



Integrated Device Technology, Inc.  
6024 Silver Creek Valley Road  
San Jose, CA 96138

## PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: **W1602-01** DATE **February 19, 2016**

Product Affected: Refer to affected parts list on attachment II

MEANS OF DISTINGUISHING CHANGED DEVICES:

- ☒ Product Mark New orderable part # on select devices  
☐ Back Mark or  
☒ Date Code top mark identifier  
☐ Other

Date Effective: **May 19, 2016**

Contact: IDT PCN DESK

Attachment: ☒ Yes ☐ No

E-mail: [pcndesk@idt.com](mailto:pcndesk@idt.com)

Samples: Available upon request

### DESCRIPTION AND PURPOSE OF CHANGE:

- ☐ Die Technology This notification is to advise our customers that select IDT parts manufactured at Global Foundries Singapore on the CMOS 0.13um 1P6M process, are being converted to a 300mm wafer size from a 200mm wafer size.
- ☐ Wafer Fabrication Process This change is being made to modernize the process tool set and provide productivity enhancements.
- ☐ Assembly Process There is no change to the product design or process technology.
- ☒ Equipment There is also no change to the package, backend manufacturing process or the the data sheet with the exception of part # change on a few select devices.
- ☐ Material
- ☐ Testing Refer to attachment I for the qualification report.
- ☐ Manufacturing Site
- ☐ Data Sheet There is a change to the ordering part number on a few select devices. Refer the affected parts list on attachment II for details on the means to distinguish the change.
- ☐ Other

### RELIABILITY/QUALIFICATION SUMMARY:

Based on wafer and component level qualification and characterization tests, there is no change to the performance or reliability of the product.

### CUSTOMER ACKNOWLEDGMENT OF RECEIPT:

IDT records indicate that you require written notification of this change. Please use the acknowledgement below or E-Mail to grant approval or request additional information. If IDT does not receive acknowledgement within 30 days of this notice it will be assumed that this change is acceptable.

IDT reserves the right to ship either version manufactured after the process change effective date until the inventory on the earlier version has been depleted.

Customer: \_\_\_\_\_

☐ **Approval for shipments prior to effective date.**

Name/Date: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

Title: \_\_\_\_\_

Phone# /Fax# : \_\_\_\_\_

CUSTOMER COMMENTS: \_\_\_\_\_

### IDT ACKNOWLEDGMENT OF RECEIPT:

RECD. BY: \_\_\_\_\_

DATE: \_\_\_\_\_



Integrated Device Technology, Inc.  
6024 Silver Creek Valley Road  
San Jose, CA 96138

## PRODUCT/PROCESS CHANGE NOTICE (PCN)

### ATTACHMENT I - PCN # : W1602-01

#### Qualification Report

| Test Description                | Conditions                                                            | 1 <sup>st</sup> Lot | 2 <sup>nd</sup> Lot | 3 <sup>rd</sup> Lot | Comments                       |
|---------------------------------|-----------------------------------------------------------------------|---------------------|---------------------|---------------------|--------------------------------|
|                                 |                                                                       | SS / Results        | SS / Results        | SS / Results        |                                |
| High Temperature Operating Life | JESD22-A108, +125°C, Vccmax, 1000hrs                                  | 77/0                | 77/0                | 77/0                |                                |
| High Temperature Storage        | JESD22-A103, +150C, 1000 hours                                        | 25/0                | 25/0                | 25/0                |                                |
| Temperature Cycle <sup>1</sup>  | JESD22-A104, Condition B, 700 cycles                                  | 25/0                | 25/0                | 25/0                |                                |
| HAST <sup>1</sup>               | JESD22-A110 130°C , 85% RH, Vcc max.                                  | 25/0                | 25/0                | 25/0                |                                |
| Bond Pull Strength              | M2011                                                                 | 5/0                 | 5/0                 | n/a                 | 30 balls / 5 units from 2 lots |
| ESD: Human Body Model           | JESD22-A114 (JS-001) Classification                                   | Pass @ 2500V        | Pass @ 2500V        | Pass @ 2500V        |                                |
| ESD: Charged Device Model       | JESD22-C101 Classification                                            | Pass @ 1500V        | Pass @ 1500V        | Pass @ 1500V        |                                |
| Latch Up                        | JESD78 TA at room and max ambient operating temperature per datasheet | 6 /0                | 6/0                 | 6/0                 |                                |

Note 1: For HAST and Temperature Cycle, samples have been subjected to pre-conditioning per JESD22-A113

## ATTACHMENT II PCN# - W1602-01 Affected Parts List

| IDT Part#                                    | Means of distinguishing change |
|----------------------------------------------|--------------------------------|
| <b>New orderable part # with A in part #</b> |                                |
| 8T49N285-015NLGI                             | 8T49N285A-015NLGI              |
| 8T49N285-015NLGI8                            | 8T49N285A-015NLGI8             |
| 8T49N287-025NLGI                             | 8T49N287A-025NLGI              |
| 8T49N287-025NLGI8                            | 8T49N287A-025NLGI8             |

| <b>IDT Part# s with "Y" die step on top mark to distinguish change</b> |                    |                    |
|------------------------------------------------------------------------|--------------------|--------------------|
| 5P1103A000NLGI                                                         | 5P49V5901A023NLGI8 | 5P49V5901A043NLGI  |
| 5P1103A000NLGI8                                                        | 5P49V5901A024NLGI  | 5P49V5901A043NLGI8 |
| 5P1103A501NLGI                                                         | 5P49V5901A024NLGI8 | 5P49V5901A045NLGI  |
| 5P1103A501NLGI8                                                        | 5P49V5901A025NLGI  | 5P49V5901A045NLGI8 |
| 5P1103A503NLGI                                                         | 5P49V5901A025NLGI8 | 5P49V5901A046NLGI  |
| 5P1103A503NLGI8                                                        | 5P49V5901A026NLGI  | 5P49V5901A046NLGI8 |
| 5P1103A504NLGI                                                         | 5P49V5901A026NLGI8 | 5P49V5901A047NLGI  |
| 5P1103A504NLGI8                                                        | 5P49V5901A027NLGI  | 5P49V5901A047NLGI8 |
| 5P1103A505NLGI                                                         | 5P49V5901A027NLGI8 | 5P49V5901A048NLGI  |
| 5P1103A505NLGI8                                                        | 5P49V5901A028NLGI  | 5P49V5901A048NLGI8 |
| 5P1103AROOTNLGI                                                        | 5P49V5901A028NLGI8 | 5P49V5901A050NLGI  |
| 5P1103AROOTNLGI8                                                       | 5P49V5901A030NLGI  | 5P49V5901A050NLGI8 |
| 5P1105A000NLGI                                                         | 5P49V5901A030NLGI8 | 5P49V5901A056NLGI  |
| 5P1105A000NLGI8                                                        | 5P49V5901A031NLGI  | 5P49V5901A056NLGI8 |
| 5P1105A501NLGI                                                         | 5P49V5901A031NLGI8 | 5P49V5901A060NLGI  |
| 5P1105A501NLGI8                                                        | 5P49V5901A032NLGI  | 5P49V5901A060NLGI8 |
| 5P1105AROOTNLGI                                                        | 5P49V5901A032NLGI8 | 5P49V5901A062NLGI  |
| 5P1105AROOTNLGI8                                                       | 5P49V5901A033NLGI  | 5P49V5901A062NLGI8 |
| 5P49EM952NLGI                                                          | 5P49V5901A033NLGI8 | 5P49V5901A065NLGI  |
| 5P49EM952NLGI8                                                         | 5P49V5901A034NLGI  | 5P49V5901A065NLGI8 |
| 5P49V5901A000NLGI                                                      | 5P49V5901A034NLGI8 | 5P49V5901A067NLGI  |
| 5P49V5901A000NLGI8                                                     | 5P49V5901A035NLGI  | 5P49V5901A067NLGI8 |
| 5P49V5901A010NLGI                                                      | 5P49V5901A035NLGI8 | 5P49V5901A068NLGI  |
| 5P49V5901A010NLGI8                                                     | 5P49V5901A036NLGI  | 5P49V5901A068NLGI8 |
| 5P49V5901A012NLGI                                                      | 5P49V5901A036NLGI8 | 5P49V5901A069NLGI  |
| 5P49V5901A012NLGI8                                                     | 5P49V5901A037NLGI  | 5P49V5901A069NLGI8 |
| 5P49V5901A014NLGI                                                      | 5P49V5901A037NLGI8 | 5P49V5901A070NLGI  |
| 5P49V5901A014NLGI8                                                     | 5P49V5901A038NLGI  | 5P49V5901A070NLGI8 |

