

End Of Life Notice
Notification – PLC23025
[06 December 2023]

To: Our Valued Customers

Overview: The purpose of this notification is to communicate that Renesas Electronics has begun the End-of-Life (EOL) Process on select part numbers.

Affected

Products: Attached is a list of products affected by this notification.

Part numbers given in the attached list are for active part numbers in the Renesas Electronics database at the time of this notification.

Key Dates:

Standard Product	
Final Last Time Buy (LTB) Orders placed after this date will not be processed.	06-Jun-24
Last Shipment (LTS)	06-Dec-24
Custom / Proprietary Product	
Final Last Time Buy (LTB) Orders placed after this date will not be processed.	06-Dec-24
Last Shipment (LTS)	06-Jun-25

Response: Please place LTB orders in a timely manner prior to the key dates listed to avoid product availability issues. Shipments between the LTB and LTS dates are Non-Cancelable and Non-Returnable (NCNR).

Renesas Electronics America Inc. will attempt to honor all such purchase orders and scheduled delivery dates, but reserves the right to not accept new orders or to cancel existing orders if such orders cannot be filled through reasonable commercial effort.

Any order resulting from this notice shall be governed by Renesas's General Terms and Conditions Available at: [General Term and Conditions](#) or the applicable legal terms covering the purchase and sale transaction.

Please work with your sales representative or Field Applications Engineer to determine suitable replacement devices.

Please contact your local sales representative or Central Applications @ 1-888-468-3774 for any questions or comments.

Thank you for your attention.

Sincerely,
Renesas Electronics

Exact Renesas Part # No other variation is being impacted.	Notice Issue Date	LTB / Withdrawn Date	LTS / Obsolete Date	Replacement / Similar / Re-Design Part Number	Reason
EL5111IWTZ-EVAL	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
EL9115ILZ	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
EL9115ILZ-T13	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
EL9115ILZ-T7	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
HIP2105-6MBEVAL1Z	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
HIP2105DBEVAL1Z	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
HIP2105FRZ	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
HIP2105FRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
HIP2106ADBЕVAL1Z	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
HIP2106AIRZ	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
HIP2106AIRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
ISL45042EVAL1	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL45042EVAL1Z	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL45042IRZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL45042IRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL45042IRZ-TK	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL45043IRZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL45043IRZR5465	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL45043IRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL45043IRZ-TR5465	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL45043IRZ-TS2721	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL54062EVAL1Z	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL54063EVAL1Z	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL54064EVAL1Z	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL54065EVAL1Z	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL54210EVAL1Z	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL54220IRUEVAL1Z	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL54222AIRUEVAL1Z	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL54222AIRUZ-TS2568	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL54224IRTZEVAL1Z	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL54225IRTZEVAL1Z	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL54226IRTZEVAL1Z	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL54405EVAL3Z	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL54406EVAL1Z	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL58344-PWB	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6208BIRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline

ISL6208CHRZ-TR5675	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6208CRZ-TS2568	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6208IBZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6208IRZ-TS2568	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6227CAZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6227IAZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6227IRZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6236AIRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6236IRZA-TR5281	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL62392CIRTZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL62392HRTZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6261ACRZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6261AIRZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6262AIRZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6262AIRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6265CIRTZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6267HRZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6267HRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6269ACRZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6269ACRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6269BIRZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6273EVAL1	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL62771HRTZ-TS2775	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL62771HRTZ-TS2778	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL62772HRTZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL62772IRTZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL62773AHRZ	12/6/2023	6/6/2024	12/6/2024	ISL62773AHRZ-T	Market Decline
ISL62773AIRZ	12/6/2023	6/6/2024	12/6/2024	ISL62773AIRZ-T	Market Decline
ISL62871HRUZ-TS2490	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL62871HRUZ-TS2568	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL62881HRTZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL62881HRTZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL62882HRTZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL62882IRTZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL62883CEVAL2Z	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL62883EVAL2Z	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL62883HRTZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL62883HRTZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL62883HRTZ-TS2705	12/6/2023	9/6/2024	3/6/2025	None	Market Decline

