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|--------------------------------|---|
| <b>Title of Change:</b>        | Correction of Typos in Datasheet changes and clarification of test method in 5,6, and 8 lead Minigates.   |
| <b>Effective date:</b>         | 16 Jul 2020   |
| <b>Contact information:</b>    | Contact your local ON Semiconductor Sales Office or <a href="mailto:logic.fpcn@onsemi.com">logic.fpcn@onsemi.com</a>  |
| <b>Type of notification:</b>   | This Product Bulletin is for notification purposes only.<br>ON Semiconductor will proceed with implementation of this change upon publication of this Product Bulletin. |
| <b>Change Category:</b>        | Datasheet Change  |
| <b>Change Sub-Category(s):</b> | Datasheet/Product Doc change  |

**Sites Affected:**

| ON Semiconductor Sites | External Foundry/Subcon Sites |
|------------------------|-------------------------------|
| None                   | None                          |

**Description and Purpose:**

ON Semiconductor is updating its Datasheets for Minigate™ devices to correct typo errors found after the new datasheet format changes were announced in the PCNs and in PBs. This change does not impact the form, fit, or function of the devices. The thermal data will be standardized to the JESD51-7 test criteria. Datasheets with 5,6 and 8 lead parts will be updated to the following criteria and the test method will be added to all datasheets:

| $\theta_{ja}$ , °C/W | New | Existing |
|----------------------|-----|----------|
| SC-88/88A            | 377 | 659      |
| SC-74/74A            | 320 | 555      |
| SOT553/SOT563        | 324 | 434      |
| SOT953/SOT963        | 254 | 560      |
| uDFN6                | 154 | 382      |
| MicroPak 6           | 154 | 382      |

| $\theta_{ja}$ , °C/W | New | Existing |
|----------------------|-----|----------|
| US8                  | 250 | 250      |
| MicroPak 8           | 232 | 111      |
| uDFN8                | 231 | 111      |
| uQFN8                | 210 | 208      |
|                      |     |          |

| Pd, mW        | New | Existing |
|---------------|-----|----------|
| SC-88/88A     | 332 | 190      |
| SC-74/74A     | 390 | 225      |
| SOT553/SOT563 | 386 | 222      |
| SOT953/SOT963 | 491 | 223      |
| uDFN6         | 812 | 327      |
| MicroPak 6    | 812 | 327      |

| Pd, mW     | New | Existing |
|------------|-----|----------|
| US8        | 500 | 250      |
| MicroPak 8 | 539 | 601      |
| uDFN8      | 541 | 601      |
| uQFN8      | 595 | 1127     |
|            |     |          |

**List of Affected Standard Parts:**

**Note:** Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the [PCN Customized Portal](#).

|                   |                   |                    |
|-------------------|-------------------|--------------------|
| NL18SZ125DFT2G    | M74VHC1GT04DFT3G  | MC74VHC1G01DBVT1G  |
| MC74HC1G02DBVT1G  | MC74VHC1G03DBVT1G | MC74VHC1GT04DBVT1G |
| MC74VHC1G07DBVT1G | MC74VHC1G50DBVT1G | MC74VHC1GT86DBVT1G |



