

Product Change Notice (PCN)

Subject : Additional lead-frame vendor for LDPAK-L/LDPAK-S of MOSFET

Publication Date : 9/2/2022

Effective Date : 2/1/2023

Revision Description :

Initial release

Description of Change :

Renesas will use Company B as additional lead-frame vendor for LDPAK-L/LDPAK-S of MOSFET.

- Affected products : LDPAK-L/LDPAK-S of MOSFET products.

- Affected back-end manufacturing site : Renesas Semiconductor (Malaysia) Sdn.

| | Current | Additional | Notes |
|-----------|---------------------------------|------------|---|
| Vendor | Company A | Company B | Company B's L/F has been used in-house in different PKGs. |
| Method | Processing by pressing | ← | |
| Dimension | Design value as before | ← | |
| Material | Basic constituent material ; Cu | ← | |

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 :

【LV-MOS】

| | | | |
|------------------|--------------|-----------------|---------------|
| 2SJ280L-E | 2SJ280STR-E | 2SJ479L-E | 2SJ479STL-E |
| 2SJ505L-E | 2SJ505STL-E | 2SJ549L-E | 2SJ549STL-E |
| 2SJ550L-E | 2SJ550STL-E | 2SJ551L-E | 2SJ551STR-E |
| 2SJ552L-E | 2SJ552STR-E | 2SJ553L-E | 2SJ553STL-E |
| 2SJ553STR-E | 2SK2553L-E | 2SK2553STL-E | 2SK2912STR-E |
| 2SK2938L-E | 2SK2938STR-E | 2SK2939STL-E | 2SK2940STR-E |
| 2SK3070L-E | 2SK3070STR-E | 2SK3082L-E | 2SK3082STL-E |
| 2SK3134L-E | 2SK3135STR-E | 2SK3150L-E | 2SK3150STL-E |
| H7N0307LSTR-E | H7N0310LD-E | H7N0310LSTR-E | H7N0602LSTR-E |
| H7N1002LD01-E | H7N1002LD-E | H7N1002LS01TR-E | H7N1002LSTL-E |
| RJK1008DPE-00#J3 | | | |

【HV-MOS】

| | | | |
|------------------|------------------|------------------|------------------|
| 2SK1528L-E | 2SK1528STR-E | 2SK1647L-E | 2SK1647STR-E |
| 2SK3161L-E | 2SK3161STR-E | 2SK3210STL-E | 2SK3211-01L-E |
| 2SK3211-01STR-E | 2SK3211STR-E | H5N2001LSTL-E | H5N2522LSTL-E |
| H5N5006LSTL-E | RJK1525DPE-TL-E | RJK1535DPE-00#J3 | RJK2006DPJ-00#T3 |
| RJK4013DPE-00#J3 | RJK4512DPE-00#J3 | RJK5012DPE-00#J3 | RJK6012DPE-00#J3 |
| RJK6013DPE-00#J3 | RJL5013DPE-00#J3 | RJL6012DPE-00#J3 | RJL6013DPE-00#J3 |

Reason for Change :

Due to a shortage of supply capacity of company A, which is currently using lead frames for the products, new company B's lead frames will also be additionally applied.

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

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

No change in process flow.

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 : N/A**Sample Availability Date : N/A****Device Material Declaration : Materials can be provided. Please contact our 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.