

QUALITY
FIRST

Preliminary PCN

OS-PCN-2019-004-A

**Introduction of backend production
location Wuxi for SIDELED, TOPLED and
Power TOPLED products**

Customer information package

OS QM CQM | 07.03.2019

Light is OSRAM

OSRAM
Opto Semiconductors

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Reason for change



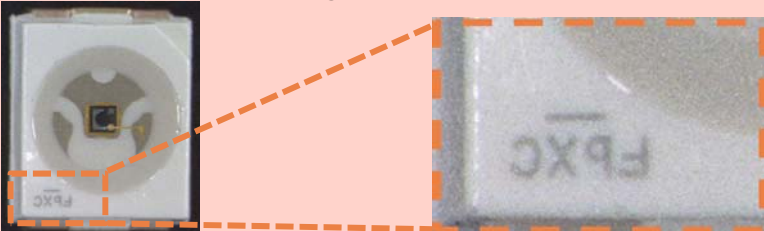
| Item | Description |
|------|--|
| 1 | <p><u>Introduction of backend production location Wuxi</u> for SIDELED, TOPLED and Power TOPLED products to secure continuous supply and to increase production capacity.</p> <p>For better traceability, <u>laser marking on device will be rotated</u> by 180° for devices assembled at location Wuxi.</p> |
| 2 | <p>Only applicable for SFH 320 G, SFH 320 FAG, SFH 320 FAG E9551 produced at backend location Wuxi: <u>Harmonization of plating composition</u> from NiAu to NiPdAu.</p> |
| 3 | <p>Only applicable for SFH 320 G produced at backend location Wuxi: <u>Introduction of improved casting resin</u> for continuous product performance development: Higher glass transition temperature (Tg) and increased adhesion.</p> |

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Description of change (1): Production location + Laser marking orientation applicable for all products

| Current status | New status |
|---|--|
| <p>Production location Penang/Malaysia: -> No laser marking rotation.</p>  | <p>Production location Penang/Malaysia: -> No laser marking rotation.</p>  <p>Or:</p> <p>Production location Wuxi/China: -> 180° laser marking rotation <u>with underscore</u>.</p>  |

Note: Previous backend production location for above mentioned products might be phased out after customer approval of new location - without further information to customer




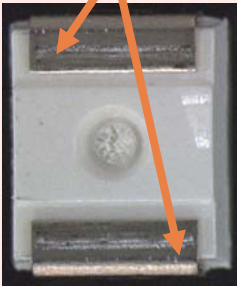
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Description of change (2): Leadframe type and Plating

only applicable for SFH 320 G, SFH 320 FAG, SFH 320 FAG E9551

| | Current status (previous location Penang) | New status (new location Wuxi) |
|------------|--|--|
| Front Side | NiAu LDF on function area  | NiPdAu LDF on function area  |
| Lead Side | NiAu LDF with NiSn plating finish  | NiPdAu LDF without plating finish  |

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Introduction of backend production location Wuxi for SIDELED, TOPLED and Power TOPLED products



Description of change (3): Introduction of new casting resin

only applicable for SFH 320 G

| | Current status (previous location Penang) | New status (new location Wuxi) |
|--------------------------------------|--|---|
| Glas transition Temperat. (Tg) | typ. 115°C | typ. 135°C No change in electro optical properties |

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Introduction of backend production location Wuxi for SIDELED, TOPLED and Power TOPLED products



List of affected products

| SIDELED | SIDELED | SIDELED | TOPLED | TOPLED | Power TOPLED |
|---------|---------|-------------|---------|-------------------|--------------|
| LA A676 | LB A673 | LO A67B | LA T67D | SFH 4243 | SFH 4240 |
| LG A676 | LT A673 | LS A67B | LO T67D | SFH 4243 E9443 | SFH 4250 |
| LO A676 | LW A673 | LY A67B | LR T67D | SFH 4243 E9581 | SFH 4250S |
| LP A676 | LB A67C | LP A675 | LS T67D | SFH 4243 E9593 | |
| LS A676 | LT A67C | SFH 4244 | LY T67D | SFH 4253 | |
| LY A676 | LW A67C | SFH 4255 | | SFH 4257 | |
| LA A67F | LG A67K | SFH 4256 | | SFH 320 | |
| LO A67F | LO A67K | SFH 325 | | SFH 320 FA | |
| LS A67F | LP A67K | SFH 325 FA | | SFH 320 G | |
| LY A67F | LS A67K | SFH 325 G | | SFH 320 FAG | |
| LR A67F | LY A67K | SFH 325 FAG | | SFH 320 FAG E9551 | |

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Introduction of backend production location Wuxi for SIDELED, TOPLED and Power TOPLED products



PCN Samples

| SIDELED | SIDELED | SIDELED | TOPLED | TOPLED | Power TOPLED |
|---------|---------|-------------|---------|-------------------|--------------|
| LA A676 | LB A673 | LO A67B | LA T67D | SFH 4243 | SFH 4240 |
| LG A676 | LT A673 | LS A67B | LO T67D | SFH 4243 E9443 | SFH 4250 |
| LO A676 | LW A673 | LY A67B | LR T67D | SFH 4243 E9581 | SFH 4250S |
| LP A676 | LB A67C | LP A675 | LS T67D | SFH 4243 E9593 | |
| LS A676 | LT A67C | SFH 4244 | LY T67D | SFH 4253 | |
| LY A676 | LW A67C | SFH 4255 | | SFH 4257 | |
| LA A67F | LG A67K | SFH 4256 | | SFH 320 | |
| LO A67F | LO A67K | SFH 325 | | SFH 320 FA | |
| LS A67F | LP A67K | SFH 325 FA | | SFH 320 G | |
| LY A67F | LS A67K | SFH 325 G | | SFH 320 FAG | |
| LR A67F | LY A67K | SFH 325 FAG | | SFH 320 FAG E9551 | |



available



on request

Preliminary PCN – OS-PCN-2019-004-A

Introduction of backend production location Wuxi for SIDELED, TOPLED and Power TOPLED products



Time schedule

| | | |
|--|-------------------------------|---|
| | Planned Publication final PCN | April 2019 |
| for <u>PCN material</u> (after implementation of change): | Final qualification report | 01.04.2019 |
| | Samples available | available (see page 8) |
| | Intended Start of delivery | 15.07.2019 *) <small>*) or earlier if released by customer and upon mutual agreement</small> |
| for <u>Pre-PCN material</u> (prior to implementation of change): | Last time order date (LTO) | 01.11.2019 **) <small>***) expected approval date needs to be available at this time. Lead time and LTO quantity shall be mutually agreed between OSRAM OS and customer.</small> |
| | Last time delivery date (LTD) | 01.02.2020 ***) <small>***) planned last date for delivery of products of current status</small> |

Note:
 Pre-PCN material: Products of current status, means before implementation of the changes as described in the PCN.
 PCN material: Products with implementation of the changes as described in the PCN.

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Thank you.

Products Affected by Product Change Notification

Number: OS-PCN-2019-004-A

Name: Introduction of backend production location Wuxi for SIDELED, TOPLED, and Power TOPLED Products

