

> Product Change Notification

| | | |
|------------------------|---|-----------------|
| Product group: | Power Module | Rev.: 00 |
| No.: PCN 16-058 | Release of 300mm Wafer Size for Infineon IGBT4 1200V Low Power and High Speed 3 IGBT's for all Power Modules | |

Subject of change: Release of 300mm wafer size for Infineon IGBT4 1200V Low Power and High Speed 3 IGBT's as alternative delivery form.

SEMIKRON product type: All power modules using Infineon IGBT4 1200V Low Power or High Speed 3 IGBT's. For a detailed overview of products affected see the attached product listing.

Description of change: Introduction of 300mm wafer size as an alternative delivery form for IGBT4 1200V Low Power and High Speed 3 IGBT's.

Reason for change: Supplier is introducing the 300mm wafer size as an additional delivery form for the IGBT4 1200V Low Power and High Speed 3 IGBT's to support the worldwide demand. To ensure future continuous supply SEMIKRON is releasing this new wafer size as alternative delivery format for all power modules using this IGBT technology.

Identification of change: The product part number and description will remain unchanged, the changed product can be identified via the product date code.

Time schedule for change: 01.12.2016

Supporting documentation: Availability on request

Author: Werner Obermaier

→Please respond to this PCN by returning the attached customer approval form to your local sales partner.

→According to the IEC Standard JESD46 no response to this PCN within 30 days after receipt constitutes acceptance of the change.

Qualification Plan:

| No. | Test | IGBT4 1200V LoPo 300mm Wafer* |
|-----|---|----------------------------------|
| 1 | Dynamic characteristics [E_{on} , E_{off} , dV_{CE}/dt , $t_{d(on)}$, $t_{d(off)}$, t_r , t_f ; T=25°C/150°C] | PASSED (/3) |
| 2 | Short-circuit Safe Operating Test: [V_{DC} =800V; T=25°C/150°C; t_{sc} =10μs] | PASSED (/2) |
| 3 | High temperature storage ** [T=150°C; t=1000h] | Nov. 2016 (/3) |
| 4 | Low temperature storage ** [T=-40°C; t=1000h] | Nov. 2016 (/2) |
| 5 | Thermal cycling ** [500 cycles; T=-50°C ... 150°C] | Dec. 2016 (/2) |
| 6 | High temperature reverse bias (HTRB) ** [T_{vjmax} =95% T_{jmax} ; V_{CE} =95% V_{CEnom} =1140V; t=1000h] | Nov. 2016 (/20) |
| 7 | High temperature gate stress (HTGS) ** [T_{vjmax} =175°C; V_{GE} =+/-20V; t=1000h] | Nov. 2016 (/4) |
| 8 | Power cycling [ΔT =70K; DC; T_{jmin} =80°C] | Dec. 2016 (/4) |
| 9 | High temperature, high humidity reverse bias (H3TRB) ** [T=85°C; rH=85%; V_{CE} =960V; t=1000h] | Dec. 2016 (/20) |

*) quantity based on modules under test

***) based on IGBT4 1200V MePo 300mm Wafer qualification

List of affected products – sorted by Product Description:

