



Customer Information Notification

202401018I : S32G3 Reference Manual Update from Rev3.1 to Rev4

Note: This notice is NXP Company Proprietary.

Issue Date: Mar 21, 2024 **Effective Date:** Mar 22, 2024

Here is your personalized communication about an NXP notification.
For detailed information we invite you to view this notification online

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 Update				

Notification Overview

Description

NXP Semiconductors announces an update of the Reference Manual for S32G3 from Revision 3.1 to Revision 4.

The revision history (Appendix) included in the updated document provides a detailed description of the changes.

The S32G3 Rev. 4 Reference Manual can be found at:
<https://www.nxp.com/products/processors-and-microcontrollers/s32-automotive-platform/s32g-vehicle-network-processors/s32g3-processors-for-vehicle-networking:S32G3>

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

Reason

The Reference Manual has been updated to provide additional technical clarification.

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

Additional information

Additional documents: view online

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.

For specific questions on this notice or the products affected please contact our specialist directly:

Name	NXP Tech Support
Position	NXP Technical Support
e-mail address	tech.support@nxp.com

At NXP Semiconductors we are constantly striving to improve our product and processes to ensure they reach the highest possible Quality Standards. Customer Focus, Passion to Win.

NXP Quality Management Team.

About NXP Semiconductors

NXP Semiconductors N.V. (NASDAQ: NXPI) provides High Performance Mixed Signal and Standard Product solutions that leverage its leading RF, Analog, Power Management, Interface, Security and Digital Processing expertise. These innovations are used in a wide range of automotive, identification, wireless infrastructure, lighting, industrial, mobile, consumer and computing applications.

You have received this email because you are a designated contact or subscribed to NXP Quality Notifications. NXP shall not be held liable if this Notification is not correctly distributed within your organization.

This message has been automatically distributed. Please do not reply.

NXP Semiconductors
High Tech Campus, 5656 AG Eindhoven, The Netherlands

© 2006-2024 NXP Semiconductors. All rights reserved.