|                     |                     |                     |
|---------------------|---------------------|---------------------|
| MC74HC1GU04DBVT1G   | NL17SZ05DBVT1G      | NL17SZ16DBVT1G      |
| NL17SZ38DBVT1G      | MC74VHC1GT50XV5T2G  | MC74VHC1G00P5T5G    |
| MC74VHC1G02P5T5G    | MC74VHC1G04P5T5G    | MC74VHC1GT08P5T5G   |
| NL17SZ34P5T5G       | NL17SZ86P5T5G       | NL17SGU04DFT2G      |
| MC74VHC1G08MU1TCG   | MC74VHC1G08MU3TCG   | MC74VHC1G08MU2TCG   |
| MC74VHC1GT125MU1TCG | MC74VHC1GT125MU3TCG | MC74VHC1GT125MU2TCG |
| NL27WZ14MU3TCG      | NL27WZ14MU1TCG      | NL27WZ16MU1TCG      |
| NL27WZ16MU3TCG      | NL27WZ16MU2TCG      | MC74VHC1GT08MU1TCG  |
| NL17SZ125MU3TCG     | MC74VHC1GT08MU3TCG  | NL27WZ04DBVT1G      |
| NL27WZ16DBVT1G      | NL17SZ11DBVT1G      | NL7SZ18DBVT1G       |
| NL7SZ57DBVT1G       | NL7SZ58DBVT1G       | NL17SZ157DBVT1G     |
| NL17SZ175DBVT1G     | NLJ27WZ14DFT2G      | NLJ27WZ17DFT2G      |
| NC7ST32L6X          | NC7SZ38FHX          | NL17SG00MU1TCG      |
| NL17SG02MU1TCG      | NL17SG04MU1TCG      | NL17SG07MU1TCG      |
| NL17SG08MU1TCG      | NL17SG08MU3TCG      | NL17SG14MU1TCG      |
| NL17SG17MU1TCG      | NL17SG32MU1TCG      | NL17SG32MU3TCG      |
| NL17SG34MU1TCG      | NL17SG86MU1TCG      | NL17SG86MU3TCG      |
| NL17SGU04MU1TCG     | NLJ27WZ125USG       | NLJ37WZ07USG        |
| NLJ37WZ14USG        | NLJ37WZ16USG        | NL17SZ74MQ1TCG      |
| NL27WZ86MQ1TCG      | NL27WZ02MU3TCG      | NL27WZ08MU3TCG      |
| MC74VHC1G08EDFT2G   | MC74VHC1G09EDFT2G   | MC74VHC1G32EDFT2G   |
| MC74VHC1GT125EDFT2G | NL17SZ06EDFT2G      | NL17SZ07EDFT2G      |
| NL17SZ04EDFT2G      | NL17SZ08EDFT2G      | MC74VHC1GT08EDFT2G  |
| NLV17SZ240DFT2G     | M74VHC1GT02DFT1G    | M74VHC1G135DFT1G    |
| NL17SZ16DFT2G       | MC74VHC1G08DFT2G    | NL17SZ08DFT2G       |
| NL17SZ125DFT2G      | NL17SZ17DFT2G       | M74VHC1GT08DFT2G    |
| MC74VHC1G32DFT2G    | MC74HC1G14DFT1G     | M74VHC1GT04DFT1G    |
| M74VHC1GT50DFT1G    | M74VHC1GT126DF1G    | MC74HC1G00DFT2G     |
| MC74HC1G02DFT2G     | MC74VHC1G01DFT1G    | M74VHC1GU04DFT2G    |
| NC7SZ05P5X          | NC7ST00P5X          | NC7ST02P5X          |
| NC7ST04P5X          | NC7ST08P5X          | NC7ST86P5X          |
| NC7S02P5X           | NC7SU04P5X          | NC7SZ38P5X          |
| MC74VHC1GT00DBVT1G  | MC74HC1G00DBVT1G    | MC74VHC1G00DBVT1G   |
| MC74VHC1G02DBVT1G   | MC74HC1G14DBVT1G    | MC74VHC1G132DBVT1G  |
| MC74VHC1G135DBVT1G  | MC74VHC1GU04DBVT1G  | NL17SZ00DBVT1G      |
| NL17SZ02DBVT1G      | NL17SZ04DBVT1G      | NL17SZ06DBVT1G      |
| NL17SZ07DBVT1G      | NL17SZ08DBVT1G      | NL17SZ126DBVT1G     |



