

19 March 2020

Re: NOTICE OF 2019-nCoV CIRCUMSTANCES

Dear Valued Renesas Customer:

Thank you very much for selecting Renesas products for your business and for your continued support. This notice is to update you of the precautionary measures and the likely impact on our business operations, resulting from the Novel Coronavirus (2019-nCoV) epidemic in China and all over the world now.

As you may already know, several countries have now decided to order a mandatory shutdown of any non-essential activities and businesses to address the Covid-19 outbreak. As such, the Malaysian government has implemented the Movement Control Order from Wednesday March 18 until Tuesday March 31 (MYT).

- We have halted production in our Malaysia facilities in Penang and Kuala Lumpur since March 18 in accordance with the Movement Control Order. On March 19, the Malaysian government has allowed Electrical and Electronics companies to resume partial operations, following strict conditions and approval from the Ministry of Health.
- As of today, we have not received the approval from the government to resume productions in the RSM and RSKL factories located in Penang and Kuala Lumpur, and do not know if we can resume productions before March 31.
- Our other Penang Renesas factory (former Integrated Device Technology) and our subcontractors in Malaysia (involved in former Intersil product manufacturing) have received approval and resumed partial operations from March 19.
- Attached in the Appendix of this letter is a list of Part Numbers that are impacted by the closure of the RSM and RSKL factories.

Please note that these dates are subject to change and the suspension of production and shipments may be extended further, or may extend to additional Renesas subsidiaries depending upon the changing conditions in each country and other locations and/or additional orders from the individual local governments.

We must also notify that these orders from these countries are likely to adversely affect the delivery situation for our customers while we need more time to have clarity regarding the expected delays. We will continue to provide you with the latest information as it becomes available.

Renesas Electronics Corporation

TOYOSU FORESIA, 3-2-24 Toyosu, Koto-ku, Tokyo 135-0061, Japan URL:<http://www.renesas.com>

It goes without saying that ensuring the continuity of supply to all of our customers is our highest priority, and we assure you that Renesas is making every and utmost effort to minimize the impact and inconvenience on our customers.

We are all available at any time to respond to your questions and will work with you to resolve any issues that may arise because of these unprecedented circumstances. Please do not hesitate to contact your key account managers directly if you have any questions or concerns.

Yours Sincerely,

/s/ Chris Alexandre

Chris Alexandre

Senior Vice President, Global Sales & Marketing
IoT and Infrastructure Business Unit
Renesas Electronics Corporation

APPENDIX

LIST OF PRODUCTS AFFECTED BY THE CLOSURE OF RSM AND RSKL FACTORIES IN MALAYSIA.

29051P-E	NP110N03PUG-E1-AY	R5F10CMEJFB#X6G	UPD70F3782GF-GAT-AX
2SA1121SCTL-E	NP110N04PUG-E1-AZ	R5F10DGDJFB#X6	UPD70F3783GF(R)-GAT-AX
2SA1121SCTR-E	NP110N04PUK-E1-AY	R5F10DLDJFB#H2	UPD70F3783GF-GAT-AX
2SA1121SDTL-E	NP110N055PUG-E1-AZ	R5F10DLDJFB#V2	UPD70F3785GJ-GAE-AX
2SA1330-T1B-A/S6	NP110N055PUK-E1-AY	R5F10DMEJFB#H2	UPD70F3796F1(R)-018-CAH-A
2SA1608-T1-A	NP15P04SLG-E1-AY	R5F10DMGJFB#X6G	UPD70F3796F1(R)-023-CAH-A
2SA1608-T1-A/S3/S4	NP15P06SLG-E1-AY	R5F10E8CAA01LA#W0	UPD70F3796F1(R)-CAH-A
2SA1608-T1-A/S4	NP160N055TUK-E1-AY	R5F10E8DGLA#W0	UPD70F3824GB(S)-GAH-AX
2SA1611-T1-A	NP16N06YLL-E1-AY	R5F10E8EALA#U0	UPD70F3840GB(R)-GAH-AX
2SA1611-T1-A/S5	NP180N04TUK-E1-AY	R5F10EGCAF#V0	UPD70F3840GB(R)-GAH-E2-AX
2SA1611-T1-A/S5/S6	NP180N055TUK-E1-AY	R5F10EGCGFB#X0	UPD70F3913GC(R)-UEU-AX
2SA1611-T1-A/S6	NP20P06SLG-E1-AY	R5F10EGCGXXXFB#X0	UPD70F3913GC(S)-UEU-AX
2SA1611-T1-A/S6/S7	NP22N055SLE-E1-AZ	R5F10EGDAFB#V0	UPD70F3914GC(R)-UEU-AX
2SA1611-T1-A/S7	NP28N10SDE-E1-AY	R5F10EGEAFB#V0	UPD70F3914GF(S)-GAS-AX
2SA673ACTZ-E	NP32N055SLE-E1-AZ	R5F10EGEGFB#V0	UPD70F3922GF(R)-GAT-AX
2SA673ADTZ-E	NP36P04KDG-E1-AY	R5F10ELCGFB#V0	UPD70F3924GF(R)-GAT-AX
2SA673AKCTZ-E	NP36P04SDG-E1-AY	R5F10ELEAFB#V0	UPD70F3932AGJA-GAE-G
2SA673BTZ-E	NP36P06KDG-E1-AY	R5F10ELEGFB#V0	UPD70F3938AGJA-GAE-G
2SA673CTZ-E	NP36P06SLG-E1-AY	R5F10JGCAF#V0	UPD760157GC-M02-8BS-A
2SA812-T1B-A	NP36P06SLG-E1-AZ	R5F10KGCAGFB#V0	UPD76F0168GC-601-8BS-A
2SA812-T1B-A/S5	NP40N10VDF-E1-AY	R5F10KGCAGFB#V0	UPD76F0168GC-702-8BS-A
2SA812-T1B-A/S5/S6	NP45N06VDK-E1-AY	R5F10PBDLNA#U5	UPD76F0176M1GBA-GAH-AX
2SA812-T1B-A/S6	NP50P04SDG-E1-AY	R5F10PGDLFB#H5	UPD780021ASGB-X02-8ET-A
2SA812-T1B-A/S7	NP50P06KDG-E1-AY	R5F10PGDLFB#X5	UPD780021ASGB-X08-8ET-A
2SA812-T2B-A/S6	NP50P06SDG-E1-AY	R5F10PGELFB#H5	UPD780021ASGB-X13-8ET-A
2SB1002CJTL-E	NP52N055SUG-E1-AY	R5F10PGFLFB#V5	UPD780021ASGB-X16-8ET-A
2SB1025DJTL-E	NP52N06SLG-E1-AY	R5F10PGGCKFB#15	UPD780022AGC-147-8BS-E3-A
2SB1025DJTR-E	NP52N06SLG-E1-AY/S	R5F10PGGKFB#H5	UPD780022AGC-164-8BS-E3-A
2SB1026DMTL-E	NP55N04SUG-E1-AY	R5F10PGGLFB#H5	UPD780022AGC-579-8BS-E3-A
2SB1026DMTR-E	NP55N055SDG-E1-AY	R5F10PGGLFB#V5	UPD780022ASGB-X16-8ET-A

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2SB1691WL-TL-E	NP55N055SUG-E1-AY	R5F10PGGLFB#X5	UPD780023AGC-107-8BS-A
2SB624-T1B-A	NP60N055VUK-E1-AY	R5F10PGHLFB#H5	UPD780023ASGB-X49-8ET-A
2SB624-T1B-A/S3	NP60N06VDK-E1-AY	R5F10PGJCKFB#35	UPD780023ASGB-X54-8ET-A
2SB624-T1B-A/S4	NP82N055PUG-E1-AY	R5F10PGJLFB#H5	UPD780024AGC-272-8BS-A
2SB624-T1B-A/S4/S5	NP82N06MLG-S18-AY	R5F10PGJLFB#X5	UPD780024ASGB-X49-8ET-A
2SB798-T2-AZ/DK	NP83P04PDG-E1-AY	R5F10PLGLFB#X5	UPD780024ASGB-X57-8ET-A
2SC1009A-T1B-A/S4	NP83P06PDG-E1-AY	R5F10PLJCKFB#35	UPD780024ASGB-X70-8ET-A
2SC1213ACTZ-E	NP89N04PUK-E1-AY	R5F10PLJKFB#H5	UPD780053GC-055-8BT-A
2SC1213ADTZ-E	NP89N055PUK-E1-AY	R5F10PLJLFB#H5	UPD780058BGC-119-8BT-A
2SC1213AKCTZ-E	NP90N04VDK-E1-AY	R5F10PLJLFB#X5	UPD780058BGC-184-8BT-E2-A
2SC1214CTZ-E	NP90N055VUK-E1-AY	R5F10PMGKFB#X5	UPD780101MC-030-5A4-E2-A
2SC1622A-T1B-A/S7	NP90N06VDK-E1-AY	R5F10PMGLFB#H5	UPD780136GB-026-GAH-AX
2SC1622A-T1B-A/S8	NP90N06VLG-E1-AY	R5F10PMHLFB#H5	UPD780138GB-014-GAH-AX
2SC1623-T1B-A	R2A11301FT#X9	R5F10PMJCLFB#35	UPD780138GB-017-GAH-AX
2SC1623-T1B-A/S5	R2A20114AFP#W1	R5F10PMJLFB#H5	UPD780138GB-023-GAH-AX
2SC1623-T1B-A/S5/S6	R2A20114AFP#W5	R5F10PPEKFB#H5	UPD789022GB-A15-8ES-A
2SC1623-T1B-A/S5/S6/S7	R2A20114BFP#W5	R5F10PPGCLFB#15	UPD789102AMC-584-5A4-E2-A
2SC1623-T1B-A/S6	R2A20114CFP#W2	R5F10PPGLFB#H5	UPD789102AMC-633-5A4-E1-A
2SC1623-T1B-A/S6/S7	R2A20152NS#W0	R5F10PPHLFB#H5	UPD789104AMC-558-5A4-E1-A
2SC1623-T1B-A/S7	R2A20154NS#W5	R5F10PPHLFB#X5	UPD789104AMC-559-5A4-E1-A
2SC1623-T1B-AT	R2A20154SP#W5	R5F10PPJKFB#H5	UPD789104AMC-562-5A4-E1-A
2SC1623-T1B-AT/S6	R2A20158NP#W5	R5F10PPJLFB#H5	UPD789104AMC-578-5A4-E2-A
2SC1623-T2B-A	R2A20162SP#W5	R5F10RF8AFP#30	UPD789104AMC-654-5A4-E1-A
2SC1623-T2B-A/S5	R2A20168NP#W5	R5F10RF8AFP#50	UPD789104AMC-655-5A4-E1-A
2SC1623-T2B-A/S6	R2A20169NP#W5	R5F10RF8AFP#V0	UPD789104AMC-656-5A4-E1-A
2SC1623-T2B-A/S7	R2A20178NP#W0	R5F10RFAAFP#30	UPD789104AMC-657-5A4-E1-A
2SC2223-T1B-A/S3	R2A25105YFP#X6	R5F10RFAAFP#V0	UPD789104AMC-659-5A4-E1-A
2SC2223-T1B-A/S4	R2A25208YFP#X6	R5F10RFCAA01FP#30	UPD789104AMC-694-5A4-A
2SC2618RCTL-E	R2A25416SP#W0	R5F10RFCAA01FP#V0	UPD789104AMC-710-5A4-E1-A
2SC2618RCTR-E	R2A30009FT#W8	R5F10RFCAA03FP#30	UPD789104AMC-720-5A4-E1-A
2SC2618RDTL-E	R2A30011FT#W0	R5F10RFCAA03FP#V0	UPD789104AMC-743-5A4-E1-A
2SC2618RDTR-E	R2A30015FT#W3	R5F10RFCAA05FP#30	UPD789104AMC-744-5A4-E1-A
2SC3380AS04UR-E	R2A30016FT#W2	R5F10RFCAA05FP#V0	UPD789104AMC-759-5A4-E1-A
2SC3624A-T1B-A/S5/S6	R2A35213NP#W0	R5F10RFCAA06FP#30	UPD789104AMC-760-5A4-E1-A
2SC3624A-T1B-A/S6	R2A45005AHNP#W0	R5F10RFCAA07FP#30	UPD789112AMC-543-5A4-E2-A
2SC3624-T1B-A/S7	R2A45067BG#WH	R5F10RFCAA08FP#30	UPD789112AMC-544-5A4-E2-A
2SC3624-T1B-A/S8	R2S25200KFP#T4	R5F10RFCAA08FP#V0	UPD789114AMC-546-5A4-E1-A

