

Product Change Notice (PCN)

Subject: Add Renesas, Kulim-Malaysia as Alternate Final Test Location

Publication Date: 2/28/2025

Effective Date: 5/27/2025

Revision Description:

Initial Release

Description of Change:

Renesas located in Kulim, Malaysia is added as an alternate Final Test Location for the select part# that are currently tested at Renesas Penang, Malaysia. Both Renesas Kulim and Renesas Penang are owned by Renesas and are the mature Test facilities. This change will allow flexibility to test from either facility and will provide increased capacity, flexibility and shorter lead time to meet market demand. Test processing flows and test programs are the same at the two facilities. Electrical test correlation has been completed and based on the test results we do not anticipate any impact on device performance. The testing is fully compatible and transferable between the two facilities with no change to the test coverage.

Affected Product List: Appendix B

Reason for Change:

To provide increased capacity.

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

The change has no impact on the form, fit, function, quality, reliability and environmental compliance of the product.

Product Identification:

Traceability to the test location is available on request.

Qualification Status: Electrical characterization completed successfully. Refer Appendix A

Sample Availability Date: Two weeks upon sample request

Device Material Declaration: Not applicable

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 idt-pcn@lm.renesas.com

Appendix A - Electrical Test Characterization Results

Qual Vehicle: 8SLVP1204ANLGI

Sample size: 1000 electrically good units tested by handler
3 reject units tested by handler

Descriptions	Existing Test (Renesas Penang, Malaysia)	Alternate Test (Renesas Kulim, Malaysia)
Tester Platform	National Instruments STS T2	National Instruments STS T2
Loadboard	PXI-DB8SLVP1204	PXI-DB8SLVP1204
Test Program	8SLVP1204_R1	8SLVP1204_R1
Test Site	4	4
Test Temperature	25 °C	25 °C
Test Correlation Results	100%	100%
Number of Good Units	1000 units	1000 units
1000 good units datalog correlation	Passed	Passed
Number of Loop Test	10	10
Number of Reject Units	3 units	3 units
3 reject units datalog correlation	Passed	Passed

Appendix B – Affected Product List

5T9306NLGI	8535AGLFT-ACT	8SLVD2102NLGI	8T49N287A-064NLGI
5T9306NLGI8	853S01AKILF	8SLVD2102NLGI/W	8T49N287A-064NLGI8
83026BGI-01LF	853S01AKILF5	8SLVD2102NLGI8	8T49N287A-067NLGI
83026BGI-01LFT	853S01AKILFT	8SLVP1102ANLGI	8T49N287A-067NLGI8
8533AG-01LF	858S011AKILF	8SLVP1102ANLGI/W	8T49N287A-107NLGI
8533AG-01LFT	858S011AKILFT	8SLVP1102ANLGI8	8T49N287A-107NLGI8
8533AGI-01LF	8P34S1102NLGI	8SLVP1104ANLGI	8T49N287A-994NLGI
8533AGI-01LFT	8P34S1102NLGI8	8SLVP1104ANLGI/W	8T49N287A-994NLGI8
8535AG-01LF	8P34S1204NLGI	8SLVP1104ANLGI8	8T49N287A-999NLGI
8535AG-01LFT	8P34S1204NLGI/W	8SLVP1204ANLGI	8T49N287A-999NLGI#
8535AG-31LF	8P34S1204NLGI8	8SLVP1204ANLGI/W	8T49N287A-999NLGI8
8535AG-31LF-ACT	8RCG0412NLGI	8SLVP1204ANLGI8	8V49NS0312NLGI
8535AG-31LF-HC	8RCG0412NLGI8	8SLVP1208ANBGI	8V49NS0312NLGI8
8535AG-31LFHCLF	8S58021AKILF	8SLVP1208ANBGI/W	8V49NS0412NLGI
8535AG-31LFT	8S58021AKILF-09	8SLVP1208ANBGI8	8V49NS0412NLGI8
8535AG-31LFT-ACT	8S58021AKILFT	8SLVP2102ANLGI	8V79S683NLGI
8535AGI-01LF	8S58021AKILFT-09	8SLVP2102ANLGI/W	8V79S683NLGI/W
8535AGI-01LFT	8S89831AKILF	8SLVP2102ANLGI8	8V79S683NLGI8
8535AGLF	8S89831AKILFT	8T49N240-013NLGI	
8535AGLF-ACT	8S89832AKILF	8T49N240-013NLGI#	
8535AGLFT	8S89832AKILFT	8T49N240-013NLGI8	