| IDT Part# s with "Y" die step on top mark to distinguish change |                    |                    |
|-----------------------------------------------------------------|--------------------|--------------------|
| 5P49V5901A018NLGI                                               | 5P49V5901A038NLGI8 | 5P49V5901A071NLGI  |
| 5P49V5901A018NLGI8                                              | 5P49V5901A039NLGI  | 5P49V5901A071NLGI8 |
| 5P49V5901A021NLGI                                               | 5P49V5901A039NLGI8 | 5P49V5901A072NLGI  |
| 5P49V5901A021NLGI8                                              | 5P49V5901A040NLGI  | 5P49V5901A072NLGI8 |
| 5P49V5901A022NLGI                                               | 5P49V5901A040NLGI8 | 5P49V5901A073NLGI  |
| 5P49V5901A022NLGI8                                              | 5P49V5901A041NLGI  | 5P49V5901A073NLGI8 |
| 5P49V5901A023NLGI                                               | 5P49V5901A041NLGI8 | 5P49V5901A074NLGI  |
| 5P49V5901A074NLGI8                                              | 5P49V5901A600NLGI  | 5P49V5901A644NLGI8 |
| 5P49V5901A075NLGI                                               | 5P49V5901A600NLGI8 | 5P49V5901A648NLGI  |
| 5P49V5901A075NLGI8                                              | 5P49V5901A602NLGI  | 5P49V5901A648NLGI8 |
| 5P49V5901A076NLGI                                               | 5P49V5901A602NLGI8 | 5P49V5901A649NLGI  |
| 5P49V5901A076NLGI8                                              | 5P49V5901A604NLGI  | 5P49V5901A649NLGI8 |
| 5P49V5901A077NLGI                                               | 5P49V5901A604NLGI8 | 5P49V5901A651NLGI  |
| 5P49V5901A077NLGI8                                              | 5P49V5901A614NLGI  | 5P49V5901A651NLGI8 |
| 5P49V5901A078NLGI                                               | 5P49V5901A614NLGI8 | 5P49V5901A652NLGI  |
| 5P49V5901A078NLGI8                                              | 5P49V5901A615NLGI  | 5P49V5901A652NLGI8 |
| 5P49V5901A080NLGI                                               | 5P49V5901A615NLGI8 | 5P49V5901A653NLGI  |
| 5P49V5901A080NLGI8                                              | 5P49V5901A616NLGI  | 5P49V5901A653NLGI8 |
| 5P49V5901A081NLGI                                               | 5P49V5901A616NLGI8 | 5P49V5901A654NLGI  |
| 5P49V5901A081NLGI8                                              | 5P49V5901A618NLGI  | 5P49V5901A654NLGI8 |
| 5P49V5901A533NLGI                                               | 5P49V5901A618NLGI8 | 5P49V5901A659NLGI  |
| 5P49V5901A533NLGI8                                              | 5P49V5901A620NLGI  | 5P49V5901A659NLGI8 |
| 5P49V5901A557NLGI                                               | 5P49V5901A620NLGI8 | 5P49V5901A663NLGI  |
| 5P49V5901A557NLGI8                                              | 5P49V5901A622NLGI  | 5P49V5901A663NLGI8 |
| 5P49V5901A558NLGI                                               | 5P49V5901A622NLGI8 | 5P49V5901A665NLGI  |
| 5P49V5901A558NLGI8                                              | 5P49V5901A623NLGI  | 5P49V5901A665NLGI8 |
| 5P49V5901A563NLGI                                               | 5P49V5901A623NLGI8 | 5P49V5901A666NLGI  |
| 5P49V5901A563NLGI8                                              | 5P49V5901A628NLGI  | 5P49V5901A666NLGI8 |
| 5P49V5901A564NLGI                                               | 5P49V5901A628NLGI8 | 5P49V5901A667NLGI  |
| 5P49V5901A564NLGI8                                              | 5P49V5901A629NLGI  | 5P49V5901A667NLGI8 |
| 5P49V5901A567NLGI                                               | 5P49V5901A629NLGI8 | 5P49V5901A668NLGI  |
| 5P49V5901A567NLGI8                                              | 5P49V5901A633NLGI  | 5P49V5901A668NLGI8 |
| 5P49V5901A586NLGI                                               | 5P49V5901A633NLGI8 | 5P49V5901A669NLGI  |
| 5P49V5901A586NLGI8                                              | 5P49V5901A636NLGI  | 5P49V5901A669NLGI8 |
| 5P49V5901A587NLGI                                               | 5P49V5901A636NLGI8 | 5P49V5901A672NLGI  |
| 5P49V5901A587NLGI8                                              | 5P49V5901A637NLGI  | 5P49V5901A672NLGI8 |
| 5P49V5901A588NLGI                                               | 5P49V5901A637NLGI8 | 5P49V5901A673NLGI  |

| IDT Part# s with "Y" die step on top mark to distinguish change |                    |                    |
|-----------------------------------------------------------------|--------------------|--------------------|
| 5P49V5901A588NLGI8                                              | 5P49V5901A642NLGI  | 5P49V5901A673NLGI8 |
| 5P49V5901A591NLGI                                               | 5P49V5901A642NLGI8 | 5P49V5901A674NLGI  |
| 5P49V5901A591NLGI8                                              | 5P49V5901A643NLGI  | 5P49V5901A674NLGI8 |
| 5P49V5901A598NLGI                                               | 5P49V5901A643NLGI8 | 5P49V5901A676NLGI  |
| 5P49V5901A598NLGI8                                              | 5P49V5901A644NLGI  | 5P49V5901A676NLGI8 |
| 5P49V5901A677NLGI                                               | 5P49V5901A700NLGI8 | 5P49V5901A722NLGI  |
| 5P49V5901A677NLGI8                                              | 5P49V5901A701NLGI  | 5P49V5901A722NLGI8 |
| 5P49V5901A678NLGI                                               | 5P49V5901A701NLGI8 | 5P49V5901A723NLGI  |
| 5P49V5901A678NLGI8                                              | 5P49V5901A702NLGI  | 5P49V5901A723NLGI8 |
| 5P49V5901A679NLGI                                               | 5P49V5901A702NLGI8 | 5P49V5901A725NLGI  |
| 5P49V5901A679NLGI8                                              | 5P49V5901A704NLGI  | 5P49V5901A725NLGI8 |
| 5P49V5901A680NLGI                                               | 5P49V5901A704NLGI8 | 5P49V5901A726NLGI  |
| 5P49V5901A680NLGI8                                              | 5P49V5901A705NLGI  | 5P49V5901A726NLGI8 |
| 5P49V5901A682NLGI                                               | 5P49V5901A705NLGI8 | 5P49V5901A727NLGI  |
| 5P49V5901A682NLGI8                                              | 5P49V5901A707NLGI  | 5P49V5901A727NLGI8 |
| 5P49V5901A683NLGI                                               | 5P49V5901A707NLGI8 | 5P49V5901A728NLGI  |
| 5P49V5901A683NLGI8                                              | 5P49V5901A708NLGI  | 5P49V5901A728NLGI8 |
| 5P49V5901A684NLGI                                               | 5P49V5901A708NLGI8 | 5P49V5901A731NLGI  |
| 5P49V5901A684NLGI8                                              | 5P49V5901A709NLGI  | 5P49V5901A731NLGI8 |
| 5P49V5901A685NLGI                                               | 5P49V5901A709NLGI8 | 5P49V5901A732NLGI  |
| 5P49V5901A685NLGI8                                              | 5P49V5901A710NLGI  | 5P49V5901A732NLGI8 |
| 5P49V5901A686NLGI                                               | 5P49V5901A710NLGI8 | 5P49V5901A733NLGI  |
| 5P49V5901A686NLGI8                                              | 5P49V5901A711NLGI  | 5P49V5901A733NLGI8 |
| 5P49V5901A689NLGI                                               | 5P49V5901A711NLGI8 | 5P49V5901A734NLGI  |
| 5P49V5901A689NLGI8                                              | 5P49V5901A712NLGI  | 5P49V5901A734NLGI8 |
| 5P49V5901A691NLGI                                               | 5P49V5901A712NLGI8 | 5P49V5901A735NLGI  |
| 5P49V5901A691NLGI8                                              | 5P49V5901A713NLGI  | 5P49V5901A735NLGI8 |
| 5P49V5901A692NLGI                                               | 5P49V5901A713NLGI8 | 5P49V5901A738NLGI  |
| 5P49V5901A692NLGI8                                              | 5P49V5901A714NLGI  | 5P49V5901A738NLGI8 |
| 5P49V5901A693NLGI                                               | 5P49V5901A714NLGI8 | 5P49V5901A739NLGI  |
| 5P49V5901A693NLGI8                                              | 5P49V5901A715NLGI  | 5P49V5901A739NLGI8 |
| 5P49V5901A694NLGI                                               | 5P49V5901A715NLGI8 | 5P49V5901A740NLGI  |
| 5P49V5901A694NLGI8                                              | 5P49V5901A718NLGI  | 5P49V5901A740NLGI8 |
| 5P49V5901A695NLGI                                               | 5P49V5901A718NLGI8 | 5P49V5901A741NLGI  |
| 5P49V5901A695NLGI8                                              | 5P49V5901A719NLGI  | 5P49V5901A741NLGI8 |
| 5P49V5901A696NLGI                                               | 5P49V5901A719NLGI8 | 5P49V5901A743NLGI  |
| 5P49V5901A696NLGI8                                              | 5P49V5901A720NLGI  | 5P49V5901A743NLGI8 |