Release Date: 3/6/2019

Response Due Date: 5/15/2019

Implementation Date: 7/15/2019

| <i>Product</i> | <i>QNumber</i> | <i>QNumber Description</i> | <i>Part Number</i> | |
|----------------|----------------|-----------------------------------|-------------------------------|------------------------|
| LA A676 | Q65110A2253 | LA A676-R1S2-1-0-20-R33-Z | LA A676-R1S2-1-Z | |
| | Q65110A2254 | LA A676-S1T1-1-0-20-R33-Z | LA A676-S1T1-1-Z | |
| | Q65110A2255 | LA A676-Q2T1-1-0-20-R33-Z | LA A676-Q2T1-1-Z | |
| | Q65110A6466 | LA A676-R1S2-1-0-20-R33-Z-SV | LA A676-R1S2-1-Z-SV | |
| | Q65110A8228 | LA A676-S2-1-0-20-R33-Z-BP | LA A676-S2-1-Z-BP | |
| | Q65110A8229 | LA A676-S1-1-0-20-R33-Z-BP | LA A676-S1-1-Z-BP | |
| | Q65111A1199 | LA A676-S2T2-1-1-20-R33-Z-XX | LA A676-S2T2-1-1-Z-XX | |
| | LA A67F | Q65110A6472 | LA A67F-V2AB-23-1-30-R33-Z-F | LA A67F-V2AB-23-Z-F |
| Q65110A6868 | | LA A67F-AAABA-23-1-30-R33-Z | LA A67F-AAABA-23-Z | |
| Q65110A6906 | | LA A67F-V2BA-34-1-30-R33-Z-SV | LA A67F-V2BA-34-Z-SV | |
| Q65110A6907 | | LA A67F-AAABA-34-1-30-R33-Z-SV | LA A67F-AAABA-34-Z-SV | |
| Q65110A7220 | | LA A67F-AAABB-24-0-30-R33-Z-F | LA A67F-AAABB-24-L-Z-F | |
| Q65110A8161 | | LA A67F-V2AB-34-1-30-R33-Z-HE | LA A67F-V2AB-34-1-Z-HE | |
| Q65110A8162 | | LA A67F-AAABA-23-1-30-R33-Z | LA A67F-AAABA-23-1-Z | |
| Q65110A8339 | | LA A67F-ABBB-24-1-30-R33-Z | LA A67F-ABBB-24-L-Z | |
| Q65110A8483 | | LA A67F-AAAB-34-1-30-R33-Z-JC | LA A67F-AAAB-34-Z-JC | |
| Q65110A8705 | | LA A67F-AAABA-24-1-30-R33-Z-VL | LA A67F-AAABA-24-1-Z-VL | |
| Q65110A8784 | | LA A67F-V2AB-24-1-30-R33-Z-VL | LA A67F-V2AB-24-1-Z-VL | |
| Q65110A8974 | | LA A67F-AAABA-24-1-30-R33-Z | LA A67F-AAABA-24-1-Z | |
| Q65110A8995 | | LA A67F-ABBB-34-1-30-R33-Z-VL | LA A67F-ABBB-34-1-Z-VL | |
| Q65110A9801 | | LA A67F-ABBB-24-1-30-R33-Z-AL | LA A67F-ABBB-24-1-Z-AL | |
| Q65110A9853 | | LA A67F-V2AB-24-1-30-R33-Z | LA A67F-V2AB-24-1-Z | |
| Q65111A0241 | | LA A67F-ABBB-24-1-30-R33-Z | LA A67F-ABBB-24-1-Z | |
| Q65111A0442 | | LA A67F-ABBB-34-1-30-R33-Z | LA A67F-ABBB-34-Z | |
| Q65111A0513 | | LA A67F-AAABB-24-1-30-R33-Z | LA A67F-AAABB-24-1 | |
| Q65111A2863 | | LA A67F-AAABA-34-1-30-R33-DL | LA A67F-AAABA-34-1-DL | |
| Q65111A4384 | | LA A67F-AAABA-34-1-30-R33-Z | LA A67F-AAABA-34-1-Z | |
| Q65111A4450 | | LA A67F-ABBB-3-1-30-R33-Z-HE | LA A67F-ABBB-3-1-L-Z-HE | |
| Q65111A4795 | | LA A67F-BABB-24-1-30-R33-Z-XX | LA A67F-BABB-24-1-L-XX | |
| Q65111A5811 | | LA A67F-ABBB-24-1-30-R33-Z-VAR | LA A67F-ABBB-24-1-Z-VAR | |
| Q65111A6267 | | LA A67F-V2AB-23-1-30-R33-Z-VAR | LA A67F-V2AB-23-1-Z-VAR | |
| Q65111A7128 | | LA A67F-ABBA-24-1-30-R33-Z-VEN | LA A67F-ABBA-24-1-Z-VEN | |
| Q65111A8826 | | LA A67F-ABBA-24-3B4B-30-R33-Z-HAN | LA A67F-ABBA-24-3B4B-Z-HAN | |
| Q65111A9340 | | LA A67F-ABBB-23-1-30-R33-Z-HE | LA A67F-ABBB-23-1-Z-HE | |
| Q65112A0690 | | LA A67F-ABBB-24-1-30-R33-Z-HE | LA A67F-ABBB-24-1-Z-HE | |
| Q65112A0691 | | LA A67F-AAABA-23-1-30-R33-Z-HE | LA A67F-AAABA-23-1-Z-HE | |
| Q65112A2127 | | LA A67F-ABBB-24-3A4B-30-R33-Z-LM | LA A67F-ABBB-24-3A4B-Z-LM | |
| LA T67D | | Q65110A9889 | LA T67D-U2AA-24-1-20-R18-Z | LA T67D-U2AA-24-1-Z |
| | | Q65111A3394 | LA T67D-U2V2-34-1-20-R18-Z-DL | LA T67D-U2V2-34-1-Z-DL |

| <i>Product</i> | <i>QNumber</i> | <i>QNumber Description</i> | <i>Part Number</i> | |
|----------------|----------------|-----------------------------------|-------------------------------|----------------------|
| LA T67D | Q65111A4262 | LA T67D-U2V2-24-1-20-R18-Z | LA T67D-U2V2-24-1-Z | |
| | Q65111A4287 | LA T67D-U2V2-34-1-20-R18-Z | LA T67D-U2V2-34-1-Z | |
| | Q65111A4880 | LA T67D-V1AA-24-1-20-R18-Z | LA T67D-V1AA-24-1 | |
| | Q65111A6009 | LA T67D-V1V2-24-1-20-R18-Z-HAN | LA T67D-V1V2-24-1-Z-HAN | |
| | Q65111A6321 | LA T67D-V1V2-34-1-20-R18-Z-DL | LA T67D-V1V2-34-1-Z-DL | |
| | Q65111A7149 | LA T67D-V1AA-34-1-20-R18-Z-XX | LA T67D-V1AA-34-1-XX | |
| | Q65111A8468 | LA T67D-V1V2-34-H3Q4-20-R18-Z-HAN | LA T67D-V1V2-34-H3Q4-HAN | |
| | Q65112A0594 | LA T67D-V1AA-23-1-20-R18-Z-SV | LA T67D-V1AA-23-1-SV | |
| LB A673 | Q65110A1948 | LB A673-L2N1-35-0-10-R33-Z | LB A673-L2N1-35-Z | |
| | Q65110A1949 | LB A673-M2P1-35-0-10-R33-Z | LB A673-M2P1-35-Z | |
| | Q65110A1950 | LB A673-L2P1-35-0-10-R33-Z | LB A673-L2P1-35-Z | |
| | Q65110A4796 | LB A673-N1P1-35-0-10-R33-Z | LB A673-N1P1-35-Z | |
| | Q65111A1316 | LB A673-M2N2-35-0-10-R33-Z | LB A673-M2N2-35-Z | |
| | Q65111A2608 | LB A673-M2N2-35-0-10-R33-Z-SV | LB A673-M2N2-35-Z-SV | |
| | Q65111A7989 | LB A673-L2M2-35-0-10-R33-Z-XX | LB A673-L2M2-35-L-XX | |
| LB A67C | Q65110A1608 | LB A67C-P2R1-35-0-20-R33-Z-SV | LB A67C-P2R1-35-L-Z-SV | |
| | Q65110A1850 | LB A67C-P2R1-35-0-20-R33-Z | LB A67C-P2R1-35-Z | |
| | Q65110A1851 | LB A67C-Q2S1-35-0-20-R33-Z | LB A67C-Q2S1-35-Z | |
| | Q65110A1972 | LB A67C-P2S1-35-0-20-R33-Z | LB A67C-P2S1-35-Z | |
| | Q65110A2953 | LB A67C-Q2R2-35-0-20-R33-Z | LB A67C-Q2R2-35-Z | |
| | Q65110A4818 | LB A67C-Q1R1-45-0-20-R33-Z-BP | LB A67C-Q1R1-45-Z-BP | |
| | Q65112A0987 | LB A67C-Q2S1-35-0-20-R33-Z-HE | LB A67C-Q2S1-35-Z-HE | |
| LG A676 | Q65110A8950 | LG A676-Q1Q2-24-0-20-R33-Z | LG A676-Q1Q2-24-Z | |
| | Q65110A9154 | LG A676-Q1R1-24-0-20-R33-Z-SV | LG A676-Q1R1-24-Z-SV | |
| | Q65111A6440 | LG A676-Q1R1-34-0-20-R33-Z | LG A676-Q1R1-34-L-Z | |
| LG A67K | Q65110A2289 | LG A67K-G2J1-24-0-2-R33-Z | LG A67K-G2J1-24-Z | |
| | Q65110A2290 | LG A67K-H2K1-24-0-2-R33-Z | LG A67K-H2K1-24-Z | |
| | Q65110A2291 | LG A67K-G2K1-24-0-2-R33-Z | LG A67K-G2K1-24-Z | |
| | Q65110A6991 | LG A67K-J1K1-24-0-2-R33-Z-SV | LG A67K-J1K1-24-Z-SV | |
| | Q65111A1794 | LG A67K-J1K1-23-0-2-R33-Z | LG A67K-J1K1-23-Z | |
| LO A676 | Q65110A0402 | LO A676-R1R2-24-0-20-R33-Z-SV | LO A676-R1R2-24-Z-SV | |
| | Q65110A0872 | LO A676-R1S2-24-0-20-R33-Z-SV | LO A676-R1S2-24-Z-SV | |
| | Q65110A2256 | LO A676-R1S2-24-0-20-R33-Z | LO A676-R1S2-24-Z | |
| | Q65110A2257 | LO A676-S1T1-24-0-20-R33-Z | LO A676-S1T1-24-Z | |
| | Q65110A2258 | LO A676-Q2T1-24-0-20-R33-Z | LO A676-Q2T1-24-Z | |
| | Q65110A3942 | LO A676-R2S2-23-0-20-R33-Z | LO A676-R2S2-23-Z | |
| | Q65110A4733 | LO A676-R1S2-34-0-20-R33-Z | LO A676-R1S2-34-Z | |
| | Q65110A4750 | LO A676-S1S2-34-0-20-R33-Z-JCB | LO A676-S1S2-34-Z-JCB | |
| | Q65110A4798 | LO A676-R2S2-34-0-20-R33-Z | LO A676-R2S2-34-Z | |
| | Q65110A7188 | LO A676-R1-34-0-20-R33-Z-BP | LO A676-R1-34-Z-BP | |
| | Q65110A7189 | LO A676-R2-34-0-20-R33-Z-BP | LO A676-R2-34-Z-BP | |
| | Q65110A7190 | LO A676-S1-34-0-20-R33-Z-BP | LO A676-S1-34-Z-BP | |
| | Q65111A8808 | LO A676-R1S1-34-0-20-R33-Z-XX | LO A676-R1S1-34-L-Z-XX | |
| | Q65112A0882 | LO A676-R2S2-34-0-20-R33-Z-HE | LO A676-R2S2-34-Z-HE | |
| | LO A67B | Q62703Q6017 | LO A67B-U1V1-24-0-30-R33-Z-SV | LO A67B-U1V1-24-Z-SV |
| | | Q65110A2307 | LO A67B-T2V1-24-0-30-R33-Z | LO A67B-T2V1-24-Z |
| | | Q65110A2948 | LO A67B-U1V1-24-0-30-R33-Z | LO A67B-U1V1-24-Z |
| Q65111A2627 | | LO A67B-T2U2-24-0-30-R33-Z | LO A67B-T2U2-24-Z | |
| LO A67F | Q65110A4867 | LO A67F-V2BB-24-1-30-R33-Z | LO A67F-V2BB-24-Z | |