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| NL17SZ14DBVT1G   | NL17SZ17DBVT1G   | NL17SZ32DBVT1G   |
| NL17SZ86DBVT1G   | NL17SZU04DBVT1G  | NC7ST02M5X       |
| NC7S00M5X        | NC7SZ00M5X       | NC7SZ86M5X       |
| NC7SZ05M5X       | NC7ST04M5X       | NC7ST08M5X       |
| NC7SZ38M5X       | NC7ST00M5X       | NC7SU04M5X       |
| NC7S14M5X        | NC7SZ04M5X       | NL17SZ00P5T5G    |
| NL17SZ14P5T5G    | NL17SZU04P5T5G   | NL17SG00P5T5G    |
| NL17SG126P5T6G   | NC7SV00P5X       | NC7SV05P5X       |
| NC7SP86P5X       | NL27WZ17MU3TCG   | NC7SU04L6X       |
| NC7SZ19L6X       | NC7SZ373L6X      | NC7SZ05L6X       |
| NC7WZU04L6X      | NC7S00L6X        | NC7SZ27L6X       |
| NC7SZ18L6X       | NC7SZ10L6X       | NC7ST08L6X       |
| NC7ST86L6X       | NC7S02L6X        | NC7ST00L6X       |
| NC7SZ00FHX       | NC7SZ02FHX       | NC7SP126L6X      |
| NC7SV17L6X       | NC7SP14L6X       | NC7SP57L6X       |
| NC7SP86L6X       | NC7SV04L6X       | NC7WV17L6X       |
| NC7SV02L6X       | NC7WV04L6X       | NC7WV16L6X       |
| NC7SV126L6X      | NC7WV07L6X       | NC7SP32L6X       |
| NC7SP17L6X       | NC7SV00L6X       | NC7SP19L6X       |
| NC7SV17FHX       | NC7SP08FHX       | NC7SP17FHX       |
| NC7SP126FHX      | NC7SV00FHX       | NC7SV02FHX       |
| NC7SV58FHX       | NC7NP14L8X       | NC7NZ14K8X       |
| NC7NZ17K8X       | NC7WZ00K8X       | NC7WZ02K8X       |
| NC7WZ125K8X      | NC7WZ126K8X      | NC7WZ132K8X      |
| NL27WZ08MU1TCG   | NL27WZ08MQ1TCG   | MC74HC1G08DFT2G  |
| NL17SZ00DFT2G    | MC74VHC1G14DFT1G | M74VHC1GT125DF1G |
| M74VHC1G125DFT2G | MC74VHC1G04DFT2G | MC74VHC1G09DFT2G |
| NL17SZ02DFT2G    | M74VHC1GT08DFT1G | M74VHC1G125DFT1G |
| MC74HC1G14DFT2G  | NL17SZ04DFT2G    | NL17SZ06DFT2G    |
| MC74VHC1G08DFT1G | NL17SZU04DFT2G   | MC74VHC1G00DFT2G |
| MC74VHC1G07DFT1G | MC74HC1G08DFT1G  | MC74HC1G04DFT2G  |
| M74VHC1GT04DFT2G | MC74VHC1G02DFT2G | M74VHC1G132DFT2G |
| M74VHC1G132DFT1G | MC74HC1G32DFT2G  | NL17SZ86DFT2G    |
| MC74VHC1G32DFT1G | M74VHC1GT50DFT2G | MC74HC1G04DFT1G  |
| M74VHC1GT86DFT2G | M74VHC1GT126DF2G | MC74VHC1G50DFT2G |
| M74VHC1GT00DFT1G | M74VHC1GT86DFT1G | M74VHC1GU04DFT1G |
| MC74HC1G00DFT1G  | MC74HC1GU04DFT1G | MC74HC1GU04DFT2G |



