

Product Change Notice (PCN)

Subject: Change in product specifications for photocoupler LSS05 package products.

Publication Date: 7/1/2024

Effective Date: 10/1/2024

Revision Description:

Initial Release

Description of Change:

The lower storage temperature (Tstg) limit of LSS05 package photocouplers will be changed from -55°C to -40°C after VDE recertification for the change in the lower limit of Tstg (scheduled for October).

In addition, if you have received VDE certification for your set using our current VDE certification, the lower limit of Tstg will be -40°C after we re-certify VDE, so you need to use the lower storage temperature limit of your set at -40°C or higher.

And then, if you want to obtain VDE certification for your set using our VDE certification after VDE recertification, you need to use the lower limit of Tstg at -40°C or higher, even if you are using a product that was shipped from the factory before VDE recertification.

Affected Product List:

	Order product number		Order product number
1	RV1S9207ACCSP-10YC#SCO	15	RV1S9231ACCSP-10YV#SCO
2	RV1S9207ACCSP-10YC#KCO	16	RV1S9231ACCSP-10YV#KCO
3	RV1S9207ACCSP-10YV#SCO	17	RV1S9260ACCSP-10YC#SCO
4	RV1S9207ACCSP-10YV#KCO	18	RV1S9260ACCSP-10YC#KCO
5	RV1S9209ACCSP-10YC#SCO	19	RV1S9260ACCSP-10YV#SCO
6	RV1S9209ACCSP-10YC#KCO	20	RV1S9260ACCSP-10YV#KCO
7	RV1S9209ACCSP-10YV#SCO	21	RV1S9261ACCSP-10YC#SCO
8	RV1S9209ACCSP-10YV#KCO	22	RV1S9261ACCSP-10YC#KCO
9	RV1S9213ACCSP-10YC#SCO	23	RV1S9261ACCSP-10YV#SCO
10	RV1S9213ACCSP-10YC#KCO	24	RV1S9261ACCSP-10YV#KCO
11	RV1S9213ACCSP-10YV#SCO	25	RV1S9262ACCSP-10YC#SCO
12	RV1S9213ACCSP-10YV#KCO	26	RV1S9262ACCSP-10YC#KCO
13	RV1S9231ACCSP-10YC#SCO	27	RV1S9262ACCSP-10YV#SCO
14	RV1S9231ACCSP-10YC#KCO	28	RV1S9262ACCSP-10YV#KCO

Reason for Change:

The LSS05 package is VDE certified as a safety standard. It was found that there was not enough margin for the standards for some of the test items to be carried out at the VDE, and it would be difficult to continue VDE certification in a stable manner in the future.

On the other hand, the test results of the LSSOP package product, which has the same size and structure as the LSS05 package, confirmed that there is a margin for the standard. These differences are due to differences in VDE test conditions, which in turn result from differences in the lower limit of Tstg.

Based on the above situation, we change the lower Tstg limit of the LSS05 package from -55°C to -40°C, which is the same as the LSSOP package.

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

There is no impact on the Fit, Form, Quality & Reliability. Except for storage temperature, the absolute maximum rating, electrical characteristics, and switching characteristics remain the same.

Product Identification:

There is no identification of the product before and after the change in the lower limit of the storage temperature.

For the status of changes to the lower limit of Tstg, please contact your Renesas sales representative.

Qualification Status: Not applicable

Sample Availability Date: Not applicable

Device Material Declaration: Please contact your Renesas sales representative.

Note:

1. Acknowledgement must be received by Renesas within 30 days or Renesas will consider the change as approved.

2. If timely acknowledgement is provided by Customer, then Customer shall have 90 days from the date of receipt of this PCN to make any objections to this PCN. If Customer fails to make objections to this PCN within 90 days of the receipt of the PCN then Renesas will consider the PCN changes as approved.

3. If customer cannot accept the PCN then customer must provide Renesas with a last time buy demand and purchase order.

For additional information regarding this notice, please contact your Renesas sales representative.