| Order Number: | Product Description: | Order Number: | Product Description: |
|---------------|----------------------|---------------|----------------------|
| 21920490 | SEMiX105GD12T4 | 24915290 | SK 75 GAL 12T4 |
| 21920290 | SEMiX155GD12T4 | 24916340 | SK 75 GAL 12T4 |
| 27890112 | SEMiX202GB12T4s | 24915300 | SK 75 GAR 12T4 |
| 27890122 | SEMiX302GB12T4s | 24914920 | SK 75 GB 12T4 T |
| 27890145 | SEMiX453GAL12T4s | 24914790 | SK 75 GD 12T4 T |
| 27890146 | SEMiX453GB12T4s | 24919730 | SK 95 GAB 06 UF |
| 27890160 | SEMiX604GB12T4s | 24920560 | SK100FLI12F4TF1 |
| 27890162 | SEMiX604GB12T4v6 | 24920560 | SK100FLI12F4TF1 |
| 24914870 | SK 10 DGD L 12T4 ET | 24920361 | SK100TMLI12F4TD1p |
| 24914830 | SK 10 GD 12T4 ET | 24920181 | SK10GD12T4ETp |
| 24917000 | SK 10 GHR 12T4 II | 24920021 | SK150TMLI12F4Tp |
| 24914930 | SK 100 GB 12T4 T | 24920340 | SK160TMLI12F4TF1 |
| 24914780 | SK 100 GD 12T4 T | 24920370 | SK161TMLI12F4TF1 |
| 24914520 | SK 100 GH 12T4 T | 24919781 | SK25DGD12T4Tp |
| 24920240 | SK 100 GH 12T4TYK | 24919631 | SK25GD12T4ETp |
| 24919720 | SK 120 GB 12F4 T | 24919891 | SK35DGD12T4Tp |
| 24914880 | SK 15 DGD L 12T4 ET | 24920481 | SK35GAMA12T4SCp |
| 24920050 | SK 15 DGD L 12T4 ETK | 24920811 | SK35GD12T4ETp |
| 24914840 | SK 15 GD 12T4 ET | 24920041 | SK35MLI12T4p |
| 24915340 | SK 150 BGA 12T4 | 24920161 | SK40DGRT12F4SCp |
| 24920230 | SK 150 DGL 12T4 | 24920330 | SK40GLEF12F4TF1 |
| 24914810 | SK 25 DGD L 12T4 T | 24920460 | SK41GLEF12F4TF1 |
| 24920140 | SK 25 GAR 12F4 TSC | 24919181 | SK50GD12T4Tp |
| 24914890 | SK 25 GB 12T4 | 24919810 | SK50LLE12F4TpF0 |
| 24914850 | SK 25 GD 12T4 ET | 24920011 | SK70MLI12T4Tp |
| 24917100 | SK 25 GH 12T4 | 24919341 | SK75GD12T4Tp |
| 24918530 | SK 35 BGB 12T4 | 24920170 | SK80GD12F4T |
| 24914800 | SK 35 DGD L 12T4 T | 24919930 | SK80TMLI12F4TF0H |
| 24915850 | SK 35 GAL 12T4 | 24920111 | SK80TMLI12F4Tp |
| 24915860 | SK 35 GAR 12T4 | 24919800 | SK80TMLI12F4TpF0 |
| 24914900 | SK 35 GB 12T4 | 24920030 | SK81TMLI12F4TF0 |
| 24915310 | SK 35 GD 12T4 | 07916600 | SKD 116/12-L105 |
| 24914860 | SK 35 GD 12T4 ET | 07916640 | SKD 116/12-L140 |
| 24918360 | SK 35 GLF 12T4 T | 07916610 | SKD 116/16-L105 |
| 24914820 | SK 50 DGD L 12T4 T | 07916650 | SKD 116/16-L140 |
| 24914910 | SK 50 GB 12T4 T | 07916620 | SKD 146/12-L105 |
| 24914940 | SK 50 GD 12T4 T | 07916660 | SKD 146/12-L140 T4 |
| 24915220 | SK 50 GH 12T4 T | 07916630 | SKD 146/16-L105 |
| 24915330 | SK 75 BGA 12T4 | 07916670 | SKD 146/16-L140 T4 |

