



Customer Information Notification

2024070111 : MC33978 Data Sheet Update Rev 10.0 (Technical Clarifications / Corrections)

Note: This notice is NXP Company Proprietary.

Issue Date: Sep 05, 2024 **Effective Date:** Sep 06, 2024

Dear DigiKey Supplier Info PCNs,

Here is your personalized communication about an NXP notification.

For detailed information we invite you to view this notification online

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 Update (Technical Clarifications / Corrections)			

Notification Overview

Description

NXP Semiconductors announces the data sheet update to revision 10.0 for the MC33978 Multiple Switch Detection Interface devices associated with this notification. Please see the revision history included in the updated document for a detailed description of the changes. Note that among the changes captured in the data sheet revision history section, the package drawings were updated to the most current revisions. Changes to the package drawings are documentation updates only – absolutely no change to currently purchased product, and no impact to customer usage.

New MC33978 data sheet revision 10.0 is attached to this notification and can be obtained from the NXP site: <https://www.nxp.com/docs/en/data-sheet/MC33978.pdf>

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

Reason

The data sheet has been updated for technical clarifications and corrections. Please see the revision history included in the updated document for a detailed description of the changes.

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 data sheet 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:

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NXP Quality Management Team.

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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.

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12NC	Orderable Part Number	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
935418681557	MC33978AAE	MC33978AAE	MSDI2	H(L)QFP48	SOT1571-1	RFS	No	BLC4
935418682528	MC33978AAER2	MC33978AAER2	MSDI2	H(L)QFP48	SOT1571-1	RFS	No	BLC4
935320644574	MC33978AEK	MC33978AEK	Std Mono Mult Sw Det	HSO32	SOT1746-3	RFS	No	BLC4
935320644518	MC33978AEKR2	MC33978AEKR2	Std Mono Mult Sw Det	HSO32	SOT1746-3	RFS	No	BLC4
935312583557	MC33978AES	MC33978AES	Std Mono Mult Sw Det	H(V)QFN32WF	SOT617-19	RFS	No	BLC4
935312583528	MC33978AESR2	MC33978AESR2	Std Mono Mult Sw Det	H(V)QFN32WF	SOT617-19	RFS	No	BLC4
935322294574	MC34978AEK	MC34978AEK	Std Mono Mult Sw Det	HSO32	SOT1746-3	RFS	No	BLC4
935322294518	MC34978AEKR2	MC34978AEKR2	Std Mono Mult Sw Det	HSO32	SOT1746-3	RFS	No	BLC4
935324939557	MC34978AES	MC34978AES	Std Mono Mult Sw Det	H(V)QFN32WF	SOT617-19	RFS	No	BLC4
935324939528	MC34978AESR2	MC34978AESR2	Std Mono Mult Sw Det	H(V)QFN32WF	SOT617-19	RFS	No	BLC4