

Product Advisory (PA)

Subject: Datasheet specification changes for listed Renesas RC223* and RC323* products

Publication Date: 12/1/2025

Effective Date: 12/1/2025

Revision Description:

Initial Revision

Description of Change:

This notice is to inform you that Renesas Electronics Inc has revised the 200mV – 900mV HCSL swing limits in Table 15 (for the RC22308A and RC22312A product datasheets) and Table 17 (for the RC32308A and RC32312A product datasheets). These updates reflect changes in the swing levels to ensure alignment with the functional behavior of the device.

Affected Product List: Refer Appendix A

Reason for Change:

The correction to the datasheet aligns the documentation with the product characteristics.

Impact on Fit, Form, Function, Quality & Reliability:

The change will have no impact on the form, fit, function, quality, reliability and environmental compliance of these devices.

Note: This change affects only the datasheet; there are no changes to the die.

Product Identification:

Product affected by this change is identifiable via Renesas's internal traceability system

Qualification Status: Not Applicable

Sample Availability Date: 12/1/2025

Device Material Declaration: Available upon request

Questions or requests pertaining to this change notice, including additional data or samples, must be sent to Renesas within 30 days of the publication date.

For additional information regarding this notice, please contact idt-pcn@lm.renesas.com

Appendix A – Affected Product List

RC22308A000GNE#BB0	RC22312A109GN1#BB0	RC32312A031GN1#BB0
RC22308A000GNE#KB0	RC22312A109GN1#KB0	RC32312A031GN1#KB0
RC22308A001GNE#BB0	RC22312A10AGN1#BB0	RC32312A032GN1#BB0
RC22308A001GNE#KB0	RC22312A10AGN1#KB0	RC32312A032GN1#KB0
RC22308A002GNE#BB0	RC22312A10BGN1#BB0	RC32312A033GN1#BB0
RC22308A002GNE#KB0	RC22312A10BGN1#KB0	RC32312A033GN1#KB0
RC22308A003GNE#BB0	RC22312A10CGN1#BB0	RC32312A034GN1#BB0
RC22308A003GNE#KB0	RC22312A10CGN1#KB0	RC32312A034GN1#KB0
RC22308A004GNE#BB0	RC22312A10DGN1#BB0	RC32312A035GN1#BB0
RC22308A004GNE#KB0	RC22312A10DGN1#KB0	RC32312A035GN1#KB0
RC22308A100GNE#BB0	RC22312A10EGN1#BB0	RC32312A036GN1#BB0
RC22308A100GNE#KB0	RC22312A10EGN1#KB0	RC32312A036GN1#KB0
RC22308A101GNE#BB0	RC22312A10FGN1#BB0	RC32312A037GN1#BB0
RC22308A101GNE#KB0	RC22312A10FGN1#KB0	RC32312A037GN1#KB0
RC22308A102GNE#BB0	RC22312A10GGN1#BB0	RC32312A038GN1#BB0
RC22308A102GNE#KB0	RC22312A10GGN1#KB0	RC32312A038GN1#KB0
RC22308A103GNE#BB0	RC22312A10HGN1#BB0	
RC22308A103GNE#KB0	RC22312A10HGN1#KB0	
RC22308A104GNE#BB0	RC32308A000GNE#BB0	
RC22308A104GNE#KB0	RC32308A000GNE#KB0	
RC22308A105GNE#BB0	RC32308A001GNE#BB0	
RC22308A105GNE#KB0	RC32308A001GNE#KB0	
RC22308A106GNE#BB0	RC32308A002GNE#BB0	
RC22308A106GNE#KB0	RC32308A002GNE#KB0	
RC22308A107GNE#BB0	RC32308A003GNE#BB0	
RC22308A107GNE#KB0	RC32308A003GNE#KB0	
RC22308A108GNE#BB0	RC32308A004GNE#BB0	
RC22308A108GNE#KB0	RC32308A004GNE#KB0	
RC22308A109GNE#BB0	RC32308A005GNE#BB0	
RC22308A109GNE#KB0	RC32308A005GNE#KB0	
RC22308A10AGNE#BB0	RC32308A031GNE#BB0	
RC22308A10AGNE#KB0	RC32308A031GNE#KB0	
RC22308A10BGNE#BB0	RC32308A032GNE#BB0	
RC22308A10BGNE#KB0	RC32308A032GNE#KB0	
RC22312A000GN1#BB0	RC32308A033GNE#BB0	
RC22312A000GN1#KB0	RC32308A033GNE#KB0	
RC22312A001GN1#BB0	RC32308A034GNE#BB0	
RC22312A001GN1#KB0	RC32308A034GNE#KB0	
RC22312A002GN1#BB0	RC32308A035GNE#BB0	
RC22312A002GN1#KB0	RC32308A035GNE#KB0	
RC22312A003GN1#BB0	RC32308A036GNE#BB0	
RC22312A003GN1#KB0	RC32308A036GNE#KB0	

RC22312A004GN1#BB0	RC32308A037GNE#BB0	
RC22312A004GN1#KB0	RC32308A037GNE#KB0	
RC22312A005GN1#BB0	RC32308A038GNE#BB0	
RC22312A005GN1#KB0	RC32308A038GNE#KB0	
RC22312A006GN1#BB0	RC32308A039GNE#BB0	
RC22312A006GN1#KB0	RC32308A039GNE#KB0	
RC22312A100GN1#BB0	RC32308A03AGNE#BB0	
RC22312A100GN1#KB0	RC32308A03AGNE#KB0	
RC22312A101GN1#BB0	RC32308A03BGNE#BB0	
RC22312A101GN1#KB0	RC32308A03BGNE#KB0	
RC22312A102GN1#BB0	RC32312A000GN1#BB0	
RC22312A102GN1#KB0	RC32312A000GN1#KB0	
RC22312A103GN1#BB0	RC32312A001GN1#BB0	
RC22312A103GN1#KB0	RC32312A001GN1#KB0	
RC22312A104GN1#BB0	RC32312A002GN1#BB0	
RC22312A104GN1#KB0	RC32312A002GN1#KB0	
RC22312A105GN1#BB0	RC32312A003GN1#BB0	
RC22312A105GN1#KB0	RC32312A003GN1#KB0	
RC22312A106GN1#BB0	RC32312A004GN1#BB0	
RC22312A106GN1#KB0	RC32312A004GN1#KB0	
RC22312A107GN1#BB0	RC32312A005GN1#BB0	
RC22312A107GN1#KB0	RC32312A005GN1#KB0	
RC22312A108GN1#BB0	RC32312A006GN1#BB0	
RC22312A108GN1#KB0	RC32312A006GN1#KB0	