| IDT Part# s with "Y" die step on top mark to distinguish change |                    |                    |
|-----------------------------------------------------------------|--------------------|--------------------|
| 5P49V5901A698NLGI                                               | 5P49V5901A720NLGI8 | 5P49V5901A744NLGI  |
| 5P49V5901A698NLGI8                                              | 5P49V5901A721NLGI  | 5P49V5901A744NLGI8 |
| 5P49V5901A700NLGI                                               | 5P49V5901A721NLGI8 | 5P49V5901A746NLGI  |
| 5P49V5901A746NLGI8                                              | 5P49V5901A764NLGI  | 5P49V5901AROOTNLGI |
| 5P49V5901A747NLGI                                               | 5P49V5901A764NLGI8 | 5P49V5901B000NLGI  |
| 5P49V5901A747NLGI8                                              | 5P49V5901A765NLGI  | 5P49V5901B000NLGI8 |
| 5P49V5901A748NLGI                                               | 5P49V5901A765NLGI8 | 5P49V5901B010NLGI  |
| 5P49V5901A748NLGI8                                              | 5P49V5901A766NLGI  | 5P49V5901B010NLGI8 |
| 5P49V5901A749NLGI                                               | 5P49V5901A766NLGI8 | 5P49V5901B012NLGI  |
| 5P49V5901A749NLGI8                                              | 5P49V5901A767NLGI  | 5P49V5901B012NLGI8 |
| 5P49V5901A750NLGI                                               | 5P49V5901A767NLGI8 | 5P49V5901B014NLGI  |
| 5P49V5901A750NLGI8                                              | 5P49V5901A768NLGI  | 5P49V5901B014NLGI8 |
| 5P49V5901A751NLGI                                               | 5P49V5901A768NLGI8 | 5P49V5901B018NLGI  |
| 5P49V5901A751NLGI8                                              | 5P49V5901A769NLGI  | 5P49V5901B018NLGI8 |
| 5P49V5901A752NLGI                                               | 5P49V5901A769NLGI8 | 5P49V5901B021NLGI  |
| 5P49V5901A752NLGI8                                              | 5P49V5901A770NLGI  | 5P49V5901B021NLGI8 |
| 5P49V5901A753NLGI                                               | 5P49V5901A770NLGI8 | 5P49V5901B023NLGI  |
| 5P49V5901A753NLGI8                                              | 5P49V5901A771NLGI  | 5P49V5901B023NLGI8 |
| 5P49V5901A754NLGI                                               | 5P49V5901A771NLGI8 | 5P49V5901B024NLGI  |
| 5P49V5901A754NLGI8                                              | 5P49V5901A772NLGI  | 5P49V5901B024NLGI8 |
| 5P49V5901A755NLGI                                               | 5P49V5901A772NLGI8 | 5P49V5901B026NLGI  |
| 5P49V5901A755NLGI8                                              | 5P49V5901A773NLGI  | 5P49V5901B026NLGI8 |
| 5P49V5901A756NLGI                                               | 5P49V5901A773NLGI8 | 5P49V5901B027NLGI  |
| 5P49V5901A756NLGI8                                              | 5P49V5901A774NLGI  | 5P49V5901B027NLGI8 |
| 5P49V5901A757NLGI                                               | 5P49V5901A774NLGI8 | 5P49V5901B028NLGI  |
| 5P49V5901A757NLGI8                                              | 5P49V5901A775NLGI  | 5P49V5901B028NLGI8 |
| 5P49V5901A758NLGI                                               | 5P49V5901A775NLGI8 | 5P49V5901B030NLGI  |
| 5P49V5901A758NLGI8                                              | 5P49V5901A776NLGI  | 5P49V5901B030NLGI8 |
| 5P49V5901A759NLGI                                               | 5P49V5901A776NLGI8 | 5P49V5901B031NLGI  |
| 5P49V5901A759NLGI8                                              | 5P49V5901A789NLGI  | 5P49V5901B031NLGI8 |
| 5P49V5901A760NLGI                                               | 5P49V5901A789NLGI8 | 5P49V5901B033NLGI  |
| 5P49V5901A760NLGI8                                              | 5P49V5901A790NLGI  | 5P49V5901B033NLGI8 |
| 5P49V5901A761NLGI                                               | 5P49V5901A790NLGI8 | 5P49V5901B034NLGI  |
| 5P49V5901A761NLGI8                                              | 5P49V5901A999NLGI  | 5P49V5901B034NLGI8 |
| 5P49V5901A762NLGI                                               | 5P49V5901A999NLGI8 | 5P49V5901B035NLGI  |
| 5P49V5901A762NLGI8                                              | 5P49V5901ANLGI     | 5P49V5901B035NLGI8 |
| 5P49V5901A763NLGI                                               | 5P49V5901ANLGI8    | 5P49V5901B036NLGI  |

| IDT Part# s with "Y" die step on top mark to distinguish change |                    |                    |
|-----------------------------------------------------------------|--------------------|--------------------|
| 5P49V5901A763NLGI8                                              | 5P49V5901AR00NLGI8 | 5P49V5901B036NLGI8 |
| 5P49V5901B037NLGI                                               | 5P49V5901B070NLGI8 | 5P49V5901B603NLGI  |
| 5P49V5901B037NLGI8                                              | 5P49V5901B071NLGI  | 5P49V5901B603NLGI8 |
| 5P49V5901B038NLGI                                               | 5P49V5901B071NLGI8 | 5P49V5901B604NLGI  |
| 5P49V5901B038NLGI8                                              | 5P49V5901B073NLGI  | 5P49V5901B604NLGI8 |
| 5P49V5901B039NLGI                                               | 5P49V5901B073NLGI8 | 5P49V5901B605NLGI  |
| 5P49V5901B039NLGI8                                              | 5P49V5901B075NLGI  | 5P49V5901B605NLGI8 |
| 5P49V5901B040NLGI                                               | 5P49V5901B075NLGI8 | 5P49V5901B606NLGI  |
| 5P49V5901B040NLGI8                                              | 5P49V5901B081NLGI  | 5P49V5901B606NLGI8 |
| 5P49V5901B041NLGI                                               | 5P49V5901B081NLGI8 | 5P49V5901B607NLGI  |
| 5P49V5901B041NLGI8                                              | 5P49V5901B533NLGI  | 5P49V5901B607NLGI8 |
| 5P49V5901B043NLGI                                               | 5P49V5901B533NLGI8 | 5P49V5901B608NLGI  |
| 5P49V5901B043NLGI8                                              | 5P49V5901B557NLGI  | 5P49V5901B608NLGI8 |
| 5P49V5901B045NLGI                                               | 5P49V5901B557NLGI8 | 5P49V5901B609NLGI  |
| 5P49V5901B045NLGI8                                              | 5P49V5901B558NLGI  | 5P49V5901B609NLGI8 |
| 5P49V5901B046NLGI                                               | 5P49V5901B558NLGI8 | 5P49V5901B610NLGI  |
| 5P49V5901B046NLGI8                                              | 5P49V5901B563NLGI  | 5P49V5901B610NLGI8 |
| 5P49V5901B047NLGI                                               | 5P49V5901B563NLGI8 | 5P49V5901B611NLGI  |
| 5P49V5901B047NLGI8                                              | 5P49V5901B564NLGI  | 5P49V5901B611NLGI8 |
| 5P49V5901B048NLGI                                               | 5P49V5901B564NLGI8 | 5P49V5901B612NLGI  |
| 5P49V5901B048NLGI8                                              | 5P49V5901B567NLGI  | 5P49V5901B612NLGI8 |
| 5P49V5901B050NLGI                                               | 5P49V5901B567NLGI8 | 5P49V5901B613NLGI  |
| 5P49V5901B050NLGI8                                              | 5P49V5901B587NLGI  | 5P49V5901B613NLGI8 |
| 5P49V5901B056NLGI                                               | 5P49V5901B587NLGI8 | 5P49V5901B614NLGI  |
| 5P49V5901B056NLGI8                                              | 5P49V5901B588NLGI  | 5P49V5901B614NLGI8 |
| 5P49V5901B060NLGI                                               | 5P49V5901B588NLGI8 | 5P49V5901B615NLGI  |
| 5P49V5901B060NLGI8                                              | 5P49V5901B591NLGI  | 5P49V5901B615NLGI8 |
| 5P49V5901B065NLGI                                               | 5P49V5901B591NLGI8 | 5P49V5901B616NLGI  |
| 5P49V5901B065NLGI8                                              | 5P49V5901B598NLGI  | 5P49V5901B616NLGI8 |
| 5P49V5901B067NLGI                                               | 5P49V5901B598NLGI8 | 5P49V5901B617NLGI  |
| 5P49V5901B067NLGI8                                              | 5P49V5901B600NLGI  | 5P49V5901B617NLGI8 |
| 5P49V5901B068NLGI                                               | 5P49V5901B600NLGI8 | 5P49V5901B618NLGI  |
| 5P49V5901B068NLGI8                                              | 5P49V5901B601NLGI  | 5P49V5901B618NLGI8 |
| 5P49V5901B069NLGI                                               | 5P49V5901B601NLGI8 | 5P49V5901B619NLGI  |
| 5P49V5901B069NLGI8                                              | 5P49V5901B602NLGI  | 5P49V5901B619NLGI8 |
| 5P49V5901B070NLGI                                               | 5P49V5901B602NLGI8 | 5P49V5901B620NLGI  |
| 5P49V5901B620NLGI8                                              | 5P49V5901B638NLGI  | 5P49V5901B655NLGI8 |

