

Product Advisory (PA)

Subject: Datasheet Correction to the Renesas Product RAA229620, RAA229621, RAA229325, RAA229613, RAA229625

Publication Date: 9/26/2023

Effective Date: 9/26/2023

Revision Description:

Initial Release

Description of Change:

This notice is to inform you of datasheet corrections to the Electrical Specifications for the following products;

RAA229620GNP#HA0	RAA229621AGNP#HA0	RAA229325R2TGNP#HA0
RAA229620AGNP#HA0	RAA229613GNP#HA0	
RAA229621GNP#HA0	RAA229625GNP#HA0	

See Section 3.5 in the datasheets for change;

1. SVC Frequency Range

OLD = Min=5 MHz,, Max=50 MHz

NEW = Min=**1.5 MHz**,, Max=50 MHz, with added note#3 stating;

“Assume compliance to SVI3 duty cycle requirements, specifically $t_{high} \leq 0.45 t_p$ ”

Corrections are reflected in Appendix A of the notice.

Revision history is below;

RAA229620*

- Rev 1.0 = OLD revision
- **Rev 1.01 = NEW revision**

RAA229621*

- Rev 1.0 = OLD revision
- **Rev 1.01 = NEW revision**

RAA229325R2TGNP#HA0

- Rev 1.01 = OLD revision
- **Rev 1.02 = NEW revision**

RAA229613*

- Rev 1.00 = OLD revision
- **Rev 2.00 = NEW revision**

RAA229625*

- Rev 1.00 = OLD revision
- **Rev 2.00 = NEW revision**

Reason for Change:

Change corrects the datasheet to reflect the actual product performance. Details regarding the change are contained within Appendix A, for an updated datasheet please contact your local sales or marketing representative.

Impact on fit, form, function, quality & reliability:

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

Product Identification:

There have been no changes to the product, this is a documentation correction only. There will be no change in the external marking of the packaged products.

Qualification status: Not Applicable, correction only

Sample availability: 9/26/2023

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 your regional change coordinator (below)			
Americas: PCN-US@Renesas.COM	Europe: PCN-EU@Renesas.COM	Japan: PCN-JP@Renesas.COM	Asia Pac: PCN-APAC@Renesas.COM

Appendix A:

Datasheet changes for RAA229620*, RAA229621*, RAA229325R2TGNP#HA0, RAA229625, RAA229613

FROM: (Section 3.5)

3.5 Electrical Specifications

Recommended operating conditions, $V_{CC} = 3.3V$, unless otherwise specified. **Boldface limits apply across the operating ambient temperature range -40°C to +85°C.**

SVC Frequency Range		5		50	MHz
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TO: (Section 3.4)

3.4 Electrical Specifications

Recommended operating conditions, $V_{CC} = 3.3V$, unless otherwise specified. **Boldface limits apply across the operating ambient temperature range -40°C to +85°C.**

SVC Frequency Range	-	1.5[3]	-	50	MHz
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3. Assume compliance to SVI3 duty cycle requirements, specifically $t_{high} \leq 0.45 t_p$.