Customer Information Notification

202211005I : S32V234 Reference Manual update from Rev5.1 to Rev6

Note: This notice is NXP Company Proprietary.

Issue Date: Nov 23, 2022 **Effective date:Nov 24, 2022**

Here is your personalized notification about a NXP general announcement.
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	[X]Other: Reference Manual Update			

PCN Overview

Description

NXP Semiconductors announces a Reference Manual update for the S32V234 from Rev 5.1 to Rev 6.0.

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

The S32V234 Reference Manual is attached with this notification and can be found at:
https://www.nxp.com/products/processors-and-microcontrollers/arm-processors/s32-automotive-processors/s32v2-processors-for-vision-machine-learning-and-sensor-fusion:S32V234

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.

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

Changed Orderable Part#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
FS32V232BMN2VUB	935438199557	FS32V232BMN2VUB	ISP, GPU, NO CSE,800Mhz	FCPBGA621L	SOT1840-1	RFS	No	BLAC
FS32V232CKN2VUB	935438202557	FS32V232CKN2VUB	ISP, CSE,1GHZ,DUAL CORE	FCPBGA621L	SOT1840-1	RFS	No	BLAC
FS32V232CKN2VUBR	935438202518	FS32V232CKN2VUBR	ISP, CSE,1GHZ,DUAL CORE	FCPBGA621L	SOT1840-1	RFS	No	BLAC
FS32V232CTN2VUB	935438203557	FS32V232CTN2VUB	AI Runner	FCPBGA621L	SOT1840-1	RFS	No	BLAC
FS32V234BJN2VUB	935438204557	FS32V234BJN2VUB	ISP, No GPU, NO CSE	FCPBGA621L	SOT1840-1	RFS	No	BLAC
FS32V234BLN2VUB	935438205557	FS32V234BLN2VUB	ISP, No GPU, CSE , Low p	FCPBGA621L	SOT1840-1	RFS	No	BLAC
FS32V234BMN2VUB	935438206557	FS32V234BMN2VUB	ISP, GPU, NO CSE, 800MHz	FCPBGA621L	SOT1840-1	RFS	No	BLAC
FS32V234CKN2VUB	935438208557	FS32V234CKN2VUB	ISP, CSE,1GHZ, 4 cores	FCPBGA621L	SOT1840-1	RFS	No	BLAC
FS32V234CKN2VUBR	935438208518	FS32V234CKN2VUBR	ISP, CSE,1GHZ, 4 cores	FCPBGA621L	SOT1840-1	RFS	No	BLAC
FS32V234CMN2VUB	935438209557	FS32V234CMN2VUB	ISP, GPU, No CSE,1GHZ	FCPBGA621L	SOT1840-1	RFS	No	BLAC
FS32V234CON2VUBR	935438212518	FS32V234CON2VUBR	ISP, GPU, CSE,1GHZ, 4 co	FCPBGA621L	SOT1840-1	RFS	No	BLAC
FS32V234CON2VUB	935438212557	FS32V234CON2VUB	ISP, GPU, CSE,1GHZ, 4 co	FCPBGA621L	SOT1840-1	RFS	No	BLAC
FS32V234CTN2VUB	935438213557	FS32V234CTN2VUB	AI Runner	FCPBGA621L	SOT1840-1	RFS	No	BLAC
FS32V232BMN1VUB	935351574557	FS32V232BMN1VUB	ISP, GPU, NO CSE,800Mhz	FCPBGA621L	SOT1840-1	DOD	No	BLAC
FS32V232CKN1VUB	935383164557	FS32V232CKN1VUB	ISP, CSE,1GHZ,DUAL CORE	FCPBGA621L	SOT1840-1	DOD	No	BLAC
FS32V232CKN1VUBR	935383164518	FS32V232CKN1VUBR	ISP, CSE,1GHZ,DUAL CORE	FCPBGA621L	SOT1840-1	DOD	No	BLAC
FS32V232CTN1VUB	935399891557	FS32V232CTN1VUB	AI Runner	FCPBGA621L	SOT1840-1	DOD	No	BLAC
FS32V234BJN1VUB	935351575557	FS32V234BJN1VUB	ISP, No GPU, NO CSE	FCPBGA621L	SOT1840-1	DOD	No	BLAC
FS32V234BLN1VUB	935353606557	FS32V234BLN1VUB	ISP, No GPU, CSE , Low p	FCPBGA621L	SOT1840-1	DOD	No	BLAC
FS32V234BMN1VUB	935351576557	FS32V234BMN1VUB	ISP, GPU, NO CSE, 800MHz	FCPBGA621L	SOT1840-1	DOD	No	BLAC
FS32V234CKN1VUB	935362639557	FS32V234CKN1VUB	ISP, CSE,1GHZ, 4 cores	FCPBGA621L	SOT1840-1	DOD	No	BLAC
FS32V234CKN1VUBR	935362639518	FS32V234CKN1VUBR	ISP, CSE,1GHZ, 4 cores	FCPBGA621L	SOT1840-1	DOD	No	BLAC
FS32V234CMN1VUB	935351577557	FS32V234CMN1VUB	ISP, GPU, No CSE,1GHZ	FCPBGA621L	SOT1840-1	DOD	No	BLAC
FS32V234CON1VUB	935351578557	FS32V234CON1VUB	ISP, GPU, CSE,1GHZ, 4 co	FCPBGA621L	SOT1840-1	DOD	No	BLAC
FS32V234CON1VUBR	935351578518	FS32V234CON1VUBR	ISP, GPU, CSE,1GHZ, 4 co	FCPBGA621L	SOT1840-1	DOD	No	BLAC
FS32V234CTN1VUB	935390171557	FS32V234CTN1VUB	AI Runner	FCPBGA621L	SOT1840-1	DOD	No	BLAC