End Of Life Notice

Notification – PLC21035

[25 June 2021]

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.	**25-Dec-21**
Last Shipment (LTS)	**25-Jun-22**
Custom / Proprietary Product	
Final Last Time Buy (LTB) Orders placed after this date will not be processed.	**25-Jun-22**
Last Shipment (LTS)	**25-Dec-22**
ISL29xxx Product EOL	
Final Last Time Buy (LTB) Orders placed after this date will not be processed.	**31-Jul-21**
Last Shipment (LTS)	**31-Mar-22**

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	Notice PLC21035 Issue Date	LTB / Withdrawn Date	LTS / Obsolete Date	Replacement / Similar / Re-Design Part Number	Reason
CA5260MZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
CA5260MZ96	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
CDP68HC68T1EZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
CDP68HC68T1MZ	6/25/2021	12/25/2021	6/25/2022	CDP68HC68T1M2Z	Market Decline
CDP68HC68T1MZ96	6/25/2021	12/25/2021	6/25/2022	CDP68HC68T1M2Z96	Market Decline
CMP82C55AZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
CP80C86-2Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
CS82C50A-5Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
CS82C50A-5Z96	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
CS82C52Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
CS82C52Z96	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
CS82C54-12Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
CS82C54-12Z96	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL1881CSZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL1881CSZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL1881CSZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL1881CSZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL1883ISZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL1883ISZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL1883ISZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL1883ISZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL4342ILZA	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL4342ILZA-T13	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL4342ILZA-T7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL4511CUZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL4511CUZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL4511CUZ-T7S2705	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
EL4581CSZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL4581CSZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL4581CSZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL4583AISZ	6/25/2021	12/25/2021	6/25/2022	EL4583CSZ	Market Decline
EL4583AISZ-T13	6/25/2021	12/25/2021	6/25/2022	EL4583CSZ-T13	Market Decline
EL4583AISZ-T7	6/25/2021	12/25/2021	6/25/2022	EL4583CSZ-T7	Market Decline
EL5220TILZ-T13	6/25/2021	12/25/2021	6/25/2022	EL5220TIYZ-T13	Market Decline
EL5324IREZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

EL5324IREZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL5324IREZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL5362ISZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL5362ISZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL5362ISZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL5362IUZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL5362IUZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL5362IUZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL5421TIYZ	6/25/2021	12/25/2021	6/25/2022	EL5420TIRZ-T13	Market Decline
EL5421TIYZ-T13	6/25/2021	12/25/2021	6/25/2022	EL5420TIRZ-T13	Market Decline
EL5421TIYZ-T7	6/25/2021	12/25/2021	6/25/2022	EL5420TIRZ-T13	Market Decline
EL7154CSZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL7154CSZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL7154CSZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL7536IY	6/25/2021	12/25/2021	6/25/2022	ISL9107IRZ-T	Market Decline
EL7586AILZ	6/25/2021	12/25/2021	6/25/2022	ISL97519AIUZ-T	Market Decline
EL7586AILZ-EVAL	6/25/2021	12/25/2021	6/25/2022	ISL97519AIUZ-T	Market Decline
EL7586AILZ-T13	6/25/2021	12/25/2021	6/25/2022	ISL97519AIUZ-T	Market Decline
EL7586AILZ-T7	6/25/2021	12/25/2021	6/25/2022	ISL97519AIUZ-T	Market Decline
EL7586ILZ-EVAL	6/25/2021	12/25/2021	6/25/2022	ISL97519AIUZ-T	Market Decline
EL8176FSZ	6/25/2021	12/25/2021	6/25/2022	None	Other
EL8176FSZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Other
EL8176FWZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL8176FWZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL8302IUZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL8302IUZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
EL8302IUZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HAA0-52324R5123	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
HC5503PRCBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HC5503PRCBZ96	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HC55185DIMZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HC55185DIMZ96	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HC55185ECMZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HC55185ECMZ96	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HC55185GCMZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HC55185GIMZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HI1-574AJD-5	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HI1-574AKD-5	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

HI1-674AKD-5	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HI5660/6IAZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HI5660/6IAZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HI5660IBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HI5760/6IBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HI5760IAZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HI5760IAZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HI5960IAZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HI5960IAZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HI5960IBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HIN206ECBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HIN206ECBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HIN208ECAZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HIN208ECAZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HIN208EIAZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HIN208EIAZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HIN208EIBZ	6/25/2021	12/25/2021	6/25/2022	HIN208ECBZ	Market Decline
HIN211CAZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HIN211CAZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HIN211CBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HIN211CBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HIN213CAZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HIN213CAZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HIN232ECAZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HIN232ECAZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HIN238IBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HIN238IBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HIN239CBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HIN239CBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HIN239CPZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HIP1020CKZ-TR5194	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
HIP6521EVAL1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HM1-65642-9	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
HSP45102SC-33Z	6/25/2021	6/25/2022	12/25/2022	None	Manufacturing Discontinuance
HSP45102SC-40Z	6/25/2021	6/25/2022	12/25/2022	None	Manufacturing Discontinuance

HSP45102SI-33Z	6/25/2021	6/25/2022	12/25/2022	None	Manufacturing Discontinuance
HSP50214BVCZ	6/25/2021	6/25/2022	12/25/2022	None	Manufacturing Discontinuance
HSP50214BVIZ	6/25/2021	6/25/2022	12/25/2022	None	Manufacturing Discontinuance
HSP50216KIZ	6/25/2021	6/25/2022	12/25/2022	None	Manufacturing Discontinuance
HSP50415EVAL1	6/25/2021	6/25/2022	12/25/2022	None	Manufacturing Discontinuance
HSP50415VIZ	6/25/2021	6/25/2022	12/25/2022	None	Manufacturing Discontinuance
ICL232CBEZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL232CBEZT	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3207ECBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3207ECBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3207IAZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3207IAZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3221EFVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3221EFVZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3221EFVZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3222EIVZ-TS2490	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ICL3223ECAZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3223ECAZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3223ECAZ-TS2490	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ICL3223EIAZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3223EIAZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3227ECAZA	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3227ECAZA-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3227EIAZA	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3227EIAZA-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3232EIBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3232EIBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3232EIV-20Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3232EIV-20ZT	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3238EIVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3238EIVZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3241ECVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

