



Stanley Electric Co., Ltd.
Stanley Electric Sales of America, Inc.
36 Executive Park, Suite 230, Irvine, CA 92614
Tel: 949-222-0777
Fax: 949-222-0555

Dear Our Valued Customers,

Date: August 9, 2018
PCN# SSA080918EOL

Product Discontinuation Notice

Stanley Electric will discontinue legacy products that have little or no demand in recent years to maintain production efficiency at our manufacturing facilities. With this activity we expect to replace outdated items with the newest technologies and improved production techniques for continued growth in our Optoelectronics Business Unit.

Should you have any questions, please contact us at 949-222-0777.

Stanley Electric Sales of America Sales Team



Stanley Electric Co., Ltd.
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Tel: 949-222-0777
Fax: 949-222-0555
Date: 8/9/2018
PCN: SSA080918EOL

P/N	Replacement	Last Time Buy	Last Time Ship
AA1112H-940-TR	VFHA1112H-3BZ2C-TR	6/28/2019	12/20/2019
AAA101-B	No replacement	9/28/2018	12/21/2018
AAR101-B	No replacement	9/28/2018	12/21/2018
AN1102W-12-TR	HAN1102W-1-TR	6/28/2019	12/20/2019
AN1102W-1-TR	HAN1102W-1-TR	6/28/2019	12/20/2019
AN1102W-4-TR	HAN1102W-1-TR	6/28/2019	12/20/2019
AN1102W-6-TR	HAN1102W-1-TR	6/28/2019	12/20/2019
AN1102W-TR	HAN1102W-1-TR	6/28/2019	12/20/2019
AN1105W-12-RR	TAN1105W-RR	6/28/2019	12/20/2019
AN1105W-12-TR	TAN1105W-TR	6/28/2019	12/20/2019
AN1105W-1-TR	TAN1105W-TR	6/28/2019	12/20/2019
AN1105W-21-RR	TAN1105W-RR	6/28/2019	12/20/2019
AN1105W-21-TR	TAN1105W-TR	6/28/2019	12/20/2019
AN1105W-3-TR	TAN1105W-TR	6/28/2019	12/20/2019
AN1105W-RR	TAN1105W-RR	6/28/2019	12/20/2019
AN1105W-TR	TAN1105W-TR	6/28/2019	12/20/2019
AN1111C-TR	VTAN1111C-TR	6/28/2019	12/20/2019
AN1111R-22-TR	HAN1111R-1-TR	6/28/2019	12/20/2019
AN5306X-C69	JFN3308S	6/28/2019	12/20/2019
AN5307B-3B0	AN5307B	6/28/2019	12/20/2019
ARD3312X	FHD3C64X-H	6/28/2019	12/20/2019
ARGB1314AS-11-TR	CRGB1314ASE-TR	6/28/2019	12/20/2019
ARGB1314ASE-TR	CRGB1314ASE-TR	6/28/2019	12/20/2019
ARGB1318FSE-11-TM	ARGB1318FSE-10-TM	9/28/2018	12/21/2018
ARGB1318FSE-11-TM	CRGB1318FSE-TM	6/28/2019	12/20/2019
ARGB1318FSE-TM	CRGB1318FSE-TM	6/28/2019	12/20/2019
ARGB1318FS-TM	CRGB1318FS-TM	6/28/2019	12/20/2019
AY1101F-723-TR	FKY1113F-TR	6/28/2019	12/20/2019
AY1111C-M-TR	VFHY1111C-3BX2D-TR	6/28/2019	12/20/2019
AY3365S-M-J11K	FHY3C64X-H	6/28/2019	12/20/2019
BR1111C-62-TR	BR1111C-TR VFHR1111C	6/28/2019	12/20/2019
BR1111C-630-TR	BR1111C-430-TR	9/28/2018	12/21/2018
BR1111C-730-TR	BR1111C-430-TR	9/28/2018	12/21/2018
BR3372X	FKR3C64X-H	6/28/2019	12/20/2019
BR5334S	FKR3C64X-H	6/28/2019	12/20/2019
BRGB1314AS-10-TR	CRGB1314ASE-TR	9/28/2018	12/21/2018
BRGB1314AS-TR	CRGB1314ASE-TR	6/28/2019	12/20/2019
BRGB1315C-TF	ARGB1313HS-TR	8/9/2018	12/21/2018
BRPG1211C-34-TR	BRPG1211C-29-TR	9/28/2018	12/21/2018
BRR5314S-1	FHR3C64X-H	6/28/2019	12/20/2019
BSPW1141JTE-11-TR	No replacement	6/28/2019	12/20/2019
BSPW1141JTE-12-TR	No replacement	6/28/2019	12/20/2019
BSPW1141JTE-21-TR	No replacement	9/28/2018	12/21/2018
BSPW1141JTE-23-TR	No replacement	6/28/2019	12/20/2019
BSPW1151JTE-28-TR	No replacement	6/28/2019	12/20/2019
BU4608	No replacement	9/28/2018	12/21/2018
BUA0218A	No replacement	9/28/2018	12/21/2018
BUA0387A	No replacement	6/28/2019	12/20/2019
BUA0388A	No replacement	6/28/2019	12/20/2019
BUA0389A	No replacement	6/28/2019	12/20/2019
BUA1005A-2C	No replacement	9/28/2018	12/21/2018
BUA1005A-3CS	No replacement	9/28/2018	12/21/2018
BUA1005A-3CS-R	No replacement	9/28/2018	12/21/2018
BUA1005A-4C	No replacement	9/28/2018	12/21/2018
BUA1010A	No replacement	9/28/2018	12/21/2018
CRGB1314AS-10-Y-TR	CRGB1314AS-13-TR	6/28/2019	12/20/2019
CRGB1314AS-12-TR	CRGB1314ASE-TR	9/28/2018	12/21/2018
CRGB1314AS-TR	CRGB1314ASE-TR	6/28/2019	12/20/2019

