



Customer Information Notification

2022050151 : S32G2x Data Sheet Update from Rev4 to Rev5, S32G2x Reference Manual Update from Rev4 to Rev5 & S32G2 and S32R SerDes Subsystem RM Update from Rev4 to Rev5

Note: This notice is NXP Company Proprietary.

Issue Date: May 21, 2022 **Effective date:** May 22, 2022

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Change Category

- | | | | | |
|--|---|--|---|---|
| <input type="checkbox"/> Wafer Fab Process | <input type="checkbox"/> Assembly Process | <input type="checkbox"/> Product Marking | <input type="checkbox"/> Test Process | <input type="checkbox"/> Design |
| <input type="checkbox"/> Wafer Fab Materials | <input type="checkbox"/> Assembly Materials | <input type="checkbox"/> Mechanical Specification | <input type="checkbox"/> Test Equipment | <input type="checkbox"/> Errata |
| <input type="checkbox"/> Wafer Fab Location | <input type="checkbox"/> Assembly Location | <input type="checkbox"/> Packing/Shipping/Labeling | <input type="checkbox"/> Test Location | <input type="checkbox"/> Electrical spec./Test coverage |
| <input type="checkbox"/> Firmware | <input checked="" type="checkbox"/> Other: Data Sheet, Reference Manual and SerDes Subsystem Reference Manual | | | |

PCN Overview

Description

NXP Semiconductors announces the S32G2x Data Sheet Update from Rev4 to Rev5, S32G2x Reference Manual Update from Rev4 to Rev5 & S32G2 and S32R SerDes Subsystem Reference Manual update from Rev4 to Rev5.

Changes for the Data Sheet, Reference Manual and SerDes Subsystem Reference Manual can be found in the revision history in their respective documents.

The Data Sheet and Reference Manual documents are attached to this notice and accessible at the link below:

<https://www.nxp.com/products/processors-and-microcontrollers/arm-processors/s32g-vehicle-network-processors/s32g2-processors-for-vehicle-networking:S32G2>

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

Reason

The Data Sheet and Reference Manual and SerDes Subsystem Reference Manual have 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

Data Sheet Revision

A new datasheet will be issued

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
e-mail address	tech.support@nxp.com

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NXP Quality Management Team.