| Order Number: | Product Description: | Order Number: | Product Description: |
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| 07919320 | SKD 146/16-L140T4T | 25241213 | SKiiP 24GB12T4V1 |
| 07916590 | SKD146/16L140T4 | 25231420 | SKiiP 24NAB12T4V1 |
| 21916830 | SKD50GAL12T4D | 25261420 | SKiiP 24NAB12T4V1 |
| 07916680 | SKDH 116/08-L105 | 25231560 | SKiiP 24NAB12T4V10 |
| 07916690 | SKDH 116/12-L105 | 25238100 | SKiiP 24NAB12T4V2 |
| 07916730 | SKDH 116/12-L140 | 20338450 | SKiiP 25AC12T4T10 |
| 07916700 | SKDH 116/16-L105 | 25231550 | SKiiP 25AC12T4V1 |
| 07916740 | SKDH 116/16-L140 | 25231700 | SKiiP 25BBS12T4V1 |
| 07916710 | SKDH 146/12-L105 | 25232670 | SKiiP 26 AC12T4V2 |
| 07916750 | SKDH 146/12-L140 | 25231400 | SKiiP 26AC12T4V1 |
| 07916720 | SKDH 146/16-L105 | 25231620 | SKiiP 26AC12T4V1 |
| 07916760 | SKDH 146/16-L140 | 25261400 | SKiiP 26AC12T4V1 |
| 25232540 | SKiiP 03NAC12T4V1 | 25241223 | SKiiP 26GB12F4V1 |
| 25230210 | SKiiP 05ANB16V1 | 25241215 | SKiiP 26GB12T4V1 |
| 20338440 | SKiiP 10NAC12T4IT45 | 25232570 | SKiiP 26GH12T4V11 |
| 25231610 | SKiiP 11AC12T4V1 | 20228700 | SKiiP 30NAC12T4IT42 |
| 25231580 | SKiiP 11NAB12T4V1 | 20229700 | SKiiP 30NAC12T4IT42 |
| 25261580 | SKiiP 11NAB12T4V1 | 20228500 | SKiiP 31NAC12T4T42 |
| 25231590 | SKiiP 12AC12T4V1 | 20229500 | SKiiP 31NAC12T4T42 |
| 25232430 | SKiiP 12ACC12T4V10 | 20228600 | SKiiP 32NAC12T4T42 |
| 25231440 | SKiiP 12NAB12T4V1 | 20229600 | SKiiP 32NAC12T4T42 |
| 25261440 | SKiiP 12NAB12T4V1 | 25231760 | SKiiP 34ACS12T4V1 |
| 25231630 | SKiiP 13AC12T4V1 | 25231500 | SKiiP 34NAB12T4V1 |
| 20338385 | SKiiP 20NAC12T4IT42 | 25232870 | SKiiP 34NAB12T4V10 |
| 20339385 | SKiiP 20NAC12T4IT42 | 25231740 | SKiiP 35ACC12F4V1 |
| 20338390 | SKiiP 22NAC12T4IT42 | 25231750 | SKiiP 35ACS12T4V1 |
| 20339390 | SKiiP 22NAC12T4IT42 | 25231470 | SKiiP 35NAB12T4V1 |
| 25230740 | SKiiP 22NAS12F4V1 | 25261470 | SKiiP 35NAB12T4V1 |
| 20338460 | SKiiP 23AC12T4T10 | 25232850 | SKiiP 35TMLI12F4V2 |
| 20338470 | SKiiP 23AC12T4T48 | 25231480 | SKiiP 37AC12T4V1 |
| 25232520 | SKiiP 23AC12T4V1 | 25231570 | SKiiP 37NAB12T4V1 |
| 25262520 | SKiiP 23AC12T4V1 | 25261570 | SKiiP 37NAB12T4V1 |
| 25231510 | SKiiP 23ACC12T4V10 | 25231670 | SKiiP 37NAB12T4V10 |
| 25231410 | SKiiP 23NAB12T4V1 | 25232960 | SKiiP 37NAS12F4V1 |
| 25261410 | SKiiP 23NAB12T4V1 | 25231600 | SKiiP 38AC12T4V1 |
| 25231540 | SKiiP 23NAB12T4V10 | 25231090 | SKiiP 38AC12T4V2 |
| 25231460 | SKiiP 24AC12T4V1 | 25221490 | SKiiP 38NAB12T4V1 |
| 25261460 | SKiiP 24AC12T4V1 | 25231490 | SKiiP 38NAB12T4V1 |
| 25231520 | SKiiP 24ACC12T4V10 | 25261490 | SKiiP 38NAB12T4V1 |