ICL3241ECVZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3243ECBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3243ECBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL3245ECAZ-TS2705	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ICL7106CM44Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL7106CM44ZT	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ICL7665SAIBAZATS2357	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ICM7218AIJI	6/25/2021	12/25/2021	6/25/2022	ICM7218BIJI	Market Decline
ICM7218AIJIR5254	6/25/2021	6/25/2022	12/25/2022	ICM7218BIJI	Other
ICM7218BIJIR5254	6/25/2021	6/25/2022	12/25/2022	ICM7218BIJI	Other
ICM7218CIJI	6/25/2021	12/25/2021	6/25/2022	ICM7218BIJI	Market Decline
ICM7218CIJIR5254	6/25/2021	6/25/2022	12/25/2022	ICM7218BIJI	Other
ICM7218DIJI	6/25/2021	12/25/2021	6/25/2022	ICM7218BIJI	Market Decline
ICM7244AIM44ZTS2751	6/25/2021	12/25/2021	6/25/2022	ICM7244BIM44ZT	Market Decline
IMS82C55AZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
IMS82C55AZ96	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
IQ82C55AZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
IQ82C55AZ96	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
IS82C50A-5Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
IS82C55A-5Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
IS82C55A-5Z96	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL12024DBEV1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL12024IBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL12024IBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL12024IRTCZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL12024IRTCZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL12024IVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL12024IVZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL12082DBEV1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL12082IB8Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL12082IB8Z-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL1218IBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL1218IBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL1533AIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL1533AIRZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL1535AIVEZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL1535AIVEZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL1536IRZ	6/25/2021	12/25/2021	6/25/2022	None	Other

ISL1536IRZR5518	6/25/2021	12/15/2021	6/25/2022	None	Other
ISL1536IRZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Other
ISL1539AIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL1539AIRZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL1557FRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL1557FRZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL1557IRZS2774	6/25/2021	6/25/2022	12/25/2022	None	Other
ISL1557IRZ-T7S2774	6/25/2021	6/25/2022	12/25/2022	None	Other
ISL1557IUEZ	6/25/2021	12/25/2021	6/25/2022	None	Other
ISL1557IUEZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Other
ISL1561IRZ	6/25/2021	12/25/2021	6/25/2022	None	Other
ISL1561IRZ-EVALZ	6/25/2021	12/25/2021	6/25/2022	None	Other
ISL1561IRZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Other
ISL1562IRTZ-EVALZ	6/25/2021	12/25/2021	6/25/2022	None	Other
ISL1571IRZS2711	6/25/2021	12/25/2021	6/25/2022	None	Other
ISL1571IRZ-T7S2711	6/25/2021	6/25/2022	12/25/2022	None	Other
ISL1571IUEZS2769	6/25/2021	12/25/2021	6/25/2022	None	Other
ISL1571IUEZ-T7S2711	6/25/2021	6/25/2022	12/25/2022	None	Other
ISL1572IRZ	6/25/2021	12/25/2021	6/25/2022	None	Other
ISL1572IRZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Other
ISL1572IUEZ	6/25/2021	12/25/2021	6/25/2022	None	Other
ISL1572IUEZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Other
ISL1591IRTZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL1591IRTZ-EVALZ	6/25/2021	12/25/2021	6/25/2022	None	Other
ISL1591IRTZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL1591IRTZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL21010DFH312Z-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL21010DFH312Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL21090BFB875Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Manufacturing Discontinuance
ISL22102IR20Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL22102IR20Z-EVAL	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL22102IR20Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL23315WFUZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL23315WFUZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL23325WFVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL23325WFVZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL23325WFVZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

ISL23328TFRUZ-T7A	6/25/2021	12/25/2021	6/25/2022	ISL23328WFRUZ-TK	Market Decline
ISL23328TFRUZ-TK	6/25/2021	12/25/2021	6/25/2022	ISL23328WFRUZ-TK	Market Decline
ISL23328TFVZ	6/25/2021	12/25/2021	6/25/2022	ISL23328WFRUZ-TK	Market Decline
ISL23328TFVZ-T7A	6/25/2021	12/25/2021	6/25/2022	ISL23328WFRUZ-TK	Market Decline
ISL23328TFVZ-TK	6/25/2021	12/25/2021	6/25/2022	ISL23328WFRUZ-TK	Market Decline
ISL23328WFVZ	6/25/2021	12/25/2021	6/25/2022	ISL23328WFRUZ-TK	Market Decline
ISL23328WFVZ-T7A	6/25/2021	12/25/2021	6/25/2022	ISL23328WFRUZ-TK	Market Decline
ISL23328WFVZ-TK	6/25/2021	12/25/2021	6/25/2022	ISL23328WFRUZ-TK	Market Decline
ISL23415WFUZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL23415WFUZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL23425TFRUZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL23425TFRUZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL23425WFVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL23425WFVZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL23425WFVZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL23428TFRUZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL23428TFRUZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL23428TFVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL23428TFVZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL23428TFVZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL23428WFRUZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL23428WFRUZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL23428WFVZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL23428WFVZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL24016IRTZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL24016IRTZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL24017IRTZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL24017IRTZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL24020IHTZ-T7	6/25/2021	12/25/2021	6/25/2022	EL5111TIWTZ-T7	Market Decline
ISL24201IRTZ	6/25/2021	12/25/2021	6/25/2022	ISL45041IRZ-T	Market Decline
ISL24201IRTZ-T13	6/25/2021	12/25/2021	6/25/2022	ISL45041IRZ-T	Market Decline
ISL24202IRTZ	6/25/2021	12/25/2021	6/25/2022	ISL45042IRZ-T	Market Decline
ISL24202IRTZ-T13	6/25/2021	12/25/2021	6/25/2022	ISL45042IRZ-T	Market Decline
ISL24211IRTZ	6/25/2021	12/25/2021	6/25/2022	ISL45041IRZ-T	Market Decline
ISL24211IRTZ-T13	6/25/2021	12/25/2021	6/25/2022	ISL45041IRZ-T	Market Decline
ISL24212IRTZ	6/25/2021	12/25/2021	6/25/2022	ISL45042IRZ-T	Market Decline
ISL24212IRTZ-T13	6/25/2021	12/25/2021	6/25/2022	ISL45042IRZ-T	Market Decline
ISL24826IRZ	6/25/2021	12/25/2021	6/25/2022	ISL24833IRZ-T13	Market Decline