12NC	Orderable Part Number	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
935443003518	S32G378AACK1VUCR	S32G378AACK1VUCR	8xA53 - 1.1GHz, 4xM7 - 4	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935443003557	S32G378AACK1VUCT	S32G378AACK1VUCT	8xA53 - 1.1GHz, 4xM7 - 4	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935461422557	S32G378AADK1VUCT	S32G378AADK1VUCT	Cores: 4xA53 & 3xM7, 1.4	FCPBGA525L	SOT1655-3	ASM	No	BLAC
935461422518	S32G378AADK1VUCR	S32G378AADK1VUCR	Cores: 4xA53 & 3xM7, 1.4	FCPBGA525L	SOT1655-3	ASM	No	BLAC
935452805557	S32G378ASAK1VUCT	S32G378ASAK1VUCT	4x Cortex-- A53 1Ghz, Pr	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935452805518	S32G378ASAK1VUCR	S32G378ASAK1VUCR	4x Cortex-- A53 1Ghz, Pr	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935443005557	S32G378ASCK1VUCT	S32G378ASCK1VUCT	4xA53 - 1.3GHz, 3xM7 - 4	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935443005518	S32G378ASCK1VUCR	S32G378ASCK1VUCR	4xA53 - 1.3GHz, 3xM7 - 4	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935461424518	S32G378ASDK1VUCR	S32G378ASDK1VUCR	Cores: 4xA53 & 3xM7, 1.4	FCPBGA525L	SOT1655-3	ASM	No	BLAC
935461424557	S32G378ASDK1VUCT	S32G378ASDK1VUCT	Cores: 4xA53 & 3xM7, 1.4	FCPBGA525L	SOT1655-3	ASM	No	BLAC
935443007557	S32G379AACK1VUCT	S32G379AACK1VUCT	4xA53 - 1.3GHz, 4xM7 - 4	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935443007518	S32G379AACK1VUCR	S32G379AACK1VUCR	4xA53 - 1.3GHz, 4xM7 - 4	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935461426557	S32G379AADK1VUCT	S32G379AADK1VUCT	Cores: 4xA53 & 4xM7, 1.4	FCPBGA525L	SOT1655-3	ASM	No	BLAC
935461426518	S32G379AADK1VUCR	S32G379AADK1VUCR	Cores: 4xA53 & 4xM7, 1.4	FCPBGA525L	SOT1655-3	ASM	No	BLAC
935443009518	S32G379ASCK1VUCR	S32G379ASCK1VUCR	4xA53 - 1.3GHz, 4xM7 - 4	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935443009557	S32G379ASCK1VUCT	S32G379ASCK1VUCT	4xA53 - 1.3GHz, 4xM7 - 4	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935461428518	S32G379ASDK1VUCR	S32G379ASDK1VUCR	Cores: 4xA53 & 4xM7, 1.4	FCPBGA525L	SOT1655-3	ASM	No	BLAC
935461428557	S32G379ASDK1VUCT	S32G379ASDK1VUCT	Cores: 4xA53 & 4xM7, 1.4	FCPBGA525L	SOT1655-3	ASM	No	BLAC
935439451557	S32G398AAAK1VUCT	S32G398AAAK1VUCT	3xM7 400MHz, 8xA53 1GHz	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935439963557	S32G398AABK1VUCT	S32G398AABK1VUCT	8xA53 - 1.1GHz, 3xM7 - 4	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935440431557	S32G398AACK1VUCT	S32G398AACK1VUCT	8xA53 - 1.3GHz, 3xM7 - 4	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935440431518	S32G398AACK1VUCR	S32G398AACK1VUCR	8xA53 - 1.3GHz, 3xM7 - 4	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935461431557	S32G398AADK1VUCT	S32G398AADK1VUCT	Cores: 8xA53 & 3xM7, 1.4	FCPBGA525L	SOT1655-3	ASM	No	BLAC
935461431518	S32G398AADK1VUCR	S32G398AADK1VUCR	Cores: 8xA53 & 3xM7, 1.4	FCPBGA525L	SOT1655-3	ASM	No	BLAC
935440432557	S32G398ASAK1VUCT	S32G398ASAK1VUCT	8xA53 - 1.0GHz, 3xM7 - 4	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935440433557	S32G398ASBK1VUCT	S32G398ASBK1VUCT	8xA53 - 1.1GHz, 3xM7 - 4	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935440434557	S32G398ASCK1VUCT	S32G398ASCK1VUCT	8xA53 - 1.3GHz, 3xM7 - 4	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935440434518	S32G398ASCK1VUCR	S32G398ASCK1VUCR	8xA53 - 1.3GHz, 3xM7 - 4	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935461433557	S32G398ASDK1VUCT	S32G398ASDK1VUCT	Cores: 8xA53 & 3xM7, 1.4	FCPBGA525L	SOT1655-3	ASM	No	BLAC
935461433518	S32G398ASDK1VUCR	S32G398ASDK1VUCR	Cores: 8xA53 & 3xM7, 1.4	FCPBGA525L	SOT1655-3	ASM	No	BLAC
935439966557	S32G399AAK1VUCT	S32G399AAK1VUCT	8xA53 - 1.0GHz, 4xM7 - 4	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935439967557	S32G399AABK1VUCT	S32G399AABK1VUCT	8xA53 - 1.1GHz, 4xM7 - 4	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935439968518	S32G399AACK1VUCR	S32G399AACK1VUCR	Cores - 8xA53 & 4xM7, 20	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935439968557	S32G399AACK1VUCT	S32G399AACK1VUCT	Cores - 8xA53 & 4xM7, 20	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935461435557	S32G399AADK1VUCT	S32G399AADK1VUCT	Cores: 8xA53 & 4xM7, 1.4	FCPBGA525L	SOT1655-3	ASM	No	BLAC
935461435518	S32G399AADK1VUCR	S32G399AADK1VUCR	Cores: 8xA53 & 4xM7, 1.4	FCPBGA525L	SOT1655-3	ASM	No	BLAC
935439969557	S32G399ASAK1VUCT	S32G399ASAK1VUCT	8xA53 - 1.0GHz, 4xM7 - 4	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935439964557	S32G399ASBK1VUCT	S32G399ASBK1VUCT	8xA53 - 1.1GHz, 4xM7 - 4	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935439965557	S32G399ASCK1VUCT	S32G399ASCK1VUCT	Cores - 8xA53 & 4xM7, 20	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935439965518	S32G399ASCK1VUCR	S32G399ASCK1VUCR	Cores - 8xA53 & 4xM7, 20	FCPBGA525L	SOT1655-3	RFS	No	BLAC
935461437557	S32G399ASDK1VUCT	S32G399ASDK1VUCT	Cores: 8xA53 & 4xM7, 1.4	FCPBGA525L	SOT1655-3	ASM	No	BLAC
935461437518	S32G399ASDK1VUCR	S32G399ASDK1VUCR	Cores: 8xA53 & 4xM7, 1.4	FCPBGA525L	SOT1655-3	ASM	No	BLAC