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2SC3624-T2B-A/S8	R5F1006AAA00SP#50	R5F10RFCAA10FP#30	UPD789114AMC-549-5A4-E1-A
2SC3739-T1B-A/S2	R5F1006AAA00SP#X0	R5F10RFCAA10FP#V0	UPD789114AMC-550-5A4-E1-A
2SC3739-T1B-A/S2/S3/S4	R5F1006AASP#30	R5F10RFCAA14FP#30	UPD789132AMC-508-5A4-E2-A
2SC3739-T1B-A/S3	R5F1006AASP#50	R5F10RFCAA14FP#V0	UPD789134AMC-511-5A4-E2-A
2SC3739-T1B-A/S3/S4	R5F1006AASP#V0	R5F10RFCAA15FP#30	UPD789166GB-775-8ES-A
2SC3739-T1B-A/S4	R5F1006AASP#X0	R5F10RFCAA18FP#30	UPD789166GB-830-8ES-A
2SC4050KIETR-E	R5F1006AGG03SP#X0	R5F10RFCAA18FP#V0	UPD789167GB-628-8ES-E2-A
2SC4173-T1-A	R5F1006AGSP#50	R5F10RFCAA19FP#30	UPD789167GB-634-8ES-E2-A
2SC4173-T1-A/S2	R5F1006AGSP#V0	R5F10RFCAA19FP#V0	UPD789176GB-525-8ES-E1-A
2SC4173-T1-A/S4	R5F1006CASP#30	R5F10RFCAA20FP#30	UPD789176GB-547-8ES-A
2SC4177-T1-A/S5	R5F1006CASP#50	R5F10RFCAA20FP#V0	UPD789326GB-528-8ET-A
2SC4177-T1-A/S6	R5F1006CASP#X0	R5F10RFCAA21FP#30	UPD789405AGC-067-8BT-A
2SC4177-T1-A/S6/S7	R5F1006CAXXSP#30	R5F10RFCAA21FP#V0	UPD789405AGC-068-8BT-A
2SC4177-T1-A/S7	R5F1006CGSP#30	R5F10RFCAA23FP#30	UPD789406AGC-049-8BT-A
2SC4177-T2-A/S6	R5F1006CGSP#50	R5F10RFCAA24FP#30	UPD789407AGC-109-8BT-A
2SC4178-T1-A	R5F1006DASP#30	R5F10RFCAA24FP#V0	UPD789407AGC-110-8BT-A
2SC4180-T1-A	R5F1006EASP#30	R5F10RFCAA25FP#30	UPD789416AGC-017-8BT-A
2SC4180-T1-A/S6/S7/S8	R5F1006EASP#50	R5F10RFCAA25FP#V0	UPD789417AGC-012-8BT-A
2SC4181-T1-A	R5F1006EASP#V0	R5F10RFCAA26FP#30	UPD789417AGC-024-8BT-E3-A
2SC4181-T1-A/S7	R5F1006EASP#X0	R5F10RFCAA27FP#30	UPD789466GB-504-8ET-A
2SC4181-T1-A/S7/S8	R5F1006EGSP#30	R5F10RFCAA29FP#30	UPD789488GC-A62-8BT-A
2SC4181-T1-A/S8	R5F1008CALA#U0	R5F10RFCAA30FP#30	UPD78F0034AGC-8BS-A
2SC4702XV-02UR-E	R5F1008DALA#U0	R5F10RFCAA31FP#30	UPD78F0034BGC-8BS-A
2SC4901YK-TL-E	R5F1008EALA#U0	R5F10RFCAFP#30	UPD78F0034BYGC-8BS-A
2SD1113K-E	R5F1008EALA#W0	R5F10RFCAFP#50	UPD78F0058GC-8BT-A
2SD1306NETL-E	R5F1008EGLA#U0	R5F10RFCAFP#V0	UPD78F0123HGB-8ET-E3-A
2SD1306NETR-E	R5F100AAA100SP#30	R5F10RFCAXXXFP#30	UPD78F0124M5GB-8ET-A
2SD1368CCTL-E	R5F100AAASP#30	R5F10RGA007FB#V0	UPD78F0134M2GC-8BS-A
2SD1418DBTR-E	R5F100AAASP#50	R5F10RGA0AFB#V0	UPD78F0400GA(S)-403-GAM-AX
2SD1419DETR-E	R5F100AAASP#V0	R5F10RGA0AFB#X0	UPD78F0401GA(S)-GAM-AX
2SD1472CTTR-E	R5F100AADSP#30	R5F10RGA0AFB#V0	UPD78F0403GA(R)-GAM-AX
2SD2256-E	R5F100AAGSP#30	R5F10RLAAA01FB#X0	UPD78F0403GA-GAM-AX
2SD2655WM-TL-E	R5F100AAGSP#V0	R5F10RLA0AFA#30	UPD78F0410GA-8EU-AT
2SD596-T1B-A/S3/S4	R5F100ACAA00SP#50	R5F10RLCAFA#30	UPD78F0411GA(S)-GAM-AX
2SD596-T1B-A/S5	R5F100ACAA00SP#X0	R5F10RLCAFA#V0	UPD78F0411GA-601-GAM-E2-AX
2SD780-T1B-A	R5F100ACAA01SP#50	R5F10RLCAFB#V0	UPD78F0411GA-GAM-AX
2SJ161-E	R5F100ACAA01SP#X0	R5F10WLCAFA#30	UPD78F0413GA(R)-GAM-AX

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2SJ162-E	R5F100ACAA02SP#50	R5F10WLDAA03FA#30	UPD78F0413GA(S)-GAM-AX
2SJ181STR-E	R5F100ACAA02SP#X0	R5F10WLDAA04FA#30	UPD78F0413GA-8EU-AT
2SJ186CYTL-E	R5F100ACAA03SP#V0	R5F10WLDAA05FA#30	UPD78F0413GA-GAM-AX
2SJ248-E	R5F100ACAA04SP#50	R5F10WLDAAFA#30	UPD78F0421GB-GAG-AX
2SJ278MYTL-E	R5F100ACAA04SP#X0	R5F10WLEAFA#30	UPD78F0431GB-602-GAG-AX
2SJ278MYTR-E	R5F100ACAA07SP#50	R5F10WLEAXXFA#30	UPD78F0433GB-GAG-AX
2SJ279L-E	R5F100ACASP#30	R5F10WLFafa#30	UPD78F0441GB(R)-GAH-AX
2SJ279STL-E	R5F100ACASP#50	R5F10WLFafa#50	UPD78F0441GB-GAH-AX
2SJ292-E	R5F100ACASP#V0	R5F10WLGafa#30	UPD78F0442GB(R)-GAH-AX
2SJ295-E	R5F100ACASP#X0	R5F10WMAafa#50	UPD78F0442GB(S)-GAH-AX
2SJ352-E	R5F100ACDSP#30	R5F10WMCafa#30	UPD78F0442GB-GAH-AX
2SJ479L-E	R5F100ACDSP#V0	R5F10WMCafa#50	UPD78F0443GB(R)-GAH-AX
2SJ484WYTL-E	R5F100ACGG01SP#50	R5F10WMDAA00FA#30	UPD78F0443GB-GAH-AX
2SJ496TZ-E	R5F100ACGSP#30	R5F10WMDafa#30	UPD78F0444GB-UEU-AT
2SJ504-E	R5F100ACGXXSP#30	R5F10WMEafa#50	UPD78F0451GB(S)-GAH-AX
2SJ505L-E	R5F100ADASP#30	R5F10WMFafa#30	UPD78F0451GB-GAH-AX
2SJ505STL-E	R5F100ADASP#50	R5F10WMGafa#30	UPD78F0451GB-UEU-AT
2SJ506STR-E	R5F100ADASP#V0	R5F10Y14ASP#V0	UPD78F0451GK-GAJ-AX
2SJ517YYTL-E	R5F100ADGSP#50	R5F10Y14ASP#X0	UPD78F0452GK(S)-GAJ-AX
2SJ518AZ90TR-E	R5F100AEASP#30	R5F10Y14DSP#30	UPD78F0452GK-GAJ-E2-AX
2SJ518AZTR-E	R5F100AEASP#50	R5F10Y14DSP#50	UPD78F0453GB(S)-GAH-AX
2SJ526-E	R5F100AEDSP#V0	R5F10Y16ASP#V0	UPD78F0453GB-GAH-AX
2SJ527STR-E	R5F100AEGSP#30	R5F10Y16ASP#X0	UPD78F0453GK(S)-GAJ-AX
2SJ528L-E	R5F100AEGSP#50	R5F10Y16DSP#30	UPD78F0454GB(S)-405-GAH-AX
2SJ528STR-E	R5F100AFASP#30	R5F10Y16DSP#50	UPD78F0454GB(S)-UEU-AT
2SJ529L0T-E	R5F100AFASP#50	R5F10Y17ASP#30	UPD78F0454GB-GAH-AX
2SJ529L-E	R5F100AFASP#X0	R5F10Y17ASP#50	UPD78F0455GB(S)-GAH-AX
2SJ529STL-E	R5F100AFDSP#30	R5F10Y17DSP#30	UPD78F0455GB-GAH-AX
2SJ529STR-E	R5F100AFGSP#30	R5F10Y17DSP#50	UPD78F0455GB-UEU-AT
2SJ530L-E	R5F100AGASP#30	R5F10Y44ASP#30	UPD78F0455GK(S)-GAJ-AX
2SJ530S-E	R5F100AGASP#50	R5F10Y44DSP#30	UPD78F0455GK-GAJ-AX
2SJ530STL-E	R5F100AGASP#V0	R5F10Y46ASP#30	UPD78F0464GB-GAH-AX
2SJ534-E	R5F100AGASP#X0	R5F10Y46ASP#50	UPD78F0465GB(R)-GAH-AX
2SJ535-01-E	R5F100AGGSP#30	R5F10Y46DSP#30	UPD78F0465GB-GAH-AX
2SJ535-E	R5F100CCALA#U0	R5F10Y46DSP#50	UPD78F0471GK(R)-011-GAK-AX
2SJ539-E	R5F100CFALA#W0	R5F10Y47AA01SP#50	UPD78F0471GK(S)-GAK-AX
2SJ542-E	R5F100CGA100LA#U0	R5F10Y47AA02SP#50	UPD78F0471GK-GAK-AX

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2SJ544-E	R5F100FAAFP#30	R5F10Y47ASP#30	UPD78F0472GK(S)-GAK-AX
2SJ547-E	R5F100FCAA03FP#30	R5F10Y47ASP#50	UPD78F0474GK-GAK-AX
2SJ548-E	R5F100FCAA03FP#V0	R5F10Y47DSP#30	UPD78F0475GK-GAK-AX
2SJ549STL-E	R5F100FCAA04FP#30	R5F10Y47DSP#50	UPD78F0481GK(S)-404-GAK-AX
2SJ550STL-E	R5F100FCAA04FP#V0	R5F111NEGG04LA#U0	UPD78F0482GC(S)-407-GAD-AX
2SJ551STR-E	R5F100FCAA05FP#50	R5F111NEGG05LA#U0	UPD78F0482GK(S)-409-GAK-AX
2SJ552L-E	R5F100FCAA05FP#X0	R5F111NEGLA#U0	UPD78F0482GK(S)-410-GAK-AX
2SJ552STR-E	R5F100FCAA07FP#V0	R5F111NGALA#U0	UPD78F0482GK-GAK-AX
2SJ553L-E	R5F100FCAFP#30	R5F111NGGLA#U0	UPD78F0483GC(S)-GAD-AX
2SJ553STL-E	R5F100FCAFP#50	R5F111NGGLA#W0	UPD78F0483GK-GAK-AX
2SJ553STR-E	R5F100FCAFP#V0	R5F111NJGLA#W0	UPD78F0484GC(S)-GAD-AX
2SJ554-E	R5F100FCAFP#X0	R5F113GLKFB#X5	UPD78F0484GC-GAD-AX
2SJ555-E	R5F100FCAXXXFP#V0	R5F113LLLF#H5	UPD78F0484GK(S)-GAK-AX
2SJ557A-T1B-AT	R5F100FCDE02FP#V0	R5F113LLLF#V5	UPD78F0485GC(S)-GAD-AX
2SJ574BPTL-E	R5F100FCDFP#30	R5F113PLLF#H5	UPD78F0485GK(R)-GAK-AX
2SJ598-ZK-E1-AZ/KY	R5F100FCGFP#30	R5F113TLKFB#V5	UPD78F0485GK(S)-401-GAK-AX
2SJ599-ZK-E1-AZ	R5F100FCGFP#V0	R5F117ACGSP#30	UPD78F0485GK(S)-GAK-AX
2SJ601-ZK-E1-AY	R5F100FDA101FP#50	R5F117BCGNA#20	UPD78F0492GK-GAK-AX
2SJ621-T1B-A	R5F100FDAFP#30	R5F11CBCGNA#20	UPD78F0495GC-GAD-AX
2SJ621-T1B-A/XG	R5F100FDAFP#50	R5F11CBCGNA#40	UPD78F0495GK-GAK-AX
2SJ621-T1B-AT	R5F100FDAFP#V0	R5F11CBCMNA#U0	UPD78F0500AMC(R)-013-CAB-AX
2SJ624-T1B-A	R5F100FDGFP#30	R5F11CCCBG#U0	UPD78F0500AMCA2-CAB-G
2SJ624-T1B-AT	R5F100FDGFP#V0	R5F11CCCGH90BG#U0	UPD78F0500AMCA-C06-CAB-E1-G
2SJ625-T1B-A	R5F100FEAFP#30	R5F11CCCBG#U0	UPD78F0500AMCA-C07-CAB-E1-G
2SJ626-T1B-A	R5F100FEAFP#50	R5F1ZDA9DSP#V0	UPD78F0500AMCA-C08-CAB-E1-G
2SJ626-T1B-A/XN	R5F100FEAFP#V0	R5F1ZGNGAA01BG#W1	UPD78F0500AMCA-C09-CAB-E1-G
2SJ626-T1B-A/XNY	R5F100FEAFP#X0	R5F1ZHZGAA00BG#W1	UPD78F0500AMCA-C10-CAB-E1-G
2SJ648-T1-A	R5F100FEGFP#V0	R5F1ZLLJGFA#W0	UPD78F0500AMCA-CAB-G
2SJ648-T1-A/H1Y	R5F100FFAFP#30	R5F1ZLMKGFA#W0	UPD78F0500AMC-CAB-AX
2SK1057-E	R5F100FFAFP#50	R5F1ZSRGAA00BG#W1	UPD78F0500MC(R)-012-5A4-E1-A
2SK1058-E	R5F100FFAFP#V0	R5F1ZZGJGFB#W0	UPD78F0500MC(S)-417-5A4-A
2SK1070PIDTL-E	R5F100FFAFP#X0	R5F51101ADLM#U0	UPD78F0501AMC(R)-015-CAB-AX
2SK1070PIETL-E	R5F100FFDFP#30	R5F51103ADLF#U0	UPD78F0501AMC(R)-CAB-AX
2SK1095-E	R5F100FFDFP#V0	R5F51105ADLF#U0	UPD78F0501AMC(R)-R02-CAB-AX
2SK1151L-E	R5F100FFGFP#V0	R5F5110JADLM#U0	UPD78F0501AMC(S)-402-5A4-E1-A
2SK1151STR-E	R5F100FGAFP#30	R5F51113ADLM#UA	UPD78F0501AMC(S)-421-CAB-E1-AX
2SK1152L-E	R5F100FGAFP#50	R5F51114ADLF#UA	UPD78F0501AMC(S)-424-CAB-E2-AX