ISL24826IRZ-T13	6/25/2021	12/25/2021	6/25/2022	ISL24833IRZ-T13	Market Decline
ISL24827IRZ	6/25/2021	12/25/2021	6/25/2022	ISL24833IRZ-T13	Market Decline
ISL24827IRZ-T13	6/25/2021	12/25/2021	6/25/2022	ISL24833IRZ-T13	Market Decline
ISL24837AIRZ	6/25/2021	12/25/2021	6/25/2022	ISL24833IRZ-T13	Market Decline
ISL24837AIRZ-T13	6/25/2021	12/25/2021	6/25/2022	ISL24833IRZ-T13	Market Decline
ISL26104AVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26104AVZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26104AVZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26134AVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26134AVZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26134AVZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26312FVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26312FVZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26312FVZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26314FVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26314FVZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26314FVZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26315FVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26315FVZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26315FVZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26319FVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26319FVZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26319FVZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26320FBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26320FBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26320FBZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26323FBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26323FBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26323FBZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26324FVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26324FVZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26324FVZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26325FVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26325FVZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26325FVZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26329FVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26329FVZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26329FVZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

ISL26708IHZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26708IHZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26708IRTZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26708IRTZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26708IRTZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL2671286IBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL2671286IBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL2671286IBZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26712IHZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL26712IHZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL267450AIHZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL267450AIHZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL267450AIUZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL267450AIUZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL267450AIUZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL267450IBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL267450IBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL267450IBZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL267450IUZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL267450IUZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL267450IUZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL267452IHZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL267452IHZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL267817IUZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL267817IUZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL267817IUZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL28207FRTZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL28207FRTZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL28207FUZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL28207FUZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL28207FUZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL28207FUZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL28248FBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL28248FBZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL28248FBZ-T7S2490	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ISL28248MSOPEVAL1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL28325FBZ	6/25/2021	12/25/2021	6/25/2022	None	Other
ISL28325FBZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Other

ISL28325FBZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Other
ISL28325FBZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Other
ISL28325FUZ	6/25/2021	12/25/2021	6/25/2022	None	Manufacturing Discontinuance
ISL28325FUZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Manufacturing Discontinuance
ISL28325FUZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Manufacturing Discontinuance
ISL28325FUZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Manufacturing Discontinuance
ISL28533EV2Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL28533FVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL28533FVZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL28534EV2Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL28534FVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL28534FVZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL28534FVZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL28535EV2Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL28535FVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL28535FVZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL28535FVZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL28634FVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL28634FVZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL28634FVZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL29006IR0Z-T7	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29009IR0Z-T7	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29009W	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29011IR0Z-EVALZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL29011IR0Z-T7	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29011IR0Z-T7S2426	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29011IR0Z-T7S2720	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29011IR0Z-T7S2722	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance

ISL29011IR0Z-T7S2724	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29011IR0Z-T7S2726	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29011IR0Z-T7S2728	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29011W	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29020IR0Z-T7	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29020IR0Z-T7S2568	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29020IR0Z-T7S2705	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29020IR0Z-T7S2722	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29021IR0Z-T7	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29023IR0Z-T7	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29023IR0Z-T7S2568	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29023IR0Z-T7S2722	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29023IR0Z-T7S2744	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29023IR0Z-T7S2766	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29026IR0Z-T7	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29026IR0Z-T7S2744	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29027IR0Z-T7	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29028AIR0Z-T7	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29028AIR0ZT7S2568	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance

ISL29028AIR0ZT7S2720	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29028AIR0ZT7S2724	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29028AIR0ZT7S2744	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29028AW	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29029IR0Z-T7	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29030AIR0Z-T7	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29030AIR0ZT7S2744	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29033IR0Z-T7	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29033IR0Z-T7S2722	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29033IR0Z-T7S2744	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29034IR0Z-T7	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29034IR0Z-T7S2765	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29035IR0Z-T7	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29036W	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29037W	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29038IR0Z-EVALZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL29038IR0Z-T7	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29038IR0Z-T7S2426	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29038IR0Z-T7S2764	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29038W	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance

ISL29044W	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29101IROZ-T7	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29102IROZ-T7	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29125IROZ-T7	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL29167W	6/25/2021	7/31/2021	3/31/2022	None	Manufacturing Discontinuance
ISL31478EIBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL31478EIBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL31478EIBZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL31485EIBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL31485EIBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL31485EIBZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL31492EIRTZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL31492EIRTZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL31492EIRTZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL31495EIBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL31495EIBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL31495EIBZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL31498EIBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL31498EIBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL31498EIBZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL3153EIBZ-T	6/25/2021	12/25/2021	6/25/2022	ISL83083EIBZ-T	Market Decline
ISL3155EIUZ	6/25/2021	12/25/2021	6/25/2022	ISL3155EIBZ	Market Decline
ISL3155EIUZ-T	6/25/2021	12/25/2021	6/25/2022	ISL3155EIBZ-T	Market Decline
ISL3160EFBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL3160EFBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL3160EFBZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL3160EIBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL3160EIBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL3160EIBZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL3179EFUZ	6/25/2021	12/25/2021	6/25/2022	ISL3179EIUZ	Market Decline
ISL3179EFUZ-T	6/25/2021	12/25/2021	6/25/2022	ISL3179EIUZ-T	Market Decline
ISL3179EFUZ-T7A	6/25/2021	12/25/2021	6/25/2022	ISL3179EIUZ-T7A	Market Decline
ISL32172EFBZ	6/25/2021	12/25/2021	6/25/2022	ISL32172EIBZ	Market Decline