DNK1103M-2	MGN1106MS-TR	6/28/2019	12/20/2019
DNP342-1-UL	No replacement	9/28/2018	12/21/2018
DRD1204W-926-TR	DRD1204W-TR	6/28/2019	12/20/2019
EAY3368S-MR-B213	FHY3C64X-H	6/28/2019	12/20/2019
EBR3863X-745	FHR3C64X-H	6/28/2019	12/20/2019
EFY3362X-2D5-B244	FHY3C64X-H	6/28/2019	12/20/2019
EMAA3362X-M-J623K	FHA3C64X-H	6/28/2019	12/20/2019
EMBG3873X-R-2D0	FHD3C64X-H	6/28/2019	12/20/2019
FA1105W-24-RR	FKA1105W-TR	6/28/2019	12/20/2019
FA1105W-740-TR	VFHA1116P-4C82C-TR	6/28/2019	12/20/2019
FA1105W-TR	VFHA1116P-4C82C-TR	6/28/2019	12/20/2019
FA1111C-2105-TR	FA1111C-2005-TR	6/28/2019	12/20/2019
FA1111C-TR	FA1111C-732-TR	6/28/2019	12/20/2019
FA1116W-13-TR	VFHA1112H-3BZ2C-TR	6/28/2019	12/20/2019
FA1116W-14-TR	VFHA1112H-3BZ2C-TR	6/28/2019	12/20/2019
FHA3C64X-H-4B0-S180K	FHA3C64X-H-S180K	6/28/2019	12/20/2019
FHD3C04X-H-J710K	FHD3C64X-H	6/28/2019	12/20/2019
FHD3C64X	FHD3C64X-H	6/28/2019	12/20/2019
FHR1105P-11-TR	VFHR1112H-3BY2A-TR	6/28/2019	12/20/2019
FHR3C64X-H-4C0-S200K	FHR3C64X-H	6/28/2019	12/20/2019
FHY1104P-TR	VFHY1104P-4C42D-TR	6/28/2019	12/20/2019
FKA1111C-TR	VJDA1111C-4C72C-TR	6/28/2019	12/20/2019
FKA1116W-TR	FKA1116W-10-A-TR o r -13-TR	9/28/2018	12/21/2018
FKR1112H-11-TR	FKR1112H-TR	6/28/2019	12/20/2019
FKR5366X	FKR3C64X-H	6/28/2019	12/20/2019
FKY1105W-11-TR	VJDY1116P-4D33C-TR	6/28/2019	12/20/2019
FKY1105W-3D52D-Y-TR	VJDY1116P-4D33C-TR	6/28/2019	12/20/2019
FLD3864X	FHD3C64X-H	9/28/2018	12/21/2018
FLR3864X	FHR3C64X-H	9/28/2018	12/21/2018
FLR3864X-S180K	FHR3C64X-S180K	6/28/2019	12/20/2019
FLY3864XN	FHY3C64X-H	6/28/2019	12/20/2019
FLY3864X-S180K	FHY3C64X-H	6/28/2019	12/20/2019
FR1102H-M-TR	VFHR1112H-3BY2A-TR	6/28/2019	12/20/2019
FR1105W-18-TR	VFHR1116P-4C82A-TR	6/28/2019	12/20/2019
FR1111C-1005-TR	VFHR1111C-3BY2A-TR	6/28/2019	12/20/2019
FR1111C-2105-TR	FR1111C-2005-TR	6/28/2019	12/20/2019
FR1112H-39-TR	FR1112H-730-TR	6/28/2019	12/20/2019
FR3864X-J603K	FHR3C64X-H-S180K	9/28/2018	12/21/2018
FR3874X-8C0	FHR3C64X-H	6/28/2019	12/20/2019
FRYPY1211C-0005-E-TR	VRPG3312X	6/28/2019	12/20/2019
FV1105W-740Z-TR	VFV1105W-4CY3B-TR	6/28/2019	12/20/2019
FY1101F-TR	FY1113F-TR	9/28/2018	12/21/2018
FY1105W-633Z-RR	VFHY1116P-4C82D-TR	6/28/2019	12/20/2019
FY1105W-652-TR	VFHY1116P-4C82D-TR	6/28/2019	12/20/2019
FY1105W-652Z-TR	VFHY1116P-4C82D-TR	6/28/2019	12/20/2019
FY1111C-2205-TR	VFHY1111C-3BX2D-TR	6/28/2019	12/20/2019
FY1111C-520-TR	VFHY1111C-3BX2D-TR	6/28/2019	12/20/2019
FY1111C-720-TR	VFY1111C-4BY3D-TR	9/28/2018	12/21/2018
FY1111C-722-TR	VFY1111C-4BY3D-TR	9/28/2018	12/21/2018
FY1111C-TR	VFY1111C-4BY3D-TR	9/28/2018	12/21/2018
FY1112H-20-TR	VFHY1112H-3BY2D-TR	6/28/2019	12/20/2019
FY1112H-733-TR	VFY1112H-4BY3D-TR	9/28/2018	12/21/2018
FY1112H-TR	VFHY1112H-3BY2D-TR	6/28/2019	12/20/2019
FY3368S-M-B213	FHY3C64X-H	6/28/2019	12/20/2019
FY3863X-G-8C0-J694K	FHY3C64X-H	6/28/2019	12/20/2019
FY3864X-4C1	FHY3C64X-H	9/28/2018	12/21/2018
FYYPY5614X-LX-J634G	No replacement	6/28/2019	12/20/2019
GBHW1149JTE-90-TR	No replacement	6/28/2019	12/20/2019
GG1172H-33-TR	No replacement	6/28/2019	12/20/2019
GLGW1154GSE-15-TR	No replacement	6/28/2019	12/20/2019
GLW3308XC-S-1111	GCEW3308X	9/28/2018	12/21/2018
GLW3801CD-E-J688K	THW3801C	9/28/2018	12/21/2018
GLW3801C-J705K	THW3801C	9/28/2018	12/21/2018
GLW3809X-1061	THW3801C	9/28/2018	12/21/2018
GLW3809XD-4AZ9-S245K	THW3801C	9/28/2018	12/21/2018
GMAA3371X-M-1055	FHA3C64X-H	6/28/2019	12/20/2019
GSB3801C	THB3801C	9/28/2018	12/21/2018
GSB3801C-S180K	THB3801C	9/28/2018	12/21/2018
GSB3809X	THB3809X	9/28/2018	12/21/2018
GSB3809X-F220K	THB3809X	9/28/2018	12/21/2018