| IDT Part# s with "Y" die step on top mark to distinguish change |                    |                    |
|-----------------------------------------------------------------|--------------------|--------------------|
| 5P49V5901B621NLGI                                               | 5P49V5901B638NLGI8 | 5P49V5901B656NLGI  |
| 5P49V5901B621NLGI8                                              | 5P49V5901B639NLGI  | 5P49V5901B656NLGI8 |
| 5P49V5901B622NLGI                                               | 5P49V5901B639NLGI8 | 5P49V5901B657NLGI  |
| 5P49V5901B622NLGI8                                              | 5P49V5901B640NLGI  | 5P49V5901B657NLGI8 |
| 5P49V5901B623NLGI                                               | 5P49V5901B640NLGI8 | 5P49V5901B658NLGI  |
| 5P49V5901B623NLGI8                                              | 5P49V5901B641NLGI  | 5P49V5901B658NLGI8 |
| 5P49V5901B624NLGI                                               | 5P49V5901B641NLGI8 | 5P49V5901B659NLGI  |
| 5P49V5901B624NLGI8                                              | 5P49V5901B642NLGI  | 5P49V5901B659NLGI8 |
| 5P49V5901B625NLGI                                               | 5P49V5901B642NLGI8 | 5P49V5901B660NLGI  |
| 5P49V5901B625NLGI8                                              | 5P49V5901B643NLGI  | 5P49V5901B660NLGI8 |
| 5P49V5901B626NLGI                                               | 5P49V5901B643NLGI8 | 5P49V5901B661NLGI  |
| 5P49V5901B626NLGI8                                              | 5P49V5901B644NLGI  | 5P49V5901B661NLGI8 |
| 5P49V5901B627NLGI                                               | 5P49V5901B644NLGI8 | 5P49V5901B662NLGI  |
| 5P49V5901B627NLGI8                                              | 5P49V5901B645NLGI  | 5P49V5901B662NLGI8 |
| 5P49V5901B628NLGI                                               | 5P49V5901B645NLGI8 | 5P49V5901B663NLGI  |
| 5P49V5901B628NLGI8                                              | 5P49V5901B646NLGI  | 5P49V5901B663NLGI8 |
| 5P49V5901B629NLGI                                               | 5P49V5901B646NLGI8 | 5P49V5901B664NLGI  |
| 5P49V5901B629NLGI8                                              | 5P49V5901B647NLGI  | 5P49V5901B664NLGI8 |
| 5P49V5901B630NLGI                                               | 5P49V5901B647NLGI8 | 5P49V5901B665NLGI  |
| 5P49V5901B630NLGI8                                              | 5P49V5901B648NLGI  | 5P49V5901B665NLGI8 |
| 5P49V5901B631NLGI                                               | 5P49V5901B648NLGI8 | 5P49V5901B666NLGI  |
| 5P49V5901B631NLGI8                                              | 5P49V5901B649NLGI  | 5P49V5901B666NLGI8 |
| 5P49V5901B632NLGI                                               | 5P49V5901B649NLGI8 | 5P49V5901B667NLGI  |
| 5P49V5901B632NLGI8                                              | 5P49V5901B650NLGI  | 5P49V5901B667NLGI8 |
| 5P49V5901B633NLGI                                               | 5P49V5901B650NLGI8 | 5P49V5901B668NLGI  |
| 5P49V5901B633NLGI8                                              | 5P49V5901B651NLGI  | 5P49V5901B668NLGI8 |
| 5P49V5901B634NLGI                                               | 5P49V5901B651NLGI8 | 5P49V5901B669NLGI  |
| 5P49V5901B634NLGI8                                              | 5P49V5901B652NLGI  | 5P49V5901B669NLGI8 |
| 5P49V5901B635NLGI                                               | 5P49V5901B652NLGI8 | 5P49V5901B670NLGI  |
| 5P49V5901B635NLGI8                                              | 5P49V5901B653NLGI  | 5P49V5901B670NLGI8 |
| 5P49V5901B636NLGI                                               | 5P49V5901B653NLGI8 | 5P49V5901B671NLGI  |
| 5P49V5901B636NLGI8                                              | 5P49V5901B654NLGI  | 5P49V5901B671NLGI8 |
| 5P49V5901B637NLGI                                               | 5P49V5901B654NLGI8 | 5P49V5901B672NLGI  |
| 5P49V5901B637NLGI8                                              | 5P49V5901B655NLGI  | 5P49V5901B672NLGI8 |
| 5P49V5901B673NLGI                                               | 5P49V5901B690NLGI8 | 5P49V5901B708NLGI  |
| 5P49V5901B673NLGI8                                              | 5P49V5901B691NLGI  | 5P49V5901B708NLGI8 |
| 5P49V5901B674NLGI                                               | 5P49V5901B691NLGI8 | 5P49V5901B709NLGI  |

| IDT Part# s with "Y" die step on top mark to distinguish change |                    |                    |
|-----------------------------------------------------------------|--------------------|--------------------|
| 5P49V5901B674NLGI8                                              | 5P49V5901B692NLGI  | 5P49V5901B709NLGI8 |
| 5P49V5901B675NLGI                                               | 5P49V5901B692NLGI8 | 5P49V5901B710NLGI  |
| 5P49V5901B675NLGI8                                              | 5P49V5901B693NLGI  | 5P49V5901B710NLGI8 |
| 5P49V5901B676NLGI                                               | 5P49V5901B693NLGI8 | 5P49V5901B711NLGI  |
| 5P49V5901B676NLGI8                                              | 5P49V5901B694NLGI  | 5P49V5901B711NLGI8 |
| 5P49V5901B677NLGI                                               | 5P49V5901B694NLGI8 | 5P49V5901B712NLGI  |
| 5P49V5901B677NLGI8                                              | 5P49V5901B695NLGI  | 5P49V5901B712NLGI8 |
| 5P49V5901B678NLGI                                               | 5P49V5901B695NLGI8 | 5P49V5901B713NLGI  |
| 5P49V5901B678NLGI8                                              | 5P49V5901B696NLGI  | 5P49V5901B713NLGI8 |
| 5P49V5901B679NLGI                                               | 5P49V5901B696NLGI8 | 5P49V5901B714NLGI  |
| 5P49V5901B679NLGI8                                              | 5P49V5901B697NLGI  | 5P49V5901B714NLGI8 |
| 5P49V5901B680NLGI                                               | 5P49V5901B697NLGI8 | 5P49V5901B715NLGI  |
| 5P49V5901B680NLGI8                                              | 5P49V5901B698NLGI  | 5P49V5901B715NLGI8 |
| 5P49V5901B681NLGI                                               | 5P49V5901B698NLGI8 | 5P49V5901B716NLGI  |
| 5P49V5901B681NLGI8                                              | 5P49V5901B699NLGI  | 5P49V5901B716NLGI8 |
| 5P49V5901B682NLGI                                               | 5P49V5901B699NLGI8 | 5P49V5901B717NLGI  |
| 5P49V5901B682NLGI8                                              | 5P49V5901B700NLGI  | 5P49V5901B717NLGI8 |
| 5P49V5901B683NLGI                                               | 5P49V5901B700NLGI8 | 5P49V5901B718NLGI  |
| 5P49V5901B683NLGI8                                              | 5P49V5901B701NLGI  | 5P49V5901B718NLGI8 |
| 5P49V5901B684NLGI                                               | 5P49V5901B701NLGI8 | 5P49V5901B719NLGI  |
| 5P49V5901B684NLGI8                                              | 5P49V5901B702NLGI  | 5P49V5901B719NLGI8 |
| 5P49V5901B685NLGI                                               | 5P49V5901B702NLGI8 | 5P49V5901B720NLGI  |
| 5P49V5901B685NLGI8                                              | 5P49V5901B703NLGI  | 5P49V5901B720NLGI8 |
| 5P49V5901B686NLGI                                               | 5P49V5901B703NLGI8 | 5P49V5901B721NLGI  |
| 5P49V5901B686NLGI8                                              | 5P49V5901B704NLGI  | 5P49V5901B721NLGI8 |
| 5P49V5901B687NLGI                                               | 5P49V5901B704NLGI8 | 5P49V5901B722NLGI  |
| 5P49V5901B687NLGI8                                              | 5P49V5901B705NLGI  | 5P49V5901B722NLGI8 |
| 5P49V5901B688NLGI                                               | 5P49V5901B705NLGI8 | 5P49V5901B723NLGI  |
| 5P49V5901B688NLGI8                                              | 5P49V5901B706NLGI  | 5P49V5901B723NLGI8 |
| 5P49V5901B689NLGI                                               | 5P49V5901B706NLGI8 | 5P49V5901B724NLGI  |
| 5P49V5901B689NLGI8                                              | 5P49V5901B707NLGI  | 5P49V5901B724NLGI8 |
| 5P49V5901B690NLGI                                               | 5P49V5901B707NLGI8 | 5P49V5901B725NLGI  |
| 5P49V5901B725NLGI8                                              | 5P49V5901B743NLGI  | 5P49V5901B760NLGI8 |
| 5P49V5901B726NLGI                                               | 5P49V5901B743NLGI8 | 5P49V5901B761NLGI  |
| 5P49V5901B726NLGI8                                              | 5P49V5901B744NLGI  | 5P49V5901B761NLGI8 |
| 5P49V5901B727NLGI                                               | 5P49V5901B744NLGI8 | 5P49V5901B762NLGI  |
| 5P49V5901B727NLGI8                                              | 5P49V5901B745NLGI  | 5P49V5901B762NLGI8 |

