Customer Information Notification

202401001I : S32G2 Reference Manual Update from Rev7 to Rev8

Note: This notice is NXP Company Proprietary.

Issue Date: Mar 08, 2024 **Effective date:Mar 09, 2024**

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Change Category

[ ]Wafer Fab Process	[ ]Assembly Process	[ ]Product Marking	[ ]Test Process	[ ]Design
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[ ]Firmware	[X]Other: Reference Manual			

PCN Overview

Description

NXP Semiconductors announces S32G2 Reference Manual update from Rev7 to Rev8.

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

The S32G2 Reference Manual is attached to this notification and can be found at:
https://www.nxp.com/products/processors-and-microcontrollers/s32-automotive-platform/s32g-vehicle-network-processors/s32g2-processors-for-vehicle-networking:S32G2

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

Reason

The Reference Manual has been updated to provide additional technical clarification on some device features.

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 Tech Support
Position	NXP Tech 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.

NXP Semiconductors
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Orderable Part Number#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line	Notes
S32G233AAAK1VUCR	935452624518	S32G233AAAK1VUCR	2xA53 cores, 800Mhz, 1xM	FCPBGA525L	SOT1655-3	RFS	No	BLAC	
S32G233AAAK1VUCT	935452624557	S32G233AAAK1VUCT	2xA53 cores, 800Mhz, 1xM	FCPBGA525L	SOT1655-3	RFS	No	BLAC	
S32G233AABK0CUCR	935419461518	S32G233AABK0CUCR	2xA53 1GHz, 1xM7 400MHz,	FCPBGA525L	SOT1655-3	WIT	No	BLAC	
S32G233AABK0CUCT	935419461557	S32G233AABK0CUCT	2xA53 1GHz, 1xM7 400MHz,	FCPBGA525L	SOT1655-3	WIT	No	BLAC	
S32G233AABK0VUCR	935419844518	S32G233AABK0VUCR	2xA53 1GHz, 1xM7 400MHz,	FCPBGA525L	SOT1655-3	DOD	No	BLAC	
S32G233AABK0VUCT	935419844557	S32G233AABK0VUCT	2xA53 1GHz, 1xM7 400MHz,	FCPBGA525L	SOT1655-3	DOD	No	BLAC	
S32G233AABK1VUCR	935443178518	S32G233AABK1VUCR	2xA53 1GHz, 1xM7 400MHz,	FCPBGA525L	SOT1655-3	RFS	No	BLAC	
S32G233AABK1VUCT	935443178557	S32G233AABK1VUCT	2xA53 1GHz, 1xM7 400MHz,	FCPBGA525L	SOT1655-3	RFS	No	BLAC	
S32G233ASAK1VUCR	935452834518	S32G233ASAK1VUCR	2xA53 cores 800Mhz, 1xM	FCPBGA525L	SOT1655-3	RFS	No	BLAC	
S32G233ASAK1VUCT	935452834557	S32G233ASAK1VUCT	2xA53 cores 800Mhz, 1xM	FCPBGA525L	SOT1655-3	RFS	No	BLAC	
S32G233ASBK0VUCR	935419477518	S32G233ASBK0VUCR	2xA53 1GHz, 1xM7 400MHz,	FCPBGA525L	SOT1655-3	DOD	No	BLAC	
S32G233ASBK0VUCT	935419477557	S32G233ASBK0VUCT	2xA53 1GHz, 1xM7 400MHz,	FCPBGA525L	SOT1655-3	DOD	No	BLAC	
S32G233ASBK1VUCR	935443181518	S32G233ASBK1VUCR	2xA53 1GHz, 1xM7 400MHz,	FCPBGA525L	SOT1655-3	RFS	No	BLAC	
S32G233ASBK1VUCT	935443181557	S32G233ASBK1VUCT	2xA53 1GHz, 1xM7 400MHz,	FCPBGA525L	SOT1655-3	RFS	No	BLAC	
S32G234MABK0VUCR	935419846518	S32G234MABK0VUCR	3xM7 400MHz, 8M System S	FCPBGA525L	SOT1655-3	DOD	No	BLAC	