| Product | QNumber | QNumber Description | Part Number |
|----------------|------------------------------|--------------------------------|-------------------------|
| LO A67F | Q65110A5364 | LO A67F-V2BA-34-1-30-R33-Z-HE | LO A67F-V2BA-34-Z-HE |
| | Q65111A0089 | LO A67F-AABA-23-1-30-R33-Z-VIS | LO A67F-AABA-23-Z-VIS |
| | Q65111A0368 | LO A67F-AABA-3-1-30-R33-Z-DL | LO A67F-AABA-3-Z-DL |
| | Q65111A1628 | LO A67F-AABA-23-1-30-R33-Z | LO A67F-AABA-23-Z |
| | Q65111A2368 | LO A67F-ABBB-3-1-30-R33-Z-DL | LO A67F-ABBB-3-L-Z-DL |
| | Q65111A2916 | LO A67F-ABBB-34-1-30-R33-Z-SV | LO A67F-ABBB-34-1-Z-SV |
| | Q65111A4676 | LO A67F-ABBB-24-1-30-R33-Z | LO A67F-ABBB-24-1-L-Z |
| Q65111A5348 | LO A67F-AAAB-3-1-30-R33-Z-DL | LO A67F-AAAB-3-1-Z-DL | |
| LO A67K | Q65110A4968 | LO A67K-K1L2-24-0-2-R33-Z | LO A67K-K1L2-24-Z |
| | Q65110A4969 | LO A67K-K1M2-24-0-2-R33-Z | LO A67K-K1M2-24-Z |
| | Q65110A4970 | LO A67K-L1M2-24-0-2-R33-Z | LO A67K-L1M2-24-Z |
| | Q65110A7989 | LO A67K-K1L2-34-0-2-R33-Z | LO A67K-K1L2-34-L-Z |
| Q65110A8611 | LO A67K-L1L2-34-0-2-R33-Z | LO A67K-L1L2-34-L-Z | |
| LO T67D | Q65110A9919 | LO T67D-U2AA-24-1-20-R18-Z | LO T67D-U2AA-24-1-Z |
| | Q65111A2934 | LO T67D-V1V2-34-1-20-R18-Z-XX | LO T67D-V1V2-34-Z-XX |
| | Q65111A3483 | LO T67D-U2AA-34-1-20-R18-Z-SV | LO T67D-U2AA-34-1-Z-SV |
| LP A675 | Q65110A1621 | LP A675-N1P2-34-0-30-R33-Z-SV | LP A675-N1P2-34-Z-SV |
| | Q65110A2310 | LP A675-N1P2-25-0-30-R33-Z | LP A675-N1P2-25-Z |
| | Q65110A4015 | LP A675-N1P2-3-0-30-R33-Z-XX | LP A675-N1P2-3-Z |
| | Q65110A4257 | LP A675-N1P2-25-0-30-R33-Z-AB | LP A675-N1P2-25-Z-AB |
| | Q65110A4823 | LP A675-N1N2-34-0-30-R33-Z-SV | LP A675-N1N2-34-Z-SV |
| | Q65110A5081 | LP A675-N1P2-34-0-30-R33-Z-HE | LP A675-N1P2-34-Z-HE |
| | Q65110A5788 | LP A675-N1P2-34-0-30-R33-Z | LP A675-N1P2-34-Z |
| | Q65110A6060 | LP A675-N1-34-0-30-R33-Z-BP | LP A675-N1-34-Z-BP |
| | Q65110A6061 | LP A675-N2-34-0-30-R33-Z-BP | LP A675-N2-34-Z-BP |
| | Q65110A6062 | LP A675-P1-34-0-30-R33-Z-BP | LP A675-P1-34-Z-BP |
| | Q65110A6568 | LP A675-N2P2-25-0-30-R33-Z-XX | LP A675-N2P2-25-Z-XX |
| | Q65110A8377 | LP A675-N2-3-0-30-R33-Z-BP | LP A675-N2-3-R33-Z-BP |
| | Q65110A8379 | LP A675-N1-4-0-30-R33-Z-BP | LP A675-N1-4-R33-Z-BP |
| | Q65110A8380 | LP A675-N2-4-0-30-R33-Z-BP | LP A675-N2-4-R33-Z-BP |
| | Q65110A8824 | LP A675-N2P2-34-0-30-R33-Z-XX | LP A675-N1P2-34-Z-XX |
| | Q65110A9728 | LP A675-P1P2-34-0-30-R33-Z | LP A675-P1P2-34-Z |
| | Q65110A9786 | LP A675-N1N2-34-0-30-R33-Z | LP A675-N1N2-34-L-Z |
| | Q65111A1522 | LP A675-N1N2-45-0-30-R33-Z | LP A675-N1N2-45-Z |
| | Q65111A5227 | LP A675-N1P1-25-0-30-R33-Z | LP A675-N1P1-25-Z |
| | Q65111A8467 | LP A675-N2P2-3-0-30-R33-Z-TW | LP A675-N2P2-3-L-Z-TW |
| Q65112A1471 | LP A675-N2P2-3-0-30-R33-Z-VL | LP A675-N2P2-3-VL | |
| LP A676 | Q65110A2286 | LP A676-L1M2-25-0-20-R33-Z | LP A676-L1M2-25-Z |
| | Q65110A3083 | LP A676-L2N1-34-0-20-R33-0-Z-B | LP A676-L2N1-34-Z |
| | Q65110A3320 | LP A676-M1M2-45-0-20-R33-Z | LP A676-M1M2-45-Z |
| | Q65110A4509 | LP A676-L1M1-35-0-20-R33-Z | LP A676-L1M1-35-Z |
| | Q65110A9336 | LP A676-L2M2-34-0-20-R33-Z-VIS | LP A676-L2M2-34-L-Z-VIS |
| | Q65111A6873 | LP A676-L2M2-34-0-20-R33-Z-XX | LP A676-L2M2-34-L-XX |
| | Q65111A9689 | LP A676-M2-25-0-20-R33-Z-VL | LP A676-M2-25-Z-VL |
| LP A67K | Q65110A2292 | LP A67K-E1F2-25-0-2-R33-Z | LP A67K-E1F2-25-Z |
| | Q65110A2293 | LP A67K-F1G2-25-0-2-R33-Z | LP A67K-F1G2-25-Z |
| | Q65110A2294 | LP A67K-E1G2-25-0-2-R33-Z | LP A67K-E1G2-25-Z |
| | Q65110A9998 | LP A67K-F1G2-34-0-2-R33-Z-VIS | LP A67K-F1G2-34-Z-VIS |
| LR A67F | Q65110A4729 | LR A67F-U2AB-1-1-30-R33-Z | LR A67F-U2AB-1-Z |