ISL32172EFBZ-T	6/25/2021	12/25/2021	6/25/2022	ISL32172EIBZ-T	Market Decline
ISL32173EFBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32173EFBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32173EFVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32173EFVZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32174EIBZ	6/25/2021	12/25/2021	6/25/2022	ISL32272EIBZ	Market Decline
ISL32174EIBZ-T	6/25/2021	12/25/2021	6/25/2022	ISL32272EIBZ-T	Market Decline
ISL32177EFRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32177EFRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32272EFBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32272EFBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32275EIBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32275EIBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32277EFRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32277EFRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL3241EIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL3241EIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32430EIBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32430EIBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32430EIBZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32430EIUZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32430EIUZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32430EIUZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32433EIBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32433EIBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32433EIBZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32450EIBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32450EIBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32450EIBZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32450EIUZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32450EIUZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32450EIUZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32453EIBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32453EIBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32453EIBZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32453EIUZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32453EIUZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32453EIUZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

ISL32457EIUZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32457EIUZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32457EIUZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32483EIBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32483EIBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32483EIBZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32490EIBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32490EIBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32490EIBZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32490EIUZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32490EIUZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32490EIUZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32493EIBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32493EIBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32493EIBZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32493EIUZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32493EIUZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32493EIUZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32600EFBZ	6/25/2021	12/25/2021	6/25/2022	ISL3173EIBZ	Market Decline
ISL32600EFBZ-T	6/25/2021	12/25/2021	6/25/2022	ISL3173EIBZ-T	Market Decline
ISL32600EFBZ-T7A	6/25/2021	12/25/2021	6/25/2022	ISL3173EIBZ	Market Decline
ISL32602EFBZ	6/25/2021	12/25/2021	6/25/2022	ISL3173EIBZ	Market Decline
ISL32602EFBZ-T	6/25/2021	12/25/2021	6/25/2022	ISL3173EIBZ-T	Market Decline
ISL32602EFBZ-T7A	6/25/2021	12/25/2021	6/25/2022	ISL3173EIBZ	Market Decline
ISL32602EFUZ	6/25/2021	12/25/2021	6/25/2022	ISL3173EIUZ	Market Decline
ISL32602EFUZ-T	6/25/2021	12/25/2021	6/25/2022	ISL3173EIUZ-T	Market Decline
ISL32602EFUZ-T7A	6/25/2021	12/25/2021	6/25/2022	ISL3173EIUZ	Market Decline
ISL32603EFBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32603EFBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32603EFBZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32610EFHZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32610EFHZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32611EFHZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32611EFHZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32613EFHZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32613EFHZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32743EIBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL32743EIBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

ISL32743EIBZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL3282EIRTZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL3284EFHZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL3284EIHZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL33002IRTZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL33002IRTZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL33003IRT2Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL33003IRT2Z-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL33003IRTZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL33003IRTZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL33334EIAZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL33334EIAZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL33357EIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL33357EIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL33357EIRZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL4491EIBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL4491EIBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL5216EVAL1	6/25/2021	6/25/2022	12/25/2022	None	Manufacturing Discontinuance
ISL5216KI	6/25/2021	6/25/2022	12/25/2022	None	Manufacturing Discontinuance
ISL5216KI-1	6/25/2021	6/25/2022	12/25/2022	None	Manufacturing Discontinuance
ISL5216KI-1Z	6/25/2021	6/25/2022	12/25/2022	None	Manufacturing Discontinuance
ISL5216KIZ	6/25/2021	6/25/2022	12/25/2022	None	Manufacturing Discontinuance
ISL5217EVAL1	6/25/2021	6/25/2022	12/25/2022	None	Manufacturing Discontinuance
ISL5314EVAL2	6/25/2021	6/25/2022	12/25/2022	None	Manufacturing Discontinuance
ISL5314INZ	6/25/2021	6/25/2022	12/25/2022	None	Manufacturing Discontinuance
ISL54050IRUZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL54050IRUZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL54053IHZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL54053IRUZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL54100ACQZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

ISL54101ACQZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL54102ACQZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL54105ACRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL5416EVAL1	6/25/2021	6/25/2022	12/25/2022	None	Manufacturing Discontinuance
ISL5416KI	6/25/2021	6/25/2022	12/25/2022	None	Manufacturing Discontinuance
ISL5416KIZ	6/25/2021	6/25/2022	12/25/2022	None	Manufacturing Discontinuance
ISL55004IBZ	6/25/2021	12/25/2021	6/25/2022	None	Manufacturing Discontinuance
ISL55004IBZ -T13	6/25/2021	12/25/2021	6/25/2022	None	Manufacturing Discontinuance
ISL55004IBZ -T7	6/25/2021	12/25/2021	6/25/2022	None	Manufacturing Discontinuance
ISL55111IVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL55111IVZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL55143IRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL55143IRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL55211IRTZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL55211IRTZ-EVALZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL55211IRTZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL55211IRTZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL5585CIMZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL5585CIMZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL5585DIMZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL5585DIMZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL5585GCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL5585GCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL5585GCRZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL5861/2IAZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL59311IRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL59311IRZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL59420IUZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL59420IUZ-T13	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL59420IUZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL5957IAZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL59603IRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

