



Product Change Notification / SYST-23QYXT876

Date:

28-Mar-2023

Product Category:

Power Management - PWM Controllers

PCN Type:

Document Change

Notification Subject:

Data Sheet - MIC21LV32 36V, Dual Phase COT Buck Controller Stackable for Multiphase Operation

Affected CPNs:

[SYST-23QYXT876_Affected_CPN_03282023.pdf](#)
[SYST-23QYXT876_Affected_CPN_03282023.csv](#)

Notification Text:

SYST-23QYXT876

Microchip has released a new Datasheet for the MIC21LV32 36V, Dual Phase COT Buck Controller Stackable for Multiphase Operation of devices. If you are using one of these devices please read the document located at [MIC21LV32 36V, Dual Phase COT Buck Controller Stackable for Multiphase Operation](#).

Notification Status: Final

Description of Change: • Updated document layout.

- Minor corrections throughout.
- Updated Applications, General Description, Section 4.5.10 "Multiphasing (Stacking)" and Section 5.2 "Output Capacitor Selection" to include additional information. • Updated Section 1.0 "Electrical Characteristics", Section 3.0 "Pin Descriptions", Section 4.0 "Functional Description", Section 5.0 "Application Information" and Section 7.0 "Packaging Information" to better describe the part.
- Updated the Electrical Characteristics(1) table.
- Updated the following figures: Typical Application Circuits, Functional Block Diagram, Figure 2-34, Figure 2-35, Figure 4-4, Figure 4-5, Figure 4-11, Figure 4-13, Figure 4-18, Figure 5-1 and Figure 5-2.
- Updated the following equations: Equation 4-4, Equation 4-22, Equation 4-23, Equation 4-24, Equation 4-26, Equation 5-8, Equation 5-16, Equation 5-17, Equation 5-19, Equation 5-20, Equation 5-25, Equation 5-39, Equation 5-43 and Equation 5-44

Impacts to Data Sheet: See above details.

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 28 March 2023

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:

[MIC21LV32 36V, Dual Phase COT Buck Controller Stackable for Multiphase Operation](#)

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

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Affected Catalog Part Numbers (CPN)

MIC21LV32YML-TR