| Order Number: | Product Description: | Order Number: | Product Description: |
|---------------|----------------------|---------------|----------------------|
| 25231730 | SKiiP 39AC12F4V19 | 22892300 | SKM150GAL12T4 |
| 25231450 | SKiiP 39AC12T4V1 | 22892400 | SKM150GAR12T4 |
| 25261450 | SKiiP 39AC12T4V1 | 22892040 | SKM150GB12T4 |
| 25231640 | SKiiP 39AC12T4V10 | 22892050 | SKM150GB12T4G |
| 25261640 | SKiiP 39AC12T4V10 | 21918850 | SKM150GB12T4GH13 |
| 25232630 | SKiiP 39AC12T4V16 | 22892530 | SKM150GB12T4GW |
| 25231000 | SKiiP 39AC12T4V21 | 22892440 | SKM150GM12T4 |
| 25232770 | SKiiP 39GA12T4V1 | 22892450 | SKM150GM12T4D2 |
| 25230510 | SKiiP 39MLI12T4V1 | 22892460 | SKM150GM12T4G |
| 20228289 | SKiiP 81AC12T4IST1 | 21918520 | SKM152GA12T4 |
| 20228288 | SKiiP 82AC12T4IST1 | 22892320 | SKM200GAL12T4 |
| 20225630 | SKiiP 82AC12T4IT1 | 22892060 | SKM200GB12T4 |
| 20225620 | SKiiP 82ANB15T40 | 22892069 | SKM200GB12T4SiC |
| 20228283 | SKiiP 83 AC12T4IST1 | 22892220 | SKM200GB12T4SiC2 |
| 20228282 | SKiiP 83AC12T4IT1 | 22892470 | SKM200GM12T4 |
| 20225610 | SKiiP 83ANB15T40 | 21920260 | SKM25GD12T4DH8 |
| 25232860 | SKiiP12NAB12T4V10 | 22892120 | SKM300GA12T4 |
| 25231710 | SKiiP25AC12F4V19 | 22892330 | SKM300GAL12T4 |
| 25238110 | SKiiP25AC12T4V25 | 22892070 | SKM300GB12T4 |
| 25251400 | SKiiP26AC12T4V3 | 22892212 | SKM300GBD12T4 |
| 25232100 | SKiiP27AM12T4V1 | 22892480 | SKM300GM12T4 |
| 25232930 | SKiiP28BBC12F4V1 | 21916270 | SKM300TGL12T4 |
| 25232830 | SKiiP29TMLI12F4V1 | 22892100 | SKM400GA12T4 |
| 25231720 | SKiiP38AC12F4V19 | 22892310 | SKM400GAL12T4 |
| 25232920 | SKiiP39BBC12F4V1 | 22892410 | SKM400GAR12T4 |
| 25232780 | SKiiP39TMLI12T4V2 | 22892080 | SKM400GB12T4 |
| 23916500 | SKiM304GD12T4D | 22892490 | SKM400GM12T4 |
| 23916140 | SKiM455GD12T4D1 | 22892096 | SKM450GB12T4 |
| 23916170 | SKiM455GD12T4DM1 | 22892290 | SKM50GAL12T4 |
| 23930170 | SKiM459GD12F4SC4 | 22892000 | SKM50GB12T4 |
| 22892600 | SKM100GAL12T4 | 22892500 | SKM50GB12T4W |
| 22892020 | SKM100GB12T4 | 22892110 | SKM600GA12T4 |
| 22892030 | SKM100GB12T4G | 22892010 | SKM75GB12T4 |
| 22892520 | SKM100GB12T4W | 22892510 | SKM75GB12T4W |