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| MC74VHC1G86DFT1G   | NL17VHC1GT50DF1G    | M74VHC1GT02DFT2G    |
| M74VHC1GT32DFT2G   | MC74HC1G32DFT1G     | MC74VHC1G00DFT1G    |
| MC74VHC1G01DFT2G   | MC74VHC1G03DFT1G    | MC74VHC1G03DFT2G    |
| MC74VHC1G05DFT1G   | MC74VHC1G125DFT1G   | MC74VHC1G50DFT1G    |
| MC74VHC1GU04DF1G   | M74VHC1G126DFT1G    | M74VHC1GT32DFT1G    |
| MC74VHC1G09DFT1G   | MC74VHC1G02DFT1G    | MC74VHC1G04DFT1G    |
| MC74VHC1G07DFT2G   | M74VHC1GT125DF2G    | MC74VHC1G14DFT2G    |
| M74VHC1G135DFT2G   | M74VHC1GT00DFT2G    | M74VHC1GT14DFT1G    |
| M74VHC1GT14DFT2G   | MC74VHC1G86DFT2G    | MC74VHC1G05DFT2G    |
| NC7SZ04P5X         | NC7SZ14P5X          | NC7S08P5X           |
| NC7S04P5X          | NC7SZ00P5X          | NC7SZ126P5X         |
| NC7S14P5X          | NC7SZU04P5X         | NC7SZ02P5X          |
| NC7SZ86P5X         | NC7S00P5X           | NC7S86P5X           |
| NC7S32P5X          | MC74VHC1GT125DBVT1G | MC74VHC1GT02DBVT1G  |
| MC74HC1G04DBVT1G   | MC74VHC1G04DBVT1G   | MC74VHC1G05DBVT1G   |
| MC74VHC1GT08DBVT1G | MC74HC1G08DBVT1G    | MC74VHC1G08DBVT1G   |
| MC74VHC1G09DBVT1G  | MC74VHC1GT14DBVT1G  | MC74VHC1G14DBVT1G   |
| MC74VHC1GT32DBVT1G | MC74HC1G32DBVT1G    | MC74VHC1G32DBVT1G   |
| MC74VHC1GT50DBVT1G | MC74VHC1G86DBVT1G   | MC74VHC1G125DBVT1G  |
| NL17SZ125DBVT1G    | MC74VHC1G126DBVT1G  | MC74VHC1GT126DBVT1G |
| NC7SZ02M5X         | NC7ST32M5X          | NC7S32M5X           |
| NC7S86M5X          | NC7S08M5X           | NL17SZ08XV5T2G      |
| NL17SZ32XV5T2G     | NL17SZ07XV5T2G      | NL17SZ04XV5T2G      |
| NL17SZ125XV5T2G    | NL17SZ02XV5T2G      | NL17SZ06XV5T2G      |
| NL17SZ16XV5T2G     | NL17SZU04XV5T2G     | NL17SZ126XV5T2G     |
| NL17SZ00XV5T2G     | MC74VHC1GT00P5T5G   | MC74VHC1GT04P5T5G   |
| MC74VHC1G08P5T5G   | MC74VHC1G14P5T5G    | MC74VHC1G32P5T5G    |
| MC74VHC1GT32P5T5G  | MC74VHC1G50P5T5G    | MC74VHC1G125P5T5G   |
| MC74VHC1G126P5T5G  | MC74VHC1GT126P5T5G  | NL17SZ02P5T5G       |
| NL17SZ04P5T5G      | NL17SZ05P5T5G       | NL17SZ07P5T5G       |
| NL17SZ08P5T5G      | NL17SZ125P5T5G      | NL17SZ126P5T5G      |
| NL17SZ17P5T5G      | NL17SZ32P5T5G       | NL17SG00DFT2G       |
| NL17SV00XV5T2G     | NL17SG02DFT2G       | NL17SG02P5T5G       |
| NL17SG34P5T5G      | NL17SG86DFT2G       | NL17SG86P5T5G       |
| NL17SG125DFT2G     | NL17SG125P5T5G      | NL17SG126DFT2G      |
| NL17SG126P5T5G     | NL17SGU04P5T5G      | NC7SV32P5X          |
| NC7SP05P5X         | NC7SP38P5X          | NC7SV125P5X         |