| IDT Part# s with "Y" die step on top mark to distinguish change |                    |                     |
|-----------------------------------------------------------------|--------------------|---------------------|
| 5P49V5901B728NLGI                                               | 5P49V5901B745NLGI8 | 5P49V5901B763NLGI   |
| 5P49V5901B728NLGI8                                              | 5P49V5901B746NLGI  | 5P49V5901B763NLGI8  |
| 5P49V5901B729NLGI                                               | 5P49V5901B746NLGI8 | 5P49V5901B764NLGI   |
| 5P49V5901B729NLGI8                                              | 5P49V5901B747NLGI  | 5P49V5901B764NLGI8  |
| 5P49V5901B730NLGI                                               | 5P49V5901B747NLGI8 | 5P49V5901B765NLGI   |
| 5P49V5901B730NLGI8                                              | 5P49V5901B748NLGI  | 5P49V5901B765NLGI8  |
| 5P49V5901B731NLGI                                               | 5P49V5901B748NLGI8 | 5P49V5901B766NLGI   |
| 5P49V5901B731NLGI8                                              | 5P49V5901B749NLGI  | 5P49V5901B766NLGI8  |
| 5P49V5901B732NLGI                                               | 5P49V5901B749NLGI8 | 5P49V5901B767NLGI   |
| 5P49V5901B732NLGI8                                              | 5P49V5901B750NLGI  | 5P49V5901B767NLGI8  |
| 5P49V5901B733NLGI                                               | 5P49V5901B750NLGI8 | 5P49V5901B768NLGI   |
| 5P49V5901B733NLGI8                                              | 5P49V5901B751NLGI  | 5P49V5901B768NLGI8  |
| 5P49V5901B734NLGI                                               | 5P49V5901B751NLGI8 | 5P49V5901B769NLGI   |
| 5P49V5901B734NLGI8                                              | 5P49V5901B752NLGI  | 5P49V5901B769NLGI8  |
| 5P49V5901B735NLGI                                               | 5P49V5901B752NLGI8 | 5P49V5901B770NLGI   |
| 5P49V5901B735NLGI8                                              | 5P49V5901B753NLGI  | 5P49V5901B770NLGI8  |
| 5P49V5901B736NLGI                                               | 5P49V5901B753NLGI8 | 5P49V5901B771NLGI   |
| 5P49V5901B736NLGI8                                              | 5P49V5901B754NLGI  | 5P49V5901B771NLGI8  |
| 5P49V5901B737NLGI                                               | 5P49V5901B754NLGI8 | 5P49V5901B772NLGI   |
| 5P49V5901B737NLGI8                                              | 5P49V5901B755NLGI  | 5P49V5901B772NLGI8  |
| 5P49V5901B738NLGI                                               | 5P49V5901B755NLGI8 | 5P49V5901B773NLGI   |
| 5P49V5901B738NLGI8                                              | 5P49V5901B756NLGI  | 5P49V5901B773NLGI8  |
| 5P49V5901B739NLGI                                               | 5P49V5901B756NLGI8 | 5P49V5901B774NLGI   |
| 5P49V5901B739NLGI8                                              | 5P49V5901B757NLGI  | 5P49V5901B774NLGI8  |
| 5P49V5901B740NLGI                                               | 5P49V5901B757NLGI8 | 5P49V5901B775NLGI   |
| 5P49V5901B740NLGI8                                              | 5P49V5901B758NLGI  | 5P49V5901B775NLGI8  |
| 5P49V5901B741NLGI                                               | 5P49V5901B758NLGI8 | 5P49V5901B776NLGI   |
| 5P49V5901B741NLGI8                                              | 5P49V5901B759NLGI  | 5P49V5901B776NLGI8  |
| 5P49V5901B742NLGI                                               | 5P49V5901B759NLGI8 | 5P49V5901B777NLGI   |
| 5P49V5901B742NLGI8                                              | 5P49V5901B760NLGI  | 5P49V5901B777NLGI8  |
| 5P49V5901B778NLGI                                               | 5P49V5901B798NLGI8 | 5P49V5907A005NDGI   |
| 5P49V5901B778NLGI8                                              | 5P49V5901B799NLGI  | 5P49V5907A005NDGI8  |
| 5P49V5901B779NLGI                                               | 5P49V5901B799NLGI8 | 5P49V5907A501NDGI   |
| 5P49V5901B779NLGI8                                              | 5P49V5901B800NLGI  | 5P49V5907A501NDGI8  |
| 5P49V5901B780NLGI                                               | 5P49V5901B800NLGI8 | 5P49V5907AROOTNDGI8 |
| 5P49V5901B780NLGI8                                              | 5P49V5901B801NLGI  | 5P49V5907AROOTNDGI  |
| 5P49V5901B781NLGI                                               | 5P49V5901B801NLGI8 | 5P49V5907B000NDGI   |

