

Product Change Notification		Date
Product		April 25, 2025
Digi ConnectCore 93 (SOM) variants		

Reason for Change

☐ Technical Requirement	☐ Product Transition
☐ Customer Requirement	☐ Product Discontinuation
☐ Quality Improvement	☐ Product Enhancement
☒ Other: NXP i.MX 93 MPU errata	

Audience	Only partners and customers who have received affected products
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Description of Change	NXP has published errata ERR052674 for the i.MX 93 MPU, identifying a condition that may significantly degrade the lifetime of the component. Voltage stress on three GPIO pads when operated in 3.3V mode may cause pad failure. This failure can propagate to other I/O circuitry, potentially leading to malfunction of the affected pad or the entire power domain. The Digi ConnectCore 93 SOM family is affected by the errata due to the connection of one i.MX 93 MPU pad to 3.3V internally on the SOM. NXP errata link: https://www.nxp.com/docs/en/errata/i.MX93_1P87f.pdf NXP has announced an i.MX 93 MPU mask set revision 2P87F to address Errata ERR052674. A new revision of the ConnectCore SOM part numbers will be released for SOMs with the new MPU mask set: – CC-WMX-YC7D-KN ○ 50002172-01 Rev A – Current revision (affected by errata) ○ 50002172-01 Rev B or higher – New revision with i.MX 93 new mask set – CC-MX-YC7D-ZN ○ 50002172-02 Rev A – Current revision (affected by errata) ○ 50002172-02 Rev B or higher – New revision with i.MX 93 new mask set – CC-WMX-ZC6D-L1 ○ 50002172-03 Rev A – Current revision (affected by errata) ○ 50002172-03 Rev B or higher – New revision with i.MX 93 new mask set – CC-MX-ZC6D-Z1 ○ 50002172-04 Rev A – Current revision (affected by errata) ○ 50002172-04 Rev B or higher – New revision with i.MX 93 new mask set
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	See label example with revision letter: 
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Reason for Change	NXP i.MX 93 MPU errata
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Affected Part Numbers	– CC-WMX-YC7D-KN ○ ConnectCore 93 Dual, 1GB LPDDR4, 8GB eMMC, Wi-Fi/BT – CC-MX-YC7D-ZN ○ ConnectCore 93 Dual, 1GB LPDDR4, 8GB eMMC – CC-WMX-ZC6D-L1 ○ ConnectCore 93 Single, 512MB LPDDR4, 8GB eMMC, Wi-Fi/BT – CC-MX-ZC6D-Z1 ○ ConnectCore 93 Single, 512MB LPDDR4, 8GB eMMC
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Timing of Change	Samples - SOMs incorporating the revised i.MX 93 (mask set 2P87F) are planned to be available starting August 2025. Production - Planned first shipment September 2025.
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Notes	Digi, as well as NXP, will continue shipping Development Kits so as not to interrupt development activities at customers. NXP has announced an i.MX 93 MPU mask set revision 2P87F to address errata ERR052674. Qualification at NXP is planned for July 2025. Digi ConnectCore 93 SOM samples with the revised i.MX 93 processor are planned to be available from August 2025, production units in September 2025. Small quantities of SOM samples affected by the errata may still be provided for ongoing evaluation, development, and prototyping. However please bear in mind the following: • These SOMs are not meant to be used in production. • These samples are not eligible for return (RMA). • No warranty is provided. • Customers must sign a waiver acknowledging these conditions above before receiving SOM samples affected by the errata. If you have questions or would like to request SOM samples affected by the errata, please contact your Digi Sales Representative.
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Authorization	Digi International Product Management
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