ISL59603IRZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL59603IRZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL59605IRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL59605IRZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL59605IRZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL59830AIAZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL59830AIAZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL59960IRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL59960IRZ-T7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL59960IRZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6115CBZA-TR5217	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ISL6140CBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6140CBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6140CBZ-TS2705	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ISL6173DRZA	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6173DRZA-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6173DRZA-TS2490	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ISL6173EVAL1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6174IRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6174IRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6174IRZ-TS2490	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ISL61851ACBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61851ACBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61851BCBZ-TS2490	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ISL61851DCBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61851DCBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61851GIBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61851GIBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61851HIBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61851HIBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61851JCBZ-TS2490	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ISL61851KIBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61851KIBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61851LIBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61851LIBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852BCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852BCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852DCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

ISL61852DCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852ECRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852ECRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852EIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852EIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852EVAL1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852FCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852FCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852GCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852GCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852GIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852GIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852HCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852HCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852HIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852HIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852JCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852JCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852JIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852JIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852KCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852KCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852KIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852KIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852LCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852LCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852LIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61852LIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853ACRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853ACRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853AIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853AIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853BCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853BCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853BIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853BIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853CCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853CCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

ISL61853CIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853CIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853DCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853DCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853ECRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853ECRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853EIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853EIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853EVAL1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853FCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853FCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853FIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853FIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853GCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853GCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853GIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853GIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853HCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853HCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853HIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853HIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853ICRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853ICRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853IIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853IIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853JCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853JCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853JIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853JIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853KCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853KCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853KIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853KIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853LCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853LCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853LIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853LIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853MCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

ISL61853MCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853MIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853MIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853NCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853NCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853NIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853NIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853OCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853OCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853OIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853OIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853PCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853PCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853PIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61853PIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61861HIBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61861HIBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862ACRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862ACRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862AIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862AIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862BCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862BCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862BIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862BIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862CCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862CCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862CIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862CIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862DCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862DCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862ECRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862ECRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862EIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862EIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862EVAL1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862FCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862FCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

ISL61862FIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862FIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862GCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862GCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862GIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862GIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862HCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862HCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862HIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61862HIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863ACRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863ACRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863BCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863BCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863BIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863BIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863CCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863CCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863CIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863CIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863DCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863DCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863DIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863DIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863ECRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863ECRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863EIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863EIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863EVAL1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863FCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863FCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863FIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863FIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863GCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863GCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863GIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863GIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863HCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

ISL61863HCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863HIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863HIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863ICRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863ICRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863JCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863JCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863JIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863JIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863KCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863KCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863KIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863KIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863LCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863LCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863LIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL61863LIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6208CHRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6208CIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL62381HIEVAL1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL62381HRTZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL62381HRTZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL62381LOEVAL1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL62382HIEVAL1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL62382HRTZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL62382HRTZ-T	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ISL62382LOEVAL1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL62383CHRTZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL62383CHRTZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL62391HIEVAL1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL62391HRTZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL62391HRTZ-T	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ISL62391IRTZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL62391IRTZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL62391LOEVAL1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6277HRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6277HRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6277IRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

ISL6277IRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL62872HRUZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL62881BHRTZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL62881BHRTZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL62881DHRTZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL62881DHRTZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL62884CEVAL2Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6308ACRZ-TR5453	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ISL6308AIRZ-TS2705	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ISL6308CRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6308CRZ-TS2568	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ISL6310CRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6310CRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6310EVAL1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6310IRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6312AIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6313BCRZ-TS2705	6/25/2021	3/25/2022	9/25/2022	None	Market Decline
ISL6333CCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6334DCRZ-TR5453	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ISL6341BCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6341BCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6341BCRZ-TR5326	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ISL6367CRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6367CRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6367CRZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6367CRZ-TS2490	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6373CRTZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6373CRTZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6374CRTZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6374CRTZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6374IRTZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6374IRTZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6379CRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6379CRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6520EVAL1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6532AEVAL1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6532AIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6532AIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

ISL6536IBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6536IBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6536IBZ-TR5194	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6537-6506EVAL1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6549HI-EVAL1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6549IAZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6549IAZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6549LOW-EVAL1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6568CRZR5184	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6594DCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6594DCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6605IRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6605IRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6609ACRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6609ACRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6609AIRZ-TR5453	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6611AIRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6611AIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6613BCRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6613BCRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6614ACBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6614ACBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6616WR5375	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6616WR5626	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6620CRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6620CRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6620IRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6620IRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6622IRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6622IRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6622IRZ-TS2705	6/25/2021	3/25/2022	9/25/2022	None	Market Decline
ISL6720AARZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL6740AIVZA-TR5508	6/25/2021	12/25/2021	6/25/2022	ISL6740AIVZA-T	Market Decline
ISL6752AAZAR5325	6/25/2021	12/25/2021	6/25/2022	ISL6752AAZA	Market Decline
ISL6752AAZA-TR5325	6/25/2021	12/25/2021	6/25/2022	ISL6752AAZA-T	Market Decline
ISL68134IRAZ-TR5961	6/25/2021	6/25/2022	12/25/2022	ISL68134IRBZ-TR5961	Manufacturing Discontinuance
ISL68201-99125DEM01Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

ISL68201-99135DEM01Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL68201-99140DEM01Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL69225IRAZ-TR5954	6/25/2021	6/25/2022	12/25/2022	ISL69225IRBZ-TR5954	Manufacturing Discontinuance
ISL69225IRDZ-TR5868	6/25/2021	6/25/2022	12/25/2022	ISL69225IREZ-TR5868	Manufacturing Discontinuance
ISL69243IRAZ-TR5954	6/25/2021	6/25/2022	12/25/2022	ISL69243IRBZ-TR5954	Manufacturing Discontinuance
ISL69247IRAZ-TR5954	6/25/2021	6/25/2022	12/25/2022	ISL69247IRCZ-TR5954	Manufacturing Discontinuance
ISL81334IBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL81334IBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL83073EIBZA	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL83073EIBZA-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL83075EIUZA	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL83075EIUZA-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL83080EIUZ	6/25/2021	12/25/2021	6/25/2022	ISL83083EIUZ	Market Decline
ISL83080EIUZ-T	6/25/2021	12/25/2021	6/25/2022	ISL83083EIUZ-T	Market Decline
ISL83083EIBZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL83083EIBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL83220ECVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL83220ECVZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL83220EIVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL83220EIVZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL84517IHZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL84525IUZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL84525IUZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL84582IVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL84582IVZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL84684IRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL84684IRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL84684IUZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL84684IUZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL8485EIPZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL8485EIPZR5194	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ISL8491IBZ	6/25/2021	12/25/2021	6/25/2022	ISL8491EIBZ	Market Decline
ISL8702IBZ-TS2705	6/25/2021	3/25/2022	9/25/2022	None	Market Decline
ISL8703AIBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