GSB3809X-S180K	THB3809X	9/28/2018	12/21/2018
GSG3801C	THG3801C	9/28/2018	12/21/2018
GSG3801C-F210K	THG3801C	9/28/2018	12/21/2018
GSG3809X	THG3809X	9/28/2018	12/21/2018
GSG3809X-F210K	THG3809X	9/28/2018	12/21/2018
GSG3809X-F220K	THG3809X	9/28/2018	12/21/2018
GSG3809X-S180K	THG3809X	9/28/2018	12/21/2018
GSPW1141JTE-50X-11-TR	No replacement	6/28/2019	12/20/2019
GSPW1141JTE-50X-TR	No replacement	6/28/2019	12/20/2019
GSPW1141JTE-57X-TR	No replacement	6/28/2019	12/20/2019
GSPW1141JTE-65X-11-TR	GSPW1141JTE-65X-10-TR	9/28/2018	12/21/2018
GSPW1151JTE-24Y-TR	No replacement	6/28/2019	12/20/2019
GSPW1151JTE-35Y-TR	No replacement	6/28/2019	12/20/2019
GSPW1151JTE-50Z-51-TR	No replacement	6/28/2019	12/20/2019
GSPW1641NSE-50X-TR	GBHW1106ASE-50X-TR	6/28/2019	12/20/2019
GSPW1651NCSE-14-TR	No replacement	6/28/2019	12/20/2019
GSPW1651NDSE-13-TR	No replacement	6/28/2019	12/20/2019
GSPW1651NPSE-11-TR	No replacement	6/28/2019	12/20/2019
GSPW1651NPSE-12-TR	No replacement	6/28/2019	12/20/2019
GSPW1651NSE-20Y-10-TR	No replacement	6/28/2019	12/20/2019
GSPW1651NSE-20Y-TR	No replacement	6/28/2019	12/20/2019
GSPW1651NSE-22Y-TR	No replacement	6/28/2019	12/20/2019
GSPW1651NSE-24Y-TR	No replacement	9/28/2018	12/21/2018
GSPW1651NSE-27Y-TR	No replacement	6/28/2019	12/20/2019
GSPW1651NSE-30X-TR	No replacement	6/28/2019	12/20/2019
GSPW1651NSE-30Z-TR	No replacement	6/28/2019	12/20/2019
GSPW1651NSE-35Z-TR	No replacement	6/28/2019	12/20/2019
GSPW1651NSE-40Y-TR	No replacement	6/28/2019	12/20/2019
GSPW1651NSE-65Y-N-TR	No replacement	6/28/2019	12/20/2019
GSPW1653JTE-30Y-10-TR	No replacement	6/28/2019	12/20/2019
GSPW1653JTE-4GB30X-TR	No replacement	6/28/2019	12/20/2019
GSW3801C	THW3801C	9/28/2018	12/21/2018
GSW5803B	THW3801C	9/28/2018	12/21/2018
H-1000L	FKR3863X	6/28/2019	12/20/2019
H-3000L	FKR3863X	6/28/2019	12/20/2019
HAY1105W-TR	VFHY1116P-4C82D-TR	6/28/2019	12/20/2019
HPG1105W-730-TR	VFHD1116P-4C32B-TR	6/28/2019	12/20/2019
HPG1105W-C640-TR	VFJD1105W-5C63A-TR	6/28/2019	12/20/2019
HPY1105W-640-TR	VFJY1105W-4C92D-TR	6/28/2019	12/20/2019
HSPW1643JTE-10-TR	No replacement	9/28/2018	12/21/2018
HSPY1653JTE-21-TR	HBHW1149JTE-TR	9/28/2018	12/21/2018
HSRW1247JTE-10-TR	No replacement	9/28/2018	12/21/2018
HSRW1247JTE-11-TR	No replacement	9/28/2018	12/21/2018
HSRW1247JTE-12-TR	No replacement	9/28/2018	12/21/2018
HSRW1247JTE-13-TRHSZW1145J	No replacementHBHW1149JTE-TR	9/28/2018	12/21/2018
JSB1218FS-10-TM	No replacement	6/28/2019	12/20/2019
KGP1101JS-10-TR	No replacement	6/28/2019	12/20/2019
KR5005S-J369A	FHR3C64X-H	6/28/2019	12/20/2019
KU163C-8-TR	KU163C-23-TR	6/28/2019	12/20/2019
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KUA0024C-TR	No replacement	6/28/2019	12/20/2019
KUA0029D	No replacement	9/28/2018	12/21/2018
KUA0033B	No replacement	6/28/2019	12/20/2019
KUA0074B	No replacement	6/28/2019	12/20/2019
KUA0074C	No replacement	6/28/2019	12/20/2019
LEA1355A	NAR141SH-F	6/28/2019	12/20/2019
LFR5365S-B156	No replacement	6/28/2019	12/20/2019
LFR5365S-B171	No replacement	6/28/2019	12/20/2019
LW1141W-11Z-TR	VCEW1151CDS-****-TR	9/28/2018	12/21/2018
LW1141W-12-TR	VCEW1151CDS-****-TR	9/28/2018	12/21/2018
LW1141W-C11-TR	VCEW1151CDS-****-TR	9/28/2018	12/21/2018
LW1141W-TR	VCEW1151CDS-****-TR	9/28/2018	12/21/2018
MPR3864X-J300K	FHR3C64X-H	6/28/2019	12/20/2019
NAA105-B	No replacement	9/28/2018	12/21/2018
NAA107-B	No replacement	9/28/2018	12/21/2018
NAA263-B-T	No replacement	9/28/2018	12/21/2018
NAG131SP-B	NAG131SPH-F	9/28/2018	12/21/2018
NAG261P-B	No replacement	9/28/2018	12/21/2018
NAR105-B	NAR161PH-F	9/28/2018	12/21/2018
NAR161-B-AL	NAR161H-F	6/28/2019	12/20/2019