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2SK1158-E	R5F100FGAFP#V0	R5F51115ADLF#UA	UPD78F0501AMC(S)-425-CAB-E2-AX
2SK1162-02-E	R5F100FGDFP#30	R5F51116ADLF#UA	UPD78F0501AMC(S)-427-CAB-AX
2SK1162-E	R5F100FHAFP#30	R7F0C001G2DFB#AA0	UPD78F0501AMC(S)-5A4-E2-A
2SK1170-E	R5F100FJAFP#30	R7F0C001L2DFB#AA0	UPD78F0501AMC(S)-CAB-AX
2SK1254L-E	R5F100FJAFP#50	R7F0C002G2DFB#AA0	UPD78F0501AMC(S)-CAB-E1-AX
2SK1254STL-E	R5F100FJGFP#V0	R7F0C002L2DFB#AA0	UPD78F0501AMC(S)-CAB-E2-AX
2SK1300-E	R5F100FLAFP#30	R7F0C009A2DSP-C#AA0	UPD78F0501AMCA-CAB-G
2SK1305-E	R5F100FLAFP#V0	R7F0C009A2DSP-C#HA0	UPD78F0501AMC-CAB-E2-AX
2SK1317-01-E	R5F100GCAFB#V0	R7F0C009F2DFP-C#AA0	UPD78F0502AMC(R)-CAB-AX
2SK1317-E	R5F100GCDFB#V0	R7F0C014L2DFA-C#AA0	UPD78F0502AMC(S)-404-CAB-E1-AX
2SK1334BYTL-E	R5F100GCGFB#V0	R7F0C014L2DFA-C#AA9	UPD78F0502AMCA2-CAB-G
2SK1335L-E	R5F100GDA100FB#V0	R7F0C206L2DFA-C#AA0	UPD78F0502AMC-CAB-AX
2SK1338-E	R5F100GDABF#V0	R7F0C30162ESP#AC0	UPD78F0503AFC-AA3-A
2SK1340-E	R5F100GEA100FB#V0	R7F0C30262ESP#AC0	UPD78F0503AMC(S)-CAB-AX
2SK1341-03-E	R5F100GEA100FB#X0	R7F0C80212ESP#AA0	UPD78F0503AMCA2-CAB-G
2SK1341-E	R5F100GEA101FB#V0	R7F0C80512ESP-C#AA0	UPD78F0503AMCA-CAB-E2-G
2SK1342-E	R5F100GEAFB#V0	R7FS124762A01CLM#AC1	UPD78F0503AMCA-CAB-G
2SK1516-E	R5F100GEAFB#X0	R7FS128782A01CLM#AC1	UPD78F0504AMCA-CAB-E2-G
2SK1518-E	R5F100GEDFB#V0	R9A01G011GFP#GC0	UPD78F0511AGA(R)-013-GAM-AX
2SK1528L-E	R5F100GEGFB#V0	RAA270000KFT#BA1	UPD78F0511AGA(R)-014-GAM-AX
2SK1528STR-E	R5F100GFAFB#V0	RAA270300KFT#BA0	UPD78F0511AGA(R)-GAM-AX
2SK1573-02-E	R5F100GFAFB#X0	RAA2900024H12HPD#GB0	UPD78F0511AGA(S)-8EU-AT
2SK1573-E	R5F100GFGFB#V0	RAA300017GNP#HC2	UPD78F0511AGA(S)-GAM-AX
2SK1647STR-E	R5F100GFGFB#X0	RAA7301013CBG#AC0	UPD78F0511AGA-608-GAM-AX
2SK1671-E	R5F100GGAFB#V0	RAA7301014CBG#HC0	UPD78F0511AGA-611-8EU-AT
2SK1697EYTL-E	R5F100GGAFB#X0	RAJ2510014HSP#HA3	UPD78F0511AGA-8EU-AT
2SK1697EYTR-E	R5F100GGGFB#V0	RD100FM-T1-AY	UPD78F0511AGAA-GAM-G
2SK1762-E	R5F100GHAFB#V0	RD100FM-T1-AZ/BW	UPD78F0511AGA-GAM-AX
2SK1764KY01TL-E	R5F100GHDFB#V0	RD100FS-T1-AY/BW	UPD78F0511AGB(R)-GAF-AX
2SK1764KYTL-E	R5F100GJAFB#V0	RD10FM-T1-AY/BW	UPD78F0511AGB(S)-424-GAF-AX
2SK1764KYTR-E	R5F100GJDFB#X0	RD10M-T1B-A/B1W/B2W/B3W	UPD78F0511AGB(S)-430-GAF-AX
2SK1775-E	R5F100GJGFB#V0	RD10M-T1B-A/B2W	UPD78F0511AGB(S)-431-GAF-AX
2SK1808-E	R5F100GLAA03FB#V0	RD10M-T1B-A/B3W	UPD78F0511AGB(S)-439-GAF-AX
2SK1835-E	R5F100GLAFB#V0	RD11S-T1-A/B3W	UPD78F0511AGB(S)-GAF-AX
2SK1859-E	R5F100GLAFB#X0	RD120S-T1-A/B1W	UPD78F0511AGB-607-GAF-E3-AX
2SK2221-01-E	R5F100LCAFA#30	RD12FM-T1-AZ	UPD78F0511AGBA2-GAF-G
2SK2221-E	R5F100LCAFA#V0	RD12FM-T1-AZ/BW	UPD78F0511AGBA-GAF-G

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2SK2225-01-E	R5F100LCAFB#V0	RD12M-T1B-A/B1W	UPD78F0511AGB-GAF-AX
2SK2225-02-E	R5F100LCDFA#30	RD13FM-T1-A/BW	UPD78F0511AMC(S)-437-GAA-AX
2SK2225-03-E	R5F100LCGFA#30	RD13M-T1B-A/B1W	UPD78F0511AMC(S)-440-GAA-AX
2SK2225-E	R5F100LCGFA#X0	RD13M-T2B-A/B2W	UPD78F0511AMC(S)-441-GAA-E1-AX
2SK2225FC-E#T1F	R5F100LDGFA#30	RD13MW-T1B-A/BW	UPD78F0511AMC(S)-443-GAA-AX
2SK2315TYTR-E	R5F100LEAA00FA#30	RD13S(0)-T1-A/B1W/B2W/B3W	UPD78F0511AMC(S)-444-GAA-AX
2SK2554-E	R5F100LEAFA#30	RD150S-T1-A/B1W	UPD78F0511AMC(S)-GAA-AX
2SK2586-E	R5F100LEAFA#V0	RD15FM-T1-AZ/BW	UPD78F0511AMC(S)-GAA-E1-AX
2SK2730-E	R5F100LEAFB#V0	RD15M-T1B-A/B2W	UPD78F0511GA(S)-8EU-A
2SK2788VYTR-E	R5F100LEDFA#30	RD15M-T1B-A/B3W	UPD78F0511GA(S)-8EU-AT
2SK2796L0T-E	R5F100LEDFA#V0	RD15S-T1-A/B1W	UPD78F0511GA(T)-8EU-A
2SK2796L-E	R5F100LEGFA#30	RD15S-T1-AT/B3W	UPD78F0511GA-8EU-A
2SK2796STL-E	R5F100LEGFB#V0	RD16M-T1B-A/B1W	UPD78F0511GA-8EU-AT
2SK2796STR-E	R5F100LEGFB#X0	RD16M-T1B-A/B2W	UPD78F0511GA-P01-8EU-A
2SK2869L-E	R5F100LFAFA#30	RD16S(0)-T1-AT/B1W/B2W/B3W	UPD78F0511GB(R)-UES-A
2SK2869STL0T-E	R5F100LFAFA#V0	RD16S-T1-AT	UPD78F0511GB(S)-UES-AT
2SK2869STL-E	R5F100LFAFB#V0	RD16S-T1-AT/B2W	UPD78F0511GB(T)-UES-A
2SK2912STR-E	R5F100LFAFB#X0	RD18S(0)-T1-AT/B1W/B2W/B3W	UPD78F0511GB-UES-AT
2SK2925L-E	R5F100LFGFA#30	RD18UM-T1-A/B2	UPD78F0512AGA(R)-GAM-AX
2SK2925STR-E	R5F100LFGFB#V0	RD2.0FM-T1-AY/BW	UPD78F0512AGA(S)-410-GAM-E1-AX
2SK2926L-E	R5F100LFGFB#X0	RD2.0M-T1B-A	UPD78F0512AGA(S)-GAM-AX
2SK2926STL-E	R5F100LGFA#30	RD2.0M-T1B-A/B1W	UPD78F0512AGA(S)-GAM-E1-AX
2SK2927-E	R5F100LGFA#V0	RD2.0S-T1-A/B1W	UPD78F0512AGAA-GAM-G
2SK2928-E	R5F100LGAFB#V0	RD2.2FM-T1-AY/BW	UPD78F0512AGA-GAM-AX
2SK2931-E	R5F100LGAFB#X0	RD2.2M-T1B-A	UPD78F0512AGB(R)-GAF-AX
2SK2937-E	R5F100LGDFA#30	RD2.2M-T1B-A/B1W	UPD78F0512AGB(S)-422-GAF-AX
2SK2938-91L-E	R5F100LGDFA#V0	RD2.4FM-T1-AY/BW	UPD78F0512AGB(S)-GAF-AX
2SK2938L-E	R5F100LGDFB#V0	RD2.7M-T1B-A/B2W	UPD78F0512AGBA-GAF-G
2SK2938STR-E	R5F100LGGFA#30	RD20FM-T1-AZ/BK	UPD78F0512AGB-GAF-AX
2SK2940STR-E	R5F100LGGFB#V0	RD20S-T1-A/B1W	UPD78F0512AGB-UES-AT
2SK2955-E	R5F100LHAFA#30	RD20UJ-T1-A/N1W	UPD78F0512AMC(S)-433-GAA-E1-AX
2SK3069-01-E	R5F100LHAFA#V0	RD22FM-T1-AZ/BW	UPD78F0512AMC(S)-GAA-AX
2SK3070STR-E	R5F100LHAFB#V0	RD22M-T2B-A	UPD78F0512AMC(S)-GAA-E1-AX
2SK3082L-E	R5F100LHAFB#X0	RD24FM-T1-AY/BW	UPD78F0512GA(R)-8EU-A
2SK3147L-E	R5F100LHDFB#V0	RD24FM-T1-AZ/BW	UPD78F0512GA(S)-426-8EU-A
2SK3147STR-E	R5F100LJAFA#30	RD24FS-T1-AY/BW	UPD78F0512GA(S)-8EU-A
2SK3148-E	R5F100LJAFA#V0	RD24M-T1B-A/B2W	UPD78F0512GA(T)-8EU-A

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2SK3149-E	R5F100LJDFB#V0	RD24M-T2B-A/B2W	UPD78F0512GA(T)-8EU-AT
2SK3150L-E	R5F100LKAFB#V0	RD24MW-T1B-A/BW	UPD78F0512GB(T)-UES-AT
2SK3150STL-E	R5F100LKDFB#V0	RD24S-T1-A/B2W	UPD78F0513AGA(R)-GAM-AX
2SK3151-E	R5F100LLAFA#30	RD27FM(0)-T1-AY/BW	UPD78F0513AGA(S)-415-GAM-AX
2SK3152-E	R5F100LLAFA#V0	RD27M-T1B-A/B1W	UPD78F0513AGA(S)-422-GAM-AX
2SK3155-E	R5F100LLAFB#V0	RD27MW-T1B-A	UPD78F0513AGA(S)-430-GAM-AX
2SK3157-02-E	R5F100MFAFA#30	RD27S(0)-T1-AT/B1W	UPD78F0513AGA(S)-432-GAM-AX
2SK3157-E	R5F100MFAFA#V0	RD27S-T1-AT/B1W	UPD78F0513AGA(S)-433-GAM-AX
2SK3159-E	R5F100MFAFB#V0	RD3.0M-T1B-A/B1W	UPD78F0513AGA(S)-8EU-AT
2SK3160-E	R5F100MFGFA#30	RD3.0M-T1B-A/B2W	UPD78F0513AGA(S)-GAM-AX
2SK3161STR-E	R5F100MFGFA#V0	RD3.0S(0)-T1-AT/B1W/B2W	UPD78F0513AGA-609-GAM-AX
2SK3162-E	R5F100MFGFB#V0	RD3.0S-T1-A/B1W	UPD78F0513AGA-8EU-AT
2SK3163-E	R5F100MGAA03FA#30	RD3.0S-T1-AT/B1W	UPD78F0513AGAA2-GAM-G
2SK3177-E	R5F100MGAA06FA#30	RD3.3M-T1B-A/B1W/B2W	UPD78F0513AGAA-GAM-G
2SK3209-E	R5F100MGAA08FA#30	RD3.6M-T1B-A/B2W	UPD78F0513AGA-GAM-AX
2SK3211-90STR-E	R5F100MGFAFA#30	RD3.6MW-T1B-AT/BW	UPD78F0513AGB(R)-GAF-AX
2SK3211STR-E	R5F100MGFAFA#V0	RD3.6S(0)-T1-AT/B1W	UPD78F0513AGB(S)-434-GAF-AX
2SK3212-01-E	R5F100MGAFB#V0	RD3.9FM-T1-AY/BW	UPD78F0513AGB(S)-435-GAF-AX
2SK3212-E	R5F100MGAXXFB#V0	RD3.9M-T1B-A/B2W	UPD78F0513AGB(S)-GAF-AX
2SK3228-01-E	R5F100MGDFA#30	RD3.9S-T1-A/B2W	UPD78F0513AGB(S)-UES-AT
2SK3235-E	R5F100MGDFB#V0	RD30FM(0)-T1-AY/BW	UPD78F0513AGB(S)-UES-E2-AT
2SK3308-01-E	R5F100MGGFA#30	RD30FM-T1-AY/BW	UPD78F0513AGB(S)-XXX-GAF-AX
2SK3418-E	R5F100MGGFB#V0	RD30FM-T1-AZ/BK	UPD78F0513AGB-GAF-AX
2SK3419-E	R5F100MHAA14FA#30	RD30FM-T1-AZ/BW	UPD78F0513AGB-UES-AT
2SK3446TZ-E	R5F100MHAA14FA#V0	RD30M-T1B-A/B1W	UPD78F0513AMC(R)-GAA-AX
2SK3576-T1B-A	R5F100MHFAFA#30	RD33FM(0)-T1-AY/BW	UPD78F0513AMC(S)-GAA-AX
2SK3576-T1B-AT	R5F100MHFAFA#V0	RD33FM-T1-AY/BW	UPD78F0513AMC(S)-GAA-E1-AX
2SK3577(0)-T1B-A	R5F100MHGFB#V0	RD33FM-T1-AZ/BW	UPD78F0513AMC-GAA-AX
2SK3577(1)-T1B-AT	R5F100MJFAFA#30	RD33M-T1B-A/B1W	UPD78F0513GA(R)-8EU-A
2SK3577-T1B-A	R5F100MJFAFA#V0	RD33S-T1-A/B1W	UPD78F0513GA(S)-8EU-A
2SK3577-T1B-AT	R5F100MJDFB#V0	RD33S-T1-AT/B1W	UPD78F0513GA(S)-8EU-E2-AT
2SK3663(0)-T1-A	R5F100MKAFA#30	RD33UJ-T1-AT/N2W	UPD78F0513GA(T)-8EU-A
2SK3664-T1-A	R5F100MKAFA#V0	RD36FM(0)-T1-AZ/BW	UPD78F0513GA(T)-8EU-AT
2SK3736-E	R5F100MLAFA#30	RD36FM-T1-AY/BW	UPD78F0513GA(T)-8EU-E1-A
2SK3812(0)-ZP-E1-AZ	R5F100MLAFA#V0	RD36FM-T1-AZ/BW	UPD78F0513GA-8EU-AT
2SK3812-ZP-E1-AZ	R5F100MLAFB#V0	RD36S-T1-AT/B1W	UPD78F0513GB(S)-UES-A
2SK3899(0)-ZK-E1-AY	R5F100PFAFA#30	RD39FM-T1-AZ/BW	UPD78F0513GB(T)-UES-A

