



Product Change Notification: SYST-23VAQK627

Date:

26-Sep-2024

Product Category:

Clock and Timing - Clock Generation

Notification Subject:

Data Sheet - SM802xxx - Flexible Ultra-Low Jitter Clock Synthesizer

Affected CPNs:

[SYST-23VAQK627_Affected_CPN_09262024.pdf](#)

[SYST-23VAQK627_Affected_CPN_09262024.csv](#)

Notification Text:

SYST-23VAQK627

Microchip has released a new Datasheet for the SM802xxx - Flexible Ultra-Low Jitter Clock Synthesizer of devices. If you are using one of these devices please read the document located at **[SM802xxx - Flexible Ultra-Low Jitter Clock Synthesizer](#)**.

Data Sheet - SM802xxx - Flexible Ultra-Low Jitter Clock Synthesizer

Notification Status: Final

Description of Change:• Added PCIe Compliance bullet to Features.

- Updated Gigabit Ethernet bullet in Applications.
- Updated all package drawing outlines and added the Package Marking Information section.
- Changed all instances of QFN in the document to VQFN.
- Added PCIe Refclk Jitter value to LVDS AC Electrical Characteristics and HCSL AC Electrical Characteristics.

Impacts to Data Sheet: See above details.

Reason for Change: To improve productivity.

Change Implementation Status: Complete

Date Document Changes Effective: 26 Sep 2024

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:

SM802xxx - Flexible Ultra-Low Jitter Clock Synthesizer

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

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Affected Catalog Part Numbers (CPN)

- SM802134UMG
- SM802191UMG
- SM802194UMG
- SM802214UMG
- SM802215UMG
- SM802285UMG
- SM802314UMG
- SM802319UMG
- SM802320UMG
- SM802354UMG
- SM802355UMG
- SM802366UMG
- SM802369UMG
- SM802370UMG
- SM802371UMG
- SM802231UMG
- SM802373UMG
- SM802181UMG
- SM802376UMG
- SM802380UMG
- SM802390UMG
- SM802393UMG
- SM802399UMG
- SM802402UMG
- SM802405UMG
- SM802406UMG
- SM802413UMG
- SM802419UMG
- SM802420UMG
- SM802421UMG
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