ISL6298EVAL1	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6298EVAL2	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6312CRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6314CRZ	12/6/2023	6/6/2024	12/6/2024	ISL6314CRZ-T	Market Decline
ISL6333ACRZ	12/6/2023	6/6/2024	12/6/2024	ISL6333ACRZ-T	Market Decline
ISL6333AIRZ	12/6/2023	6/6/2024	12/6/2024	ISL6333AIRZ-T	Market Decline
ISL6333IRZ	12/6/2023	6/6/2024	12/6/2024	ISL6333IRZ-T	Market Decline
ISL6334ACRZ	12/6/2023	6/6/2024	12/6/2024	ISL6334ACRZ-T	Market Decline
ISL6334AIRZ	12/6/2023	6/6/2024	12/6/2024	ISL6334AIRZ-T	Market Decline
ISL6334CRZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6334CRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6334IRZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6334IRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6341ACRZ	12/6/2023	6/6/2024	12/6/2024	ISL6341ACRZ-T	Market Decline
ISL6341AIRZ	12/6/2023	6/6/2024	12/6/2024	ISL6341AIRZ-T	Market Decline
ISL6341CRZ	12/6/2023	6/6/2024	12/6/2024	ISL6341CRZ-T	Market Decline
ISL6341CRZ-TR5326	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL6341IRZ	12/6/2023	6/6/2024	12/6/2024	ISL6341IRZ-T	Market Decline
ISL6363CRTZ	12/6/2023	6/6/2024	12/6/2024	ISL6363CRTZ-T	Market Decline
ISL6363IRTZ	12/6/2023	6/6/2024	12/6/2024	ISL6363IRTZ-T	Market Decline
ISL6377HRZ	12/6/2023	6/6/2024	12/6/2024	ISL6377HRZ-T	Market Decline
ISL6377IRZ	12/6/2023	6/6/2024	12/6/2024	ISL6377IRZ-T	Market Decline
ISL6398IRTZ-TK	12/6/2023	12/6/2024	6/6/2025	ISL6398IRTZ-T	Market Decline
ISL6506BCBZ	12/6/2023	6/6/2024	12/6/2024	ISL6506BCBZ-T	Market Decline
ISL6537ACRZ	12/6/2023	6/6/2024	12/6/2024	ISL6537ACRZ-T	Market Decline
ISL6537CRZ	12/6/2023	6/6/2024	12/6/2024	ISL6537CRZ-T	Market Decline
ISL6537CRZ-TR5160	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL6545ACBZ	12/6/2023	6/6/2024	12/6/2024	ISL6545ACBZ-T	Market Decline
ISL6545AIBZ	12/6/2023	6/6/2024	12/6/2024	ISL6545AIBZ-T	Market Decline
ISL6545CBZ	12/6/2023	6/6/2024	12/6/2024	ISL6545CBZ-T	Market Decline
ISL6617CRZ	12/6/2023	6/6/2024	12/6/2024	ISL6617CRZ-T	Market Decline
ISL6617IRZ	12/6/2023	6/6/2024	12/6/2024	ISL6617IRZ-T	Market Decline
ISL66223VW	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL66225W	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL66226W	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL68124IRAZ-TR5952	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL68124IRAZ-TR5982	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL68127IRAZ-TR5778	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL68134-31P-EV1Z	12/6/2023	12/6/2024	6/6/2025	None	Manufacturing Discontinuance

