

Product Change Notification (PCN)

PCN #: 4C-2026

Date: April 8th, 2026

1 Products Affected

Ezurio Part Number	Description
Nit6Q	Nitrogen6X Kit: i.MX6 Quad / 1GB RAM / Accessories
Nit6Q_BRD	Nitrogen6X: i.MX6 Quad / 1GB RAM / Board
Nit6Q_I	Nitrogen6X Kit: i.MX6 Quad / 1GB RAM / Industrial / Accessories
Nit6Q_I_BRD	Nitrogen6X: i.MX6 Quad / 1GB RAM / Industrial / Board
Nit6Q_W_QCA_BRD	Nitrogen6X: i.MX6 Quad / 1GB RAM / AC Wifi+BT / Board
Nit6Q_W_QCA	Nitrogen6X: i.MX6 Quad / 1GB RAM / AC Wifi+BT / Board
Nit8MQ_MINI_2r16e	Nitrogen8M_Mini Kit: i.MX8M Mini Quad / 2GB RAM / 16GB eMMC / Accessories
Nit8M_MINI_Assy	Nitrogen8M_Mini Kit: i.MX8M Mini Quad / 2GB RAM / 16GB eMMC / Accessories + Enclosure
Nit8MQ_Mini_2r16e_BRD	Nitrogen8M_Mini: i.MX8M Mini Quad / 2GB RAM / 16GB eMMC
Nit6Q_MAX_QCA_BRD	Nitrogen6_MAX: i.MX6 Quad / 4GB RAM / 4GB eMMC / AC Wifi+BT / Board
Nit6Q_MAX_QCA	Nitrogen6_MAX: i.MX6 Quad / 4GB RAM / 4GB eMMC / AC Wifi+BT / Board
Nit8MQ_Mini_2r16eWB_BRD	Nitrogen8M_Mini: i.MX8M Mini Quad / 2GB RAM / 16GB eMMC / AC WiFi+BT / No Audio / Board
Nit8MQ_Mini_2r16eWB	Nitrogen8M_Mini: i.MX8M Mini Quad / 2GB RAM / 16GB eMMC / AC WiFi+BT / No Audio / Board
Nit8MQ_Mini_2r16eWB_Assy	Nitrogen8M_Mini: i.MX8M Mini Quad / 2GB RAM / 16GB eMMC / AC WiFi+BT / No Audio / Board

2 Description of Changes

Ezurio is updating the Ethernet PHY component from vendor part # KSZ9021RN to KSZ9031RNXCC.

As part of this change, the ISET resistor value will be updated from 4.99 kΩ to 12.1 kΩ to meet the requirements of the new PHY device.

3 Reason for Change

The KSZ9021RN Ethernet PHY device is being discontinued/has reached end-of-life (EOL). This change ensures continued Ezurio product availability and supply continuity.

4 Anticipated Impact of the Change

There is no form, fit, or functional variance with this component substitution. The device has been tested & verified in the product(s).

5 Method of Identifying the Changed Product

5.1 Ethernet PHY IC marking

- KSZ9021RN marking on the IC indicates the previous (old) component



- KSZ9031RN marking on the IC indicates the revised (new) component



6 Factory Effectivity Date

These changes will be phased into production builds during Q3 2026.

If any affected customers would like verification samples, then please reach out to Ezurio Customer Services team (csglobal@ezurio.com) to co-ordinate.

7 Contact Information

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Product Change Notices (PCNs) will be distributed at the discretion of Ezurio. Occasionally, Ezurio may adjust product revision levels for internal tracking purposes only, and customers may not receive formal notifications associated with those revision changes.