| IDT Part# s with "Y" die step on top mark to distinguish change |                     |                    |
|-----------------------------------------------------------------|---------------------|--------------------|
| 5P49V5901B781NLGI8                                              | 5P49V5901B802NLGI   | 5P49V5907B000NDGI8 |
| 5P49V5901B782NLGI                                               | 5P49V5901B802NLGI8  | 5P49V5907B001NDGI  |
| 5P49V5901B782NLGI8                                              | 5P49V5901B804NLGI   | 5P49V5907B001NDGI8 |
| 5P49V5901B783NLGI                                               | 5P49V5901B804NLGI8  | 5P49V5907B005NDGI  |
| 5P49V5901B783NLGI8                                              | 5P49V5901B805NLGI   | 5P49V5907B005NDGI8 |
| 5P49V5901B784NLGI                                               | 5P49V5901B805NLGI8  | 5P49V5907B501NDGI  |
| 5P49V5901B784NLGI8                                              | 5P49V5901B806NLGI   | 5P49V5907B501NDGI8 |
| 5P49V5901B785NLGI                                               | 5P49V5901B806NLGI8  | 5P49V5907B502NDGI  |
| 5P49V5901B785NLGI8                                              | 5P49V5901B807NLGI   | 5P49V5907B502NDGI8 |
| 5P49V5901B787NLGI                                               | 5P49V5901B807NLGI8  | 5P49V5907B507NDGI  |
| 5P49V5901B787NLGI8                                              | 5P49V5901B808NLGI   | 5P49V5907B507NDGI8 |
| 5P49V5901B788NLGI                                               | 5P49V5901B808NLGI8  | 5P49V5907B508NDGI  |
| 5P49V5901B788NLGI8                                              | 5P49V5901B809NLGI   | 5P49V5907B508NDGI8 |
| 5P49V5901B789NLGI                                               | 5P49V5901B809NLGI8  | 5P49V5907BROONDGI8 |
| 5P49V5901B789NLGI8                                              | 5P49V5901B810NLGI   | 5P49V5907BROOTNDGI |
| 5P49V5901B790NLGI                                               | 5P49V5901B810NLGI8  | 5P49V5908A000NDGI  |
| 5P49V5901B790NLGI8                                              | 5P49V5901B811NLGI   | 5P49V5908A000NDGI8 |
| 5P49V5901B791NLGI                                               | 5P49V5901B811NLGI8  | 5P49V5908A002NDGI  |
| 5P49V5901B791NLGI8                                              | 5P49V5901B812NLGI   | 5P49V5908A002NDGI8 |
| 5P49V5901B793NLGI                                               | 5P49V5901B812NLGI8  | 5P49V5908AROONDGI8 |
| 5P49V5901B793NLGI8                                              | 5P49V5901B813NLGI   | 5P49V5908AROOTNDGI |
| 5P49V5901B794NLGI                                               | 5P49V5901B813NLGI8  | 5P49V5908B000NDGI  |
| 5P49V5901B794NLGI8                                              | 5P49V5901BROONNLGI8 | 5P49V5908B000NDGI8 |
| 5P49V5901B795NLGI                                               | 5P49V5901BROOTNLGI  | 5P49V5908B002NDGI  |
| 5P49V5901B795NLGI8                                              | 5P49V5907A000NDGI   | 5P49V5908B002NDGI8 |
| 5P49V5901B796NLGI                                               | 5P49V5907A000NDGI8  | 5P49V5908B500NDGI  |
| 5P49V5901B796NLGI8                                              | 5P49V5907A001NDGI   | 5P49V5908B500NDGI8 |
| 5P49V5901B798NLGI                                               | 5P49V5907A001NDGI8  | 5P49V5908B501NDGI  |
| 5P49V5908B501NDGI8                                              | 5P49V5913A509NLGI   | 5P49V5913B506NLGI8 |
| 5P49V5908B502NDGI                                               | 5P49V5913A509NLGI8  | 5P49V5913B507NLGI  |
| 5P49V5908B502NDGI8                                              | 5P49V5913A510NLGI   | 5P49V5913B507NLGI8 |
| 5P49V5908B503NDGI                                               | 5P49V5913A510NLGI8  | 5P49V5913B508NLGI  |
| 5P49V5908B503NDGI8                                              | 5P49V5913A511NLGI   | 5P49V5913B508NLGI8 |
| 5P49V5908BROONDGI8                                              | 5P49V5913A511NLGI8  | 5P49V5913B509NLGI  |
| 5P49V5908BROOTNDGI                                              | 5P49V5913A512NLGI   | 5P49V5913B509NLGI8 |
| 5P49V5909A000LGGI                                               | 5P49V5913A512NLGI8  | 5P49V5913B510NLGI  |
| 5P49V5909A000LGGI8                                              | 5P49V5913A513NLGI   | 5P49V5913B510NLGI8 |

| IDT Part# s with "Y" die step on top mark to distinguish change |                    |                    |
|-----------------------------------------------------------------|--------------------|--------------------|
| 5P49V5909AROO LGGI8                                             | 5P49V5913A513NLGI8 | 5P49V5913B511NLGI  |
| 5P49V5909AROOT LGGI                                             | 5P49V5913A514NLGI  | 5P49V5913B511NLGI8 |
| 5P49V5913A000NLGI                                               | 5P49V5913A514NLGI8 | 5P49V5913B512NLGI  |
| 5P49V5913A000NLGI8                                              | 5P49V5913A515NLGI  | 5P49V5913B512NLGI8 |
| 5P49V5913A001NLGI                                               | 5P49V5913A515NLGI8 | 5P49V5913B513NLGI  |
| 5P49V5913A001NLGI8                                              | 5P49V5913AROONLGI8 | 5P49V5913B513NLGI8 |
| 5P49V5913A002NLGI                                               | 5P49V5913AROOTNLGI | 5P49V5913B514NLGI  |
| 5P49V5913A002NLGI8                                              | 5P49V5913B000NLGI  | 5P49V5913B514NLGI8 |
| 5P49V5913A003NLGI                                               | 5P49V5913B000NLGI8 | 5P49V5913BROONLGI8 |
| 5P49V5913A003NLGI8                                              | 5P49V5913B001NLGI  | 5P49V5913BROOTNLGI |
| 5P49V5913A004NLGI                                               | 5P49V5913B001NLGI8 | 5P49V5914A000NLGI  |
| 5P49V5913A004NLGI8                                              | 5P49V5913B002NLGI  | 5P49V5914A000NLGI8 |
| 5P49V5913A005NLGI                                               | 5P49V5913B002NLGI8 | 5P49V5914A001NLGI  |
| 5P49V5913A005NLGI8                                              | 5P49V5913B003NLGI  | 5P49V5914A001NLGI8 |
| 5P49V5913A007NLGI                                               | 5P49V5913B003NLGI8 | 5P49V5914A502NLGI  |
| 5P49V5913A007NLGI8                                              | 5P49V5913B004NLGI  | 5P49V5914A502NLGI8 |
| 5P49V5913A504NLGI                                               | 5P49V5913B004NLGI8 | 5P49V5914A503NLGI  |
| 5P49V5913A504NLGI8                                              | 5P49V5913B005NLGI  | 5P49V5914A503NLGI8 |
| 5P49V5913A505NLGI                                               | 5P49V5913B005NLGI8 | 5P49V5914A504NLGI  |
| 5P49V5913A505NLGI8                                              | 5P49V5913B007NLGI  | 5P49V5914A504NLGI8 |
| 5P49V5913A506NLGI                                               | 5P49V5913B007NLGI8 | 5P49V5914A505NLGI  |
| 5P49V5913A506NLGI8                                              | 5P49V5913B504NLGI  | 5P49V5914A505NLGI8 |
| 5P49V5913A507NLGI                                               | 5P49V5913B504NLGI8 | 5P49V5914A506NLGI  |
| 5P49V5913A507NLGI8                                              | 5P49V5913B505NLGI  | 5P49V5914A506NLGI8 |
| 5P49V5913A508NLGI                                               | 5P49V5913B505NLGI8 | 5P49V5914A507NLGI  |
| 5P49V5913A508NLGI8                                              | 5P49V5913B506NLGI  | 5P49V5914A507NLGI8 |
| 5P49V5914A509NLGI                                               | 5P49V5914B514NLGI8 | 5P49V5923A514NLGI  |
| 5P49V5914A509NLGI8                                              | 5P49V5914B515NLGI  | 5P49V5923A514NLGI8 |
| 5P49V5914A511NLGI                                               | 5P49V5914B515NLGI8 | 5P49V5923A516NLGI  |
| 5P49V5914A511NLGI8                                              | 5P49V5914B517NLGI  | 5P49V5923A516NLGI8 |
| 5P49V5914A512NLGI                                               | 5P49V5914B517NLGI8 | 5P49V5923A517NLGI  |
| 5P49V5914A512NLGI8                                              | 5P49V5914B518NLGI  | 5P49V5923A517NLGI8 |
| 5P49V5914A513NLGI                                               | 5P49V5914B518NLGI8 | 5P49V5923A520NLGI  |
| 5P49V5914A513NLGI8                                              | 5P49V5914B519NLGI  | 5P49V5923A520NLGI8 |
| 5P49V5914A514NLGI                                               | 5P49V5914B519NLGI8 | 5P49V5923A522NLGI  |
| 5P49V5914A514NLGI8                                              | 5P49V5914BROONLGI8 | 5P49V5923A522NLGI8 |
| 5P49V5914AROONLGI8                                              | 5P49V5914BROOTNLGI | 5P49V5923A523NLGI  |

