

Product Change Notice (PCN)

Subject: Change the LED of transistor output type photocoupler

Publication Date: 1/9/2025

Effective Date: 7/1/2025

Revision Description:

Initial Release

Description of Change:

Regarding the transistor output type photocoupler PS2513, the LED will be changed to another model from the same manufacturer. The bonding method will also be changed to the method used for other Renesas photocoupler products.

(After change) Reverse bonding (Current) Forward bonding

Affected Product List:

PS2513-1-A	PS2513-1-V-A	
PS2513L-1-A	PS2513L-1-F3-A	PS2513L-1-V-F3-A

Reason for Change:

For standardizing materials and manufacturing processes, the LEDs used in PS2513-1 and PS2513L-1 will be changed to LEDs that have been used in other Renesas photocoupler products.

In addition, with the change in LED, the wire bonding method will also be changed to the standard bonding method already used in other Renesas photocoupler products with the same package.

The characteristics will be equivalent before and after the change.

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

No impact

Product Identification:

The product itself can not be identified, but it is possible to distinguish by the label printing contents of the inner box. (PN2 item) New: LN Current: NS

Qualification Status: available from 2/3/2025

Sample Availability Date: 2/3/2025

Device Material Declaration: available from 2/3/2025

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.