NAR261-1	No replacement	9/28/2018	12/21/2018
NAR261-B	No replacement	9/28/2018	12/21/2018
NARG105	No replacement	9/28/2018	12/21/2018
NARG141	No replacement	9/28/2018	12/21/2018
NARG161	No replacement	9/28/2018	12/21/2018
NARG163	No replacement	9/28/2018	12/21/2018
NKA107-B	No replacement	9/28/2018	12/21/2018
NKG105P-B	No replacement	9/28/2018	12/21/2018
NKG131SP-B-MN	No replacement	6/28/2019	12/20/2019
NKR261-B	No replacement	9/28/2018	12/21/2018
NKR261-C	No replacement	9/28/2018	12/21/2018
NKRG161	No replacement	9/28/2018	12/21/2018
NUA1116W-13-TR	VFHA1111C-3BZ2C-TR	9/28/2018	12/21/2018
PG1101F-S-TR	PG1101F-TR	9/28/2018	12/21/2018
PP1102B	TPP1102B	6/28/2019	12/20/2019
PP1191FB-10-TR	No replacement	6/28/2019	12/20/2019
PP1191FB-2-TR	No replacement	6/28/2019	12/20/2019
PP1191FB-TL	No replacement	6/28/2019	12/20/2019
PP508-1	No replacement	6/28/2019	12/20/2019
PP601-7	No replacement	6/28/2019	12/20/2019
PS1101WA-24-TR	VTPS1192HB-TR	6/28/2019	12/20/2019
PS1101WA-33-TR	PS1101WA-23-TR	9/28/2018	12/21/2018
PS1101WA-3-TR	VTPS1192HB-TR	6/28/2019	12/20/2019
PS1101WA-TR	PS1101WA-23-TR	9/28/2018	12/21/2018
PS1191RA-2-TR	VTPS1192HB	9/28/2018	12/21/2018
PS1191RB-22-TR	VTPS1192HB-TR	6/28/2019	12/20/2019
PS1192HB-2-TR	VTPS1192HB-TR	6/28/2019	12/20/2019
PS1192HB-TR	PS1192HB-32-TR	9/28/2018	12/21/2018
PY1103W-177-TR	VFHY1104P-4C42D-TR	9/28/2018	12/21/2018
RAY1101W-10-A-TR	VFHY1112H-3BY2D-TR	6/28/2019	12/20/2019
RAY1102W-74M-TR	VFHY1104P-4C42D-TR	6/28/2019	12/20/2019
RBR1111C-10-TR	VFHR1111C-3BY2A-TR	6/28/2019	12/20/2019
RFA1101F-10-A-TR	RFA1101F-10-TR	6/28/2019	12/20/2019
RFA1112H-11Z-TR	VFHA1112H-3BZ2C-TR	6/28/2019	12/20/2019
RFA1112H-14-TR	VFHA1112H-3BZ2C-TR	6/28/2019	12/20/2019
RFA1112H-21-TR	VFHA1112H-3BZ2C-TR	6/28/2019	12/20/2019
RFHV1101W-10-TR	VFHV1112H-3BZ2B-TR	6/28/2019	12/20/2019
RFLA1111C-10-TR	RFLA1111C-TR	9/28/2018	12/21/2018
RFLA1111C-TR	VFHA1111C-3BZ2C-TR	6/28/2019	12/20/2019
RFLR1111C-TR	VFHR1111C-3BY2A-TR	6/28/2019	12/20/2019
RFR1102W-TR	RFR1102W-630-TR	9/28/2018	12/21/2018
RFV1112H-740Z-TR	VFHV1112H-3BZ2B-TR	6/28/2019	12/20/2019
RFY1101W-12Z-TR	VFHY1111C-3BX2D-TR	6/28/2019	12/20/2019
RFY1101W-13Z-TR	VFHY1111C-3BX2D-TR	6/28/2019	12/20/2019
RFY1112H-11-TR	VFHY1112H	6/28/2019	12/20/2019
RFY1112H-16-TR	VFHY1112H	6/28/2019	12/20/2019
RFY1112H-19-TR	VFHY1112H	6/28/2019	12/20/2019
RFY1112H-23-TR	VFHY1112H	6/28/2019	12/20/2019
RPG1101W-10-A-TR	VFHL1112H-4B13C-TR	6/28/2019	12/20/2019
RPG1102W-TR	VFHL1104P-4B63C-TR	6/28/2019	12/20/2019
RPG1111C-TR	RPG1111C-11-TR	9/28/2018	12/21/2018
RYBG3864X-J652K	FHD3C64X-H	6/28/2019	12/20/2019
SB1111C-0005-10-TR	VCDB1111C-5AY3B-TR	8/9/2018	12/21/2018
SB1111C-0005-TR	VCDB1111C-5AY3B-TR	8/9/2018	12/21/2018
SB1111C-1005-TR	VCDB1111C-5AY3B-TR	8/9/2018	12/21/2018
SG1111C-0005-TR	THG1111C-0005-TR	8/9/2018	12/21/2018
SG1111C-0105-TR	THG1111C-0005-TR	8/9/2018	12/21/2018
SG1111C-14-TR	THG1111C-0005-TR	8/9/2018	12/21/2018
SG1111C-2105-TR	THG1111C-0005-TR	8/9/2018	12/21/2018
SG1111C-2205-TR	THG1111C-0005-TR	8/9/2018	12/21/2018
SG1111C-2405-TR	THG1111C-0005-TR	8/9/2018	12/21/2018
SW1141CX-16-TR	VCEW1151CDS-****-TR	9/28/2018	12/21/2018
SW1141CX-17-Z-TR	VCEW1151CDS-3C1M8-TR	6/28/2019	12/20/2019
SW1141CX-TR	VCEW1151CDS-****-TR	9/28/2018	12/21/2018
SXB1112HE-10-TR	VCDB1112H-5AY3B-TR	6/28/2019	12/20/2019
SXG1112HE-10-TR	VCDG1112H-4BY3C-TR	6/28/2019	12/20/2019
TAN1101F-10-TR	No replacement	6/28/2019	12/20/2019
TAN1101F-2-TR	No replacement	6/28/2019	12/20/2019
TAN1111C-TR	VTAN1111C	9/28/2018	12/21/2018
TDN1101M	MGN1106MS	6/28/2019	12/20/2019

