RUT906 Product Change Notifications

Product change notifications (**PCN**) is a way of informing customers of upcoming changes related to Teltonika Networks products. This includes outward appearance adjustments, hardware improvements, changes to package contents, etc. Changes related to a product's firmware are not included in PCNs ([click here](#) to see the firmware changelog).

This page stores information regarding changes to the [RUT906](#) device. Below you will find a list of both upcoming and already implemented changes sorted by newest to oldest (top to bottom).

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2024.05.15: New PCB revision

Starting from Q3 2024, RUT906 routers will be manufactured with updated MAIN and RF PCB revisions.

PCN Number: PCN_RUT906_New_PCB_Revision_2024.05.15		
Change description		
Change type	Hardware change	
Detailed description	Starting from Q3 2024, RUT906 routers will be manufactured with updated MAIN and RF PCB revisions. The following are the detailed updates made to the MAIN and RF boards: • Added micro SD card support • Added new USB HUB • Added new USB-UART ICs • Added new ADC • Added SIM card presence triggers to SoC GPIO • Added shift register clearing circuitry • Added pull-down resistors on pins to address potential issues that may arise when shift registers are in the tri-state high-z state. Please note that this change will be implemented gradually, throughout a 3-month transitional period starting from Q3, 2024. During this period, your shipments of RUT906 may consist of either the current MAIN and RF PCB or the new one described above.	
Change reasons	Hardware design improvements	
Affected products information		
Model	Affected order codes	Order code changes
RUT906	RUT906 *****	No changes
Upcoming change date	Q3 2024	
Change impact		
Risk assessment	New hardware support starts from RUT9M_R_00.07.06 FW version, older FW versions will not be compatible. Custom firmwares created from an SDK will need adjustments for a new SDK version.	
Suggested implementation plan	Firmware downloads for the device can be found [here](#). For more detailed information please contact your sales representative.	
Acknowledgement of PCN receipt		
If no feedback is received within two weeks after the issue date of this notification - Teltonika may accept that this change has been tacitly accepted and can implement the change as indicated above.		

To download the pdf version of this notification, [click here](#).

2024.03.08: Reset button functionality change RutOS 7.07

With the release of RutOS version 7.07, RUT906 device will experience changes related to the security improvements of the device.

PCN Number: PCN_RUTOS_CHANGE_2024_03_08_EN		
Change description		
Change type	Firmware change	
Detailed description	Previously, during device resets, logs, RMS connection state data, and SIM PIN settings remained unchanged. However, starting with RutOS firmware version 7.07, all devices will uniformly reset logs, RMS connection state data, and SIM PIN settings to factory defaults when using the reset button. Other reset methods, including WebUI, SMS, and others, will remain unimpacted by this change.	
Change reasons	Increasing security	
Affected products information		
Model	Affected order codes	Order code changes
RUT906	RUT906 ******	No changes
Upcoming change date	2024 Q2, with the release of RutOS 7.07	
Change impact		
Risk assessment	• The loss of device logs upon utilizing the reset button may disrupt operational records and slow down subsequent troubleshooting efforts. • Failure to set up the SIM PIN post-reset via the reset button may result in SIM card lockout due to repeated incorrect PIN entries, causing service disruption and requiring either SIM replacement or PIN reset. • The device is still visible in RMS post-reset but cannot be accessed. Therefore, re-adding the device to RMS is necessary for continued access.	
Suggested implementation plan	Information included in this PCN will help adapt to the upcoming changes. For more detailed information, please contact your sales representative.	
Acknowledgement of PCN receipt		

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~~2024.01.10: New PCB revision~~

RUT906 PCN "**2024.01.10: New PCB revision**" was updated with the information and is replaced with RUT906 PCN "2024.05.15: New PCB revision".

Starting from Q2 2024, RUT906 routers will be manufactured with updated MAIN and RF PCB revisions.

Change description		
Change type	Hardware change	
Detailed description	Starting from Q2 2024, RUT906 routers will be manufactured with updated MAIN and RF PCB revisions. The following are the detailed updates made to the MAIN and RF boards: • Added micro SD card support • Added new USB HUB • Added new USB-UART ICs • Added new ADC • Added SIM card presence triggers to SoC GPIO • Added shift register clearing circuitry • Added pull-down resistors on pins to address potential issues that may arise when shift registers are in the tri-state high-z state. Please note that this change will be implemented gradually, throughout a 3-month transitional period starting from Q2, 2024. During this period, your shipments of RUT906 may consist of either the current packaging or the new one described above.	
Change reasons	Hardware design improvements	
Affected products information		
Model	Affected order codes	Order code changes
RUT906	RUT906 *****	No changes
Upcoming change date	Q2 2024	
Change impact		
Risk assessment	New hardware support starts from RUT9M_R_00.07.06 FW version, older FW versions will not be compatible. Custom firmwares created from an SDK will need adjustments for a new SDK version.	
Suggested implementation plan	Firmware downloads for the device can be found here. For more detailed information please contact your sales representative.	
Acknowledgement of PCN receipt		

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2023.09.04: Packaging box changes

Starting from Q4 2023, batch 002, the product packaging of RUT906 will be updated with the following changes.

Change description

Change type	Packaging
Detailed description	The fibre inserts of each product and its accessories will be replaced with individual cardboard boxes. Of those boxes, the product box will include the Teltonika Networks logo and company information, and accessory boxes will include the accessory name, order code, image, EAN barcode, and QR code. Any empty space in the packaging will be filled with Corrugated fibreboard fillers.These updates are meant to reduce the environmental footprint of our products, with eliminating plastic packaging being the primary focus. Please note that this change will be implemented gradually, throughout a 4-month transitional period starting from Q4 2023, batch 002. During this period, your shipments of RUT906 may consist of either the current packaging or the new one described above. For inquiries regarding custom order codes, please contact your designated sales representative.

Current packaging:	**Updated packaging:**
Device box:	**Corrugated carton filler:**
Packaging dimensions will not change.	

Change reasons	Design improvement.

Affected products information

Model	Affected order codes	Order code changes
RUT906	RUT906 *****	No changes
Upcoming change date	2023 Q4	

Change impact

Risk assessment	The product handling and storage process may require review. Marketing materials, such as photos, might need replacement.
Suggested implementation plan	Information included in this PCN will help adapt to the upcoming changes. For more detailed information please contact your sales representative.

Acknowledgement of PCN receipt

If no feedback is received within two weeks after the issue date of this notification - Teltonika may accept that this change has been tacitly accepted and can implement the change as indicated above

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