List of affected products – sorted by Order Number:

| Order Number: | Product Description: | Order Number: | Product Description: |
|---------------|----------------------|---------------|----------------------|
| 07916590 | SKD146/16L140T4 | 20339390 | SKiiP 22NAC12T4IT42 |
| 07916600 | SKD 116/12-L105 | 21916270 | SKM300TGL12T4 |
| 07916610 | SKD 116/16-L105 | 21916830 | SKD50GAL12T4D |
| 07916620 | SKD 146/12-L105 | 21918520 | SKM152GA12T4 |
| 07916630 | SKD 146/16-L105 | 21918850 | SKM150GB12T4GH13 |
| 07916640 | SKD 116/12-L140 | 21920260 | SKM25GD12T4DH8 |
| 07916650 | SKD 116/16-L140 | 21920290 | SEMiX155GD12T4 |
| 07916660 | SKD 146/12-L140 T4 | 21920490 | SEMiX105GD12T4 |
| 07916670 | SKD 146/16-L140 T4 | 22892000 | SKM50GB12T4 |
| 07916680 | SKDH 116/08-L105 | 22892010 | SKM75GB12T4 |
| 07916690 | SKDH 116/12-L105 | 22892020 | SKM100GB12T4 |
| 07916700 | SKDH 116/16-L105 | 22892030 | SKM100GB12T4G |
| 07916710 | SKDH 146/12-L105 | 22892040 | SKM150GB12T4 |
| 07916720 | SKDH 146/16-L105 | 22892050 | SKM150GB12T4G |
| 07916730 | SKDH 116/12-L140 | 22892060 | SKM200GB12T4 |
| 07916740 | SKDH 116/16-L140 | 22892069 | SKM200GB12T4SiC |
| 07916750 | SKDH 146/12-L140 | 22892070 | SKM300GB12T4 |
| 07916760 | SKDH 146/16-L140 | 22892080 | SKM400GB12T4 |
| 07919320 | SKD 146/16-L140T4T | 22892096 | SKM450GB12T4 |
| 20225610 | SKiiP 83ANB15T40 | 22892100 | SKM400GA12T4 |
| 20225620 | SKiiP 82ANB15T40 | 22892110 | SKM600GA12T4 |
| 20225630 | SKiiP 82AC12T4IT1 | 22892120 | SKM300GA12T4 |
| 20228282 | SKiiP 83AC12T4IT1 | 22892212 | SKM300GBD12T4 |
| 20228283 | SKiiP 83 AC12T4IST1 | 22892220 | SKM200GB12T4SiC2 |
| 20228288 | SKiiP 82AC12T4IST1 | 22892290 | SKM50GAL12T4 |
| 20228289 | SKiiP 81AC12T4IST1 | 22892300 | SKM150GAL12T4 |
| 20228500 | SKiiP 31NAC12T4T42 | 22892310 | SKM400GAL12T4 |
| 20228600 | SKiiP 32NAC12T4T42 | 22892320 | SKM200GAL12T4 |
| 20228700 | SKiiP 30NAC12T4IT42 | 22892330 | SKM300GAL12T4 |
| 20229500 | SKiiP 31NAC12T4T42 | 22892400 | SKM150GAR12T4 |
| 20229600 | SKiiP 32NAC12T4T42 | 22892410 | SKM400GAR12T4 |
| 20229700 | SKiiP 30NAC12T4IT42 | 22892440 | SKM150GM12T4 |
| 20338385 | SKiiP 20NAC12T4IT42 | 22892450 | SKM150GM12T4D2 |
| 20338390 | SKiiP 22NAC12T4IT42 | 22892460 | SKM150GM12T4G |
| 20338440 | SKiiP 10NAC12T4IT45 | 22892470 | SKM200GM12T4 |
| 20338450 | SKiiP 25AC12T4T10 | 22892480 | SKM300GM12T4 |
| 20338460 | SKiiP 23AC12T4T10 | 22892490 | SKM400GM12T4 |
| 20338470 | SKiiP 23AC12T4T48 | 22892500 | SKM50GB12T4W |
| 20339385 | SKiiP 20NAC12T4IT42 | 22892510 | SKM75GB12T4W |