TDN1201M	No replacement	6/28/2019	12/20/2019
TDN1201M-2	MGN1105MS	6/28/2019	12/20/2019
TNR3E02H-3B0	TNR3E02H	6/28/2019	12/20/2019
TPP508	No replacement	6/28/2019	12/20/2019
TPS1191RB-1-TR	VTPS1192HB	9/28/2018	12/21/2018
UG1106W-TR	VCDG111C	9/28/2018	12/21/2018
UG5306X-J707K	THG3801C	9/28/2018	12/21/2018
VCHW1158LDS-109-TR	VCHW1152GDS-*****-TR	9/28/2018	12/21/2018
VCLB1104LS-3C32C-E-TR	VCHB1104LSE	6/28/2019	12/20/2019
VCLB1104LS-3C33B-TR	VCHB1104LSE	6/28/2019	12/20/2019
VCLB1104LS-3C42B-E-TR	VCHB1104LSE	6/28/2019	12/20/2019
VCLB1104LS-TR	VCHB1104LSE-TR	9/28/2018	12/21/2018
VCMG1104LS-4C93B-TR	VCKG1104LS	6/28/2019	12/20/2019
VCMG1104LS-TR	VCKG1104LS	6/28/2019	12/20/2019
VCMW1144LS-90-TR	VCHW1154L	6/28/2019	12/20/2019
VCMW1154LA3S-100-TR	VCHW1154LA3SE	6/28/2019	12/20/2019
VCMW1154LA3S-3C8W2-TR	VCEW1152GA3S-*****-TR	6/28/2019	12/20/2019
VCMW1154LAS-3C6X5-C-TR	VCEW1152GA3S-*****-TR	6/28/2019	12/20/2019
VCMW1154LCS-3CYA3-C-TR	VCHW1154LCSE	6/28/2019	12/20/2019
VCMW1154LDS-3CYH3-Z-TR	VCHW1154LDSE	6/28/2019	12/20/2019
VCMW1154LDS-3CYJ3-E-TR	VCHW1152GDS-*****-TR	6/28/2019	12/20/2019
VCMW1154LDS-3CYJ3-TR	VCHW1152GDS-*****-TR	6/28/2019	12/20/2019
VCMW1154LDS-3CYK3-C-TR	VCHW1154LDSE	6/28/2019	12/20/2019
VCMW1154LDS-3CYL3-C-TR	VCHW1152GDS-*****-TR	6/28/2019	12/20/2019
VCMW1154LDS-4CXJ3-C-TR	VCHW1154LDSE-*****-TR	9/28/2018	12/21/2018
VCMW1154LDS-4CXK3-TR	VCHW1154LDSE	6/28/2019	12/20/2019
VCPW1154LDS	VCEW1154LDS-TR	9/28/2018	12/21/2018
VCPW1158LDS-TR	VCEW1158LDS-TR	9/28/2018	12/21/2018
VFA1101W-4BY2C-A-TR	VFHA1111C-3BZ2C-TR	6/28/2019	12/20/2019
VFA1101W-4BY2C-C-TR	VFHA1111C-3BZ2C-TR	6/28/2019	12/20/2019
VFA1101W-5BY2C-Z-TR	VFHA1116P-4C82C-TR	6/28/2019	12/20/2019
VFA1105W-4C92C-A-RR	VFHA1116P-4C82C-TR	6/28/2019	12/20/2019
VFA1105W-4C92C-RR	FKA1105W-TR	6/28/2019	12/20/2019
VFA1105W-4C92C-Z-TR	VFHA1116P-4C82C-TR	6/28/2019	12/20/2019
VFA1105W-6C22C5-E-TR	VFHA1116P-4C82C-TR	6/28/2019	12/20/2019
VFA1105W-6C22C5-TR	FKA1105W-TR	6/28/2019	12/20/2019
VFA1105W-6C83B-TR	VFHA1116P-4C82C-TR	6/28/2019	12/20/2019
VFA1105W-RR	VFA1105W-4C92C-RR	9/28/2018	12/21/2018
VFA1105W-TR	VFHA1116P-4C82C-TR	6/28/2019	12/20/2019
VFA1112H-4B93B-TR	VFHA1112H-3BZ2C-TR	6/28/2019	12/20/2019
VFGG1104LS-TR	VFGG1104LS-3BZ2D-TR	9/28/2018	12/21/2018
VFGL1101W-4B42D-10-TR	VFHL1112H-4B13C-TR	6/28/2019	12/20/2019
VFGL1101W-4B42D-TR	VFHL1111C-4B23C-TR	6/28/2019	12/20/2019
VFGL1102W-4BX2D-10-TR	VFHL1104P-4B63C-TR	6/28/2019	12/20/2019
VFGL1102W-4BX2D-TR	VFHL1104P-4B63C-TR	6/28/2019	12/20/2019
VFGP1104LS-10-TR	No replacement	9/28/2018	12/21/2018
VFGR1104LS-TR	VFGR1104LS-3C72B or 3C82A	9/28/2018	12/21/2018
VFHA1112H-S5-11-TR	VFHA1112H-3BZ2C-TR	6/28/2019	12/20/2019
VFHA1112H-S5-12-TR	VFHA1112H-3BZ2C-TR	6/28/2019	12/20/2019
VFHR1102W-4C62A-S-TR	VFHR1104P-4C42A-TR	6/28/2019	12/20/2019
VFHV1112H-S5-3B62C-10-TR	VFHV1112H-3BZ2B-TR	6/28/2019	12/20/2019
VFHV1112H-S5-4B43B-A-TR	VFHV1112H-3BZ2B-TR	6/28/2019	12/20/2019
VFHY1102W-4C63C-S-TR	VFHY1104P-4C42D-TR	6/28/2019	12/20/2019
VFJA1104LS-TR	No replacement	9/28/2018	12/21/2018
VFJV1104LS-TR	No replacement	9/28/2018	12/21/2018
VFJV1105W-4CX2C-C-TR	VJDV1104P-4D13A-TR	6/28/2019	12/20/2019
VFJY1105W-4C92D-Z-TR	VFHY1116P	6/28/2019	12/20/2019
VFJY1105W-4CY2E-Y-TR	VFHY1116P	6/28/2019	12/20/2019
VFLV1112H-4B43B-TR	VFHV1112H-3BZ2B-TR	6/28/2019	12/20/2019
VFLV1112H-Q-6AX3B-TR	VFHV1112H-3BZ2B-TR	6/28/2019	12/20/2019
VFR1102W-4C22B-C-TR	VFHR1104P-4C42A-TR	6/28/2019	12/20/2019
VFR1102W-4C22B-E-TR	VFHR1104P-4C42A-TR	6/28/2019	12/20/2019
VFR1102W-4C22B-Z-TR	VFHR1104P-4C42A-TR	6/28/2019	12/20/2019
VFR1102W-4C52A-E-TR	VFHR1104P-4C42A-TR	6/28/2019	12/20/2019
VFR1102W-4C52A-U-TR	VFHR1104P-4C42A-TR	6/28/2019	12/20/2019
VFR1102W-TR	VFHR1104P	9/28/2018	12/21/2018
VFR1105W-3C82A-S-TR	VFHR1116P-4C82A-TR	6/28/2019	12/20/2019
VFR1105W-3C82A-U-TR	VFR1105W-6C9-TR	6/28/2019	12/20/2019
VFR1105W-4C72B-Z1-TR	VFHR1116P-4C82A-TR	6/28/2019	12/20/2019
VFR1105W-4C72B-Z2-TR	VFHR1116P-4C82A-TR	6/28/2019	12/20/2019