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|--------------------|-------------------|--------------------|
| NC7SV14P5X         | NC7SP126P5X       | NC7SP34P5X         |
| NC7SV02P5X         | NC7SVU04P5X       | NC7SP32P5X         |
| NC7SV86P5X         | NC7SP02P5X        | NC7SP04P5X         |
| NC7SP08P5X         | NC7SV126P5X       | NC7SP14P5X         |
| NC7SV17P5X         | NC7SV08P5X        | NC7SV34P5X         |
| NC7SP17P5X         | NC7SP125P5X       | NC7SP00P5X         |
| NC7SV04P5X         | NC7SPU04P5X       | NL17SG34DFT2G      |
| NL17SV32XV5T2G     | NL17SG32P5T5G     | NL17SG32DFT2G      |
| NL17SG17P5T5G      | NL17SG17DFT2G     | NL17SV16XV5T2G     |
| NL17SG14P5T5G      | NL17SG14DFT2G     | NL17SV08XV5T2G     |
| NL17SG08P5T5G      | NL17SG08DFT2G     | NL17SG07P5T5G      |
| NL17SG07DFT2G      | NL17SV04XV5T2G    | NL17SG04P5T5G      |
| NL17SG04DFT2G      | NL17SV02XV5T2G    | MC74VHC1GT14MU1TCG |
| MC74VHC1GT14MU2TCG | MC74VHC1G32MU1TCG | MC74VHC1G32MU3TCG  |
| MC74VHC1G32MU2TCG  | NL27WZ17MU1TCG    | MC74VHC1GT14MU3TCG |
| NL27WZ06DBVT1G     | NL27WZ07DBVT1G    | NL27WZ14DBVT1G     |
| NL27WZU04DBVT1G    | NL27WZ17DBVT1G    | NL17SZ332DBVT1G    |
| NL7SZ97DBVT1G      | NL7SZ58DFT2G      | NL7SZ19DFT2G       |
| NL7SZ98DFT2G       | NL27WZ04DFT1G     | NL27WZ06DFT2G      |
| NC7SZ57P6X         | NC7SZ10P6X        | NC7SZ19P6X         |
| NC7SZ27P6X         | NC7SZ332P6X       | NC7SZ373P6X        |
| NC7SZ374P6X        | NC7SZ386P6X       | NC7WZ14EP6X        |
| NC7SZ00L6X         | NC7WZ07L6X        | NC7SZ04L6X         |
| NC7WZ14L6X         | NC7SZ11L6X        | NC7SZ57L6X         |
| NC7S08L6X          | NC7WZ16L6X        | NC7SZ08L6X         |
| NC7SZ58L6X         | NC7SZ32L6X        | NC7SZ126L6X        |
| NC7SZ175L6X        | NC7SZ86L6X        | NC7SZ157L6X        |
| NC7SZ332L6X        | NC7S04L6X         | NC7SZ02L6X         |
| NC7SZ14L6X         | NC7SZU04L6X       | NC7S86L6X          |
| NC7ST02L6X         | NC7SZ38L6X        | NC7SZ386L6X        |
| NC7S32L6X          | NC7SZ374L6X       | NC7S14L6X          |
| NC7WZ17FHX         | NC7SZ157FHX       | NC7SZ32FHX         |
| NC7SZ08FHX         | NC7WZ07FHX        | NC7WZ04FHX         |
| NC7SZ126FHX        | NC7SZ57FHX        | NC7SZ125FHX        |
| NC7SZ05FHX         | NC7SZ58FHX        | NC7SZ04FHX         |
| NC7SZ14FHX         | NC7WZ14FHX        | NC7SZU04FHX        |
| NC7WZ16FHX         | NC7SZ19FHX        | NC7SZ18FHX         |



