



Customer Information Notification

202104039I : S12ZVC/A/12/19/96/64 Reference Manual and Data Sheet Update to rev 2.3

Note: This notice is NXP Company Proprietary.

Issue Date: May 20, 2021 **Effective date:** May 21, 2021

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Change Category

Wafer Fab Process Assembly Process Product Marking Test Process Design

Wafer Fab Materials Assembly Materials Mechanical Specification Test Equipment Errata

Wafer Fab Location Assembly Location Packing/Shipping/Labeling Test Location Electrical spec./Test coverage

Firmware Other: Reference manual and data sheet update.

PCN Overview

Description

NXP Semiconductors announces an update of Data Sheet and Reference Manual for the S12ZVC/A/12/19/96/64 from revision 2.2 to revision 2.3. The revision history included in the updated document provides details description of the changes.

Reference Manual and Data sheet changes:

1. Table 1-1 was updated to include 150C temperature option, upcoming TSMC10 mask set 1P81C.
2. Table 1-4 was updated to include upcoming TSMC10 mask set 0/1P81C.
3. Table I-2 was updated to include upcoming TSMC10 mask set 0/1P81C.
4. Appendix I, ordering information was updated to include new 150C temperature option parts and inclusion of upcoming TSMC10 mask set 1P81C in the mask set identifier.

The S12ZVC/A/12/19/96/64 data sheet and reference manual revision 2.3 is attached to this notification and can be found at:

https://www.nxp.com/products/processors-and-microcontrollers/additional-mpu-mcus-architectures/s12-magniv-mixed-signal-mcus/s12zvc-mixed-signal-mcu-for-automotive-industrial-can-applications:S12ZVC?tab=Documentation_Tab

Corresponding ZVEI Delta Qualification Matrix ID: SEM-DS-02

Reason

The data sheet and reference manual have been updated to include 48LQFP Grade 0/ Option W option and upcoming TSMC10 mask set 0/1P81C.

Identification of Affected Products

Product identification does not change

Anticipated Impact on Form, Fit, Function, Reliability or Quality

No Impact on form, fit, function, reliability or quality

Data Sheet Revision

A new datasheet will be issued

Contact and Support

For all inquiries regarding the ePCN tool application or access issues, please contact NXP "Global Quality Support Team".

For all Quality Notification content inquiries, please contact your local NXP Sales Support team.

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NXP Quality Management Team.

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Changed Orderable Part#	12NC	Changed Orderable Part#	12NC
S912ZVC12F0MKH	935322402557	S912ZVC96F0MLFR	935312973528
S912ZVC12F0MKHR	935322402528	S912ZVC96F0VLF	935386068557
S912ZVC12F0MLF	935312538557	S912ZVC96F0VLFR	935386068528
S912ZVC12F0MLFR	935312538528	S912ZVCA19F0MKH	935317743557
S912ZVC12F0VKH	935320591557	S912ZVCA19F0MLF	935313152557
S912ZVC12F0VKHR	935320591528	S912ZVCA19F0MLFR	935313152528
S912ZVC12F0VLF	935320618557	S912ZVCA19F0VLF	935322502557
S912ZVC12F0VLFR	935320618528	S912ZVCA19F0VLFR	935322502528
S912ZVC19F0MKH	935315208557	S912ZVCA19F0WKH	935312421557
S912ZVC19F0MKHR	935315208528	S912ZVCA19F1WLF	935399606557
S912ZVC19F0MLF	935318326557	S912ZVCA19F1WLFR	935399606528
S912ZVC19F0MLFR	935318326528	S912ZVCA64F0CLF	935333111557
S912ZVC19F0VKH	935312621557	S912ZVCA64F0CLFR	935333111528
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S912ZVC19F0VLFR	935320842528	S912ZVCA64F0VLF	935375244557
S912ZVC19F1WLF	935399646557	S912ZVCA64F0VLFR	935375244528
S912ZVC19F1WLFR	935399646528	S912ZVCA64F0WKH	935323896557
S912ZVC64F0CLF	935333108557	S912ZVCA96F0MLF	935316267557
S912ZVC64F0CLFR	935333108528	S912ZVCA96F0MLFR	935316267528
S912ZVC64F0MKH	935315885557	S912ZVCA96F0VLF	935316485557
S912ZVC64F0MKHR	935315885528	S912ZVC12AVKHR	935426676528
S912ZVC64F0MLF	935316231557	S912ZVC12AVKH	935426676557
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S912ZVC64F0VLF	935324979557	S912ZVC12F1MLF	935422804557
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S912ZVC96F0CLF	935377439557	S912ZVC19AMKHR	935426664528
S912ZVC96F0MKH	935324998557	S912ZVCA19F1WKH	935422334557
S912ZVC96F0MKHR	935324998528	S912ZVCA96F0MKHR	935420419528
S912ZVC96F0MLF	935312973557	S912ZVCA96F0MKH	935420419557