VFR1105W-4C82A-G-RR	VFR1105W-RR	6/28/2019	12/20/2019
VFR1105W-4C82A-RR	VFR1105W-RR	6/28/2019	12/20/2019
VFR1105W-4C82A-TR	VFHR1116P-4C82A-TR	6/28/2019	12/20/2019
VFR1105W-4C82A-Z-RR	VFR1105W-RR	6/28/2019	12/20/2019
VFR1105W-5C9-TR	VFHR1116P-4C82A-TR	6/28/2019	12/20/2019
VFR1105W-TR	VFHR1116P-4C82A-TR	6/28/2019	12/20/2019
VFR1112H-4BX2B-TR	VFHR1112H-3BY2A-TR	6/28/2019	12/20/2019
VFR1112H-4BY2A-10-TR	VFHR1112H-3BY2A-TR	6/28/2019	12/20/2019
VFR1112H-6A83A2-TR	VFHR1112H-3BY2A-TR	6/28/2019	12/20/2019
VFV1101W-3BZ2B-C-TR	VFHV1112H-3BZ2B-TR	6/28/2019	12/20/2019
VFV1101W-4BZ2B-C-TR	VFHV1111C-3BY2B-TR	6/28/2019	12/20/2019
VFV1102W-4C62B-C-TR	VFHV1104P-4C62B-TR	6/28/2019	12/20/2019
VFV1102W-TR	VFV1102W-4C63B-TR	9/28/2018	12/21/2018
VFV1111C-3C12C-Z1-TR	VFHV1111C-3BY2B-TR	6/28/2019	12/20/2019
VFV1111C-3C12C-Z2-TR	VFHV1111C-3BY2B-TR	6/28/2019	12/20/2019
VFV1112H-4BZ2B-TR	VFHV1112H-3BZ2B-TR	6/28/2019	12/20/2019
VFV1112H-4BZ3B-TR	VFHV1112H-3BZ2B-TR	6/28/2019	12/20/2019
VFY1101W-4BY2E-E-TR	VFHY1112H-3BY2D-TR	6/28/2019	12/20/2019
VFY1101W-4BY3D-C-TR	VFHV1111C-3BY2B-TR	6/28/2019	12/20/2019
VFY1102W-4C22D-E-TR	VFY1102W-4C53D-TR	6/28/2019	12/20/2019
VFY1102W-4C22D-TR	VFHY1104P-4C42D-TR	6/28/2019	12/20/2019
VFY1105W-3CY3D-A-TR	VFHY1116P-4C82D-TR	6/28/2019	12/20/2019
VFY1105W-4CX2D-A-TR	VFJY1105W-4C92D-TR	6/28/2019	12/20/2019
VFY1105W-4CX2D-Z1-TR	VFHY1116P-4C82D-TR	6/28/2019	12/20/2019
VFY1105W-4CX4C-TR	VFJY1105W-4C92D-TR	6/28/2019	12/20/2019
VFY1112H-4BX4C-TR	VFHV1112H-3BZ2B-TR	6/28/2019	12/20/2019
VFY1112H-TR	VFHV1112H-3BZ2B-TR	6/28/2019	12/20/2019
VLW1141CX-105-TR	VCEW1151CDS-***-TR	9/28/2018	12/21/2018
VLW1141CX-3BXB3-TR	VCEW1151CDS-***-TR	9/28/2018	12/21/2018
VLW1141CX-3BXM6-TR	VCEW1151CDS-***-TR	9/28/2018	12/21/2018
VLW1148LS-4BYK1-TR	VCPW1158LDS-**-TR	9/28/2018	12/21/2018
VLW1148LS-91-TR	VCPW1158LDS-**-TR	9/28/2018	12/21/2018
VLW1151CAX-107-TR	VCEW1151CDS-***-TR	9/28/2018	12/21/2018
VLW1151CAX-3B7R2-TR	VCEW1151CDS-***-TR	9/28/2018	12/21/2018
VLW1151CAX-3B7R2-U-TR	VCEW1151CA3S-****-TR	6/28/2019	12/20/2019
VLW1151CAX-3B8Q2-TR	VCEW1151CDS-***-TR	9/28/2018	12/21/2018