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2SK3899-ZK-E1-AY	R5F100PFAFA#V0	RD39FS-T1-AY/BW	UPD78F0513GB(T)-UES-AT
2SK4070-ZK-E1-AY	R5F100PFAFB#V0	RD39M-T1B-A/B1W	UPD78F0513GB(T)-UES-E3-AT
2SK4178-ZK-E1-AY	R5F100PFGFB#V0	RD39S-T1-A/B1W	UPD78F0513GB-UES-A
2SK972-E	R5F100PGAFA#30	RD4.3M-T1B-A/B1W	UPD78F0513MC(S)-GAA-AX
2SK975TZ-E	R5F100PGAFA#V0	RD4.3M-T1B-A/B3W	UPD78F0514AGA(R)-GAM-AX
3SK318YB-TL-E	R5F100PGAFB#V0	RD4.7FM-T1-AY/BW	UPD78F0514AGA(S)-424-GAM-AX
3SK324UG-TL-E	R5F100PGDFB#V0	RD4.7M-T1B-A/B1W	UPD78F0514AGA(S)-425-GAM-AX
74HC00P-E	R5F100PGGFB#V0	RD4.7M-T1B-A/B2W	UPD78F0514AGA(S)-428-GAM-AX
74HC02P-E	R5F100PHAFB#30	RD4.7M-T1B-AT/B2W	UPD78F0514AGA(S)-444-GAM-AX
74HC04P-E	R5F100PHAFB#V0	RD4.7MW-T1B-A/BW	UPD78F0514AGA(S)-446-GAM-AX
74HC08P-E	R5F100PHGFB#V0	RD43FM(0)-T1-AY/BW	UPD78F0514AGA(S)-447-GAM-AX
74HC123AP-E	R5F100PJAFB#30	RD43FM-T1-AZ/BW	UPD78F0514AGA(S)-448-GAM-AX
74HC138P-E	R5F100PJAFB#V0	RD43S-T1-A/B1W	UPD78F0514AGA(S)-449-GAM-AX
74HC14P-E	R5F100PJAFB#V0	RD47FM-T1-AZ/BW	UPD78F0514AGA(S)-GAM-AX
74HC14P-E-P	R5F100PJDFB#V0	RD47M-T1B-A/B1W	UPD78F0514AGA-8EU-AT
74HC174P-E-P	R5F100PJGFA#30	RD5.1FM(0)-T1-AY/BW	UPD78F0514AGAA-GAM-E2-G
74HC238P-E-P	R5F100PJGFB#V0	RD5.1FM(9)-T1-AZ/BW	UPD78F0514AGA-GAM-AX
74HC240PV-E	R5F100PKGFB#V0	RD5.1M-T1B-A/B1W/B2W	UPD78F0514AGA-GAM-E2-AX
74HC244PV-E	R5F100PLAFB#V0	RD5.1M-T1B-A/B2W	UPD78F0514GA(A)-GAM-AX
74HC245PV-E	R5F100PLDFB#V0	RD5.1M-T2B-A/B1W	UPD78F0514GA(T)-8EU-A
74HC273PV-E	R5F100SHAFB#30	RD5.1MW-T1B-A/BW	UPD78F0515AGA(R)-GAM-AX
74HC374PV-E	R5F100SHAFB#V0	RD5.1S-T1-AT/B1W	UPD78F0515AGA(R)-GAM-E1-AX
74HC4052P-E	R5F100SHDFB#30	RD5.1UJ-T1-A	UPD78F0515AGA(S)-8EU-AT
74HC541PV-E	R5F100SHDXXXFB#X0	RD5.1UJ-T1-A/N1W	UPD78F0515AGA(S)-GAM-AX
74HC574P-E	R5F100SJAFB#30	RD5.1UJ-T1-A/N2W	UPD78F0515AGA-8EU-AT
74HC595P-E	R5F100SJDFB#30	RD5.6FM-T1-AZ/BW	UPD78F0515AGA-GAM-AX
74HC74P-E	R5F100SKDFB#30	RD5.6M-T1B-A/B1W	UPD78F0515AGA-GAM-E1-AX
74HCT244PV-E	R5F100SKDFB#V0	RD5.6M-T1B-A/B1W/B2W	UPD78F0515AGB-GAF-AX
74LS07P-E	R5F100SLAFB#30	RD5.6M-T1B-A/B1W/B2W/B3W	UPD78F0515AGB-UES-E2-AT
74LS14P-E	R5F100SLAFB#50	RD5.6M-T1B-A/B2W	UPD78F0515DAGA-GAM-AX
74LS240P-E	R5F100SLAFB#V0	RD5.6M-T2B-A	UPD78F0515GA(T)-8EU-A
74LS373P-E	R5F100SLDFB#30	RD5.6M-T2B-A/B2W	UPD78F0515GA(T)-8EU-AT
74LV1G00ACME-E	R5F1016AASP#50	RD5.6M-T2B-A/B3W	UPD78F0515GA(T)-8EU-E2-A
74LV1G02ACME-E	R5F1016AASP#X0	RD5.6S(0)-T1-AT/B2W	UPD78F0515GA-703-8EU-A
74LV1G04ACME-E	R5F1016ADSP#30	RD5.6S-T1-A/B1W	UPD78F0516AGAA2-GAM-G
74LV1G08ACME-E	R5F1016ADSP#50	RD5.6S-T2-A/B2K	UPD78F0516AGAA-GAM-E2-G
74LV1G08AVSE-E	R5F1016CASP#30	RD5.6UJ-T1-A/N2W	UPD78F0521AGB(S)-GAG-AX

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74LV1G125ACME-E	R5F1016CASP#50	RD5.6UJ-T1-AT/N1W	UPD78F0521AGB-GAG-AX
74LV1G126ACME-E	R5F1016CASP#V0	RD51FM(0)-T1-AY/BW	UPD78F0522AGB(R)-GAG-AX
74LV1G126AVSE-E	R5F1016CASP#X0	RD51FM-T1-AZ/BW	UPD78F0522AGB-GAG-AX
74LV1G14ACME-E	R5F1016DASP#30	RD56S-T1-AT/B1W	UPD78F0522GB-UET-A
74LV1G14AVSE-E	R5F1016EASP#30	RD6.2FM-T1-AZ/BW	UPD78F0523AGB(R)-GAG-AX
74LV1G32ACME-E	R5F1016EASP#50	RD6.2M-T1B-A/B1W	UPD78F0523AGB(S)-GAG-AX
74LV1G32AVSE-E	R5F1016EASP#V0	RD6.2M-T1B-A/B2W	UPD78F0523GB(R)-UET-A
74LV1G66ACME-E	R5F1018AAA02LA#W0	RD6.2M-T1B-A/B3W	UPD78F0523GB(T)-UET-A
74LV1G66AVSE-E	R5F1018EALA#W0	RD6.2MW-T1B-A/BW	UPD78F0524AGB(R)-011-GAG-AX
74LV1G86ACME-E	R5F101AAASP#30	RD6.2MW-T1B-AT	UPD78F0524AGB(R)-013-GAG-AX
74LV1GT00ACME-E	R5F101AAASP#50	RD6.2MW-T1B-AT/BW	UPD78F0524AGB(R)-GAG-AX
74LV1GT02AVSE-E	R5F101AAASP#V0	RD6.2S(0)-T1-A/B1W/B2W/B3W	UPD78F0524AGB(S)-GAG-AX
74LV1GT04ACME-E	R5F101AADSP#30	RD6.2S(0)-T1-AT/B2W	UPD78F0524AGB-GAG-AX
74LV1GT08ACME-E	R5F101ACASP#30	RD6.2S-T1-AT/B1W	UPD78F0525AGB(R)-GAG-AX
74LV1GT08AVSE-E	R5F101ACASP#50	RD6.2Z(0)-T1B-AT/BW	UPD78F0525AGB(S)-GAG-AX
74LV1GT125ACME-E	R5F101ACASP#V0	RD6.2Z-T2B-A/BW	UPD78F0526AGB(S)-GAG-AX
74LV1GT125AVSE-E	R5F101ACASP#X0	RD6.2Z-T2B-AT/BW	UPD78F0527AGB(S)-GAG-AX
74LV1GT126ACME-E	R5F101ACDSP#30	RD6.8FM-T1-AZ	UPD78F0527AGB-GAG-AX
74LV1GT14ACME-E	R5F101ACDSP#50	RD6.8FM-T1-AZ/BW	UPD78F0527DAGB-GAG-AX
74LV1GT14AVSE-E	R5F101ACDSP#V0	RD6.8M-T1B-A/B1W/B2W	UPD78F0527GB(S)-UET-A
74LV1GT32ACME-E	R5F101ACDSP#X0	RD6.8M-T1B-A/B2W	UPD78F0527GB(T)-UET-A
74LV1GW04ACME-E	R5F101AEASP#30	RD6.8M-T1B-A/B3W	UPD78F0527GB-UET-A
74LV1GW07ACME-E	R5F101AEASP#50	RD6.8SL-T1-AT/N1W	UPD78F0531AGB(R)-014-GAH-AX
74LV1GW14ACME-E	R5F101AFAA00SP#30	RD6.8S-T1-A/B1W	UPD78F0531AGB(R)-GAH-AX
74LV1GW16ACME-E	R5F101AFAA00SP#V0	RD6.8S-T1-A/B2W	UPD78F0531AGB(S)-GAH-AX
74LV1GW17ACME-E	R5F101AFAA01SP#30	RD6.8S-T1-A/B3W	UPD78F0531AGB-GAH-AX
74LV1GW53ACME-E	R5F101AFAA01SP#V0	RD6.8S-T1-AT/B1W	UPD78F0531AGC(S)-404-GAL-AX
74LV1GW97ACME-E	R5F101AFASP#30	RD6.8S-T1-AT/B2W	UPD78F0531GB(S)-UEU-A
74LV1GWU04ACME-E	R5F101AFASP#50	RD62FS-T1-AY	UPD78F0531GB-UEU-A
74LV2G00AUSE-E	R5F101AFASP#V0	RD62S-T1-A/B1W	UPD78F0531GK(T)-UET-A
74LV2G02AUSE-E	R5F101AFASP#X0	RD68FM-T1-AZ/BW	UPD78F0531GK-UET-A
74LV2G08AUSE-E	R5F101AFDSP#30	RD68S-T1-A/B1W	UPD78F0532AGC-GAL-AX
74LV2G123AUSE-E	R5F101AGASP#30	RD7.5FM-T1-AZ/BW	UPD78F0532GB(S)-UEU-A
74LV2G125AUSE-E	R5F101AGASP#50	RD7.5M-T1B-A/B3W	UPD78F0533AGB(R)-GAH-AX
74LV2G126AUSE-E	R5F101CCALA#U0	RD7.5S(0)-T1-AT/B1W/B2W/B3W	UPD78F0533AGB(S)-434-GAH-AX
74LV2G14AUSE-E	R5F101CGDE00LA#W0	RD75FM-T1-AZ/BW	UPD78F0533AGB(S)-440-GAH-AX
74LV2G241AUSE-E	R5F101FAAFP#30	RD8.2FM-T1-AZ/BW	UPD78F0533AGB-GAH-AX

