

## Product Alert Notification (PAN)

**Subject:** Product Alert – Product RAA210130

**Publication Date:** 9/20/2023

**Revision Description:**

Initial Release

**Product Alert Notification: Failing Units Mixed with Good Units in the Product Shipment**

Renesas shipped product with failing units accidentally mixed in with good units due to test hardware issue. Product functionality or compliance with datasheet parameters cannot be guaranteed for impacted product. See Table 1 for a full list of impacted shipments and affected datecodes. The only product impacted is listed below.

RAA210130GBG#AD0

Impacted product has failing units and good units mixed together due to a factory test hardware handling error.

Renesas has identified impacted product based on the processing lots affected. Impacted product was shipped from Renesas with datecodes 2114, 2201, 2244, 2245 (see Table 1 for full details of impacted product shipments). Affected RAA210130 material should be returned to Renesas for replacement with product that was properly handled and guaranteed to comply with datasheet.

No action is recommended at this time on previously assembled boards that used the impacted units. Customer factory testing will screen out most of the failures.

A full 8D reporting is available upon request.

Customers should contact their distributor or Renesas Customer Sales team for coordination of returns. Renesas apologizes for the inconvenience caused due to this error.

**For additional information regarding this notice, please contact your regional change coordinator (below)**

|                                                                      |                                                                    |                                                                   |                                                                          |
|----------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------|
| Americas: <a href="mailto:PCN-US@RENESAS.COM">PCN-US@RENESAS.COM</a> | Europe: <a href="mailto:PCN-EU@RENESAS.COM">PCN-EU@RENESAS.COM</a> | Japan: <a href="mailto:PCN-JP@RENESAS.COM">PCN-JP@RENESAS.COM</a> | Asia Pac: <a href="mailto:PCN-APAC@RENESAS.COM">PCN-APAC@RENESAS.COM</a> |
|----------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------|

Table 1. List of Impacted shipments and affected datecodes.

| Part Number      | Order No | PO No         | Ship Date | Ship Qty | Distributor                    | Lot Id           | Trace Code | Date Code  |
|------------------|----------|---------------|-----------|----------|--------------------------------|------------------|------------|------------|
| RAA210130GBG#AD0 | 2827045  | 301100215909  | 7/14/2022 | 441      | Macnica Cytech Limited         | 0225051AK        | U2201AAAC  | 2114, 2201 |
| RAA210130GBG#AD0 | 2833146  | 301100240705  | 7/27/2022 | 1470     | Macnica Cytech Limited         | 0225051AJ        | U2201AAAB  | 2114, 2201 |
| RAA210130GBG#AD0 | 2833146  | 301100240705  | 7/27/2022 | 441      | Macnica Cytech Limited         | 0225051AJA1S     | U2201AAAB  | 2114, 2201 |
| RAA210130GBG#AD0 | 2833146  | 301100240705  | 7/29/2022 | 147      | Macnica Cytech Limited         | 0225051ALB1S     | U2201AAAD  | 2114, 2201 |
| RAA210130GBG#AD0 | 6016753  | 32274013132   | 8/5/2022  | 31       | Ryosan Co. Ltd                 | 0225051AJA1S     | U2201AAAB  | 2114, 2201 |
| RAA210130GBG#AD0 | 6016753  | 32274013132   | 8/5/2022  | 263      | Ryosan Co. Ltd                 | 0225051ALB1S     | U2201AAAD  | 2114, 2201 |
| RAA210130GBG#AD0 | 6016753  | 32274013140   | 9/1/2022  | 1470     | Ryosan Co. Ltd                 | 0225051AH        | U2201AAAA  | 2114, 2201 |
| RAA210130GBG#AD0 | 2840386  | 4706952788    | 10/6/2022 | 294      | Macnica Group Logistics Center | 0225051ALB1S     | U2201AAAD  | 2114, 2201 |
| RAA210130GBG#AD0 | 2840386  | 4706952788    | 2/3/2023  | 735      | Macnica Group Logistics Center | 1271100GADA1S1S  | U2245AAXD  | 2244, 2245 |
| RAA210130GBG#AD0 | 2840386  | 4706952788    | 2/3/2023  | 735      | Macnica Group Logistics Center | 1271100GADA1S1SA | U2245AAXD  | 2244, 2245 |
| RAA210130GBG#AD0 | 2840386  | 4706952788    | 2/3/2023  | 735      | Macnica Group Logistics Center | 1271100GADA2S    | U2245AAXD  | 2244, 2245 |
| RAA210130GBG#AD0 | 2840386  | 4706952788    | 2/3/2023  | 147      | Macnica Group Logistics Center | 1271100GADA3S    | U2245AAXD  | 2244, 2245 |
| RAA210130GBG#AD0 | 2840386  | 4706952788    | 2/3/2023  | 147      | Macnica Group Logistics Center | 1271100GADA4S    | U2245AAXD  | 2244, 2245 |
| RAA210130GBG#AD0 | 2840386  | 4706952788    | 2/3/2023  | 147      | Macnica Group Logistics Center | 1271100GADA5S    | U2245AAXD  | 2244, 2245 |
| RAA210130GBG#AD0 | 6017566  | 32234037098   | 2/9/2023  | 1470     | Ryosan Co. Ltd                 | 1271100GACA1S    | U2245AAXC  | 2244, 2245 |
| RAA210130GBG#AD0 | 2837156  | 301100256232  | 2/9/2023  | 147      | Macnica Cytech Limited         | 1271100GACA2S    | U2245AAXC  | 2244, 2245 |
| RAA210130GBG#AD0 | 6017566  | 32234037098   | 2/9/2023  | 735      | Ryosan Co. Ltd                 | 1271100GADA6S    | U2245AAXD  | 2244, 2245 |
| RAA210130GBG#AD0 | 6017566  | 32234037098   | 2/9/2023  | 294      | Ryosan Co. Ltd                 | 1271100GADA6SA   | U2245AAXD  | 2244, 2245 |
| RAA210130GBG#AD0 | 2833147  | 301100240705  | 3/2/2023  | 147      | Macnica Cytech Limited         | 1271100GABA1S    | U2245AAXB  | 2244, 2245 |
| RAA210130GBG#AD0 | 2833147  | 301100240705  | 3/2/2023  | 147      | Macnica Cytech Limited         | 1271100GABA2S    | U2245AAXB  | 2244, 2245 |
| RAA210130GBG#AD0 | 2833147  | 301100240705  | 3/2/2023  | 147      | Macnica Cytech Limited         | 1271100GABA3S    | U2245AAXB  | 2244, 2245 |
| RAA210130GBG#AD0 | 2833147  | 301100240705  | 3/2/2023  | 147      | Macnica Cytech Limited         | 1271100GABA5SA   | U2245AAXB  | 2244, 2245 |
| RAA210130GBG#AD0 | 2859766  | 4508460969FXN | 3/3/2023  | 147      | WT Microelectronics Co LTD     | 1271100GABA4S    | U2245AAXB  | 2244, 2245 |

