

## Product Change Notice (PCN)

**Subject:** Mold resin change for MP-3A package Discrete Power Devices

**Publication Date:** 8/8/2023

**Effective Date:** 1/1/2024

**Revision Description:**

Initial release

**Description of Change:**

Mold resin for MP-3A package Discrete Power Devices will be changed from Halogen-containing to Halogen-free.

Affected Products: Triac, Thyristor, MOSFET, Diode

Affected site: GEM Electronics (Shanghai) Co., Ltd.

Item	From (Existing)	To (New)
Vender	Company A	←
Material	Epoxy resin	←
Flame retardant	Brominated (Halogen-containing)	Organic (Halogen-free)
Flammability	UL94 V-0	←

There is no change in other materials, assembly conditions, or process flow, and product characteristics, external dimensions and reliability are not affected. We have also confirmed that.

**Affected Product List:**

**【Triac】**

BCR2AS-14A-T13#B00	BCR3AS-12B-T13#B01	BCR4AS-16LHT13#B00	BCR5AS-14A-T13#B00
BCR3AS-12A-T13#B00	BCR3AS-14B-T13#B00	BCR5AS-12A-T13#B00	BCR8AS14LJ-T13#B01
BCR3AS-12A-T13#C03	BCR4AS16LH1T13#B00	BCR5AS-12B-T13#B01	

**【Thyristor】**

CR2AS-16A-T13#B00	CR3AS-8UE-T13#B00	CR5AS-12A-T13#C01	CRD4AS-12B-T13#B00
CR2AS-16A-T13#C01	CR3AS-8UE-T13#C0B	CR5AS-12A-T13#C04	CRD5AS-12B-T13#B00
CR3AS-12C-T13#B00	CR5AS-12A-T13#B00	CR5AS-12A-T13#C06	CRD5AS-12B-T13#C01
CR3AS-8B-T13#B00	CR5AS-12A-T13#B01	CR5AS-8UE-T13#B00	CRD5AS-12B-T13#C0A
CR3AS-8UE-A2#C0B			

**【MOSFET】**

RJJ1011DPD-00#J2	RJK5002DPD-00#J2	RJK5006DPD-01#J2	RJK6002DPD-00#J2
RJK4002DPD-00#J2	RJK5003DPD-00#J2	RJK5030DPD-00#J2	RJK6006DPD-00#J2
RJK4532DPD-00#J2	RJK5003DPD-01#J2	RJK5033DPD-00#J2	RJK6025DPD-00#J2

**【Diode】**

RJU60C2DPD-00#J2
------------------

**Reason for Change:**

End of Life of the Halogen-included molding compound material.

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

No impact on the form, mounting, function, characteristics, quality, reliability.

**product Identification:**

It can be identified by product's T/C (Manufacture lot and For Renesas Electronics management).  
Please contact our sales representative.

**Qualification Status:** Please contact your local field sales representative.

**Sample Availability Date:** Samples are not available. Please contact your local field sales representative.

**Device Material Declaration:** Please contact your local field 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.**