| Order Number: | Product Description: | Order Number: | Product Description: |
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| 22892520 | SKM100GB12T4W | 24919341 | SK75GD12T4Tp |
| 22892530 | SKM150GB12T4GW | 24919631 | SK25GD12T4ETp |
| 22892600 | SKM100GAL12T4 | 24919720 | SK 120 GB 12F4 T |
| 23916140 | SKiM455GD12T4D1 | 24919730 | SK 95 GAB 06 UF |
| 23916170 | SKiM455GD12T4DM1 | 24919781 | SK25DGD12T4Tp |
| 23916500 | SKiM304GD12T4D | 24919800 | SK80TMLI12F4TpF0 |
| 23930170 | SKiM459GD12F4SC4 | 24919810 | SK50GLLE12F4TpF0 |
| 24914520 | SK 100 GH 12T4 T | 24919891 | SK35DGD12T4Tp |
| 24914780 | SK 100 GD 12T4 T | 24919930 | SK80TMLI12F4TF0H |
| 24914790 | SK 75 GD 12T4 T | 24920011 | SK70MLI12T4Tp |
| 24914800 | SK 35 DGD 12T4 T | 24920021 | SK150TMLI12F4Tp |
| 24914810 | SK 25 DGD 12T4 T | 24920030 | SK81TMLI12F4TF0 |
| 24914820 | SK 50 DGD 12T4 T | 24920041 | SK35MLI12T4p |
| 24914830 | SK 10 GD 12T4 ET | 24920050 | SK 15 DGD 12T4 ETK |
| 24914840 | SK 15 GD 12T4 ET | 24920111 | SK80TMLI12F4Tp |
| 24914850 | SK 25 GD 12T4 ET | 24920140 | SK 25 GAR 12F4 TSC |
| 24914860 | SK 35 GD 12T4 ET | 24920161 | SK40DGRT12F4SCp |
| 24914870 | SK 10 DGD 12T4 ET | 24920170 | SK80GD12F4T |
| 24914880 | SK 15 DGD 12T4 ET | 24920181 | SK10GD12T4ETp |
| 24914890 | SK 25 GB 12T4 | 24920230 | SK 150 DGL 12T4 |
| 24914900 | SK 35 GB 12T4 | 24920240 | SK 100 GH 12T4TYK |
| 24914910 | SK 50 GB 12T4 T | 24920330 | SK40GLEF12F4TF1 |
| 24914920 | SK 75 GB 12T4 T | 24920340 | SK160TMLI12F4TF1 |
| 24914930 | SK 100 GB 12T4 T | 24920361 | SK100TMLI12F4TD1p |
| 24914940 | SK 50 GD 12T4 T | 24920370 | SK161TMLI12F4TF1 |
| 24915220 | SK 50 GH 12T4 T | 24920460 | SK41GLEF12F4TF1 |
| 24915290 | SK 75 GAL 12T4 | 24920481 | SK35GAMA12T4SCp |
| 24915300 | SK 75 GAR 12T4 | 24920560 | SK100FLI12F4TF1 |
| 24915310 | SK 35 GD 12T4 | 24920560 | SK100FLI12F4TF1 |
| 24915330 | SK 75 BGA 12T4 | 24920811 | SK35GD12T4ETp |
| 24915340 | SK 150 BGA 12T4 | 25221490 | SKiiP 38NAB12T4V1 |
| 24915850 | SK 35 GAL 12T4 | 25230210 | SKiiP 05ANB16V1 |
| 24915860 | SK 35 GAR 12T4 | 25230510 | SKiiP 39MLI12T4V1 |
| 24916340 | SK 75 GAL 12T4 | 25230740 | SKiiP 22NAS12F4V1 |
| 24917000 | SK 10 GHR 12T4 II | 25231000 | SKiiP 39AC12T4V21 |
| 24917100 | SK 25 GH 12T4 | 25231090 | SKiiP 38AC12T4V2 |
| 24918360 | SK 35 GLF 12T4 T | 25231400 | SKiiP 26AC12T4V1 |
| 24918530 | SK 35 BGB 12T4 | 25231410 | SKiiP 23NAB12T4V1 |
| 24919181 | SK50GD12T4Tp | 25231420 | SKiiP 24NAB12T4V1 |