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74LV2G32AUSE-E	R5F101FAAFP#50	RD8.2M-T1B-A/B1W	UPD78F0533AGB-UEU-AT
74LV2G34AUSE-E	R5F101FAAFP#V0	RD8.2M-T1B-A/B2W	UPD78F0533AGC-GAL-AX
74LV2G53AUSE-E	R5F101FAAFP#X0	RD8.2S-T1-AT/B1W/B2W/B3W	UPD78F0533AGK(S)-GAJ-AX
74LV2G66AUSE-E	R5F101FADE00FP#30	RD8.2S-T1-AT/B2W	UPD78F0534AFC-AA1-A
74LV2G74AUSE-E	R5F101FADE00FP#V0	RD82FM-T1-AZ/BW	UPD78F0534AGB(R)-013-GAH-AX
74LV2GT04AUSE-E	R5F101FADFP#30	RD82S-T1-AT/B1W	UPD78F0534AGB(R)-GAH-AX
74LV2GT08AUSE-E	R5F101FADFP#V0	RD9.1M-T1B-A/B1W	UPD78F0534AGB(S)-GAH-AX
74LV2GT125AUSE-E	R5F101FCAFP#30	RD9.1M-T1B-A/B2W	UPD78F0534AGB-GAH-AX
74LV2GT126AUSE-E	R5F101FCAFP#V0	RD9.1UM-T1-AT/B1W	UPD78F0534AGC(S)-GAL-AX
74LV2GT14AUSE-E	R5F101FCDFP#30	RD91S-T1-A/B1W	UPD78F0534AGC-GAL-AX
74LV2GT245AUSE-E	R5F101FCDFP#50	READ2302GSP#GC0	UPD78F0534AGK(S)-403-GAJ-AX
74LV2GT34AUSE-E	R5F101FCDFP#V0	READ2302GSP#GC3	UPD78F0534AGK-GAJ-AX
74LV2GT66AUSE-E	R5F101FCDFP#X0	RJE0601JPE-00#J3	UPD78F0534GB(S)-UEU-A
74LV2GT74AUSE-E	R5F101FDAFP#30	RJE0605JPD-00#J3	UPD78F0534GB(T)-UEU-A
74LV2GT86AUSE-E	R5F101FDDFP#30	RJE0607JSP-00#J0	UPD78F0535AFC-AA1-A
74LV2GU04AUSE-E	R5F101FDDFP#V0	RJE0609JPD-00#J3	UPD78F0535AGB(R)-014-GAH-AX
ALVC1G07VSE-E	R5F101FEAFP#30	RJE0615JSP-00#J0	UPD78F0535AGB(S)-414-GAH-AX
ALVC1G08VSE-E	R5F101FEAFP#V0	RJE0616JSP-00#J0	UPD78F0535AGB(S)-450-GAH-AX
ALVC1G125VSE-E	R5F101FEAFP#X0	RJE0617JSP-00#J0	UPD78F0535AGB(S)-GAH-AX
ALVC1G14VSE-E	R5F101FFAFP#30	RJE0618JSP-00#J0	UPD78F0535AGBA-GAH-G
ALVC2G07USE-E	R5F101FJAFP#30	RJE0620JPD-00#J3	UPD78F0535AGB-GAH-AX
ALVC2G08USE-E-P	R5F101GAAFB#V0	RJE0621JSP-00#J0	UPD78F0535AGC(S)-GAL-AX
ALVC2G241USE-E	R5F101GADFB#V0	RJF0604JPD-00#J3	UPD78F0535AGC-GAL-AX
ALVC2G32USE-E	R5F101GCAFB#V0	RJF0605JPD-00#J3	UPD78F0535AGK(R)-GAJ-AX
ALVC2G53USE-E	R5F101GCAFB#X0	RJF0609JSP-00#J0	UPD78F0535AGK(S)-GAJ-AX
ALVC2G66USE-E	R5F101GDDB#X0	RJF0610JSP-00#J0	UPD78F0535AGK-GAJ-AX
BCR08AS-12AT14#B10	R5F101GEAFB#V0	RJF0611JPD-00#J3	UPD78F0535GB(S)-UEU-A
BCR08AS-12AT14#B11	R5F101GEDE01FB#X0	RJF0622JSP-01#J0	UPD78F0535GB-UEU-A
BCR10CS-12LB#B00	R5F101GEDE02FB#X0	RJH1CV5DPK-00#T0	UPD78F0535GC(T)-UBS-A
BCR10CS12LBT11#B00	R5F101GEDFB#V0	RJH60D0DPK-00#T0	UPD78F0535GC-UBS-A
BCR10LM-12LB#B00	R5F101GFAPB#V0	RJH60D0DPM-00#T1	UPD78F0535GK(S)-UET-A
BCR10LM-12LBA8#B00	R5F101GJAFB#V0	RJH60D2DPP-M0#T2	UPD78F0535GK(S)-UET-M1-A
BCR12CS12LBT11#B00	R5F101GLAFB#V0	RJH60D3DPP-M0#T2	UPD78F0536AGB(S)-409-GAH-AX
BCR12CS12LBT21#C03	R5F101LCAFA#30	RJH60D5DPK-00#T0	UPD78F0536AGB-GAH-AX
BCR12LM-12LB#B00	R5F101LCAFB#V0	RJH60D6DPK-00#T0	UPD78F0536AGK(S)-GAJ-AX
BCR12LM-14LB#B00	R5F101LDAA02FA#V0	RJH60D7ADPK-00#T0	UPD78F0536AGK-GAJ-AX
BCR16CS16LBT11#B00	R5F101LDAA04FA#V0	RJH60D7DPK-00#T0	UPD78F0536GB(S)-UEU-A

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BCR16LM-12LA#C01	R5F101LDAA06FA#V0	RJH60F0DPK-00#T0	UPD78F0536GB(T)-UEU-A
BCR16LM-12LB#B00	R5F101LDAFA#V0	RJH60F0DPK-01#T0	UPD78F0536GK(T)-UET-A
BCR16LM-12LB#C03	R5F101LDAFB#V0	RJH60F4DPK-00#T0	UPD78F0537AGB(R)-GAH-AX
BCR16LM-12LB#C04	R5F101LDDFA#30	RJH60F4DPK-01#T0	UPD78F0537AGB(S)-GAH-AX
BCR16LM-14LB#B00	R5F101LDDFA#V0	RJH60F5DPK-00#T0	UPD78F0537AGB-GAH-AX
BCR16LM-16LB#B00	R5F101LEAFA#30	RJH60F5DPK-01#T0	UPD78F0537AGC(R)-GAL-AX
BCR16RM-12LB#B00	R5F101LEAFA#50	RJH60F7ADPK-00#T0	UPD78F0537AGC(S)-GAL-AX
BCR20LM-16LB#B00	R5F101LEAFA#V0	RJH60F7ADPK-01#T0	UPD78F0537AGC-GAL-AX
BCR20LM-16LBA8#B00	R5F101LEAFB#V0	RJ0319DSP-00#J5	UPD78F0537AGK-GAJ-AX
BCR20LM-16LBAZ#B00	R5F101LEAFB#X0	RJ0601JPE-00#Q3	UPD78F0537GB(T)-UEU-A
BCR20RM-30LA#B00	R5F101LFAFB#V0	RJ0606JPD-00#J3	UPD78F0537GB(T)-UEU-E2-A
BCR25RM-12LB#B00	R5F101LFDFA#V0	RJK0301DPB-02#J0	UPD78F0537GB-UEU-A
BCR30AM-12LB#B00	R5F101LGAFB#30	RJK0305DPB-02#J0	UPD78F0537GC(T)-UBS-A
BCR3AS-12A-A1#B02	R5F101LGAFB#V0	RJK0328DPB-01#J0	UPD78F0537GC-UBS-A
BCR3LM-12LB#B00	R5F101LGAFB#V0	RJK0330DPB-01#J0	UPD78F0544AGC(S)-GAD-AX
BCR40RM-12LB#B00	R5F101LHAFB#V0	RJK0332DPB-01#J0	UPD78F0544AGC-GAD-AX
BCR5AS-12A-A1#B00	R5F101LKAFB#V0	RJK0346DPA-01#J0B	UPD78F0544AGK(R)-GAK-AX
BCR5LM-12LB#B00	R5F101LKDFB#V0	RJK0354DSP-00#J0	UPD78F0544AGK(S)-GAK-AX
BCR5LM-12LB-A8#B00	R5F101LLAFB#V0	RJK0355DSP-00#J0	UPD78F0544AGK-GAK-AX
BCR5LM-12LB-A8#C03	R5F101MFAFA#30	RJK0391DPA-00#J5A	UPD78F0544GK(S)-8EU-A
BCR5LM-12RB#B00	R5F101MFAFA#V0	RJK0393DPA-00#J5A	UPD78F0544GK-8EU-A
BCR8CS-12LBT11#B00	R5F101MFAFB#V0	RJK03M1DPA-00#J5A	UPD78F0545AGC(R)-GAD-AX
BCR8LM-12LB#B00	R5F101MFDFA#V0	RJK03M2DPA-00#J5A	UPD78F0545AGC-A-GAD-G
BCR8LM-12LB1A8#B00	R5F101MGAA02FB#V0	RJK03M3DPA-00#J5A	UPD78F0545AGC-GAD-AX
CR05AS-8-AT14#F01	R5F101MGAA04FB#V0	RJK0451DPB-00#J5	UPD78F0545AGK-GAK-AX
CR05AS-8-BT14#F01	R5F101MGAA06FB#V0	RJK0452DPB-00#J5	UPD78F0545GC(T)-UBT-A
CR05AS-8-CT14#F01	R5F101MGAA07FB#V0	RJK0454DPB-00#J5	UPD78F0545GK(S)-8EU-A
CR05AS-8-ET14#F01	R5F101MGAA08FB#V0	RJK0456DPB-00#J5	UPD78F0545GK(T)-8EU-A
CR05AS-8-T14#F01	R5F101MGAFB#V0	RJK0629JPE-00#J3	UPD78F0546AGC(S)-GAD-AX
CR05BS-8-ET13#F10	R5F101MHAFB#V0	RJK0630JPE-00#J3	UPD78F0546AGK(R)-GAK-AX
CR05BS-8-T13#F10	R5F101MHDFB#V0	RJK0631JPD-00#J3	UPD78F0546AGK(S)-GAK-AX
CR08AS-12AAT14#B10	R5F101MJAFB#V0	RJK0631JPE-00#J3	UPD78F0546GC(S)-UBT-A
CR08AS-12ABT14#B10	R5F101MJDE02FB#V0	RJK0632JPD-00#J3	UPD78F0546GC(T)-UBT-A
CR08AS-12AET14#B10	R5F101MJDFB#V0	RJK0651DPB-00#J5	UPD78F0546GK(S)-8EU-A
CR08AS-12A-T14#B10	R5F101MKDFB#V0	RJK0652DPB-00#J5	UPD78F0547AGC(R)-GAD-AX
CR08AS-12-AT14#F10	R5F101MKDFB#X0	RJK0653DPB-00#J5	UPD78F0547AGC(S)-GAD-AX
CR08AS-12-BT14#F10	R5F101MLAFB#X0	RJK0654DPB-00#J5	UPD78F0547AGC-GAD-AX

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CR08AS-12-T14#F10	R5F101MLDFB#V0	RJK0655DPB-00#J5	UPD78F0547AGK(R)-GAK-AX
CR08AS-8A-T14#C11	R5F101PFAFA#30	RJK0656DPB-00#J5	UPD78F0547AGK(R)-GAK-E1-AX
CR12CS-16B-A1#B00	R5F101PFAFA#V0	RJK0659DPA-0T#J5A	UPD78F0547AGKA-GAK-G
CR12CS-16B-T11#B00	R5F101PFDFB#V0	RJK0660DPA-00#J5A	UPD78F0547AGK-GAK-AX
CR25RM-12D#B00	R5F101PGDFB#V0	RJK0851DPB-00#J5	UPD78F0547DAGC-GAD-AX
CR25RM-12D#B01	R5F101PHAFB#V0	RJK0852DPB-00#J5	UPD78F0547GC(R)-UBT-A
CR25RM-12D#C01	R5F101SHAFB#30	RJK0853DPB-00#J5	UPD78F0547GC(S)-UBT-A
CR5AS-12A-A1#B00	R5F101SHAFB#V0	RJK0854DPB-00#J5	UPD78F0547GC(T)-UBT-A
CR5AS-12A-BA1#B00	R5F101SHDFB#30	RJK0855DPB-00#J5	UPD78F0547GK(S)-8EU-A
CR5AS-8UE-TL#B00	R5F101SHDFB#V0	RJK1008DPN-00#02	UPD78F0547GK(T)-8EU-A
CR6LM-12B#B00	R5F101SJAFB#30	RJK1021DPN-00#00	UPD78F0547GK-8EU-A
CR8LM-12B#B00	R5F101SJAFB#V0	RJK1028DNS-00#J5	UPD78F0550MA(R)-FAA-E1-AX
D151TS3312ARP#H0	R5F101SJDFB#30	RJK1051DPB-00#J5	UPD78F0550MA(S)-FAA-AX
D151TS3313ARP	R5F101SJDFB#V0	RJK1052DPB-00#J5	UPD78F0551MA(S)-301-FAA-AX
D151TS3316ARP#H0	R5F101SKDFB#30	RJK1053DPB-00#J5	UPD78F0551MA(S)-302-FAA-AX
D151TS3325ARP#H0	R5F101SKDFB#V0	RJK1054DPB-00#J5	UPD78F0560MC-CAA-E1-AX
D3CYD08CME-E	R5F101SLDFB#30	RJK1056DPB-00#J5	UPD78F0562MC-CAA-AX
D5CYD08CME-E	R5F102A7ASP#30	RJK1206JPD-00#J3	UPD78F0562MC-CAA-E1-AX
FA1A4M-T1B-A	R5F102A7ASP#50	RJK1525DPE-TL-E	UPD78F0571MC(R)-CAB-AX
FA1A4P-T1B-A	R5F102A7ASP#V0	RJK1525DPP-M0#T2	UPD78F0571MC(S)-302-CAB-AX
FA1A4P-T1B-A/S	R5F102A8AA04SP#50	RJK1529DPK-E	UPD78F0571MC(S)-CAB-AX
FA4A4M-T1B-A	R5F102A8AA04SP#X0	RJK1535DPE-00#J3	UPD78F0571MC-CAB-AX
FA4A4M-T1B-A/S	R5F102A8AA05SP#50	RJK1536DPN-00#02	UPD78F0572MC(R)-CAB-AX
FB1A3M-T1B-A	R5F102A8AA05SP#X0	RJK1555DPA-00#J0	UPD78F0572MC(S)-CAB-AX
FB1A3M-T1B-A/S	R5F102A8ASP#30	RJK1557DPA-00#J0	UPD78F0572MC-CAB-AX
FB1A4A-T1B-A/S	R5F102A8ASP#50	RJK1576DPA-00#J5A	UPD78F0573MC(R)-CAB-AX
FB1A4M-T1B-A	R5F102A8ASP#X0	RJK2017DPP-M0#T2	UPD78F0573MC-CAB-AX
FB1F3P-T1B-A	R5F102A8GSP#30	RJK2055DPA-00#J0	UPD78F0578MC-CAB-AX
FB1J3P-T1B-A	R5F102A8GSP#X0	RJK2057DPA-00#J0	UPD78F0581GA-GAM-AX
FB1L2Q-T1B-A	R5F102A9AA01SP#V0	RJK2061JPE-00#J3	UPD78F0581GB(S)-301-GAF-AX
FK10LM-12-AZ#B00	R5F102A9ASP#30	RJK2075DPA-00#J5A	UPD78F0582GA(R)-011-GAM-AX
FK14LM-10#B00	R5F102AAAA00SP#30	RJK2508DPK-00#T0	UPD78F0582GA(R)-GAM-AX
FK16LM-5#B00	R5F102AAAA00SP#V0	RJK2555DPA-00#J0	UPD78F0582GB(R)-GAF-AX
FK18SM-10#B10	R5F102AAAA06SP#30	RJK3008DPK-00#T0	UPD78F0583GA(R)-GAM-AX
FK18SM-9#B10	R5F102AAAA06SP#V0	RJK4002DJE-00#Z0	UPD78F0583GA(S)-GAM-AX
FK25SM-6#B10	R5F102AAAA07SP#V0	RJK4007DPP-M0#T2	UPD78F0583GA-GAM-AX
FK30SM-5#B10	R5F102AAAA09SP#V0	RJK4013DPE-00#J3	UPD78F0583GB(S)-305-GAF-E1-AX