|                  |         |              |           |      |                             |                |           |            |
|------------------|---------|--------------|-----------|------|-----------------------------|----------------|-----------|------------|
| RAA210130GBG#AD0 | 2833147 | 301100240705 | 3/3/2023  | 147  | Macnica Cytech Limited      | 1271100GABA4S  | U2245AAXB | 2244, 2245 |
| RAA210130GBG#AD0 | 2833147 | 301100240705 | 3/3/2023  | 147  | Macnica Cytech Limited      | 1271100GACA1SA | U2245AAXC | 2244, 2245 |
| RAA210130GBG#AD0 | 2833147 | 301100240705 | 3/3/2023  | 147  | Macnica Cytech Limited      | 1271100GACA1SA | U2245AAXC | 2244, 2245 |
| RAA210130GBG#AD0 | 2853081 | 301822090315 | 3/23/2023 | 147  | Macnica Galaxy Inc          | 1271100GABA4S  | U2245AAXB | 2244, 2245 |
| RAA210130GBG#AD0 | 2857572 | 4508389720   | 3/23/2023 | 147  | WT Microelectronics Co LTD  | 1271100GABA4S  | U2245AAXB | 2244, 2245 |
| RAA210130GBG#AD0 | 2857870 | 4511387538   | 3/23/2023 | 147  | Avnet Logistics BVBA        | 1271100GACA3S  | U2245AAXC | 2244, 2245 |
| RAA210130GBG#AD0 | 6017562 | 32234037101  | 4/1/2023  | 1470 | Ryosan Co. Ltd              | 1271100GABA5S  | U2245AAXB | 2244, 2245 |
| RAA210130GBG#AD0 | 6017562 | 32234037101  | 4/1/2023  | 735  | Ryosan Co. Ltd              | 1271100GACA3S  | U2245AAXC | 2244, 2245 |
| RAA210130GBG#AD0 | 6017562 | 32234037101  | 4/1/2023  | 735  | Ryosan Co. Ltd              | 1271100GACA3S1 | U2245AAXC | 2244, 2245 |
| RAA210130GBG#AD0 | 6017562 | 32234037101  | 4/1/2023  | 294  | Ryosan Co. Ltd              | 1271100GACA3SA | U2245AAXC | 2244, 2245 |
| RAA210130GBG#AD0 | 6017562 | 32234037101  | 4/1/2023  | 735  | Ryosan Co. Ltd              | 1271100GADA7S  | U2245AAXD | 2244, 2245 |
| RAA210130GBG#AD0 | 6017562 | 32234037101  | 4/1/2023  | 735  | Ryosan Co. Ltd              | 1271100GADA7S1 | U2245AAXD | 2244, 2245 |
| RAA210130GBG#AD0 | 2863491 | 3404756838   | 4/27/2023 | 147  | Avnet Electronics           | 1271100GACA3S  | U2245AAXC | 2244, 2245 |
| RAA210130GBG#AD0 | 2863829 | 4511577783   | 4/27/2023 | 147  | EBV Elektronik GMBH & CO KG | 1271100GACA3S  | U2245AAXC | 2244, 2245 |
| RAA210130GBG#AD0 | 2863945 | 029-4X414    | 4/28/2023 | 147  | Mouser Electronics Inc.     | 1271100GACA3S  | U2245AAXC | 2244, 2245 |
| RAA210130GBG#AD0 | 1198726 | 1520110187   | 5/23/2023 | 147  | Direct Customer             | 1271100GACA3S  | U2245AAXC | 2244, 2245 |
| RAA210130GBG#AD0 | 2869517 | 301100314846 | 8/7/2023  | 147  | Macnica Cytech Limited      | 1271100GACA3S  | U2245AAXC | 2244, 2245 |
| RAA210130GBG#AD0 | 2867992 | 301100312858 | 8/8/2023  | 588  | Macnica Cytech Limited      | 1271100GACA3S  | U2245AAXC | 2244, 2245 |