| IDT Part# s with "Y" die step on top mark to distinguish change |                    |                    |
|-----------------------------------------------------------------|--------------------|--------------------|
| 5P49V5914AROOTNLGI                                              | 5P49V5923A000NLGI  | 5P49V5923A523NLGI8 |
| 5P49V5914B000NLGI                                               | 5P49V5923A000NLGI8 | 5P49V5923AROONLGI8 |
| 5P49V5914B000NLGI8                                              | 5P49V5923A503NLGI  | 5P49V5923AROOTNLGI |
| 5P49V5914B001NLGI                                               | 5P49V5923A503NLGI8 | 5P49V5923B000NLGI  |
| 5P49V5914B001NLGI8                                              | 5P49V5923A504NLGI  | 5P49V5923B000NLGI8 |
| 5P49V5914B503NLGI                                               | 5P49V5923A504NLGI8 | 5P49V5923B503NLGI  |
| 5P49V5914B503NLGI8                                              | 5P49V5923A505NLGI  | 5P49V5923B503NLGI8 |
| 5P49V5914B504NLGI                                               | 5P49V5923A505NLGI8 | 5P49V5923B504NLGI  |
| 5P49V5914B504NLGI8                                              | 5P49V5923A506NLGI  | 5P49V5923B504NLGI8 |
| 5P49V5914B505NLGI                                               | 5P49V5923A506NLGI8 | 5P49V5923B505NLGI  |
| 5P49V5914B505NLGI8                                              | 5P49V5923A507NLGI  | 5P49V5923B505NLGI8 |
| 5P49V5914B506NLGI                                               | 5P49V5923A507NLGI8 | 5P49V5923B506NLGI  |
| 5P49V5914B506NLGI8                                              | 5P49V5923A508NLGI  | 5P49V5923B506NLGI8 |
| 5P49V5914B507NLGI                                               | 5P49V5923A508NLGI8 | 5P49V5923B507NLGI  |
| 5P49V5914B507NLGI8                                              | 5P49V5923A509NLGI  | 5P49V5923B507NLGI8 |
| 5P49V5914B509NLGI                                               | 5P49V5923A509NLGI8 | 5P49V5923B508NLGI  |
| 5P49V5914B509NLGI8                                              | 5P49V5923A510NLGI  | 5P49V5923B508NLGI8 |
| 5P49V5914B511NLGI                                               | 5P49V5923A510NLGI8 | 5P49V5923B509NLGI  |
| 5P49V5914B511NLGI8                                              | 5P49V5923A511NLGI  | 5P49V5923B509NLGI8 |
| 5P49V5914B512NLGI                                               | 5P49V5923A511NLGI8 | 5P49V5923B510NLGI  |
| 5P49V5914B512NLGI8                                              | 5P49V5923A512NLGI  | 5P49V5923B510NLGI8 |
| 5P49V5914B513NLGI                                               | 5P49V5923A512NLGI8 | 5P49V5923B511NLGI  |
| 5P49V5914B513NLGI8                                              | 5P49V5923A513NLGI  | 5P49V5923B511NLGI8 |
| 5P49V5914B514NLGI                                               | 5P49V5923A513NLGI8 | 5P49V5923B512NLGI  |
| 5P49V5923B512NLGI8                                              | 5P49V5925A505NLGI  | 5P49V5927AROOTNLGI |
| 5P49V5923B513NLGI                                               | 5P49V5925A505NLGI8 | 5P49V5927B000NLGI  |
| 5P49V5923B513NLGI8                                              | 5P49V5925A506NLGI  | 5P49V5927B000NLGI8 |
| 5P49V5923B514NLGI                                               | 5P49V5925A506NLGI8 | 5P49V5927B503NLGI  |
| 5P49V5923B514NLGI8                                              | 5P49V5925AROONLGI8 | 5P49V5927B503NLGI8 |
| 5P49V5923B515NLGI                                               | 5P49V5925AROOTNLGI | 5P49V5927B504NLGI  |
| 5P49V5923B515NLGI8                                              | 5P49V5925B000NLGI  | 5P49V5927B504NLGI8 |
| 5P49V5923B516NLGI                                               | 5P49V5925B000NLGI8 | 5P49V5927B505NLGI  |
| 5P49V5923B516NLGI8                                              | 5P49V5925B001NLGI  | 5P49V5927B505NLGI8 |
| 5P49V5923B517NLGI                                               | 5P49V5925B001NLGI8 | 5P49V5927BROONLGI8 |
| 5P49V5923B517NLGI8                                              | 5P49V5925B502NLGI  | 5P49V5927BROOTNLGI |
| 5P49V5923B518NLGI                                               | 5P49V5925B502NLGI8 | 5P49V5929A000NLGI  |
| 5P49V5923B518NLGI8                                              | 5P49V5925B503NLGI  | 5P49V5929A000NLGI8 |

| IDT Part# s with "Y" die step on top mark to distinguish change |                    |                     |
|-----------------------------------------------------------------|--------------------|---------------------|
| 5P49V5923B519NLGI                                               | 5P49V5925B503NLGI8 | 5P49V5929A001NLGI   |
| 5P49V5923B519NLGI8                                              | 5P49V5925B504NLGI  | 5P49V5929A001NLGI8  |
| 5P49V5923B520NLGI                                               | 5P49V5925B504NLGI8 | 5P49V5929A502NLGI   |
| 5P49V5923B520NLGI8                                              | 5P49V5925B505NLGI  | 5P49V5929A502NLGI8  |
| 5P49V5923B522NLGI                                               | 5P49V5925B505NLGI8 | 5P49V5929A506NLGI   |
| 5P49V5923B522NLGI8                                              | 5P49V5925B506NLGI  | 5P49V5929A506NLGI8  |
| 5P49V5923B523NLGI                                               | 5P49V5925B506NLGI8 | 5P49V5929A507NLGI   |
| 5P49V5923B523NLGI8                                              | 5P49V5925B507NLGI  | 5P49V5929A507NLGI8  |
| 5P49V5923B524NLGI                                               | 5P49V5925B507NLGI8 | 5P49V5929A508NLGI   |
| 5P49V5923B524NLGI8                                              | 5P49V5925B508NLGI  | 5P49V5929A508NLGI8  |
| 5P49V5923BROONLGI8                                              | 5P49V5925B508NLGI8 | 5P49V5929A509NLGI   |
| 5P49V5923BROOTNLGI                                              | 5P49V5925B509NLGI  | 5P49V5929A509NLGI8  |
| 5P49V5925A000NLGI                                               | 5P49V5925B509NLGI8 | 5P49V5929A510NLGI   |
| 5P49V5925A000NLGI8                                              | 5P49V5925BROONLGI8 | 5P49V5929A510NLGI8  |
| 5P49V5925A001NLGI                                               | 5P49V5925BROOTNLGI | 5P49V5929A511NLGI   |
| 5P49V5925A001NLGI8                                              | 5P49V5927A000NLGI  | 5P49V5929A511NLGI8  |
| 5P49V5925A502NLGI                                               | 5P49V5927A000NLGI8 | 5P49V5929A512NLGI   |
| 5P49V5925A502NLGI8                                              | 5P49V5927A504NLGI  | 5P49V5929A512NLGI8  |
| 5P49V5925A503NLGI                                               | 5P49V5927A504NLGI8 | 5P49V5929AROONLGI8  |
| 5P49V5925A503NLGI8                                              | 5P49V5927A505NLGI  | 5P49V5929AROOTNLGI  |
| 5P49V5925A504NLGI                                               | 5P49V5927A505NLGI8 | 5P49V5929B000NLGI   |
| 5P49V5925A504NLGI8                                              | 5P49V5927AROONLGI8 | 5P49V5929B000NLGI8  |
| 5P49V5929B502NLGI                                               | 5P49V5933A505LTGI8 | 5P49V5933B509LTGI   |
| 5P49V5929B502NLGI8                                              | 5P49V5933A506LTGI  | 5P49V5933B509LTGI8  |
| 5P49V5929B506NLGI                                               | 5P49V5933A506LTGI8 | 5P49V5933B510LTGI   |
| 5P49V5929B506NLGI8                                              | 5P49V5933A507LTGI  | 5P49V5933B510LTGI8  |
| 5P49V5929B507NLGI                                               | 5P49V5933A507LTGI8 | 5P49V5933B513LTGI   |
| 5P49V5929B507NLGI8                                              | 5P49V5933A508LTGI  | 5P49V5933B513LTGI8  |
| 5P49V5929B508NLGI                                               | 5P49V5933A508LTGI8 | 5P49V5933BROOTLTGI8 |
| 5P49V5929B508NLGI8                                              | 5P49V5933A509LTGI  | 5P49V5933BROOTLTGI  |
| 5P49V5929B509NLGI                                               | 5P49V5933A509LTGI8 | 5P49V5935A000LTGI   |
| 5P49V5929B509NLGI8                                              | 5P49V5933A510LTGI  | 5P49V5935A000LTGI8  |
| 5P49V5929B510NLGI                                               | 5P49V5933A510LTGI8 | 5P49V5935A502LTGI   |
| 5P49V5929B510NLGI8                                              | 5P49V5933A512LTGI  | 5P49V5935A502LTGI8  |
| 5P49V5929B511NLGI                                               | 5P49V5933A512LTGI8 | 5P49V5935A503LTGI   |
| 5P49V5929B511NLGI8                                              | 5P49V5933AROOLTGI8 | 5P49V5935A503LTGI8  |
| 5P49V5929B512NLGI                                               | 5P49V5933AROOTLTGI | 5P49V5935A504LTGI   |