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FK30SM-6#B10	R5F102AAAA11SP#30	RJK4018DPK-00#T0	UPD78F0583GB(S)-306-GAF-E1-AX
FN1A4M-T1B-A	R5F102AAAA11SP#V0	RJK4514DPK-00#T0	UPD78F0588GA(S)-GAM-AX
FN1A4M-T1B-A/S	R5F102AAAA14SP#50	RJK4518DPK-00#T0	UPD78F0588GA-GAM-AX
FN1F4M-T1B-A	R5F102AAAA14SP#X0	RJK5012DPE-00#J3	UPD78F0591MC-CAB-AX
FN4A4M-T1B-A	R5F102AAAA17SP#X0	RJK5013DPK-00#T0	UPD78F0712MC-011-5A4-A
FN4A4M-T1B-A/S	R5F102AAAA18SP#50	RJK5014DPK-00#T0	UPD78F0712MC-5A4-A
FN4F3P-T1B-A	R5F102AAAA19SP#V0	RJK5015DPK-00#T0	UPD78F0730MC(S)-CAB-AX
FP1F3P-T1B-A	R5F102AAAA20SP#50	RJK5015DPM-00#T1	UPD78F0730MC-601-CAB-E1-AX
FS40SM-6A#B10	R5F102AAAA21SP#50	RJK5018DPK-00#T0	UPD78F0730MC-CAB-AX
FS50SM-5A#B10	R5F102AAASP#30	RJK5020DPK-00#T0	UPD78F0730MC-CAB-E1-AX
GA1A4M-T1-A	R5F102AAASP#50	RJK5026DPP-M0#T2	UPD78F0741MA-FAA-AX
GA1F4M-T1-A	R5F102AAASP#V0	RJK5030DPP-M0#T2	UPD78F0742MA(R)-013-FAA-E1-AX
GA4A4M-T1-A	R5F102AAASP#X0	RJK5030DPP-MS#T2	UPD78F0742MA(R)-FAA-AX
GN1A4M-T1-A	R5F102AADSP#30	RJK5033DPP-M0#T2	UPD78F0743MC(R)-CAA-AX
GN4014ZB4S90TL-E	R5F102AADSP#50	RJK6009DPP-M0#T2	UPD78F0743MC(S)-CAA-E1-AX
GN6020V4LSTL-E	R5F102AADSP#X0	RJK6011DJE-00#Z0	UPD78F0743MC-CAA-AX
GN6060V5DP-E	R5F102AAGSP#30	RJK6012DPE-00#J3	UPD78F0756MC(R)-CAB-AX
H5N1506P-E	R5F102AAGSP#50	RJK6013DPE-00#J3	UPD78F0763GB-GAH-AX
H5N2001LSTL-E	R5F102AAGSP#V0	RJK6014DPK-00#T0	UPD78F0822BGC(A)-UEU-AX
H5N2005DL-E	R5F102AAGSP#X0	RJK6015DPK-00#T0	UPD78F0828AGC(A)-GAD-AX
H5N2005DSTL-E	R5F103A7ASP#30	RJK6015DPM-00#T1	UPD78F0836GBA-GAH-G
H5N2504DSTR-E	R5F103A7ASP#50	RJK6018DPK-00#T0	UPD78F0844GBA-GAH-G
H5N2505DSTL-E	R5F103A7ASP#V0	RJK6020DPK-00#T0	UPD78F0849GKA-GAK-E2-G
H5N2507P-E	R5F103A7ASP#X0	RJL5013DPE-00#J3	UPD78F0855MAA-FAA-G
H5N2508DSTL-E	R5F103A7DSP#X0	RJL5014DPK-00#T0	UPD78F0864MCA2-CAB-G
H5N2510DL-E	R5F103A8AA03SP#30	RJL5020DPK-00#T0	UPD78F0865MCA-CAB-E2-Q-G
H5N2510DSTL-E	R5F103A8AA06SP#30	RJL6012DPE-00#J3	UPD78F0865MCA-CAB-G
H5N2514P-E	R5F103A8ASP#30	RJL6013DPE-00#J3	UPD78F0881AGBA-GAF-G
H5N2519P-E	R5F103A8ASP#50	RJL6020DPK-00#T0	UPD78F0882AGBA-GAF-G
H5N2522LSTL-E	R5F103A8ASP#V0	RJM0301JSP-00#J0	UPD78F0884AGAA2-GAM-G
H5N3003P-E	R5F103A9AA00SP#30	RJM0305JSP-01#J0	UPD78F0884AGAA-GAM-G
H5N3011P-E	R5F103A9ASP#30	RJM0308DSC-00#12	UPD78F0884GA-P01-GAM-AX
H5N5001FM-E	R5F103A9ASP#V0	RJM0310DPA-00#J53	UPD78F0885GA(A)-GAM-AX
H7N0203AB01-E	R5F103AAASP#30	RJM0404JSC-00#12	UPD78F0886AGAA-GAM-E2-G
H7N0307AB-E	R5F103AAASP#50	RJM0603JSC-00#12	UPD78F0886AGAA-GAM-G
H7N0308AB-E	R5F103AAASP#V0	RJP4009ANS-01#Q5	UPD78F0886GA(A)-GAM-AX
H7N0310LD-E	R5F103AAASP#X0	RJP4009ANS-01#Q6	UPD78F0887AGBA-GAH-G

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H7N0602LSTR-E	R5F103AADSP#30	RJP4013ASP-00#J5	UPD78F0888AGBA-GAH-G
H7N0603DSTR-E	R5F104AAASP#30	RJP4301APP-M0#T2	UPD78F1002GB-GAF-AX
H7N0607DS90TL-E	R5F104AAASP#50	RJP5001APP-M0#T2	UPD78F1003GB(R)-GAF-AX
H7N0607DSTL-E	R5F104AADE00SP#30	RJP6003DPE-00#J3	UPD78F1003GB-GAF-AX
H7N0608AB-E	R5F104AADE00SP#V0	RJP6006DPM-00#T3	UPD78F1006GB(S)-GAG-AX
H7N0608FM-E	R5F104AADSP#30	RJP6012JPE-00#J3	UPD78F1009F1(S)-AN1-A
H7N1002LS01TR-E	R5F104AADSP#50	RJP60D0DPK-00#T0	UPD78F1009F1-AN1-A
H7N1002LSTR-E	R5F104AADSP#V0	RJP60D0DPM-00#T1	UPD78F1009GB-GAH-AX
H7N1004DL-E	R5F104AAGSP#V0	RJP60D0DPP-MB#T2	UPD78F1011GK(R)-GAK-AX
H7N1004DSTR-E	R5F104ACASP#30	RJP60F0DPM-00#T1	UPD78F1014GC(R)-UEU-AX
H7N1004FM-E	R5F104ACASP#50	RJP60F5DPK-01#T0	UPD78F1018F1-BA4-A
H7N1004LS90TL-E	R5F104ADASP#50	RJP60F5DPM-00#T1	UPD78F1026GB-GAH-AX
H7N1004LSTR-E	R5F104AEASP#30	RJP65T43DPM-00#T1	UPD78F1029GC(R)-UEU-AX
H7N1005DL-E	R5F104AEASP#50	RJQ6008ADPM-20#T0	UPD78F1029GC(S)-UEU-AX
H7N1005DSTR-E	R5F104AEASP#V0	RJQ6008BDPM-20#T0	UPD78F1036AGBS-GAH-G
H7N1005FM-E	R5F104AEASP#X0	RJU3052SDPE-00#J3	UPD78F1037AGBS-GAH-G
H7N1005LSTR-E	R5F104AFASP#30	RNA51944AUP#H1	UPD78F1040GBR-GAH-G
H7N1009MD90TZ-E	R5F104AGASP#30	RNA51944BUP#H1	UPD78F1142AGB(S)-GAH-AX
H7P0601DS90TR-E	R5F104AGDSP#30	RNA51951AUP#H1	UPD78F1142AGB-GAH-AX
H7P0601DSTL-E	R5F104AGGSP#30	RNA51951BFP#H0	UPD78F1142AGK(S)-GAJ-AX
H7P1002DS90TR-E	R5F104AGGSP#V0	RNA51951BUP#H1	UPD78F1142GK(R)-GAJ-AX
H7P1002DSTR-E	R5F104CEALA#W0	RNA51953AFP#H0	UPD78F1143AGB-GAH-AX
HA12187FP-EL-E	R5F104CFALA#W0	RNA51953AP#T0	UPD78F1143GB-GAH-E3-AX
HA12240FPEL-E	R5F104CGALA#U0	RNA51953BFP#H0	UPD78F1143GK(S)-GAJ-AX
HA13721FPKEL-E	R5F104CGALA#W0	RNA51953BP#T0P	UPD78F1144AF1-BA4-A
HA13721RPJE-E	R5F104CGDE01LA#W0	RNA51955AFP#H0	UPD78F1144AGB(R)-GAH-AX
HA13721RPJEEL-E	R5F104FAAFP#30	RNA51955BFP#H0	UPD78F1144AGB-GAH-AX
HA16108FPEL-E	R5F104FAAFP#V0	RNA51957AFP#H0	UPD78F1144GB-GAH-AX
HA1630S03CMEL-E	R5F104FAGFP#V0	RNA51957BFP#H0	UPD78F1144GB-GAH-E3-AX
HA1630S04CMEL-E	R5F104FCAFP#30	RNA51957BFP#H0P	UPD78F1145AGB-GAH-AX
HA1630S05ACMEL-E	R5F104FCGFP#30	RNA51957BP#T0P	UPD78F1145AGB-GAH-E3-AX
HA1630S05CMEL-E	R5F104FCGFP#V0	RNA51958AFP#H0	UPD78F1145AGK(R)-GAJ-AX
HA1630S06CMEL-E	R5F104FCGFP#X0	RNA51958BFP#H0	UPD78F1145GB-GAH-AX
HA1631S01CMEL-E	R5F104FDAFP#30	RNA51958BP#T0	UPD78F1145GB-GAH-E2-AX
HA1631S02CMEL-E	R5F104FDAFP#V0	RNA53A27FUS#H1	UPD78F1145GB-GAH-E3-AX
HA1631S04CMEL-E	R5F104FDGFP#X0	RNA62782LP#H1	UPD78F1146AGB(R)-GAH-AX
HA17324A-E	R5F104FEAFP#30	RQA0004LXAQS#H1	UPD78F1146AGB-GAH-AX