VLW1151CAX-3B8Q2-U-TR	VCEW1151CA3S-****-TR	6/28/2019	12/20/2019
VLW1151CAX-3B8S2-TR	VCEW1151CDS-***-TR	9/28/2018	12/21/2018
VLW1151CAX-3B8S2-U-TR	VCEW1151CA3S-****-TR	6/28/2019	12/20/2019
VLW1151RAX-15-J-TR	VCEW1154R*S-***-RR	9/28/2018	12/21/2018
VLW1151WCX-15-C-TR	VCEW1151CDS-***-TR	9/28/2018	12/21/2018
VLW1158LCS-3C1A3-TR	VCPW1158LCS-**-TR	9/28/2018	12/21/2018
VLW1158LDS-20-TR	VCPW1158LDS-**-TR	9/28/2018	12/21/2018
VLW1158LDS-21-TR	VCPW1158LDS-**-TR	9/28/2018	12/21/2018
VLW1158LDS-47-TR	VCPW1158LDS-**-TR	9/28/2018	12/21/2018
VLW1158LDS-48-TR	VCPW1158LDS-**-TR	9/28/2018	12/21/2018
VLW1158LDS-49-TR	VCPW1158LDS-**-TR	9/28/2018	12/21/2018
VLW1158LDS-52-TR	VCPW1158LDS-**-TR	9/28/2018	12/21/2018
VLW1158LDS-58-TR	VCPW1158LDS-**-TR	9/28/2018	12/21/2018
VLW1158LDS-68-TR	VCPW1158LDS-**-TR	9/28/2018	12/21/2018
VLW1158LDS-69-TR	VCPW1158LDS-**-TR	9/28/2018	12/21/2018
VLW1158LDS-78-TR	VCPW1158LDS-**-TR	9/28/2018	12/21/2018
VLW1158LDS-80Z-TR	VCPW1158LDS-**-TR	9/28/2018	12/21/2018
VMW1141CX-15-TR	VCEW1151CDS-***-TR	9/28/2018	12/21/2018
VR1112H-50-TR	VFHV1112H-3BZ2B-TR	6/28/2019	12/20/2019
VRPG5614S	VRPG3312X	6/28/2019	12/20/2019
VSEW1144LS-E-2D4A3-TR	VSTW1154LDSE-2D4K3-TR	9/28/2018	12/21/2018
VSEW1144LS-E-2D4B3-A-TR	VSTW1154LDSE-115-A-TR	9/28/2018	12/21/2018
VSEW1154LCS-E-103-TR	VSTW1154LCSE-***-TR	9/28/2018	12/21/2018
VSEW1154LCS-E-10-A-TR	VSTW1152GCSE-TR	9/28/2018	12/21/2018
VSEW1154LDS-E-104-TR	VSTW1154LDSE-111-TR	9/28/2018	12/21/2018
VSEW1154LDS-E-105-TR	VSTW1154LDSE-112-TR	9/28/2018	12/21/2018
VSEW1154LDS-E-107-TR	VSTW1154LDSE-***-TR	9/28/2018	12/21/2018
VSEW1154LDS-E-2D4H3-E-TR	VSTW1154LDSE-2D4H3-E-TR	9/28/2018	12/21/2018
VSEW1154LDS-E-2D4J3-E-TR	VSTW1154LDSE-2D4J3-E-TR	9/28/2018	12/21/2018
VSEW1154LDS-E-2D4K3-TR	VSTW1154LDSE-2D4K3-TR	9/28/2018	12/21/2018
VSEW1154LDS-E-2D4R3-C-TR	VSTW1154LDSE-2D4R3-C-TR	9/28/2018	12/21/2018
VSEW1154LDS-E-3D2M3-C-TR	VSTW1154LDSE-3D2M3-C-TR	9/28/2018	12/21/2018
VSEW1154LDS-E-3D3G3-A-TR	VSTW1154LDSE-3D3G3-A-TR	9/28/2018	12/21/2018
VSEW1154LDS-E-3D4L3-TR	VSTW1154LDSE-3D4L3-TR	9/28/2018	12/21/2018