ISL68137IRAZ-TR5741	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL68137IRAZ-TR5983	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL68137IRBZ-TR5781	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL68144IRAZ-T	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL68144IRAZ-T7A	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL68147IRAZ-T	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL68147IRAZ-T7A	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL68225IRAZ-TR5977	12/6/2023	12/6/2024	6/6/2025	ISL68225IRBZ-TR5977	Market Decline
ISL69125-31P-EV2Z	12/6/2023	12/6/2024	6/6/2025	None	Manufacturing Discontinuance
ISL69125IRAZ-TR5737	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL69125IRAZ-TR5915	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL69127-61P-EV1Z	12/6/2023	12/6/2024	6/6/2025	None	Manufacturing Discontinuance
ISL6912X-SYS-EV1Z	12/6/2023	12/6/2024	6/6/2025	None	Manufacturing Discontinuance
ISL69134-31P-EV1Z	12/6/2023	12/6/2024	6/6/2025	None	Manufacturing Discontinuance
ISL69134IRAZ-TR5695	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL69134IRAZ-TR5955	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL69138-CRB-EV1Z	12/6/2023	12/6/2024	6/6/2025	None	Manufacturing Discontinuance
ISL69147-44-62P-EV1Z	12/6/2023	12/6/2024	6/6/2025	None	Manufacturing Discontinuance
ISL69242IRCZ-TR5834	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL69298IRAZ	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL69298IRAZ-T	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL8104CRZ	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
ISL8104CRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
ISL8104EVAL1Z	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
ISL8104EVAL2Z	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
ISL8104IRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
ISL88550AIRZ-T7	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL88731AHRZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL88731AHRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL88732HRTZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL88732HRTZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL91106IIA-EVZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL91106IIN-EVZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL91106IIQ-EVZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL91211A-BIK-REFZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL91211AIK-REFZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL91211AIKZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL91211AIKZT7AR5873	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL91211AIKZT7AR5874	12/6/2023	6/6/2024	12/6/2024	None	Market Decline

ISL91211AIKZ-TR5818	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL91211AIKZ-TR5873	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL91211AIKZ-TR5874	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL91211BIK-REF2Z	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL91211BIK-REFZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL91211BIKZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL91211BIKZT7AR5875	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL91211BIKZT7AR5878	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL91211BIKZ-TR5875	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL91211BIKZ-TR5878	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL91302BIKZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL91302BIKZT7AR5850	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL91302BIKZT7AR5851	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL91302BIKZT7AR5852	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL91302BIKZT7AR5855	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL91302BIKZT7AR5856	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL91302BIKZ-TR5814	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL91302BIKZ-TR5815	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL91302BIKZ-TR5816	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL91302BIKZ-TR5817	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL91302BIKZ-TR5850	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL91302BIKZ-TR5851	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL91302BIKZ-TR5852	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL91302BIKZ-TR5855	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL91302BIKZ-TR5856	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL9204EVAL1	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL9204EVAL1Z	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL9206EVAL1	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL9214AEVAL1Z	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL9230EVAL1Z	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL94203EVAL1Z	12/6/2023	6/6/2024	12/6/2024	ISL94202EVKIT1Z	Market Decline
ISL94203EVKIT1Z	12/6/2023	6/6/2024	12/6/2024	ISL94202EVKIT1Z	Market Decline
ISL94203INTFACEKIT1Z	12/6/2023	6/6/2024	12/6/2024	ISL94202EVKIT1Z	Market Decline
ISL94203IRTZ	12/6/2023	6/6/2024	12/6/2024	ISL94202IRTZ	Market Decline
ISL94203IRTZ-T	12/6/2023	6/6/2024	12/6/2024	ISL94202IRTZ-T	Market Decline
ISL94203IRTZ-T7	12/6/2023	6/6/2024	12/6/2024	ISL94202IRTZ-T7	Market Decline
ISL94203IRTZ-T7A	12/6/2023	6/6/2024	12/6/2024	ISL94202IRTZ-T7A	Market Decline
ISL9440AIRZS2718	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
ISL9440IRZ	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance

ISL9440IRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
ISL95712HRZ	12/6/2023	6/6/2024	12/6/2024	ISL95712HRZ-T	Market Decline
ISL95712IRZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95712IRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95808HRZ-TS2568	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95808HRZ-TS2722	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95812HRZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95813HRZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95813HRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95813IRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95816HRZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95816HRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95820CRTZ	12/6/2023	6/6/2024	12/6/2024	ISL95820CRTZ-T	Market Decline
ISL95820IRTZ	12/6/2023	6/6/2024	12/6/2024	ISL95820IRTZ-T	Market Decline
ISL95824HRZ	12/6/2023	6/6/2024	12/6/2024	ISL95824HRZ-T	Market Decline
ISL95824IRZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95824IRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95829AHRZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95829CHRTZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95829CHRTZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95829CIRTZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95829HRTZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95829HRTZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95829IRTZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95829IRTZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95831CHRTZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95831CHRTZ-TS2568	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95831CIRTZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95831HRTZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95831HRTZ-TS2568	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95831IRTZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95831IRTZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95832HRTZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95832HRTZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95832IRTZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95833IRTZ-TR5671	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95835HRZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95835HRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95836IRTZ-TS2568	12/6/2023	6/6/2024	12/6/2024	None	Market Decline