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

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Changed Orderable Part#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
S32G233AABKOCUCR	935419461518	S32G233AABKOCUCR	2xA53 1GHz, 1xM7 400MHz,	FCPBG525L	SOT1655-3	RFS	No	BLAC
S32G233AABKOCUCT	935419461557	S32G233AABKOCUCT	2xA53 1GHz, 1xM7 400MHz,	FCPBG525L	SOT1655-3	RFS	No	BLAC
S32G233AABKOVUCR	935419844518	S32G233AABKOVUCR	2xA53 1GHz, 1xM7 400MHz,	FCPBG525L	SOT1655-3	RFS	No	BLAC
S32G233AABKOVUCT	935419844557	S32G233AABKOVUCT	2xA53 1GHz, 1xM7 400MHz,	FCPBG525L	SOT1655-3	RFS	No	BLAC
S32G233ASBKOVUCR	935419477518	S32G233ASBKOVUCR	2xA53 1GHz, 1xM7 400MHz,	FCPBG525L	SOT1655-3	RFS	No	BLAC
S32G233ASBKOVUCT	935419477557	S32G233ASBKOVUCT	2xA53 1GHz, 1xM7 400MHz,	FCPBG525L	SOT1655-3	RFS	No	BLAC
S32G234MABKOVUCR	935419846518	S32G234MABKOVUCR	3xM7 400MHz, 8M System S	FCPBG525L	SOT1655-3	RFS	No	BLAC
S32G234MABKOVUCT	935419846557	S32G234MABKOVUCT	3xM7 400MHz, 8M System S	FCPBG525L	SOT1655-3	RFS	No	BLAC
S32G234MSBKOVUCR	935419479518	S32G234MSBKOVUCR	3xM7 400MHz, 8M System S	FCPBG525L	SOT1655-3	RFS	No	BLAC
S32G234MSBKOVUCT	935419479557	S32G234MSBKOVUCT	3xM7 400MHz, 8M System S	FCPBG525L	SOT1655-3	RFS	No	BLAC
S32G254AABKOCUCR	935419463518	S32G254AABKOCUCR	2xA53 1GHz, 3xM7 400MHz,	FCPBG525L	SOT1655-3	RFS	No	BLAC
S32G254AABKOCUCT	935419463557	S32G254AABKOCUCT	2xA53 1GHz, 3xM7 400MHz,	FCPBG525L	SOT1655-3	RFS	No	BLAC
S32G254AABKOVUCR	935419848518	S32G254AABKOVUCR	2xA53 1GHz, 3xM7 400MHz,	FCPBG525L	SOT1655-3	RFS	No	BLAC
S32G254AABKOVUCT	935419848557	S32G254AABKOVUCT	2xA53 1GHz, 3xM7 400MHz,	FCPBG525L	SOT1655-3	RFS	No	BLAC
S32G254ASBKOVUCR	935419482518	S32G254ASBKOVUCR	2xA53 1GHz, 3xM7 400MHz,	FCPBG525L	SOT1655-3	RFS	No	BLAC
S32G254ASBKOVUCT	935419482557	S32G254ASBKOVUCT	2xA53 1GHz, 3xM7 400MHz,	FCPBG525L	SOT1655-3	RFS	No	BLAC
S32G274AABKOCUCR	935419465518	S32G274AABKOCUCR	4xA53 1GHz, 3xM7 400MHz,	FCPBG525L	SOT1655-3	RFS	No	BLAC
S32G274AABKOCUCT	935419465557	S32G274AABKOCUCT	4xA53 1GHz, 3xM7 400MHz,	FCPBG525L	SOT1655-3	RFS	No	BLAC
S32G274AABKOVUCR	935419851518	S32G274AABKOVUCR	4xA53 1GHz, 3xM7 400MHz,	FCPBG525L	SOT1655-3	RFS	No	BLAC
S32G274AABKOVUCT	935419851557	S32G274AABKOVUCT	4xA53 1GHz, 3xM7 400MHz,	FCPBG525L	SOT1655-3	RFS	No	BLAC
S32G274ASBKOVUCR	935419484518	S32G274ASBKOVUCR	4xA53 1GHz, 3xM7 400MHz,	FCPBG525L	SOT1655-3	RFS	No	BLAC
S32G274ASBKOVUCT	935419484557	S32G274ASBKOVUCT	4xA53 1GHz, 3xM7 400MHz,	FCPBG525L	SOT1655-3	RFS	No	BLAC
P53R455AASKOMUDT	935385472699	P53R455AASKOMUDT	RACERUNNER MULTI	FCPBG780L	SOT2027-1	ASM	No	BL89
S32R458AASKOMUDT	935428668557	S32R458AASKOMUDT	RACERUNNER MULTI	FCPBG780L	SOT2027-1	RFS	No	BL89
S32R458AASKOMUDR	935428668518	S32R458AASKOMUDR	RACERUNNER MULTI	FCPBG780L	SOT2027-1	RFS	No	BL89
S32R458AASKOMUDT	935428748557	S32R458AASKOMUDT	RACERUNNER MULTI	FCPBG780L	SOT2027-1	RFS	No	BL89
S32R458AASKOMUDR	935428671518	S32R458AASKOMUDR	RACERUNNER MULTI	FCPBG780L	SOT2027-1	RFS	No	BL89
S32R458AASKOMUDT	935428671557	S32R458AASKOMUDT	RACERUNNER MULTI	FCPBG780L	SOT2027-1	RFS	No	BL89
S32R458AASKOMUDR	935432241557	S32R458AASKOMUDR	RACERUNNER MULTI	FCPBG780L	SOT2027-1	RFS	No	BL89
S32R458AASKOMUDT	935432241518	S32R458AASKOMUDT	RACERUNNER MULTI	FCPBG780L	SOT2027-1	RFS	No	BL89
S32R458AASKOMUDR	935432168557	S32R458AASKOMUDR	RACERUNNER MULTI	FCPBG780L	SOT2027-1	RFS	No	BL89
S32R458AASKOMUDT	935432168518	S32R458AASKOMUDT	RACERUNNER MULTI	FCPBG780L	SOT2027-1	RFS	No	BL89
S32R458AASKOMUDR	935435934518	S32R458AASKOMUDR	RACERUNNER MULTI	FCPBG780L	SOT2027-1	RFS	No	BL89
P32R458AASKOAMUDT	935419856699	P32R458AASKOAMUDT	RACERUNNER MULTI	FCPBG780L	SOT2027-1	WIT	No	BL89