S32G234MABK0VUCT	935419846557	S32G234MABK0VUCT	3xM7 400MHz, 8M System S	FCPBGA525L	SOT1655-3	DOD	No	BLAC	
S32G234MABK1VUCR	935443183518	S32G234MABK1VUCR	3xM7 400MHz, 8M System S	FCPBGA525L	SOT1655-3	RFS	No	BLAC	
S32G234MABK1VUCT	935443183557	S32G234MABK1VUCT	3xM7 400MHz, 8M System S	FCPBGA525L	SOT1655-3	RFS	No	BLAC	
S32G234MSBK0VUCR	935419479518	S32G234MSBK0VUCR	3xM7 400MHz, 8M System S	FCPBGA525L	SOT1655-3	DOD	No	BLAC	
S32G234MSBK0VUCT	935419479557	S32G234MSBK0VUCT	3xM7 400MHz, 8M System S	FCPBGA525L	SOT1655-3	DOD	No	BLAC	
S32G234MSBK1VUCR	935443185518	S32G234MSBK1VUCR	3xM7 400MHz, 8M System S	FCPBGA525L	SOT1655-3	RFS	No	BLAC	
S32G234MSBK1VUCT	935443185557	S32G234MSBK1VUCT	3xM7 400MHz, 8M System S	FCPBGA525L	SOT1655-3	RFS	No	BLAC	
S32G254AABK0CUCR	935419463518	S32G254AABK0CUCR	2xA53 1GHz, 3xM7 400MHz,	FCPBGA525L	SOT1655-3	WIT	No	BLAC	
S32G254AABK0CUCT	935419463557	S32G254AABK0CUCT	2xA53 1GHz, 3xM7 400MHz,	FCPBGA525L	SOT1655-3	WIT	No	BLAC	
S32G254AABK0VUCR	935419848518	S32G254AABK0VUCR	2xA53 1GHz, 3xM7 400MHz,	FCPBGA525L	SOT1655-3	DOD	No	BLAC	
S32G254AABK0VUCT	935419848557	S32G254AABK0VUCT	2xA53 1GHz, 3xM7 400MHz,	FCPBGA525L	SOT1655-3	DOD	No	BLAC	
S32G254AABK1VUCR	935443192518	S32G254AABK1VUCR	2xA53 1GHz, 3xM7 400MHz,	FCPBGA525L	SOT1655-3	RFS	No	BLAC	
S32G254AABK1VUCT	935443192557	S32G254AABK1VUCT	2xA53 1GHz, 3xM7 400MHz,	FCPBGA525L	SOT1655-3	RFS	No	BLAC	
S32G254ASBK0VUCR	935419482518	S32G254ASBK0VUCR	2xA53 1GHz, 3xM7 400MHz,	FCPBGA525L	SOT1655-3	DOD	No	BLAC	
S32G254ASBK0VUCT	935419482557	S32G254ASBK0VUCT	2xA53 1GHz, 3xM7 400MHz,	FCPBGA525L	SOT1655-3	DOD	No	BLAC	
S32G254ASBK1VUCR	935443194518	S32G254ASBK1VUCR	2xA53 1GHz, 3xM7 400MHz,	FCPBGA525L	SOT1655-3	RFS	No	BLAC	
S32G254ASBK1VUCT	935443194557	S32G254ASBK1VUCT	2xA53 1GHz, 3xM7 400MHz,	FCPBGA525L	SOT1655-3	RFS	No	BLAC	
S32G274AABK0CUCR	935419465518	S32G274AABK0CUCR	4xA53 1GHz, 3xM7 400MHz,	FCPBGA525L	SOT1655-3	DOD	No	BLAC	
S32G274AABK0CUCT	935419465557	S32G274AABK0CUCT	4xA53 1GHz, 3xM7 400MHz,	FCPBGA525L	SOT1655-3	DOD	No	BLAC	
S32G274AABK0VUCR	935419851518	S32G274AABK0VUCR	4xA53 1GHz, 3xM7 400MHz,	FCPBGA525L	SOT1655-3	DOD	No	BLAC	
S32G274AABK0VUCT	935419851557	S32G274AABK0VUCT	4xA53 1GHz, 3xM7 400MHz,	FCPBGA525L	SOT1655-3	DOD	No	BLAC	
S32G274AABK1VUCR	935443196518	S32G274AABK1VUCR	4xA53 1GHz, 3xM7 400MHz,	FCPBGA525L	SOT1655-3	RFS	No	BLAC	
S32G274AABK1VUCT	935443196557	S32G274AABK1VUCT	4xA53 1GHz, 3xM7 400MHz,	FCPBGA525L	SOT1655-3	RFS	No	BLAC	
S32G274ASBK0VUCR	935419484518	S32G274ASBK0VUCR	4xA53 1GHz, 3xM7 400MHz,	FCPBGA525L	SOT1655-3	DOD	No	BLAC	
S32G274ASBK0VUCT	935419484557	S32G274ASBK0VUCT	4xA53 1GHz, 3xM7 400MHz,	FCPBGA525L	SOT1655-3	DOD	No	BLAC	
S32G274ASBK1VUCR	935443198518	S32G274ASBK1VUCR	4xA53 1GHz, 3xM7 400MHz,	FCPBGA525L	SOT1655-3	RFS	No	BLAC	
S32G274ASBK1VUCT	935443198557	S32G274ASBK1VUCT	4xA53 1GHz, 3xM7 400MHz,	FCPBGA525L	SOT1655-3	RFS	No	BLAC	