

# 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	<p>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:</p> <ul style="list-style-type: none"> <li>• Added micro SD card support</li> <li>• Added new USB HUB</li> <li>• Added new USB-UART ICs</li> <li>• Added new ADC</li> <li>• Added SIM card presence triggers to SoC GPIO</li> <li>• Added shift register clearing circuitry</li> <li>• Added pull-down resistors on pins to address potential issues that may arise when shift registers are in the tri-state high-z state.</li> </ul> <p>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.</p>
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 <a href="#">here</a> . For more detailed information please contact your sales representative.

TELTONIKA NETWORKS UAB  
K. Barsausko st. 66, LT-51436  
Kaunas, Lithuania

Registration code 305579419  
VAT number LT100013223510

Swedbank AB  
LT78 7300 0101 6274 0111  
S.W.I.F.T. HABALT22

Data on the company is collected and stored in the Register of Legal Entities of the Republic of Lithuania.



### 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.

TELTONIKA NETWORKS UAB  
K. Barsausko st. 66, LT-51436  
Kaunas, Lithuania

Registration code 305579419  
VAT number LT100013223510

Swedbank AB  
LT78 7300 0101 6274 0111  
S.W.I.F.T. HABALT22

Data on the company is collected and stored in the Register of Legal Entities of the Republic of Lithuania.

