

# 2024.05.15: Hardware changes

Starting from Q3 2024, all TRB145 devices will be manufactured with modifications to the RS485 RE/DE management hardware.

PCN Number: PCN\_RS485\_TRB145\_2024\_05\_15\_EN

Change description	
Change type	Hardware change
Detailed description	<p>In the latest hardware revision of the TRB145 device, changes have been made to enhance the management of RS485 signalling. TRB145 will require firmware version TRB1_R_00.07.06 or newer to ensure compatibility with the hardware changes and to maintain full functionality.</p> <p><b>Important Note:</b> Due to hardware changes, downgrading to firmware versions below, RutOS TRB1_R_00.07.06 is no longer supported.</p>
Change reasons	Enhancement of RS485 signaling management, ensuring more stability with larger quantity of devices connected.

Affected products information		
Model	Affected order codes	Order code changes
TRB145	TRB145 *****	No changes
Upcoming change date	2024 Q3	

Change impact	
Risk assessment	<ul style="list-style-type: none"> <li>Devices with the new hardware changes will not support firmware versions below TRB1_R_00.07.06.</li> <li>Custom firmware built on previous SDK versions will also not be supported.</li> </ul> <p><b>Please note:</b> this product change notification does not affect any previous TRB145 devices, except new TRB145 devices.</p>
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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