| IDT Part# s with "Y" die step on top mark to distinguish change |                     |                     |
|-----------------------------------------------------------------|---------------------|---------------------|
| 5P49V5929B512NLGI8                                              | 5P49V5933B000LTGI   | 5P49V5935A504LTGI8  |
| 5P49V5929B514NLGI                                               | 5P49V5933B000LTGI8  | 5P49V5935A505LTGI   |
| 5P49V5929B514NLGI8                                              | 5P49V5933B500LTGI   | 5P49V5935A505LTGI8  |
| 5P49V5929B515NLGI                                               | 5P49V5933B500LTGI8  | 5P49V5935A506LTGI   |
| 5P49V5929B515NLGI8                                              | 5P49V5933B501LTGI   | 5P49V5935A506LTGI8  |
| 5P49V5929B516NLGI                                               | 5P49V5933B501LTGI8  | 5P49V5935A507LTGI   |
| 5P49V5929B516NLGI8                                              | 5P49V5933B502LTGI   | 5P49V5935A507LTGI8  |
| 5P49V5929BROONLGI8                                              | 5P49V5933B502LTGI8  | 5P49V5935A508LTGI   |
| 5P49V5929BROOTNLGI                                              | 5P49V5933B503LTGI   | 5P49V5935A508LTGI8  |
| 5P49V5933A000LTGI                                               | 5P49V5933B503LTGI8  | 5P49V5935A509LTGI   |
| 5P49V5933A000LTGI8                                              | 5P49V5933B504LTGI   | 5P49V5935A509LTGI8  |
| 5P49V5933A501LTGI                                               | 5P49V5933B504LTGI8  | 5P49V5935A511LTGI   |
| 5P49V5933A501LTGI8                                              | 5P49V5933B505LTGI   | 5P49V5935A511LTGI8  |
| 5P49V5933A502LTGI                                               | 5P49V5933B505LTGI8  | 5P49V5935A512LTGI   |
| 5P49V5933A502LTGI8                                              | 5P49V5933B506LTGI   | 5P49V5935A512LTGI8  |
| 5P49V5933A503LTGI                                               | 5P49V5933B506LTGI8  | 5P49V5935AROOTLTGI8 |
| 5P49V5933A503LTGI8                                              | 5P49V5933B507LTGI   | 5P49V5935AROOTLTGI  |
| 5P49V5933A504LTGI                                               | 5P49V5933B507LTGI8  | 5P49V5935B000LTGI   |
| 5P49V5933A504LTGI8                                              | 5P49V5933B508LTGI   | 5P49V5935B000LTGI8  |
| 5P49V5933A505LTGI                                               | 5P49V5933B508LTGI8  | 5P49V5935B500LTGI   |
| 5P49V5935B500LTGI8                                              | 5P49V5935B520LTGI   | 5P49V5944BROOTNDGI  |
| 5P49V5935B501LTGI                                               | 5P49V5935B520LTGI8  | 5P49V5975A000NLGI   |
| 5P49V5935B501LTGI8                                              | 5P49V5935BROOTLTGI8 | 5P49V5975A000NLGI8  |
| 5P49V5935B502LTGI                                               | 5P49V5935BROOTLTGI  | 5P49V5975AROONLGI8  |
| 5P49V5935B502LTGI8                                              | 5P49V5943A000NDGI   | 5P49V5975AROOTNLGI  |
| 5P49V5935B503LTGI                                               | 5P49V5943A000NDGI8  | 5P49V6901A000NLGI   |
| 5P49V5935B503LTGI8                                              | 5P49V5943A501NDGI   | 5P49V6901A000NLGI8  |
| 5P49V5935B504LTGI                                               | 5P49V5943A501NDGI8  | 5P49V6901A502NLGI   |
| 5P49V5935B504LTGI8                                              | 5P49V5943A502NDGI   | 5P49V6901A502NLGI8  |
| 5P49V5935B505LTGI                                               | 5P49V5943A502NDGI8  | 5P49V6901A503NLGI   |
| 5P49V5935B505LTGI8                                              | 5P49V5943AROONDGI8  | 5P49V6901A503NLGI8  |
| 5P49V5935B506LTGI                                               | 5P49V5943AROOTNDGI  | 5P49V6901A504NLGI   |
| 5P49V5935B506LTGI8                                              | 5P49V5943B000NDGI   | 5P49V6901A504NLGI8  |
| 5P49V5935B507LTGI                                               | 5P49V5943B000NDGI8  | 5P49V6901A505NLGI   |
| 5P49V5935B507LTGI8                                              | 5P49V5943B500NDGI   | 5P49V6901A505NLGI8  |
| 5P49V5935B508LTGI                                               | 5P49V5943B500NDGI8  | 5P49V6901A506NLGI   |
| 5P49V5935B508LTGI8                                              | 5P49V5943B501NDGI   | 5P49V6901A506NLGI8  |

| IDT Part# s with "Y" die step on top mark to distinguish change |                    |                   |
|-----------------------------------------------------------------|--------------------|-------------------|
| 5P49V5935B509LTGI                                               | 5P49V5943B501NDGI8 | 5V41345APGGI      |
| 5P49V5935B509LTGI8                                              | 5P49V5943B502NDGI  | 5V41345APGGI8     |
| 5P49V5935B511LTGI                                               | 5P49V5943B502NDGI8 | 6P41501NLG        |
| 5P49V5935B511LTGI8                                              | 5P49V5943B503NDGI  | 6P41501NLG8       |
| 5P49V5935B512LTGI                                               | 5P49V5943B503NDGI8 | 6P41558BNLGI      |
| 5P49V5935B512LTGI8                                              | 5P49V5943BROONDGI8 | 6P41558BNLGI8     |
| 5P49V5935B513LTGI                                               | 5P49V5943BROOTNDGI | 6P49907ANDGI      |
| 5P49V5935B513LTGI8                                              | 5P49V5944A000NDGI  | 6P49907ANDGI8     |
| 5P49V5935B515LTGI                                               | 5P49V5944A000NDGI8 | 6P49907BNDGI      |
| 5P49V5935B515LTGI8                                              | 5P49V5944A500NDGI  | 6P49907BNDGI8     |
| 5P49V5935B516LTGI                                               | 5P49V5944A500NDGI8 | 6P49907BROOTNDGI  |
| 5P49V5935B516LTGI8                                              | 5P49V5944AROONDGI8 | 6P49907BROOTNDGI8 |
| 5P49V5935B517LTGI                                               | 5P49V5944AROOTNDGI | 9FGP304BKILF      |
| 5P49V5935B517LTGI8                                              | 5P49V5944B000NDGI  | 9FGP304BKILFT     |
| 5P49V5935B518LTGI                                               | 5P49V5944B000NDGI8 | 9FGP304NLGI       |
| 5P49V5935B518LTGI8                                              | 5P49V5944B500NDGI  | 9FGP304NLGI8      |
| 5P49V5935B519LTGI                                               | 5P49V5944B500NDGI8 | 9P40301ANLGI      |
| 5P49V5935B519LTGI8                                              | 5P49V5944BROONDGI8 | 9P40301AROOTNLGI  |
| 5P49V6914A500NLGI                                               | 5P49V6901A507NLGI  | 9P40301BKILF      |
| 5P49V6914A500NLGI8                                              | 5P49V6901A507NLGI8 | 9P40301BKILFT     |
| 5P49V6914A501NLGI                                               | 5P49V6901AROONLGI8 |                   |
| 5P49V6914A501NLGI8                                              | 5P49V6901AROOTNLGI |                   |
| 5P49V6914AROONLGI8                                              | 5P49V6913A000NLGI  |                   |
| 5P49V6914AROOTNLGI                                              | 5P49V6913A000NLGI8 |                   |
| 5P49V6933A000LTGI                                               | 5P49V6913A500NLGI  |                   |
| 5P49V6933A000LTGI8                                              | 5P49V6913A500NLGI8 |                   |
| 5P49V6933AROOLTGI8                                              | 5P49V6913A501NLGI  |                   |
| 5P49V6933AROOTLTGI                                              | 5P49V6913A501NLGI8 |                   |
| 5P49V6935A000LTGI                                               | 5P49V6913A503NLGI  |                   |
| 5P49V6935A000LTGI8                                              | 5P49V6913A503NLGI8 |                   |
| 5P49V6935AROOLTGI8                                              | 5P49V6913A504NLGI  |                   |
| 5P49V6935AROOTLTGI                                              | 5P49V6913A504NLGI8 |                   |
| 5P49V6965A000NLGI                                               | 5P49V6913AROONLGI8 |                   |
| 5P49V6965A000NLGI8                                              | 5P49V6913AROOTNLGI |                   |
| 5P49V6965AROONLGI8                                              | 5P49V6914A000NLGI  |                   |
| 5P49V6965AROOTNLGI                                              | 5P49V6914A000NLGI8 |                   |