| <i>Product</i> | <i>QNumber</i> | <i>QNumber Description</i> | <i>Part Number</i> | |
|----------------|----------------|---------------------------------|------------------------------|-----------------------|
| LR A67F | Q65111A2607 | LR A67F-ABBB-1-1-30-R33-Z-AL | LR A67F-ABBB-1-1-Z-AL | |
| | Q65111A6467 | LR A67F-V2AB-1-1-30-R33-Z-XX | LR A67F-V2AB-1-1-30-L-XX | |
| | Q65111A9513 | LR A67F-AABA-1-1-30-R33-Z-XX | LR A67F-AABA-1-1-Z-XX | |
| LR T67D | Q65110A9920 | LR T67D-U1V2-1-1-20-R18-Z | LR T67D-U1V2-1-1-Z | |
| LS A676 | Q65110A0502 | LS A676-P2Q2-1-0-20-R33-Z-SV | LS A676-P2Q2-1-Z-SV | |
| | Q65110A1583 | LS A676-Q1R1-1-0-20-R33-Z-SV | LS A676-Q1R1-1-Z-SV | |
| | Q65110A1900 | LS A676-P2R1-1-0-20-R33-Z | LS A676-P2R1-1-Z | |
| | Q65110A2259 | LS A676-Q1R2-1-0-20-R33-Z | LS A676-Q1R2-1-Z | |
| | Q65110A2260 | LS A676-R1S1-1-0-20-R33-Z | LS A676-R1S1-1-Z | |
| | Q65110A2261 | LS A676-P2S1-1-0-20-R33-Z | LS A676-P2S1-1-Z | |
| | Q65110A3250 | LS A676-P1Q2-1-0-20-R33-Z-HAR | LS A676-P1Q2-1 | |
| | Q65110A4272 | LS A676-P2Q2-1-0-20-R33-Z | LS A676-P2Q2-1-Z | |
| | Q65110A4437 | LS A676-R1S1-1-0-20-R33-Z-SV | LS A676-R1S1-1-Z-SV | |
| | Q65110A4755 | LS A676-Q2R1-1-0-20-R33-Z-JCB | LS A676-Q2R1-1-Z-JCB | |
| | Q65110A4800 | LS A676-Q1R1-1-0-20-R33-Z | LS A676-Q1R1-1-Z | |
| | Q65110A5018 | LS A676-Q1R1-1-0-20-R33-Z-HE | LS A676-Q1R1-1-Z-HE | |
| | Q65110A5067 | LS A676-R1S2-1-0-20-R33-Z-HE | LS A676-R1S2-1-Z-HE | |
| | Q65110A5978 | LS A676-R1S1-1-0-20-R33-Z-BP | LS A676-R1S1-1-Z-BP | |
| | Q65110A7186 | LS A676-R2-1-0-20-R33-Z-BP | LS A676-R2-1-Z-BP | |
| | Q65111A0939 | LS A676-Q2R2-1-0-20-R33-Z | LS A676-Q2R2-1-0-Z | |
| | Q65111A6301 | LS A676-R1R2-1-0-20-R33-Z-JC | LS A676-R1R2-1-L-JC | |
| | Q65112A1180 | LS A676-R1R2-1-0-20-R33-Z-XX | LS A676-R1R2-1-XX | |
| | Q65112A1778 | LS A676-Q2R1-1-0-20-R33-Z-XX | LS A676-Q2R1-1-XX | |
| | LS A67B | Q65110A0484 | LS A67B-S2U1-1-0-30-R33-Z-SV | LS A67B-S2U1-1-Z-SV |
| | | Q65110A2308 | LS A67B-S2U1-1-0-30-R33-Z | LS A67B-S2U1-1-Z |
| | | Q65110A3389 | LS A67B-T1U1-1-0-30-R33-Z | LS A67B-T1U1-1-0-Z |
| | | Q65110A7569 | LS A67B-T1U1-1-0-30-R33-ZP | LS A67B-T1U1-1-L-ZP |
| | LS A67F | Q65110A4723 | LS A67F-U1AA-1-1-30-R33-Z | LS A67F-U1AA-1-Z |
| | | Q65110A5572 | LS A67F-U2AA-1-1-30-R33-Z-SV | LS A67F-U2AA-1-Z-SV |
| | | Q65110A6866 | LS A67F-U2AA-1-1-30-R33-Z | LS A67F-U2AA-1-Z |
| | | Q65110A6989 | LS A67F-V2AB-1-1-30-R33-Z-SV | LS A67F-V2AB-1-L-Z-SV |
| Q65110A6990 | | LS A67F-V1AB-1-1-30-R33-Z-SV | LS A67F-V1AB-1-L-Z-SV | |
| Q65111A1247 | | LS A67F-V2AB-1-1-30-R33-Z-JC | LS A67F-V2AB-1-L-Z-JC | |
| Q65111A1389 | | LS A67F-V1AA-1-1-30-R33-Z | LS A67F-V1AA-1-1-Z | |
| Q65111A2609 | | LS A67F-V1AB-1-1-30-R33-Z-HE | LS A67F-V1AB-1-1-Z-HE | |
| Q65111A3957 | | LS A67F-V2AB-1-1-30-R33-Z | LS A67F-V2AB-1-1-Z | |
| Q65111A4320 | | LS A67F-V2AB-1-1-30-R33-Z-B | LS A67F-V2AB-1-1-L-Z-B | |
| Q65111A5019 | | LS A67F-U2V2-1-0-R33-Z | LS A67F-U2V2-1-Z | |
| Q65111A5643 | | LS A67F-V1V2-1-0-30-R33-Z | LS A67F-V1V2-1 | |
| Q65111A6872 | | LS A67F-V2AB-1-1-30-R33-Z-AL | LS A67F-V2AB-1-1-Z-AL | |
| Q65111A7100 | | LS A67F-V2AB-1-1-30-R33-Z-VEN | LS A67F-V2AB-1-1-Z-VEN | |
| Q65111A7721 | | LS A67F-V1AA-67-1-30-R33-Z-AL | LS A67F-V1AA-67-1-Z-AL | |
| Q65111A8821 | | LS A67F-AABA-1-1-30-R33-Z-SK | LS A67F-AABA-1-L-Z-SK | |
| Q65112A0689 | | LS A67F-V2AB-1-1-30-R33-Z-HE | LS A67F-V2AB-1-1-Z-HE | |
| Q65112A0988 | | LS A67F-V2AA-1-3A4B-30-R33-Z-HE | LS A67F-V2AA-1-3A4B-Z-HE | |
| Q65112A1388 | | LS A67F-V2AA-1-3A4B-30-R33-Z-LM | LS A67F-V2AA-1-3A4B-Z-LM | |
| Q65112A1743 | | LS A67F-U2AB-1-3A4B-30-R33-Z | LS A67F-U2AB-1-3A4B | |
| Q65112A2190 | | LS A67F-V2AB-1-1-30-R33-Z-BAY | LS A67F-V2AB-1-1-L-Z-BAY | |
| LS A67K | | Q65110A2016 | LS A67K-J1K2-1-0-2-R33-Z | LS A67K-J1K2-1-Z |

