

Data Sheet - MCP16364/5/6 - 48V Input, 1A Output, 2.2 MHz Switching Frequency, Integrated Switch Step-Down Regulator

Affected CPNs:

[SYST-280EKD748_Affected_CPN_07302025.pdf](#)
[SYST-280EKD748_Affected_CPN_07302025.csv](#)

Notification Text:

SYST-280EKD748

Microchip has released a new Datasheet for the MCP16364/5/6 - 48V Input, 1A Output, 2.2 MHz Switching Frequency, Integrated Switch Step-Down Regulator of devices. If you are using one of these devices please read the document located at [MCP16364/5/6 - 48V Input, 1A Output, 2.2 MHz Switching Frequency, Integrated Switch Step-Down Regulator](#).

Notification Status: Final

Description of Change:

- Updated Figures 7-24, 7-29, 7-30
- Updated Equation 8-7
- Updated the Product Identification System section

Impacts to Data Sheet: See above details.

Reason for Change: To improve productivity.

Change Implementation Status: Complete

Date Document Changes Effective: 30 Jul 2025

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:

MCP16364/5/6 - 48V Input, 1A Output, 2.2 MHz Switching Frequency, Integrated Switch Step-Down Regulator

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

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