ISL88001IE18ZTKR5333	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ISL88001IE18Z-TR5333	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ISL88001IE23Z-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88001IE23Z-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88001IE23Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88001IE44Z-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88001IE44Z-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88001IE44Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88001IH16Z-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88001IH16Z-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88001IH16Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88001IH44Z-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88001IH44Z-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88001IH44Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88002IE22Z-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88002IE22Z-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88002IE22Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88002IE44Z-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88002IE44Z-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88002IE44Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88002IH16Z-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88002IH16Z-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88002IH16Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IE16Z-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IE16Z-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IE16Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IE22Z-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IE22Z-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IE22Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IE29Z-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IE29Z-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IE29Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IE44Z-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IE44Z-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IE44Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IH17Z-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IH17Z-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IH17Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

ISL88003IH22Z-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IH22Z-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IH22Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IH23Z-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IH23Z-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IH23Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IH26Z-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IH26Z-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IH26Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IH29Z-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IH29Z-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IH29Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IH31Z-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IH31Z-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IH31Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IH44Z-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IH44Z-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IH44Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IH46Z-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IH46Z-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88003IH46Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88013IH544Z-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88013IH544Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88017IHTZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88017IHTZ-T7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88017IHTZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88021IU8FCZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88021IU8FCZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88022IU8FAZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88022IU8FAZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88022IU8FCZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88022IU8FCZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88022IU8HEZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88022IU8HEZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88031IU8HAZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88031IU8HAZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88031IU8HCZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88031IU8HCZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

ISL88031IU8HEZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88031IU8HEZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88031IUHFZS2711	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88031IUHFZTKS2711	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88042EVAL1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88042IRTEEZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88042IRTEEZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88042IRTHFZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88042IRTHFZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88042IRTJJZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88042IRTJJZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL8840AMXCZ	6/25/2021	12/25/2021	6/25/2022	ISL8840AMUZ-T	Market Decline
ISL88705EVAL1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88705IB846Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88705IB846Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88705W	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88706IB844Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88706IB844Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88707IB846Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88707IB846Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88708IB831Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88708IB831Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88716IB826Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL88716IB826Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL90461WIH627Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Manufacturing Discontinuance
ISL90841UIV1427Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL90841UIV1427Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL90842WIV1427Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL90842WIV1427Z-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL95816IRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL95816IRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL95822IRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL95822IRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL95838HRTZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL95838IRTZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL95852AHIZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL95852AIIZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

ISL95852EVAL1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL95853AHRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL95853AHRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL95853AIRZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL95859HRTZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL95859IRTZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL95859IRTZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL95872HRUZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL95873HRUZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL95908EVAL1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL97632IRTZ-EVALZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL97635IRZ	6/25/2021	12/25/2021	6/25/2022	ISL97678IRZ-T	Market Decline
ISL97635IRZS2038	6/25/2021	6/25/2022	12/25/2022	ISL97678IRZ-T	Market Decline
ISL97635IRZ-T	6/25/2021	12/25/2021	6/25/2022	ISL97678IRZ-T	Market Decline
ISL97635IRZ-TK	6/25/2021	12/25/2021	6/25/2022	ISL97678IRZ-T	Market Decline
ISL97635IRZ-TKS2038	6/25/2021	6/25/2022	12/25/2022	ISL97678IRZ-T	Market Decline
ISL97636AIRZ	6/25/2021	12/25/2021	6/25/2022	ISL97678IRZ-T	Market Decline
ISL97636AIRZ-T	6/25/2021	12/25/2021	6/25/2022	ISL97678IRZ-T	Market Decline
ISL97636AIRZ-TK	6/25/2021	12/25/2021	6/25/2022	ISL97678IRZ-T	Market Decline
ISL97636IRZ	6/25/2021	12/25/2021	6/25/2022	ISL97678IRZ-T	Market Decline
ISL97636IRZ-T	6/25/2021	12/25/2021	6/25/2022	ISL97678IRZ-T	Market Decline
ISL97636IRZ-TK	6/25/2021	12/25/2021	6/25/2022	ISL97678IRZ-T	Market Decline
ISL97656IRTZ-TS2720	6/25/2021	6/25/2022	12/25/2022	ISL97656IRTZ-T	Market Decline
ISL97656IRTZ-TS2722	6/25/2021	6/25/2022	12/25/2022	ISL97656IRTZ-T	Market Decline
ISL97672AIRZ	6/25/2021	12/25/2021	6/25/2022	ISL97672BIRZ-T	Market Decline
ISL97672AIRZ-T	6/25/2021	12/25/2021	6/25/2022	ISL97672BIRZ-T	Market Decline
ISL97672AIRZ-TK	6/25/2021	12/25/2021	6/25/2022	ISL97672BIRZ-T	Market Decline
ISL97672AIRZ-TKR5453	6/25/2021	6/25/2022	12/25/2022	ISL97672BIRZ-T	Market Decline
ISL97672AIRZ-TR5453	6/25/2021	6/25/2022	12/25/2022	ISL97672BIRZ-T	Market Decline
ISL97686IRTZ	6/25/2021	12/25/2021	6/25/2022	ISL97687IRTZ-T	Market Decline
ISL97686IRTZ-T	6/25/2021	12/25/2021	6/25/2022	ISL97687IRTZ-T	Market Decline
ISL97691IRTZ	6/25/2021	12/25/2021	6/25/2022	ISL97692IRTZ-T	Market Decline
ISL97691IRTZ-T	6/25/2021	12/25/2021	6/25/2022	ISL97692IRTZ-T	Market Decline
ISL97691IRTZ-TK	6/25/2021	12/25/2021	6/25/2022	ISL97692IRTZ-T	Market Decline
ISL97692IIZ-T	6/25/2021	12/25/2021	6/25/2022	ISL97692IRTZ-T	Market Decline
ISL97698IIZ-TS2568	6/25/2021	6/25/2022	12/25/2022	ISL97698IIZ-T	Market Decline
ISL98001IQZ-140	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL98607EIAZ-T	6/25/2021	12/25/2021	6/25/2022	ISL98608II55Z-T	Market Decline