ISL95837HRZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95837HRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95853HRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95853HRZ-TK	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95853HRZ-TS2568	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95853IRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95854HRZ-TK	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95856HRZ	12/6/2023	6/6/2024	12/6/2024	ISL95856HRZ-T	Market Decline
ISL95856IRZ	12/6/2023	6/6/2024	12/6/2024	ISL95856IRZ-T	Market Decline
ISL95857AHRTZ-TS2722	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95857CHRTZ-TS2778	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL95857HRTZ-TS2778	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL95858HRZ	12/6/2023	6/6/2024	12/6/2024	ISL95858HRZ-T	Market Decline
ISL95858IRZ	12/6/2023	6/6/2024	12/6/2024	ISL95858IRZ-T	Market Decline
ISL95859AHRTZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95859AHRTZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95859AIRTZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95859CHRTZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95859CHRTZ-TS2778	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL95859CIRTZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95860HRTZ-TS2701	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95860HRTZ-TS2778	12/6/2023	12/6/2024	6/6/2025	None	Market Decline
ISL95866CIRZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95866CIRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95866IRZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95866IRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95870BHRZ-TS2709	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL95880HRTZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL97645AIRZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL97645AIRZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL97645AIRZ-TK	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL97656IRTZ-TKR6022	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL97698IIZ-T	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL97900-CRZ-EVALZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL98611II-EVZ	12/6/2023	6/6/2024	12/6/2024	None	Market Decline
ISL99227FRZ-TS2568	12/6/2023	12/6/2024	6/6/2025	ISL99227FRZ-T	Market Decline
ISL99392FRZ-TR5935	12/6/2023	12/6/2024	6/6/2025	None	Manufacturing Discontinuance
KAD5510P-12Q48	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
KAD5510P-17Q48	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance

KAD5510P-21Q48	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
KAD5510P-25Q48	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
KAD5512HP-12Q48	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
KAD5512HP-17Q48	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
KAD5512HP-21Q48	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
KAD5512HP-25Q48	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
KAD5512P-12Q48	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
KAD5512P-17Q48	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
KAD5512P-21Q48	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
KAD5512P-25Q48	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
KAD5514P-12Q48	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
KAD5514P-17Q48	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
KAD5514P-21Q48	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
KAD5514P-25Q48	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
RAA228228ROVGNP#HA0	12/6/2023	12/6/2024	6/6/2025	RAA228228ROVGNP#HA1	Market Decline
ZL8800ALAF7	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
ZL8800ALAF7A	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
ZL8800ALAF7KR5662	12/6/2023	12/6/2024	6/6/2025	None	Manufacturing Discontinuance
ZL8800ALBFT	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
ZL8800ALBFT7A	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
ZL8800ALBFTK	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
ZL8800ALBFTKR5637	12/6/2023	12/6/2024	6/6/2025	None	Manufacturing Discontinuance
ZL8800ALBFTKS2568	12/6/2023	12/6/2024	6/6/2025	None	Manufacturing Discontinuance
ZL8802ALAF7	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
ZL8802ALAF7A	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
ZL8802ALAF7K	12/6/2023	6/6/2024	12/6/2024	None	Manufacturing Discontinuance
ZL8802ALAF7R5687	12/6/2023	12/6/2024	6/6/2025	None	Manufacturing Discontinuance
ZL8802ALAF7R5959	12/6/2023	12/6/2024	6/6/2025	None	Manufacturing Discontinuance