

Product Change Notice (PCN)

Subject: Assembly materials change for M16C/M32C family LGA package products.

Publication Date: 9/14/2022

Effective Date:

Mold compound change product: 4/1/2023

Mold compound & substrate material change product: switch sequentially after 11/1/2023

Revision Description:

Initial Release

Description of Change:

For the listed Renesas M16C family and M32C family products, the mold compound material will be changed. Next, the substrate material will be changed.

Affected Product List:

Product list and the contents of change.

Orderable part number	Mold compound	Substrate
M30280FAWG#U5B	Current mold compound -> Changed mold compound	Current substrate -> Changed substrate
M30280FAWG#U7B	Current mold compound -> Changed mold compound	Current substrate -> Changed substrate
M30627FJPGW#U3C	Current mold compound -> Changed mold compound	Current substrate -> Changed substrate
R5F363AMDLG#U0	Current mold compound -> Changed mold compound	No change
R5F363SMNLG#U0	Current mold compound -> Changed mold compound	No change
R5F64112NLG#U0	Current mold compound -> Changed mold compound	Current substrate -> Changed substrate
R5F6411FNLG#U0	Current mold compound -> Changed mold compound	Current substrate -> Changed substrate

Reason for Change:

Due to the end of supply by the material manufacturers.

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

Mold compound change product: There is no change or influence.

Mold compound & substrate material change product: Due to the core material of substrate change, the color of the sides of the substrate will be change slightly. There is no change to other forms. There is no impact on Fit, Function, Quality and Reliability.

Product Identification:

Our production history data can be queried by using the trace code of the product.

Qualification Status:

The Reliability report delivery schedule is as follows.

Mold compound change product: 12/19/2022

Mold compound & substrate material change product: 12/19/2022

Sample Availability Date:

Sample cannot be provided.

Device Material Declaration: Please contact sales representative or sales agent.

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.