ISL98607EIAZ-TR5574	6/25/2021	12/25/2021	6/25/2022	ISL98608II55Z-T	Market Decline
ISL98607EIAZ-TR5576	6/25/2021	12/25/2021	6/25/2022	ISL98608II55Z-T	Market Decline
ISL98607EIAZ-TR5593	6/25/2021	6/25/2022	12/25/2022	ISL98608II55Z-T	Market Decline
ISL98607EIAZ-TR5616	6/25/2021	12/25/2021	6/25/2022	ISL98608II55Z-T	Market Decline
ISL98607EIAZ-TR5618	6/25/2021	12/25/2021	6/25/2022	ISL98608II55Z-T	Market Decline
ISL98607EIAZ-TR5622	6/25/2021	12/25/2021	6/25/2022	ISL98608II55Z-T	Market Decline
ISL98607EIAZ-TR5640	6/25/2021	6/25/2022	12/25/2022	ISL98608II55Z-T	Market Decline
ISL98607EIAZ-TR5643	6/25/2021	12/25/2021	6/25/2022	ISL98608II55Z-T	Market Decline
ISL98607EIAZ-TS2722	6/25/2021	6/25/2022	12/25/2022	ISL98608II55Z-T	Market Decline
ISL98607EIAZ-TS2724	6/25/2021	12/25/2021	6/25/2022	ISL98608II55Z-T	Market Decline
ISL98611II56Z-T	6/25/2021	12/25/2021	6/25/2022	ISL98611IIZ-T	Market Decline
ISL98611II-EVZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL99201IRTAZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL99201IRTAZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL99201IRTBZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL99201IRTBZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL99201IRTCZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL99201IRTCZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL99201IRTDZ-T	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL99201IRTDZ-TK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISL99227BFRZ-TR5782	6/25/2021	6/25/2022	12/25/2022	ISL99227BFRZ-TR5784	Manufacturing Discontinuance
ISL99227BFRZ-TR5783	6/25/2021	6/25/2022	12/25/2022	ISL99227BFRZ-TR5784	Manufacturing Discontinuance
ISL99227FRZ-TR5782	6/25/2021	6/25/2022	12/25/2022	ISL99227FRZ-TR5784	Manufacturing Discontinuance
ISL99227FRZ-TR5783	6/25/2021	6/25/2022	12/25/2022	ISL99227FRZ-TR5784	Manufacturing Discontinuance
ISL99227HRZ-TR5782	6/25/2021	6/25/2022	12/25/2022	ISL99227FRZ-TR5784	Manufacturing Discontinuance
ISL99227HRZ-TR5783	6/25/2021	6/25/2022	12/25/2022	ISL99227FRZ-TR5784	Manufacturing Discontinuance
ISL99227HRZ-TR5784	6/25/2021	6/25/2022	12/25/2022	ISL99227FRZ-TR5784	Market Decline
ISLA212P20IRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISLA214P12IRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISLA214P25IRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISLA214S50IR1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISLA216S13IR1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

ISLA216S25IR1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISLA222P20IRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISLA222S12IR1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISLA222S25IR1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISLA224P13IRZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ISLA224S12IR1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
TW2816-TA1-GR	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
TW2824M-RB	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
TW2824Q-RB	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
TW2834-PA3-GE	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
TW2865-LA3-GR	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
TW5864A-BB1-CR	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
TW5864B-BB1-CR	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
TW5864C-BB1-CR	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
USBINTERFACE-DBEVAL1	6/25/2021	6/25/2022	12/25/2022	None	Manufacturing Discontinuance
X28HC256PZ-15	6/25/2021	12/25/2021	6/25/2022	X28HC256PZ-12	Market Decline
X28HC256SIZ-12	6/25/2021	12/25/2021	6/25/2022	X28HC256SIZ-90	Market Decline
X28HC64PIZ-90	6/25/2021	12/25/2021	6/25/2022	X28HC64PIZ-12	Market Decline
X28HC64SIZ-70	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X28HC64SZ-70	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4043M8IZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4043M8IZ-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4043M8IZ-2.7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4043M8IZ-2.7T1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4043M8IZ-4.5A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4043M8Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4043M8Z-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4043M8Z-4.5A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4043M8ZT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4043S8IZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4043S8IZ-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4043S8IZ-2.7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4043S8IZ-2.7AT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4043S8IZ-4.5A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4043S8IZT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4043S8Z-2.7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4043S8Z-2.7AT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

X4043S8Z-2.7T1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4043S8Z-4.5A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4043S8ZT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4045S8IZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4045S8IZ-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4045S8IZ-2.7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4045S8IZ-4.5A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4045S8Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4045S8Z-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4045S8Z-2.7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4045S8Z-2.7T1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4045S8Z-4.5A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X4045S8ZT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5043M8IZ-2.7T1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5043M8IZ-4.5A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5043M8Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5043M8Z-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5043M8Z-2.7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5043M8Z-4.5A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5043PIZ-4.5A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5043PZ-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5043PZ-2.7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5043PZ-4.5A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5043S8IZT2	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5043S8Z-2.7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5043S8Z-2.7AT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5045PIZ-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5045PZ-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5045PZ-2.7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5045S8Z-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5045S8Z-2.7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5045S8Z-2.7T1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5083S8IZ-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5083S8IZ-2.7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5083S8IZ-2.7T1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5083S8IZ-2.7T2	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5083S8IZ-4.5A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5083S8Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