| Order Number: | Product Description: | Order Number: | Product Description: |
|---------------|----------------------|---------------|----------------------|
| 25231440 | SKiiP 12NAB12T4V1 | 25232670 | SKiiP 26 AC12T4V2 |
| 25231450 | SKiiP 39AC12T4V1 | 25232770 | SKiiP 39GA12T4V1 |
| 25231460 | SKiiP 24AC12T4V1 | 25232780 | SKiiP39TMLI12T4V2 |
| 25231470 | SKiiP 35NAB12T4V1 | 25232830 | SKiiP29TMLI12F4V1 |
| 25231480 | SKiiP 37AC12T4V1 | 25232850 | SKiiP 35TMLI12F4V2 |
| 25231490 | SKiiP 38NAB12T4V1 | 25232860 | SKiiP12NAB12T4V10 |
| 25231500 | SKiiP 34NAB12T4V1 | 25232870 | SKiiP 34NAB12T4V10 |
| 25231510 | SKiiP 23ACC12T4V10 | 25232920 | SKiiP39BBC12F4V1 |
| 25231520 | SKiiP 24ACC12T4V10 | 25232930 | SKiiP28BBC12F4V1 |
| 25231540 | SKiiP 23NAB12T4V10 | 25232960 | SKiiP 37NAS12F4V1 |
| 25231550 | SKiiP 25AC12T4V1 | 25238100 | SKiiP 24NAB12T4V2 |
| 25231560 | SKiiP 24NAB12T4V10 | 25238110 | SKiiP25AC12T4V25 |
| 25231570 | SKiiP 37NAB12T4V1 | 25241213 | SKiiP 24GB12T4V1 |
| 25231580 | SKiiP 11NAB12T4V1 | 25241215 | SKiiP 26GB12T4V1 |
| 25231590 | SKiiP 12AC12T4V1 | 25241223 | SKiiP 26GB12F4V1 |
| 25231600 | SKiiP 38AC12T4V1 | 25251400 | SKiiP26AC12T4V3 |
| 25231610 | SKiiP 11AC12T4V1 | 25261400 | SKiiP 26AC12T4V1 |
| 25231620 | SKiiP 26AC12T4V1 | 25261410 | SKiiP 23NAB12T4V1 |
| 25231630 | SKiiP 13AC12T4V1 | 25261420 | SKiiP 24NAB12T4V1 |
| 25231640 | SKiiP 39AC12T4V10 | 25261440 | SKiiP 12NAB12T4V1 |
| 25231670 | SKiiP 37NAB12T4V10 | 25261450 | SKiiP 39AC12T4V1 |
| 25231700 | SKiiP 25BBS12T4V1 | 25261460 | SKiiP 24AC12T4V1 |
| 25231710 | SKiiP25AC12F4V19 | 25261470 | SKiiP 35NAB12T4V1 |
| 25231720 | SKiiP38AC12F4V19 | 25261490 | SKiiP 38NAB12T4V1 |
| 25231730 | SKiiP 39AC12F4V19 | 25261570 | SKiiP 37NAB12T4V1 |
| 25231740 | SKiiP 35ACC12F4V1 | 25261580 | SKiiP 11NAB12T4V1 |
| 25231750 | SKiiP 35ACS12T4V1 | 25261640 | SKiiP 39AC12T4V10 |
| 25231760 | SKiiP 34ACS12T4V1 | 25262520 | SKiiP 23AC12T4V1 |
| 25232100 | SKiiP27AM12T4V1 | 27890112 | SEMiX202GB12T4s |
| 25232430 | SKiiP 12ACC12T4V10 | 27890122 | SEMiX302GB12T4s |
| 25232520 | SKiiP 23AC12T4V1 | 27890145 | SEMiX453GAL12T4s |
| 25232540 | SKiiP 03NAC12T4V1 | 27890146 | SEMiX453GB12T4s |
| 25232570 | SKiiP 26GH12T4V11 | 27890160 | SEMiX604GB12T4s |
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