| <i>Product</i> | <i>QNumber</i> | <i>QNumber Description</i> | <i>Part Number</i> |
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| LS A67K | Q65110A2017 | LS A67K-K1L2-1-0-2-R33-Z | LS A67K-K1L2-1-Z |
| | Q65110A2018 | LS A67K-J1L2-1-0-2-R33-Z | LS A67K-J1L2-1-Z |
| | Q65110A6064 | LS A67K-K2-1-0-2-R33-Z-BP | LS A67K-K2-1-Z-BP |
| | Q65110A6065 | LS A67K-K1-1-0-2-R33-Z-BP | LS A67K-K1-1-Z-BP |
| | Q65110A7236 | LS A67K-J2K2-1-0-2-R33-Z-TW | LS A67K-J2K2-1-Z-TW |
| | Q65111A1525 | LS A67K-K1L1-1-0-2-R33-Z-SV | LS A67K-K1L1-1-0-2-R33-Z-SV |
| | Q65111A4601 | LS A67K-J2K2-1-0-2-R33-Z-KS | LS A67K-J2K2-1-KS |
| | Q65111A7696 | LS A67K-J2K2-1-0-2-R33-Z | LS A67K-J2K2-1-L-Z |
| LS T67D | Q65110A9896 | LS T67D-T2V1-1-1-20-R18-Z | LS T67D-T2V1-1-1-Z |
| | Q65111A3281 | LS T67D-T2V1-1-1-20-R18-Z-SV | LS T67D-T2V1-1-1-Z-SV |
| | Q65111A4106 | LS T67D-T2U2-1-1-20-R18-Z-TW | LS T67D-T2U2-1-1-Z-TW |
| | Q65111A4768 | LS T67D-T2U2-1-1-20-R18-Z-VL | LS T67D-T2U2-1-1-Z-VL |
| | Q65111A4939 | LS T67D-U1U2-1-1-20-R18-Z-XX | LS T67D-U1U2-1-1-Z-XX |
| | Q65111A5238 | LS T67D-T2U1-1-1-20-R18-Z-VIS | LS T67D-T2U1-1-1-Z-VIS |
| LT A673 | Q65111A6789 | LS T67D-T2U1-1-1-20-R18-Z-MM | LS T67D-T2U1-1-1-MM |
| | Q65110A1960 | LT A673-P1Q2-25-0-10-R33-Z | LT A673-P1Q2-25-Z |
| | Q65110A1961 | LT A673-Q1R2-25-0-10-R33-Z | LT A673-Q1R2-25-Z |
| | Q65110A1962 | LT A673-N2S1-25-0-10-R33-Z | LT A673-N2S1-25-Z |
| | Q65110A4055 | LT A673-Q1R1-34-0-10-R33-Z | LT A673-Q1R1-34-Z |
| | Q65110A6111 | LT A673-Q2R1-45-0-10-R33-Z | LT A673-Q2R1-45-L |
| | Q65110A7911 | LT A673-P1Q2-35-0-10-R33-Z | LT A673-P1Q2-35-Z |
| LT A67C | Q65112A0106 | LT A673-Q2R2-34-0-10-R33-Z-XX | LT A673-Q2R2-34-XX |
| | Q65110A1865 | LT A67C-T2V1-35-0-20-R33-Z | LT A67C-T2V1-35-Z |
| | Q65110A1980 | LT A67C-S2V1-35-0-20-R33-Z | LT A67C-S2V1-35-Z |
| | Q65110A2952 | LT A67C-T2U2-35-0-20-R33-Z | LT A67C-T2U2-35-Z |
| | Q65111A5200 | LT A67C-U1-4-0-20-R33-Z-XX | LT A67C-U1-4-XX |
| | Q65111A7198 | LT A67C-T1U1-34-0-20-R33-Z | LT A67C-T1U1-34-R33-Z |
| LW A673 | Q65110A2565 | LW A673-Q1R1-56K-0-10-R33-Z-SV | LW A673-Q1R1-56K-Z-SV |
| | Q65110A5405 | LW A673-Q2R2-7K7L-0-10-R33-Z-SV | LW A673-Q2R2-7K7L-Z-SV |
| | Q65110A5406 | LW A673-Q2R2-5K6L-0-10-R33-Z-SV | LW A673-Q2R2-5K6L-Z-SV |
| | Q65110A6603 | LW A673-L2N1-8K8L-0-2-R33-Z-SV | LW A673-L2N1-8K8L-0-2-Z-SV |
| | Q65110A6806 | LW A673-Q1R1-7L8L-0-10-R33-Z-SV | LW A673-Q1R1-7L8L-Z-SV |
| | Q65111A2075 | LW A673-P1S1-FKPL-0-10-R33-Z | LW A673-P1S1-FKPL-Z |
| | Q65111A2367 | LW A673-Q2R1-JMK-0-10-R33-Z | LW A673-Q2R1-JMK-L-Z |
| | Q65111A2862 | LW A673-Q2R2-OQL-0-10-R33-Z-TW | LW A673-Q2R2-OQL-Z-TW |
| | Q65111A4430 | LW A673-Q1R1-LML-0-10-R33-Z-DL | LW A673-Q1R1-LML-L-DL |
| | Q65111A4451 | LW A673-Q2R2-HKJL-0-10-R33-Z-DL | LW A673-Q2R2-HKJL-L-Z-DL |
| | Q65111A4598 | LW A673-Q1R1-KLL-0-10-R33-Z-DL | LW A673-Q1R1-KLL-DL |
| | Q65111A5020 | LW A673-Q2R2-KLL-0-10-R33-Z-TW | LW A673-Q2R2-KLL-L-Z-TW |
| | Q65111A5262 | LW A673-Q1R1-JKML-0-10-R33-Z-KS | LW A673-Q1R1-JKML-L-Z-KS |
| | Q65111A5724 | LW A673-Q1R1-JKML-0-10-R33-Z | LW A673-Q1R1-JKML-Z |
| | Q65111A5942 | LW A673-R1S1-MKNL-0-10-R33-Z-HE | LW A673-R1S1-MKNL-L-Z-HE |
| | Q65111A5993 | LW A673-Q2S1-JKML-0-10-R33-Z | LW A673-Q2S1-JKML-L-Z |
| | Q65111A6070 | LW A673-Q1R1-LKML-0-10-R33-Z | LW A673-Q1R1-LKML-Z |
| | Q65111A6071 | LW A673-Q2R2-JKML-0-10-R33-Z | LW A673-Q2R2-JKML-Z |
| | Q65111A6147 | LW A673-Q2R2-JLKL-0-10-R33-Z | LW A673-Q2R2-JLKL-Z |
| | Q65111A6239 | LW A673-Q2R2-NKOL-0-10-R33-Z-PRE | LW A673-Q2R2-NKOL-L-Z-PRE |
| | Q65111A6240 | LW A673-Q1R1-NKOL-0-10-R33-Z-PRE | LW A673-Q1R1-NKOL-L-Z-PRE |
| Q65111A6241 | LW A673-Q1R1-JKKL-0-10-R33-Z-PRE | LW A673-Q1R1-JKKL-L-Z-PRE | |