X5083S8Z-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5083S8Z-2.7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5083S8Z-2.7T1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5083S8Z-4.5A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5163S8IZ-2.7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5163S8IZ-4.5A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5163S8Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5323S8IZ-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5323S8IZ-4.5AT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5323S8Z-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5323S8Z-2.7T1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5325S8IZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5325S8IZ-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5325S8IZ-2.7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5325S8IZ-4.5A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5325S8Z-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5325S8Z-2.7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5325S8Z-2.7T1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5325S8ZT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5328S8IZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5328S8IZ-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5328S8IZ-2.7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5328S8IZ-2.7T1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5328S8IZ-4.5A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5328S8IZT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5328S8Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5328S8Z-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5328S8Z-2.7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5328S8Z-2.7T1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5328S8Z-4.5A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5328S8ZT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5329S8IZ-2.7T1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5329S8IZT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5329S8Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5329S8Z-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5329S8Z-2.7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5329S8Z-2.7T1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X5329S8Z-4.5A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

X5329S8ZT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9015UM8IZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9015UM8IZ-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9015UM8IZ-2.7T1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9015UM8IZT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9015UM8Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9015UM8Z-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9015UM8Z-2.7T1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9015UM8ZT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9015US8IZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9015US8IZ-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9015US8IZ-2.7T1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9015US8IZT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9015US8Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9015US8Z-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9015US8Z-2.7T1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9015US8ZT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9110TV14IZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9110TV14IZ-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9110TV14IZ-2.7T1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9110TV14Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9110TV14Z-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9110TV14ZT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9111TV14IZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9111TV14IZ-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9111TV14IZ-2.7T1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9111TV14Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9111TV14Z-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9118TV14IZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9118TV14IZ-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9118TV14Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9118TV14Z-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9119EVAL1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9119TV14IZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9119TV14IZ-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9119TV14IZ-2.7T1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9119TV14Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9119TV14Z-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

X9258TS24IZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9258TS24IZT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9258TS24Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9315WSZ-2.7	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9315WSZ-2.7T1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9511WSZ	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9511WSZT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X9511WSZT7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
X98014L128-3.3-Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL1505ALNFT	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL1505ALNFT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL1505ALNFT1S2568	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL1505ALNFT6	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL1505ALNFT6S2568	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL2004ALNF	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2004ALNF-01	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2004ALNFT	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2004ALNFT-01	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2004ALNFT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2004ALNFT1-01	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2004EVK1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2005ALAFT1-04	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2005ALNF	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2005ALNFT	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2005ALNFT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2005ALNFT1S2568	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL2005ALPF-03	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2005ALPFT-03	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2005ALPFTK-03	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2005PALRFT	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2005PALRFT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2005PALRFT1R5540	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL2006ALNF	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2006ALNFB	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2006ALNFT	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2006ALNFT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2008ALBFT	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2008ALBFT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

ZL2008ALBFT1S2568	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL2008EALAFT	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2008EALAFT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2008EALAFT1R5540	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL2008EALAFT1R5558	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL2008EVAL1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2014ALAFT-01	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2014ALAFT1-01	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2014ALAFT6-01	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2101ALAF	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2101ALAFT	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2101ALAFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2101ALAFTKR5606	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL2102ALAFT7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2102ALAFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2102DEM01Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2105ALNF	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2105ALNFT	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2105ALNFT1	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2105EVK2	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2106ALCF	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2106ALCFT	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2106ALCFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL2106EVAL1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL6100ALAF	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL6100ALAFT	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL6100ALAFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL6100ALAFTS2705	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL6100ALBF	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL6100ALBFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL6100EVAL1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL6100EVAL2Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL6102ALAF	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL6102ALAFT	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL6102ALAFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL6102ALAFTKR5529	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL6102ALBF	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL6102ALBFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

ZL6102ALCF	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL6102ALCFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL6105-1CH-DEM01Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL6105ALAF	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL6105ALAFT	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL6105ALAFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL6105ALAFTK-02	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL6105ALAFTKR5549	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL6105ALAFTKR5553	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL6105ALAFTKR5554	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL6105ALAFTKR5619	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL6105ALAFTKR5638	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL6105ALAFTKR5639	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL6105ALAFTKR5646	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL6105ALAFTKR5649	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL6105ALAFTKR5653	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL6105ALAFTKS2705	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL6105ALAFTKS2768	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL6105ALAFTR5546	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL6105ALBFTKR5553	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL6105ALBFTKR5554	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL8100ALAFTKR5457	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL8101-30AEV2Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL8101ALAF	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL8101ALAFT	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL8101ALAFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZL8101ALAFTKR5475	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL8101ALAFTKR5519	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL8101ALBFTKR5475	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL8101ALBFTKR5519	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL8800ALAFTKR5637	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL8800ALAFTKS2568	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL8802ALAFTR5966	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZL8802ALAFTS2709	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZLS3000ALAFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4001ALAFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4001ALBFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4002ALAFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline

ZLS4002ALBFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4003ALAFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4003ALBFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4004ALAFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4004ALBFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4005ALAFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4005ALBFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4006ALAFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4006ALBFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4007ALAFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4007ALBFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4009ALAFT	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4009ALAFT7A	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4009ALAFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4010ALAFTS2705	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZLS4010ALBFTS2705	6/25/2021	6/25/2022	12/25/2022	None	Market Decline
ZLS4011ALAFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4011ALBFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4011ALCFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4011ALDFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4012ALAFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4013ALAFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4015ALAFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4016ALAFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4017ALAFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4018ALAFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLS4019ALAFTK	6/25/2021	12/25/2021	6/25/2022	None	Market Decline
ZLUSBEVAL1Z	6/25/2021	12/25/2021	6/25/2022	None	Market Decline