VSTW1146UDSE-50-TR	No replacement	6/28/2019	12/20/2019
VSTW1146USE-55-TR	No replacement	6/28/2019	12/20/2019
VUB1101W-4B43B-E-TR	VCDB1111C-6AX3B-TR	9/28/2018	12/21/2018
VUB1101W-4B43B-TR	VCDB1111C-6AX3B-TR	9/28/2018	12/21/2018
VUB1102W-4BX3A-E-TR	VCDB1104P-4B83B-TR	9/28/2018	12/21/2018
VUB1102W-4BZ3B-A-TR	VCDB1104P-4B83B-TR	6/28/2019	12/20/2019
VUB1102W-4BZ3B-TR	VCDB1104P-4B83B-TR	9/28/2018	12/21/2018
VUB1102W-TR	VCDB1104P-4B83B-TR	9/28/2018	12/21/2018
VUB1105W-10-TR	VCDB1106P-6B73B-TR	9/28/2018	12/21/2018
VUB1105W-4C44A-S-TR	VCDB1106P-6B73B-TR	9/28/2018	12/21/2018
VUB1105W-4C53B-RR	VCDB1104P-4B83B-TR	9/28/2018	12/21/2018
VUB1105W-4C53B-TR	VCDB1106P-6B73B-TR	9/28/2018	12/21/2018
VUB1105W-4C53BZ-TR	VCDB1106P-6B73B-TR	9/28/2018	12/21/2018
VUB1105W-TR	VCDB1106P-6B73B-TR	9/28/2018	12/21/2018
VUB1112H-3B63B-A-TR	VCDB1111C-****-TR	9/28/2018	12/21/2018
VUB1112H-4B63B-TR	VCDB1112H-5AY3B-TR	9/28/2018	12/21/2018
VUG1102W-4C43B-Z-TR	VCDG1104P-5C63C-TR	9/28/2018	12/21/2018
VUG1102W-4C53B-A-TR	VCDG1104P-5C63C-TR	9/28/2018	12/21/2018
VUG1102W-4C53B-C-TR	VCDG1104P-5C63C-TR	9/28/2018	12/21/2018
VUG1102W-4C53B-E-TR	VCDG1104P-5C63C-TR	6/28/2019	12/20/2019
VUG1105W-4CY3B-TR	VCDG1104P-5C63C-TR	9/28/2018	12/21/2018
VUG1105W-4CY3B-Y-TR	VCDG1106P-****-TR	9/28/2018	12/21/2018
VUG1105W-4CY3BZ-TR	VCDG1104P-5C63C-TR	9/28/2018	12/21/2018
VUG1105W-TR	VCDG1104P-5C63C-TR	9/28/2018	12/21/2018
VUG1111C-4BX3B-TR	VCDG1111C-4BY3B-TR	9/28/2018	12/21/2018
VUG1112H-4BZ3B-TR	VCDG1111C-4BY3B-TR	9/28/2018	12/21/2018
VUG1112H-TR	VCDG1111C-4BY3B-TR	9/28/2018	12/21/2018
VYBG1101W-4B12C-C-CR	VFHL1112H-4B13C-TR	6/28/2019	12/20/2019
VYBG1101W-4B12C-C-TR	VFHL1111C-4B23C-TR	6/28/2019	12/20/2019
VYBG1102W-4B62C-C-TR	VFHL1104P-4B63C-TR	6/28/2019	12/20/2019
VYBG1105W-4BX2B-G-TR	VFHL1116P-4BX3C-TR	6/28/2019	12/20/2019
VYBG1105W-4BX3B-TR	VFHL1116P-4BX3C-TR	6/28/2019	12/20/2019
VYBG1105W-5B42C5-S-TR	VFHL1116P-4BX3C-TR	6/28/2019	12/20/2019
VYBG1105W-S10-TR	VFJD1105W-5C63A-TR	6/28/2019	12/20/2019
VYBG1105W-TR	VFHL1116P-4BX3C-TR	6/28/2019	12/20/2019
VYCG1105W-3C52D-S-TR	VCDG1116P	6/28/2019	12/20/2019
VYCG1105W-4C32D-Z-TR	VCDG1116P	6/28/2019	12/20/2019
VYPY1105W-4C53A-G-TR	VFHD1116P-4C32B-TR	6/28/2019	12/20/2019
VYPY1105W-4C53A-TR	VFHD1116P-4C32B-TR	6/28/2019	12/20/2019
VYPY1105W-4C53A-Z-RR	VFHD1116P-4C32B-TR	6/28/2019	12/20/2019
YBG1105W-13-TR	VFHL1116P-4BX3C-TR	6/28/2019	12/20/2019
YBG1105W-17-TR	VFHL1116P-4BX3C-TR	6/28/2019	12/20/2019
YBG1105W-C11-TR	VFHL1116P-4BX3C-TR	6/28/2019	12/20/2019
YBG1105W-E11-TR	VFHL1116P-4BX3C-TR	6/28/2019	12/20/2019
YBG1105W-TR	VFHL1116P-4BX3C-TR	6/28/2019	12/20/2019
YPY1105W-10-TR	YPY1105W-720-TR	9/28/2018	12/21/2018
YPY1105W-17-TR	VFJD1105W-5C63A-TR	6/28/2019	12/20/2019
YPY3864X-M	FHD3C64X-H	6/28/2019	12/20/2019