

Product Change Notice (PCN)

Subject: Add Alternate Fab Location

Publication Date: 5/1/2026

Effective Date: 10/21/2026

Revision Description:

Initial Release

Description of Change:

This PCN notice is to advise customers that Renesas is qualifying TSMC Fab 3 (F3) as an alternate fab location to alleviate supply chain constraint on the products listed in this notice. There is no change to the product design or process technology as compared to the existing fab location, TSMC Fab 8 (F8).

Renesas will provide a conditional qual report by October 2026 that will include all items except HTOL which will be completed by the end of October 2026. This product will have the same Orderable Part Number as the existing SPD Hub device.

There is no change to the package assembly and backend manufacturing processing including the product datasheets.

Affected Product List: Refer Appendix B

Reason for Change:

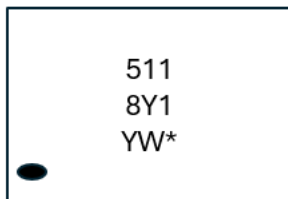
This change will allow the flexibility to ship from all the qualified facilities and will provide an increased capacity.

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

The change, it is expected will have no impact on the form, fit, function, quality, reliability and environmental compliance of the products.

Product Identification:

Refer top mark diagram as depicted below.



Line 1: 5; 1 = Device Type Identifier; 1 = Temp Sensor Identifier (with Temperature Sensor);
 Line 2: 8 = SPD device; Y = Mask revision; 1 = Minor revision
 Line 3: Y = Year code (9 = 2019; 0 = 2020; 1 = 2021, etc.); W = Workweek code; * = Sequential code; the underline indicates the assembly house

Fab Qualification Status at Renesas: In Progress. Refer below for qualification schedules.

Qualification	Timeline
Conditional Qual. Report (Validation complete except HTOL)	August 2026
Final Qual. Report (All testing complete including reliability)	E/August 2026

Sample Availability Date: Targeting samples to be shipped in August 2026

Test Correlation report: Available on request

Note:

1. Acknowledgement must be received by Renesas within 30 days or Renesas will consider the change as approved.
2. Request customer for an expeditious qualification and approval of this PCN. Renesas intends to start ramping up production shipments in Q4'26.

For additional information regarding this notice, please contact idt-pcn@lm.renesas.com

Appendix B – Affected Product List

SPD5118-Y1B000NCG	SPD5118-Y1B000NCG8
SPD5118Y1B000NCG8D	SPD5118Y1B000NCG8H