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HA17324AFEL-E	R5F104FEAFP#50	RQA0004PXDQS#H1	UPD78F1146AGB-GAH-E3-AX
HA17339AFEL-E	R5F104FEAFP#V0	RQA0005AQS#H1	UPD78F1146AGK(R)-GAJ-AX
HA17358A-E	R5F104FFAFP#30	RQA0005QXDQS#H1	UPD78F1146AGK(S)-GAJ-AX
HA17393A-E	R5F104FFAFP#50	RQA0009SXAQS#H1	UPD78F1146GB-GAH-AX
HA17393A-E-P	R5F104FFAXXXFP#30	RQA0009TXDQS#H1	UPD78F1146GB-GAH-E3-AX
HA17393AFEL-E	R5F104FGAFP#30	RQA0010VXDQS#H1	UPD78F1152AGK(R)-GAK-AX
HA17431GPTZ-E	R5F104FJAFP#30	RQA0011DNS#G0	UPD78F1153AGC-GAD-AX
HA17431HPTZ-E	R5F104FJAFP#50	RQJ0201UGDQA#H6	UPD78F1153AGK(R)-GAK-AX
HA17431PA-E	R5F104GCAFB#V0	RQJ0202VGDQA#H6	UPD78F1153AGK(S)-GAK-AX
HA17431PA-TZ-E	R5F104GCAFB#X0	RQJ0203WGDQA#H6	UPD78F1154AGC-GAD-AX
HA17431PNA-TZ-E	R5F104GCDE00FB#X0	RQJ0204XGDQA#H6	UPD78F1154AGK(R)-GAK-AX
HA17431VP-TZ-E	R5F104GCDE02FB#X0	RQJ0301HGDQS#H3	UPD78F1154AGK(S)-GAK-AX
HA17431VP-TZ-E-P	R5F104GCDE03FB#V0	RQJ0302NGDQA#H6	UPD78F1154AGK-GAK-AX
HA17458F-EL-E	R5F104GCDE05FB#V0	RQJ0303PGDQA#H6	UPD78F1154GK(R)-018-GAK-AX
HA17458FP-EL-E	R5F104GCDE06FB#V0	RQJ0304DQDQA#H6	UPD78F1155AGK(R)-GAK-AX
HA17458WPS-E	R5F104GCDE08FB#V0	RQJ0304DQDQS#H3	UPD78F1155AGK(S)-GAK-AX
HA17555-E	R5F104GCDFB#V0	RQJ0305EQDQA#H6	UPD78F1156AGK(R)-GAK-AX
HA17555F-EL-E	R5F104GCGFB#V0	RQJ0305EQDQS#H3	UPD78F1156AGK(S)-GAK-AX
HA17555FP-EL-E	R5F104GDAFB#V0	RQJ0306FQDQA#H6	UPD78F1156AGK-GAK-AX
HA17555PS-E	R5F104GDAFB#X0	RQJ0601DGDQS#H3	UPD78F1156GC-GAD-AX
HA178L05A-TZ-E	R5F104GDGFB#V0	RQJ0602EGDQA#H6	UPD78F1162AGC(R)-UEU-AX
HA178L15A-TZ-E	R5F104GEAFB#V0	RQJ0602EGDQS#H3	UPD78F1162AGC(S)-UEU-AX
HA17901AFPEL-E	R5F104GEAFB#X0	RQJ0603LGDQA#H6	UPD78F1162AGC-UEU-AX
HA17901AP-E	R5F104GFAFB#X0	RQK0201QGDQA#H6	UPD78F1162GC-UEU-AX
HA17902AFPEL-E	R5F104LDAA26LA#U0	RQK0202RGDQA#H6	UPD78F1164AGC(R)-UEU-AX
HA17903AFPEL-E	R5F104LDAA30LA#U0	RQK0204TGDQA#H6	UPD78F1164AGC(S)-UEU-AX
HA17904AFPEL-E	R5F104LEAFA#30	RQK0301FGDQS#H3	UPD78F1164AGC-UEU-AX
HA179L05-TZ-E	R5F104LEAFA#V0	RQK0302GGDQA#H6	UPD78F1164AGF-GAS-AX
HA179L15P-TZ-E	R5F104LEAFB#V0	RQK0302GGDQS#H3	UPD78F1164GC(R)-UEU-AX
HA17L431AP-TZ-E	R5F104LEDFB#V0	RQK0303MGDQA#H6	UPD78F1164GF(S)-GAS-AX
HAF1002-90L-E	R5F104LEGFB#V0	RQK0601AGDQS#H3	UPD78F1164GF-GAS-AX
HAF1002-90STL-E	R5F104LFAFA#X0	RQK0603CGDQA#H6	UPD78F1165AGC(S)-UEU-AX
HAF1004-90L-E	R5F104LFAFB#V0	RQK0603CGDQS#H3	UPD78F1165GC(R)-015-UEU-AX
HAF1004-90STL-E	R5F104LFDLB#V0	RQK0604IGDQA#H6	UPD78F1165GC(R)-UEU-AX
HAF1008-90L-E	R5F104LFGFA#30	RQK0605JGDQA#H6	UPD78F1165GC-UEU-AX
HAF1008-90STL-E	R5F104LFGFB#V0	RQK0606KGDQA#H6	UPD78F1165GF(S)-GAS-AX
HAF1009-90L-E	R5F104LGFA#30	RQK0607AQDQS#H1	UPD78F1166AGC(R)-UEU-AX

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HAF1009-90STL-E	R5F104LGAF#V0	RQK0607AQDQS#H3	UPD78F1166AGC(S)-UEU-AX
HAF1010RJ-EL-E	R5F104LGAFB#V0	RQK0608BQDQS#H3	UPD78F1166AGF(R)-GAS-AX
HAF2007-90L-E	R5F104LHAFA#30	RQK0609CQDQS#H1	UPD78F1166AGF(S)-GAS-AX
HAF2007-90STL-E	R5F104LHAFA#V0	RQK0609CQDQS#H3	UPD78F1166AGF-GAS-AX
HAF2012-90STL-E	R5F104LJAFA#30	RQK2001HQDQA#H6	UPD78F1166GC(R)-UEU-AX
HAF2015RJ-EL-E	R5F104LJALA#W0	RQK2501YGDQA#H1	UPD78F1167AGC(S)-UEU-AX
HAF2017-90L-E	R5F104MFAFA#30	RQK2501YGDQA#H6	UPD78F1167AGC-UEU-AX
HAF2025-90STL-E	R5F104MFAFA#V0	UPA1901TE-T1-A	UPD78F1167AGF(S)-GAS-AX
HAF2026RJ-EL-E	R5F104MFAFB#V0	UPA1901TE-T1-AT	UPD78F1167GC(R)-UEU-AX
HAF2027-90STR-E	R5F104MFGFA#30	UPA1902TE-T1-AT	UPD78F1167GC(S)-UEU-AX
HAT1020R-EL-E	R5F104MFGFA#V0	UPA1913TE-T1-AT	UPD78F1167GC-UEU-AX
HAT1023R-EL-E	R5F104MFGFB#X0	UPA1914TE(2)-T1-AT/TFY	UPD78F1168AGC(R)-UEU-AX
HAT1024R-EL-E	R5F104MGAA10FA#V0	UPA1914TE-T1-A	UPD78F1168AGC(S)-314-UEU-AX
HAT1025R-EL-E	R5F104MGFA#V0	UPA1914TE-T1-AT	UPD78F1168AGC(S)-315-UEU-AX
HAT1026R-EL-E	R5F104MGDFA#30	UPA1914TE-T1-AT/TFY	UPD78F1168AGC(S)-UEU-AX
HAT1036R-EL-E	R5F104MGGFB#V0	UPA1915TE-T1-A	UPD78F1168AGC-UEU-AX
HAT1038R-EL-E	R5F104MHAA06FB#V0	UPA1916TE-T1-A	UPD78F1168AGC-UEU-E2-AX
HAT1038RJ-EL-E	R5F104MHAA13FA#V0	UPA1917TE-T1-AT	UPD78F1168AGF(S)-GAS-AX
HAT1047R-EL-E	R5F104MHAA14FA#V0	UPA1918TE-T1-A	UPD78F1168AGF-GAS-AX
HAT1048R-EL-E	R5F104MHAA16FB#V0	UPA1918TE-T1-AT	UPD78F1168GC-UEU-AX
HAT1054R-EL-E	R5F104MHFAFA#30	UPA1919TE-T1-A	UPD78F1174AGF(R)-GAT-AX
HAT1055R-EL-E	R5F104MHFAFA#V0	UPA1919TE-T1-A/TXY	UPD78F1174GF(R)-GAT-AX
HAT1055RJ-EL-E	R5F104MHAFB#V0	UPA1919TE-T1-AT	UPD78F1175AGF-GAT-AX
HAT1069C-EL-E	R5F104MJFAFA#30	UPA1951TE-T1-A	UPD78F1175GF(R)-GAT-AX
HAT1072H-EL-E	R5F104MJFAFA#V0	UPA1952TE-T1-AT	UPD78F1176AGF(R)-GAT-AX
HAT1089C-EL-E	R5F104MJAFB#V0	UPA1970TE-T1-A	UPD78F1176AGF(S)-GAT-AX
HAT1090C-EL-E	R5F104MJDFB#V0	UPA1970TE-T1-AT	UPD78F1176AGF-GAT-AX
HAT1091C-EL-E	R5F104MJGFA#30	UPA2520T1H(1)-T1-AT	UPD78F1177AGF(R)-GAT-AX
HAT1093C-EL-E	R5F104MKFAFA#30	UPA2735GR-E2-AX	UPD78F1177AGF-GAT-E2-AX
HAT1097R-EL-E	R5F104PFAFB#V0	UPA2736GR-E1-AX	UPD78F1178AGF(R)-GAT-AX
HAT1097RJ-EL-E	R5F104PFAFB#X0	UPA2737GR-E1-AX	UPD78F1178AGF(S)-GAT-AX
HAT1108C-EL-E	R5F104PJFAFA#30	UPA2814T1S-E2-AT	UPD78F1178AGF-GAT-AX
HAT1111C-EL-E	R5F104PJFAFA#V0	UPA2815T1S-E2-AT	UPD78F1186AGJ-GAE-AX
HAT1123R-EL-E	R5F104PJAFB#V0	UPA3753GR-E1-AX	UPD78F1187AGJ(R)-GAE-AX
HAT1126R-EL-E	R5F104PKAFA#30	UPC1251GR(20)-9LG-E1-A/H	UPD78F1201MC(R)-CAB-AX
HAT1126RJ-EL-E	R5F1051AAA00SP#50	UPC177GR(27)-9LG-E1-A/H	UPD78F1203MC-CAB-AX
HAT1127H-EL-E	R5F1054AASP#30	UPC177GR-9LG-E1-A/H	UPD78F1211MC-GAA-AX

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HAT1129R-EL-E	R5F1054AGSP#50	UPC277GR(20)-9LG-E1-A/H	UPD78F1213GB-GAF-AX
HAT1132R-EL-E	R5F107ACGSP#V0	UPC277GR(27)-9LG-E1-A/H	UPD78F1213GB-GAF-E3-AX
HAT1146C-EL-E	R5F107ACGSP#X0	UPC277GR-9LG-E1-A/H	UPD78F1234GB-GAH-AX
HAT2016R-EL-E	R5F107ACMSP#X0	UPC324GR-9LG-E1-A	UPD78F1500AGC-GAD-AX
HAT2020R-EL-E	R5F107AEGG00SP#X0	UPC324GR-9LG-E1-A/H	UPD78F1500AGK(R)-GAK-AX
HAT2022R-EL-E	R5F107AEGSP#V0	UPC324GR-9LG-E2-A/H	UPD78F1500AGK(S)-GAK-AX
HAT2024R-EL-E	R5F107AEGSP#X0	UPC324MA-LAA-E2-AT/H	UPD78F1500AGK-GAK-AX
HAT2026R-EL-E	R5F107DEGG00SP#X0	UPC339GR-9LG-E1-A	UPD78F1501AGK-GAK-AX
HAT2027R-EL-E	R5F107DEGG01SP#X0	UPC339GR-9LG-E1-A/H	UPD78F1501AGK-GAK-E3-AX
HAT2028R-EL-E	R5F107DEGSP#V0	UPC339GR-9LG-E2-A	UPD78F1502AGK(R)-GAK-AX
HAT2028RJ-EL-E	R5F107DEGSP#X0	UPC339GR-9LG-E2-A/H	UPD78F1502AGK(S)-GAK-AX
HAT2029R-EL-E	R5F107DEMSP#V0	UPC339MA-LAA-E2-AT/H	UPD78F1502AGK-GAK-AX
HAT2033R-EL-E	R5F107DEMSP#X0	UPC358GR(5)-9LG-E1-A/H	UPD78F1503AGC-UEU-AX
HAT2033RJ-EL-E	R5F10968JSP#H0	UPC358GR-9LG-E1-A/H	UPD78F1504AGC-UEU-AX
HAT2038R-EL-E	R5F10968KSP#X0	UPC358GR-9LG-E2-A/H	UPD78F1504AGC-UEU-E2-AX
HAT2038RJ-EL-E	R5F1096AKSP#H0	UPC358MA-LAA-E2-AT/J	UPD78F1505AGC(R)-UEU-AX
HAT2040R-EL-E	R5F1096AKSP#X0	UPC393GR-9LG-E1-A	UPD78F1505AGC-UEU-AX
HAT2057RA-EL-E	R5F1096BKK03SP#X0	UPC393GR-9LG-E1-A/H	UPD78F1506AGF-GAT-AX
HAT2058R-EL-E	R5F1096CJSP#X0	UPC393GR-9LG-E2-A/H	UPD78F1508AGF(R)-GAT-AX
HAT2068R-EL-E	R5F1096CKSP#X0	UPC393MA-LAA-E2-AT/H	UPD78F1508AGF(S)-GAT-AX
HAT2070R-EL-E	R5F1096EJSP#H0	UPC451GR(25)-9LG-E2-A/H	UPD78F1508AGF-GAT-AX
HAT2077R-EL-E	R5F109AAJSP#H0	UPC4570GR-9LG-E1-A/H	UPD78F1510AGK-GAK-AX
HAT2085R-EL-E	R5F109AAKSP#HOG	UPC4570GR-9LG-E2-A/H	UPD78F1515AGC(R)-UEU-AX
HAT2092R-EL-E	R5F109AAKSP#X0	UPC4574GR-9LG-E1-A	UPD78F1518AGF(R)-GAT-AX
HAT2093R01-EL-E	R5F109ABJSP#H0	UPC4574GR-9LG-E1-A/H	UPD78F1518AGF(S)-GAT-AX
HAT2099H-EL-E	R5F109ABKSP#H0	UPC4742GR-9LG-E1-A	UPD78F1804AMCA2-CAB-E2-G
HAT2103R-EL-E	R5F109ACKSP#H0	UPC4742GR-9LG-E1-A/H	UPD78F1813AGAA-GAM-G
HAT2114R-EL-E	R5F109ACKSP#X0G	UPC4742GR-9LG-E2-A/H	UPD78F1814AGAA2-GAM-E3-Q-G
HAT2114RJ-EL-E	R5F109AEJSP#H0	UPC4744GR-9LG-E1-A	UPD78F1814AGAA2-GAM-G
HAT2119H-EL-E	R5F109GACJFB#30	UPC4744GR-9LG-E1-A/H	UPD78F1814GAA2-GAM-E2-G
HAT2129H-EL-E	R5F109GAJFB#H0	UPC4744GR-9LG-E2-A/H	UPD78F1814GAA2-GAM-G
HAT2137H-EL-E	R5F109GAJFB#V0	UPC842GR-9LG-E1-A	UPD78F1816AGAA2-GAM-G
HAT2140H-EL-E	R5F109GAJFB#X0	UPC842GR-9LG-E1-A/H	UPD78F1820GBA2-GAH-E3-Q-G
HAT2141H-EL-E	R5F109GAKFB#H0	UPC842GR-9LG-E2-A/H	UPD78F1820GBA-GAH-E2-G
HAT2142H-EL-E	R5F109GAKFB#X0	UPC844GR(29)-9LG-E1-A/H	UPD78F1820GBA-GAH-G
HAT2143H-EL-E	R5F109GBJFB#H0	UPC844GR-9LG-E1-A	UPD78F1822AGBA-GAH-E2-G
HAT2153RJ-EL-E	R5F109GBKFB#X0	UPC844GR-9LG-E1-A/H	UPD78F1823GKA2-GAK-E3-Q-G