| Product | QNumber | QNumber Description | Part Number | |
|----------------|----------------|-----------------------------------|-------------------------------|----------------------|
| LW A673 | Q65111A6287 | LW A673-Q2R2-KKLL-0-10-R33-Z-VIS | LW A673-Q2R2-KKLL-L-Z-VIS | |
| | Q65111A6580 | LW A673-Q1Q2-HJK-0-10-R33-Z-XX | LW A673-Q1Q2-HJK-L-Z-XX | |
| | Q65111A7344 | LW A673-Q2R1-HKL-0-10-R33-Z-VIS | LW A673-Q2R1-HKL-Z-VIS | |
| | Q65111A7744 | LW A673-Q1R2-MNL-0-10-R33-Z-SV | LW A673-Q1R2-MNL-Z-SV | |
| | Q65111A7822 | LW A673-P1S1-FK0PM0-0-10-R33-Z | LW A673-P1S1-FK0PM0 | |
| | Q65111A8006 | LW A673-Q1R1-KLL-0-10-R33-Z-XX | LW A673-Q1R1-KLL-XX | |
| | Q65111A8210 | LW A673-Q1R1-JKLL-0-10-R33-Z | LW A673-Q1R1-JKLL-Z | |
| | Q65111A8754 | LW A673-Q2S1-HILO-0-10-R33-Z-XX | LW A673-Q2S1-HILO-XX | |
| | Q65111A9974 | LW A673-Q2R1-HKK-0-10-R33-VI | LW A673-Q2R1-HKK-VI | |
| | Q65112A0237 | LW A673-Q1R1-KK0NLO-0-10-R33-Z-VL | LW A673-Q1R1-KK0NLO-Z-VL | |
| | Q65112A0688 | LW A673-Q1R1-JKML-0-10-R33-Z-HE | LW A673-Q1R1-JKML-Z-HE | |
| | Q65112A1369 | LW A673-P1S1-FK0PN0-0-10-R33-Z | LW A673-P1S1-FK0PN0 | |
| | Q65112A1398 | LW A673-P1S1-FK1NN1-0-10-R33-Z-XX | LW A673-P1S1-FK1NN1-L-Z-XX | |
| | Q65112A1432 | LW A673-P1S1-FK2NM2-0-10-R33-Z-XX | LW A673-P1S1-FK2NM2-L-Z-XX | |
| | Q65112A1468 | LW A673-P1S1-FK3PM3-0-10-R33-Z-XX | LW A673-P1S1-FK3PM3-L-Z-XX | |
| | Q65112A1541 | LW A673-Q1R2-FGL0-0-10-R33-Z-XX | LW A673-Q1R2-FGL0-XX | |
| | LW A67C | Q65110A1928 | LW A67C-T2U2-5K8L-0-20-R33-Z | LW A67C-T2U2-5K8L-Z |
| Q65110A1929 | | LW A67C-S2U2-5K8L-0-20-R33-Z | LW A67C-S2U2-5K8L-Z | |
| Q65110A2566 | | LW A67C-T2U2-5K6L-0-20-R33-Z | LW A67C-T2U2-5K6L-0-Z | |
| Q65110A3821 | | LW A67C-T2U2-6K6L-0-20-R33-Z-SV | LW A67C-T2U2-6K6L-Z-SV | |
| Q65110A3939 | | LW A67C-U1U2-45L-0-20-R33-Z | LW A67C-U1U2-45L-Z | |
| Q65110A4925 | | LW A67C-T2U2-7K8K-0-20-R33-Z | LW A67C-T2U2-7K8K-Z | |
| Q65110A5483 | | LW A67C-T2U2-6K7L-0-20-R33-Z-SV | LW A67C-T2U2-6K7L-Z-SV | |
| Q65110A6602 | | LW A67C-T2U2-67L-0-20-R33-Z | LW A67C-T2U2-67L-Z | |
| Q65110A7221 | | LW A67C-T2U2-4L6L-0-20-R33-Z-SV | LW A67C-T2U2-4L6L-Z-SV | |
| Q65110A7625 | | LW A67C-T2-6K-0-20-R33-Z-BP | LW A67C-T2-6K-Z-BP | |
| Q65110A7626 | | LW A67C-T2-6L-0-20-R33-Z-BP | LW A67C-T2-6L-Z-BP | |
| Q65110A7627 | | LW A67C-U1-6K-0-20-R33-Z-BP | LW A67C-U1-6K-Z-BP | |
| Q65110A7628 | | LW A67C-U1-6L-0-20-R33-Z-BP | LW A67C-U1-6L-Z-BP | |
| Q65110A7629 | | LW A67C-U2-6K-0-20-R33-Z-BP | LW A67C-U2-6K-Z-BP | |
| Q65110A7634 | | LW A67C-U2-6L-0-20-R33-Z-BP | LW A67C-U2-6L-Z-BP | |
| Q65110A8140 | | LW A67C-T1U2-56L-0-20-R33-Z | LW A67C-T1U2-56L-Z | |
| Q65110A9359 | | LW A67C-T1U2-5K-0-20-R33-Z-HE | LW A67C-T1U2-5K-Z-HE | |
| Q65111A4267 | | LW A67C-T2U2-8K8L-0-20-R33-Z-HE | LW A67C-T2U2-8K8L-L-Z-HE | |
| Q65111A6555 | | LW A67C-T2U2-7L8L-0-20-R33-Z-XX | LW A67C-T2U2-7L8L-L-XX | |
| Q65111A7346 | | LW A67C-T2U2-5L-0-20-R33-Z-XX | LW A67C-T2U2-5L-L-XX | |
| Q65111A7820 | | LW A67C-T1U2-JK0PM0-0-20-R33-Z | LW A67C-T1U2-JK0PM0 | |
| Q65111A7821 | | LW A67C-S2U1-FK0KM0-0-20-R33-Z | LW A67C-S2U1-FK0KM0 | |
| Q65111A8768 | | LW A67C-T2U2-JL0-0-20-R33-Z-KS | LW A67C-T2U2-JL0-L-KS | |
| Q65112A0138 | | LW A67C-T2U2-IL0-0-20-R33-Z-KS | LW A67C-T2U2-IL0-L-Z-KS | |
| Q65112A1368 | | LW A67C-S2U2-FK0PN0-0-20-R33-Z | LW A67C-S2U2-FK0PN0 | |
| Q65112A1397 | | LW A67C-S2V1-FK1NN1-0-20-R33-Z-XX | LW A67C-S2V1-FK1NN1-L-Z-XX | |
| Q65112A1431 | | LW A67C-S2V1-FK2NM2-0-20-R33-Z-XX | LW A67C-S2V1-FK2NM2-L-Z-XX | |
| Q65112A1469 | | LW A67C-S2V1-FK3PM3-0-20-R33-Z-XX | LW A67C-S2V1-FK3PM3-L-Z-XX | |
| LY A676 | | Q62703Q6053 | LY A676-Q1R2-4-0-20-R33-Z-SV | LY A676-Q1R2-4-Z-SV |
| | | Q62703Q6146 | LY A676-Q1R2-36-0-20-R33-Z-SV | LY A676-Q1R2-36-Z-SV |
| | Q65110A0172 | LY A676-Q1R1-4-0-20-R33-Z-SV | LY A676-Q1R1-4-Z-SV | |
| | Q65110A0576 | LY A676-R1S2-4-0-20-R33-Z-SV | LY A676-R1S2-4-Z-SV | |
| | Q65110A1899 | LY A676-Q1R2-45-0-20-R33-Z | LY A676-Q1R2-45-Z | |

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| LY A676 | Q65110A2262 | LY A676-R1S2-26-0-20-R33-Z | LY A676-R1S2-26-Z | |
| | Q65110A2263 | LY A676-S1T1-26-0-20-R33-Z | LY A676-S1T1-26-Z | |
| | Q65110A2264 | LY A676-Q2T1-26-0-20-R33-Z | LY A676-Q2T1-26-Z | |
| | Q65110A2990 | LY A676-S1T1-45-0-20-R33-Z | LY A676-S1T1-45 | |
| | Q65110A3088 | LY A676-Q2S1-34-0-20-R33-Z | LY A676-Q2S1-34-Z | |
| | Q65110A3222 | LY A676-R1R2-56-0-20-R33-Z-DL | LY A676-R1R2-56-Z | |
| | Q65110A3302 | LY A676-P2Q2-4-0-10-R33-Z-HAR | LY A676-P2Q2-4-Z | |
| | Q65110A3328 | LY A676-Q2R1-45-0-20-R33-Z | LY A676-Q2R1-45-Z | |
| | Q65110A3377 | LY A676-S1T1-4-0-20-R33-Z-SV | LY A676-S1T1-4-Z-SV | |
| | Q65110A3424 | LY A676-Q1R2-4-0-20-R33-Z | LY A676-Q1R2-4-Z | |
| | Q65110A3790 | LY A676-Q2R2-4-0-20-R33-ZR-MM | LY A676-Q2R2-4-Z | |
| | Q65110A3915 | LY A676-R1S2-46-0-20-R33-Z | LY A676-R1S2-46-Z | |
| | Q65110A4090 | LY A676-Q2S1-4-0-20-R33-Z | LY A676-Q2S1-4-Z | |
| | Q65110A4275 | LY A676-Q1R2-26-0-20-R33-Z | LY A676-Q1R2-26-Z | |
| | Q65110A4768 | LY A676-R2S1-26-0-20-R33-Z-JCB | LY A676-R2S1-26-Z-JCB | |
| | Q65110A4910 | LY A676-R1R2-26-0-20-R33-Z | LY A676-R1R2-26-Z | |
| | Q65110A5083 | LY A676-Q1R2-4-0-20-R33-Z-HE | LY A676-Q1R2-4-Z-HE | |
| | Q65110A5543 | LY A676-Q2R2-4-0-20-R33-Z | LY A676-Q2R2-4-L-Z | |
| | Q65110A6161 | LY A676-R1S2-4-0-20-R33-Z-HE | LY A676-R1S2-4-Z-HE | |
| | Q65110A6204 | LY A676-Q2R2-26-0-20-R33-Z | LY A676-Q2R2-26-Z | |
| | Q65110A8224 | LY A676-S2-45-0-20-R33-Z-BP | LY A676-S2-45-Z-BP | |
| | Q65110A8225 | LY A676-S1-45-0-20-R33-Z-BP | LY A676-S1-45-Z-BP | |
| | Q65111A0658 | LY A676-R2S2-4-0-20-R33-Z-VL | LY A676-R2S2-4-Z-VL | |
| | Q65111A1417 | LY A676-R2T1-4-0-20-R33-Z-HE | LY A676-R2T1-4-Z-HE | |
| | Q65111A3853 | LY A676-R1S1-23-0-20-R33-Z-DL | LY A676-R1S1-23-L-Z-DL | |
| | Q65111A6041 | LY A676-S1-35-0-20-R33-Z-JC | LY A676-S1-35-L-Z-JC | |
| | Q65111A6300 | LY A676-S1S2-35-0-20-R33-Z-JC | LY A676-S1S2-35-L-Z-JC | |
| | Q65112A2198 | LY A676-R1T1-26-0-20-R33-Z | LY A676-R1T1-26 | |
| | Q65112A2403 | LY A676-R1S1-4-0-20-R33-Z-SV | LY A676-R1S1-4-L-Z-SV | |
| | LY A67B | Q65110A2309 | LY A67B-T1V1-26-0-30-R33-Z | LY A67B-T1V1-26-Z |
| | | Q65110A3901 | LY A67B-U1V1-46-0-30-R33-Z | LY A67B-U1V1-46-Z |
| | | Q65110A4065 | LY A67B-T2V1-46-0-30-R33-Z | LY A67B-T2V1-46-Z |
| | | Q65110A4427 | LY A67B-S2T2-34-0-30-R33-Z | LY A67B-S2T2-34-Z |
| Q65110A4511 | | LY A67B-T1V1-34-0-30-R33-Z | LY A67B-T1V1-34-Z | |
| Q65110A4527 | | LY A67B-T2V1-46-0-30-R33-Z-JC | LY A67B-T2V1-46-Z-JC | |
| Q65110A4873 | | LY A67B-U1V1-26-0-30-R33-Z | LY A67B-U1V1-26-Z | |
| Q65110A4874 | | LY A67B-T2U2-26-0-30-R33-Z | LY A67B-T2U2-26-Z | |
| Q65110A5561 | | LY A67B-T1U1-34-0-30-R33-Z | LY A67B-T1U1-34-Z | |
| Q65110A5792 | | LY A67B-T2V1-56-0-30-R33-Z | LY A67B-T2V1-56-Z | |
| Q65110A5793 | | LY A67B-T1V1-45-0-30-R33-Z | LY A67B-T1V1-45-Z | |
| Q65110A6711 | | LY A67B-U1U2-3-0-30-R33-Z | LY A67B-U1U2-3-Z | |
| Q65110A6725 | | LY A67B-U1V1-45-0-30-R33-Z-F | LY A67B-U1V1-45-Z-F | |
| Q65111A0053 | | LY A67B-U1V1-45-0-30-R33-Z | LY A67B-U1V1-45-Z | |
| Q65112A0881 | | LY A67B-U1V1-26-0-30-R33-Z-HE | LY A67B-U1V1-26-Z-HE | |
| LY A67F | | Q65110A4722 | LY A67F-U2AB-36-1-30-R33-Z | LY A67F-U2AB-36-Z |
| | | Q65110A6205 | LY A67F-V1AB-45-1-30-R33-Z-HE | LY A67F-V1AB-45-Z-HE |
| | | Q65110A6206 | LY A67F-V2AB-45-1-30-R33-Z-SV | LY A67F-V2AB-45-Z-SV |
| | | Q65110A6413 | LY A67F-U2AB-56-1-30-R33-Z | LY A67F-U2AB-56-Z |
| | | Q65110A6950 | LY A67F-V2AB-45-1-30-R33-Z | LY A67F-V2AB-45-Z |

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| LY A67F | Q65110A7547 | LY A67F-V2AB-4-1-30-R33-Z-XX | LY A67F-V2AB-4-Z-XX |
| | Q65110A7726 | LY A67F-U2V2-35-1-30-R33-Z | LY A67F-U2V2-35-L-Z |
| | Q65110A7804 | LY A67F-V2AB-56-1-30-R33-Z | LY A67F-V2AB-56-Z |
| | Q65110A8218 | LY A67F-V2AB-56-0-30-R33-Z-VAR | LY A67F-V2AB-56-0-Z-VAR |
| | Q65110A8370 | LY A67F-V1AA-34-1-30-R33-Z-JC | LY A67F-V1AA-34-L-Z-JC |
| | Q65110A8951 | LY A67F-V1AB-3M-0-30-R33-Z-M | LY A67F-V1AB-3M-Z-M |
| | Q65111A1043 | LY A67F-AABB-45-1-30-R33-Z-KS | LY A67F-AABB-45-1-Z-KS |
| | Q65111A1283 | LY A67F-V1AB-34-1-30-R33-Z-M | LY A67F-V1AB-34-Z-M |
| | Q65111A1425 | LY A67F-V1AB-4-1-30-R33-Z-HE | LY A67F-V1AB-4-Z-HE |
| | Q65111A1515 | LY A67F-AABA-45-1-30-R33-Z-XX | LY A67F-AABA-45-1-Z-XX |
| | Q65111A1807 | LY A67F-V2AB-34-1-30-R33-Z-XX | LY A67F-V2AB-34-Z-XX |
| | Q65111A2344 | LY A67F-AAAB-56-1-30-R33-Z-XX | LY A67F-AAAB-56-1-Z-XX |
| | Q65111A2791 | LY A67F-V1AA-45-1-30-R33-Z-DL | LY A67F-V1AA-45-Z-DL |
| | Q65111A2861 | LY A67F-V1AA-34-1-30-R33-DL | LY A67F-V1AA-34-DL |
| | Q65111A3005 | LY A67F-ABBB-45-1-30-R33-Z-XX | LY A67F-ABBB-45-1-Z-XX |
| | Q65111A4187 | LY A67F-AABA-4-1-30-R33-Z-HE | LY A67F-AABA-4-1-HE |
| | Q65111A4796 | LY A67F-AABA-56-1-30-R33-Z | LY A67F-AABA-56-1-Z |
| | Q65111A6196 | LY A67F-ABBB-56-1-30-R33-Z | LY A67F-ABBB-56-1-Z |
| | Q65111A7928 | LY A67F-V1BA-4-1-30-R33-Z-XX | LY A67F-V1BA-4-1-L-XX |
| | Q65111A9045 | LY A67F-AAAB-45-1-30-R33-Z-HE | LY A67F-AAAB-45-1-L-HE |
| | LY A67K | Q65110A2065 | LY A67K-J2L1-26-0-2-R33-Z |
| Q65110A2066 | | LY A67K-K2M1-26-0-2-R33-Z | LY A67K-K2M1-26-Z |
| Q65110A2067 | | LY A67K-J2M1-26-0-2-R33-Z | LY A67K-J2M1-26-Z |
| Q65110A4041 | | LY A67K-K2L2-26-0-2-R33-Z-F | LY A67K-K2L2-26-Z |
| Q65110A6177 | | LY A67K-K1L2-4-0-2-R33-Z | LY A67K-K1L2-4-Z |
| Q65110A6383 | | LY A67K-K1K2-45-0-2-R33-Z | LY A67K-K1K2-45-Z |
| Q65111A1140 | | LY A67K-K1L1-46-0-2-R33-Z | LY A67K-K1L1-46-Z |
| Q65111A1430 | | LY A67K-K2L2-4-0-2-R33-Z-VL | LY A67K-K2L2-4-Z-VL |
| LY T67D | Q65110A9898 | LY T67D-U1V2-36-1-20-R18-Z | LY T67D-U1V2-36-1-Z |
| | Q65111A2321 | LY T67D-U1V2-34-1-20-R18-Z-SV | LY T67D-U1V2-34-1-Z-SV |
| | Q65111A3511 | LY T67D-U2V2-45-1-20-R18-Z-DL | LY T67D-U2V2-45-1-Z-DL |
| | Q65111A4220 | LY T67D-U2V2-56-1-20-R18-Z | LY T67D-U2V2-56-1-Z |
| | Q65111A5032 | LY T67D-U2V2-45-1-20-R18-Z | LY T67D-U2V2-45-1-Z |
| | Q65111A5107 | LY T67D-V1V2-45-1-20-R18-Z-JC | LY T67D-V1V2-45-1-Z-JC |
| | Q65111A5387 | LY T67D-U2V2-34-1-20-R18-Z-XX | LY T67D-U2V2-34-1-Z-XX |
| | Q65111A6790 | LY T67D-U1U2-36-1-20-R18-Z-MM | LY T67D-U1U2-36-1-MM |
| | Q65111A7535 | LY T67D-V1V2-45-1-20-R18-Z-DL | LY T67D-V1V2-45-1-DL |
| | Q65111A9229 | LY T67D-U2V2-35-1-20-R18-Z-VIS | LY T67D-U2V2-35-1-Z-VIS |
| | Q65112A1196 | LY T67D-V1V2-45-1-20-R18-XX | LY T67D-V1V2-45-1-XX |
| | Q65112A1755 | LY T67D-U1V2-4-1-20-R18-Z-SV | LY T67D-U1V2-4-1-Z-SV |
| | SFH 320 | Q65110A2469 | SFH 320-3-Z |
| Q65110A2471 | | SFH 320-Z | SFH 320-Z |
| Q65110A2509 | | SFH 320-3/4 R33-Z | SFH 320-3/4-Z |
| Q65110A2510 | | SFH 320-4-Z | SFH 320-4-Z |
| SFH 320FA | Q65110A1836 | SFH 320 FA-4-Z | SFH 320 FA-4-Z |
| | Q65110A2472 | SFH 320 FA-Z | SFH 320 FA-Z |
| | Q65110A2507 | SFH 320 FA-3 R33-Z | SFH 320 FA-3-Z |
| | Q65110A2508 | SFH 320 FA-3/4 R33-Z | SFH 320 FA-3/4-Z |
| | Q65110A2511 | SFH 320FA-3/4 E9544-Z | SFH 320FA-3/4 E9544-Z |