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HAT2160H-EL-E	R5F109GDJFB#H0	UPC844GR-9LG-E2-A/H	UPD78F1825AGKA-GAK-G
HAT2164H-EL-E	R5F109GDKFB#H0Q	UPD166034T1U-E1-AY	UPD78F1828AGAA2-GAM-G
HAT2165H-EL-E	R5F109GDKK02FB#H0Q	UPD17241MC-465-5A4-E1-A	UPD78F1831GBA-GAH-G
HAT2166H-EL-E	R5F109GDKK04FB#H0	UPD17241MC-485-5A4-E1-A	UPD78F1833GBA-GAH-G
HAT2168H-EL-E	R5F109GDKK05FB#H0Q	UPD179F110MC-CAB-AX	UPD78F1835AGBA-GAH-G
HAT2169H-EL-E	R5F109GDKK06FB#H0Q	UPD179F111MC-CAB-E1-AX	UPD78F1839GKA-GAK-G
HAT2170H-EL-E	R5F109GEJFB#H0	UPD179F114MC(S)-CAB-AX	UPD78F1840AGKA-GAK-G
HAT2171H-EL-E	R5F109LDJFB#H0	UPD179F114MC-CAB-AX	UPD78F1845AGCA-UEU-E2-D-G
HAT2172H-EL-E	R5F109LEJFB#H0	UPD63530AGA-GAM-AX	UPD78F1845AGCA-UEU-G
HAT2173H-EL-E	R5F10A6CKSP#G5	UPD65880MC-087-5A4-E1-A	UPD78F9177AGB-8ES-A
HAT2174H-EL-E	R5F10A6CLSP#G5	UPD65891MC-028-5A4-E2-A	UPD78F9177AYGB-8ES-A
HAT2175H-EL-E	R5F10A6CLSP#U5	UPD65938MC-P00-5A4-E2-A	UPD78F9201MA(S)-302-CAC-E1-A
HAT2179R-EL-E	R5F10ABAKNA#G5	UPD68227GA-603-GAM-AX	UPD78F9201MA-CAC-E1-A
HAT2183WP-EL-E	R5F10ABCKNA#G5	UPD68872GA-Y03-GAM-AX	UPD78F9202MA(S)-305-CAC-A
HAT2184WP-EL-E	R5F10ABCKNA#W5	UPD703208GC-115-8BT-E2-A	UPD78F9202MA(S)-310-CAC-E1-A
HAT2187WP-EL-E	R5F10AGDLFB#H5	UPD703210GC-109-GAD-E2-AX	UPD78F9202MA(S)-316-CAC-E1-A
HAT2189WP-EL-E	R5F10AGDYFB#H5	UPD703210GC-114-8BT-E2-A	UPD78F9202MA(S)-CAC-A
HAT2193WP-EL-E	R5F10AGDYFB#V5	UPD703210GC-125-8BT-E2-A	UPD78F9202MA(S)-CAC-E1-A
HAT2195R02-EL-E	R5F10AGELFB#H5	UPD703221GF-GAT-AX	UPD78F9202MA-614-CAC-A
HAT2198R03-EL-E	R5F10AGELFB#X5	UPD703327GC-516-8BS-A	UPD78F9202MA-CAC-A
HAT2198R-EL-E	R5F10AGFCKFB#55	UPD703327GC-517-8BS-A	UPD78F9202MA-CAC-E1-A
HAT2200R-EL-E	R5F10AGFLFB#55	UPD703327GC-518-8BS-A	UPD78F9202MA-CAC-E2-A
HAT2200WP-EL-E	R5F10AGFLFB#H5	UPD703329GC-111-8BS-A	UPD78F9210MA-FAA-AX
HAT2210R-EL-E	R5F10AGFLFB#X5	UPD703329GC-112-8BS-A	UPD78F9210MA-FAA-E2-AX
HAT2215R-EL-E	R5F10ALCLFB#X5	UPD70F3015BGC-8EU-A	UPD78F9212MA(A2)-FAA-E1-AX
HAT2215RJ-EL-E	R5F10ALEKFB#X5	UPD70F3017AGC-8EU-A	UPD78F9212MA(R)-FAA-AX
HAT2217C-EL-E	R5F10ALFKFB#X5	UPD70F3017AYGC-8EU-A	UPD78F9212MA(R)-FAA-E1-AX
HAT2240C-EL-E	R5F10ALGKFB#X5	UPD70F3079AYGC-8EU-A	UPD78F9212MA(R)-FAA-E2-AX
HAT2254R-EL-E	R5F10ALGLFB#H5	UPD70F3079BYGC-8EU-A	UPD78F9212MA(S)-315-FAA-E2-AX
HAT2256R01-EL-E	R5F10AMGCLFB#15	UPD70F3210HGC-GAD-E2-AX	UPD78F9212MA(S)-323-FAA-E2-AX
HAT2256R-EL-E	R5F10AMGCLFB#35	UPD70F3211HGC-GAD-E2-AX	UPD78F9212MA(S)-329-FAA-E1-AX
HAT2266H-EL-E	R5F10AMGLFB#H5	UPD70F3357GJ(A)-GAE-AX	UPD78F9212MA(S)-334-FAA-E1-AX
HAT2275R-EL-E	R5F10BACLSP#G5	UPD70F3358GJ(A)-GAE-AX	UPD78F9212MA(S)-336-FAA-E2-AX
HAT2279H-EL-E	R5F10BACLSP#U5	UPD70F3368GJ(A)-GAE-AX	UPD78F9212MA(S)-337-FAA-E2-AX
HAT2281C-EL-E	R5F10BACLSP#W5	UPD70F3370AM2GBA-GAH-AX	UPD78F9212MA(S)-FAA-AX
HAT2286C-EL-E	R5F10BAELSP#G5	UPD70F3370AM2GBA-GAH-E3-QS-AX	UPD78F9212MA(S)-FAA-E1-AX
HAT2287WP-EL-E	R5F10BAELSP#U5	UPD70F3371M1GBA2-GAH-AX	UPD78F9212MA(S)-FAA-E2-AX

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HAT2299WP-EL-E	R5F10BAELSP#W5	UPD70F3371M2GBA1-GAH-AX	UPD78F9212MA-FAA-AX
HAT3004R-EL-E	R5F10BAFLSP#G5	UPD70F3371M2GBA1-GAH-E2-AX	UPD78F9212MA-FAA-E1-AX
HAT3006R-EL-E	R5F10BAGLSP#W5	UPD70F3371M2GBA1-GAH-QS-AX	UPD78F9212MA-FAA-E2-AX
HAT3010R-EL-E	R5F10BBCLNA#G5	UPD70F3371M2GBA-GAH-AX	UPD78F9222MC(S)-5A4-A
HAT3015R-EL-E	R5F10BBCLNA#U5	UPD70F3371M2GBA-GAH-E3-QS-AX	UPD78F9222MC(T)-5A4-A
HAT3018R-EL-E	R5F10BBEKNA#W5	UPD70F3385M2GMA2-GAR-AX	UPD78F9222MC(T)-5A4-E2-A
HAT3018RJ-EL-E	R5F10BBELNA#G5	UPD70F3454GF(R)-GAS-AX	UPD78F9222MC-5A4-A
HAT3019R-EL-E	R5F10BBELNA#U5	UPD70F3454GF(S)-GAS-AX	UPD78F9224MC-5A4-A
HAT3021R-EL-E	R5F10BBGLNA#G5	UPD70F3466GCA9-UEU-E3-Q-G	UPD78F9232MC(S)-5A4-E1-A
HAT3029R02-EL-E	R5F10BBGLNA#W5	UPD70F3477AGJA-GAE-G	UPD78F9232MC(T)-5A4-A
HAT3029R-EL-E	R5F10BGCLFB#V5	UPD70F3478AGJA-GAE-G	UPD78F9234MC(R)-CAB-E2-AX
HAT3036R-EL-E	R5F10BGCLNA#G5	UPD70F3570GBA2-GAH-AX	UPD78F9234MC(T)-5A4-A
HAT3037R-EL-E	R5F10BGDKFB#H5	UPD70F3570GBA2-GAH-E3-AX	UPD78F9234MC-5A4-A
HAT3038R-EL-E	R5F10BGDLFB#H5	UPD70F3570GBA-GAH-AX	UPD78F9418AGC-8BT-A
HAT3043C-EL-E	R5F10BGKFB#H5	UPD70F3571GBA-GAH-AX	UPD78F9500MA(S)-301-CAC-E1-A
HD49343NPEB-E	R5F10BGKFB#X5	UPD70F3572GBA2-GAH-E2-QS-AX	UPD78F9500MA(S)-302-CAC-E2-A
HF75111STL-E	R5F10BGELFB#H5	UPD70F3614M2GBA-GAH-AX	UPD78F9500MA-CAC-A
LV1GW17ACME-E-P	R5F10BGELFB#V5	UPD70F3623GBA-GAH-E3-QS-AX	UPD78F9502MA-601-CAC-A
LV2G14AUSE-E-P	R5F10BGELFB#X5	UPD70F3714GC(R)-R01-8BS-A	UPD78F9850AMC(A)-CAB-AX
M51957BFP#CF0R	R5F10BGFLFB#X5	UPD70F3736GC-GAD-AX	UPD79F0059GB(A)-C03-GAF-AX
M51995AP#TFR	R5F10BGGLFB#15	UPD70F3738F1(S)-CAH-A	UPD79F0060AGK(R)-GAJ-AX
M51996AP#TF	R5F10BGGLFB#35	UPD70F3743GJ(R)-GAE-AX	UPD79F0078GA(S)-405-GAM-AX
M5291FP#CF0R	R5F10BGKFB#H5	UPD70F3743GJ(S)-GAE-AX	UPD79F0081GF(R)-012-GAT-AX
M5295FP#CF0R	R5F10BGKFB#V5	UPD70F3743GJ-GAE-AX	UPD79F0081GF(R)-GAT-AX
N0302P-T1-AT	R5F10BGGLFB#H5	UPD70F3744GJ(R)-GAE-AX	UPD79F0100MC-CAB-E2-AX
N0400P-ZK-E1-AY	R5F10BGGLFB#V5	UPD70F3744GJ-GAE-AX	UPD79F0107FC-404-2N1-E2-A
NNCD12F-T1B-A	R5F10BGGLFB#X5	UPD70F3745GJ(R)-GAE-AX	UPD79F0133MCA3-CAB-G
NNCD3.9D-T1-AT/BW	R5F10BLDCLFB#15	UPD70F3745GJ(S)-GAE-AX	UPD79F0148F1-602-CAV-E1-A
NNCD5.1F-T1B-A/BW	R5F10BLDLFB#H5	UPD70F3745GJ-GAE-AX	UPD79F7024MC-CAA-AX
NNCD5.6C-T1-AT/BW	R5F10BLFLFB#H5	UPD70F3746GJ(R)-GAE-AX	UPD79F8202MA-CAC-A
NNCD6.2C(0)-T1-AT/BW	R5F10BLGCLFB#15	UPD70F3746GJ-GAE-AX	UPD79F8222MC-5A4-A
NNCD6.2F-T1B-A/BW	R5F10BLGLFB#H5	UPD70F3747GB(R)-GAH-AX	UPD79F8453GK-GAJ-AX
NNCD6.2MF-T1B-A/BW	R5F10BLGLFB#V5	UPD70F3757GJ(R)-GAE-AX	UPD79F8513AGB-GAF-AX
NNCD6.2MF-T1B-AT/BW	R5F10BLGLFB#X5	UPD70F3765GF-GAT-AX	UPD79F8525AGB-GAG-AX
NP100P04PDG-E1-AY	R5F10BMFLFB#V5	UPD70F3766GF-GAT-AX	UPD8511GA-GAM-AX
NP100P04PLG-E1-AY	R5F10CLDJFB#H2	UPD70F3767GF(R)-GAT-AX	UPD8512GA-GAM-AX
NP100P06PDG-E1-AY	R5F10CLDLFB#X6	UPD70F3767GF-GAT-AX	UPD89106GC-001-GBA-A

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NP100P06PLG-E1-AY	R5F10CMDJFB#H2	UPD70F3778GF(S)-GAT-AX	UPD89106GC-002-GBA-A
NP109N04PUK-E1-AY	R5F10CMDLFB#H2	UPD70F3778GF-GAT-AX	