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| SFH 320FA | Q65111A0002 | SFH 320 FA-4 R33-Z | SFH 320 FA-4 R33-Z |
| SFH 320FAG | Q65110A7228 | SFH 320 FAG-3/4-Z | SFH 320 FAG-3/4-Z |
| | Q65110A7489 | SFH 320 FAG-3-Z | SFH 320 FAG-3-Z |
| | Q65110A7598 | SFH 320 FAG-4 E9551-Z | SFH 320 FAG-4 E9551-Z |
| SFH 320G | Q65110A6837 | SFH 320G-3-Z | SFH 320G-3-Z |
| | Q65110A6838 | SFH 320G-4-Z | SFH 320G-4-Z |
| | Q65110A6839 | SFH 320G-3/4-Z | SFH 320G-3/4-Z |
| SFH 325 | Q65110A2484 | SFH 325-4-Z | SFH 325-4-Z |
| | Q65110A2486 | SFH 325-Z | SFH 325-Z |
| | Q65110A2488 | SFH 325-3-Z | SFH 325-3-Z |
| | Q65110A2491 | SFH 325-3/4-Z | SFH 325-3/4-Z |
| SFH 325FA | Q65110A2482 | SFH 325 FA-3-Z | SFH 325 FA-3-Z |
| | Q65110A2485 | SFH 325 FA-4-Z | SFH 325 FA-4-Z |
| | Q65110A2487 | SFH 325 FA-Z | SFH 325 FA-Z |
| | Q65110A2490 | SFH 325 FA-3/4-Z | SFH 325 FA-3/4-Z |
| | Q65110A3506 | SFH 325 FA -3/4A-Z | SFH 325 FA -3/4A-Z |
| | Q65111A6157 | SFH 325FA-3B4B-XX | SFH 325FA-3B4B-XX |
| SFH 325FAG | Q65110A6841 | SFH 325 FAG-3/4-Z | SFH 325 FAG-3/4-Z |
| | Q65110A6842 | SFH 325 FAG-Z | SFH 325 FAG-Z |
| | Q65111A2812 | SFH 325 FAG-4-Z | SFH 325 FAG-4-Z |
| SFH 325G | Q65110A6840 | SFH 325G-3-Z | SFH 325G-3-Z |
| | Q65110A6843 | SFH 325G-4-Z | SFH 325G-4-Z |
| SFH 4240 | Q65110A7513 | SFH 4240-Z | SFH 4240-Z |
| SFH 4243 | Q65110A7515 | SFH 4243-Z | SFH 4243-Z |
| | Q65110A8012 | SFH 4243-Q2R1-Z-XX | SFH 4243-Q2R1-Z-XX |
| | Q65111A3541 | SFH 4243-Q2R2 E9443 | SFH 4243-Q2R2 E9443 |
| | Q65111A3542 | SFH 4243-Q2R1 E9443 | SFH 4243-Q2R1 E9443 |
| | Q65111A4887 | SFH 4243-Q1R2 | SFH 4243-Q1R2 |
| | Q65111A9970 | SFH 4243-Q2R1 R33 | SFH 4243-Q2R1 R33 |
| SFH 4243 E9581 | Q65111A0898 | SFH 4243 E9581 | SFH 4243 E9581 |
| SFH 4243 E9593 | Q65111A6952 | SFH 4243 E9593 | SFH 4243 E9593 |
| SFH 4244 | Q65110A7516 | SFH 4244-Z | SFH 4244-Z |
| | Q65110A8011 | SFH 4244-Q2R2-Z-XX | SFH 4244-Q2R2-Z-XX |
| | Q65110A8753 | SFH 4244-QR-Z | SFH 4244-QR-Z |
| | Q65111A6335 | SFH 4244-Q2R1-XX | SFH 4244-Q2R1-XX |
| SFH 4250 | Q65110A2465 | SFH 4250-Z | SFH 4250-Z |
| | Q65110A7238 | SFH 4250-R2S-Z | SFH 4250-R2S-Z |
| | Q65111A2957 | SFH 4250-S | SFH 4250-S |
| SFH 4250S | Q65111A0128 | SFH 4250S | SFH 4250S |
| | Q65111A0739 | SFH 4250S-R2S | SFH 4250S-R2S |
| | Q65111A1300 | SFH 4250S-ST | SFH 4250S-ST |
| | Q65111A9686 | SFH 4250S-S | SFH 4250S-S |
| SFH 4253 | Q65110A6657 | SFH 4253-Z | SFH 4253-Z |
| | Q65111A9684 | SFH 4253-R | SFH 4253-R |
| SFH 4255 | Q65110A2467 | SFH 4255-Z | SFH 4255-Z |
| | Q65111A1998 | SFH 4255-XX | SFH 4255-XX |
| | Q65111A9683 | SFH 4255-S | SFH 4255-S |
| SFH 4256 | Q65111A3182 | SFH 4256 | SFH 4256 |
| | Q65111A9682 | SFH 4256-R | SFH 4256-R |

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| SFH 4257 | Q65110A2466 | SFH 4257-Z | SFH 4257-Z |
| | Q65111A4941 | SFH 4257-Q | SFH 4257-Q |