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| NC7SZ86FHX     | NC7SP08L6X    | NC7SP04L6X     |
| NC7SV08L6X     | NC7SPU04L6X   | NC7SP125L6X    |
| NC7SV125L6X    | NC7SV11L6X    | NC7SP157L6X    |
| NC7SP00L6X     | NC7SV157L6X   | NC7WP14L6X     |
| NC7SP38L6X     | NC7SP34L6X    | NC7SV32L6X     |
| NC7SVU04L6X    | NC7SV57L6X    | NC7SV86L6X     |
| NC7SP05L6X     | NC7SV19L6X    | NC7WV14L6X     |
| NC7SV14L6X     | NC7SP02L6X    | NC7SV58L6X     |
| NC7SV34L6X     | NC7SP58L6X    | NC7SV05L6X     |
| NC7SV08FHX     | NC7SV32FHX    | NC7SV04FHX     |
| NC7SV05FHX     | NC7SV57FHX    | NC7SP04FHX     |
| NL17SG373DFT2G | NC7SP19P6X    | NC7SV11P6X     |
| NC7WV07P6X     | NC7SV58P6X    | NC7WV17P6X     |
| NC7SP58P6X     | NC7SP157P6X   | NC7SV19P6X     |
| NC7WP14P6X     | NC7WV14P6X    | NC7SV57P6X     |
| NC7SV157P6X    | NC7WV04P6X    | NC7SP57P6X     |
| NC7WV16P6X     | NL27WZ00USG   | NL27WZ125USG   |
| NL27WZ126USG   | NL27WZ32USG   | NL27WZ86USG    |
| NL37WZ04USG    | NL37WZ06USG   | NL37WZ07USG    |
| NL37WZ14USG    | NL37WZ16USG   | NC7WZ240K8X    |
| NC7WZ241K8X    | NC7WZ38K8X    | NC7WZ86K8X     |
| NC7SZ74L8X     | NC7NZ34L8X    | NC7WZ125L8X    |
| NC7WZ126L8X    | NC7NZ17L8X    | NC7WZ02L8X     |
| NC7NZ04L8X     | NC7WZ08L8X    | NC7WZ241L8X    |
| NC7WZ00L8X     | NC7NZ14L8X    | NC7WZ240L8X    |
| NC7WZ32L8X     | NC7WZ38L8X    | NC7WZ132L8X    |
| NL27WZ08MU1TWG | NLSF457MU3TCG | NL27WZ02MU1TCG |
| NL27WZ02MU1TWG | NC7SP74L8X    | NC7SV74L8X     |
| NC7WP08L8X     | NC7WP00L8X    | NC7WP02L8X     |
| NC7WP125L8X    | NC7WP32L8X    | NC7NP34L8X     |
| NC7SP74K8X     | NC7NP14K8X    | NC7WP125K8X    |
| NC7SV74K8X     | NC7WP00K8X    | NC7WP02K8X     |
| NC7WP08K8X     | NC7WP32K8X    | NC7WV125K8X    |
| NC7NP34K8X     |               |                |

Japanese translation of the notification starts here.  
通知の日本語訳はここから始まります。

*Note: The Japanese version is for reference only. In case of any differences between the English and Japanese version, the English version shall control.*

注：日本語版は参照用です。英語版と日本語版の違いがある場合は、英語版が優先されます。



| 変更件名:  | データシート変更における誤植の修正、および 5、6、8 リードの MiniGate のテスト方法の明確化  |                      |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
|--|---|----------------------|-----|-----|-----------|-----|-----|-----------|-----|-----|---------------|-----|-----|---------------|-----|-----|-------|-----|-----|------------|-----|-----|--|----------------------|-----|-----|-----|-----|-----|------------|-----|-----|-------|-----|-----|-------|-----|------|--|--|--|
| 発効日:   | 16 Jul 2020   |                      |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| 連絡先情報:   | 現地のオン・セミコンダクター営業所または <a href="mailto:logic.fpcn@onsemi.com">logic.fpcn@onsemi.com</a> にお問い合わせください。  |                      |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| 通知種別:  | 本製品速報は通知目的のみのものです。オン・セミコンダクターは本製品速報の発行により本変更を実行します。   |                      |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| 変更カテゴリ:  | データシート変更  |                      |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| 変更サブカテゴリ:  | データシート/製品資料の変更  |                      |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| 影響を受ける拠点:  |   |                      |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| オン・セミコンダクター拠点:   | 外部製造工場 / 下請業者拠点:  |                      |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| なし   | なし  |                      |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| 説明および目的:   |   |                      |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| <p>オン・セミコンダクターは、PCN および PB で新しいデータシートフォーマットの変更をお知らせしてから見つかった誤植を修正するために MiniGate™ 製品のデータシートを更新しています。この変更は製品の形状、適合性、または機能に影響を及ぼしません。温度データは JESD51-7 テスト基準に標準化されます。5、6、8 リードの製品のデータシートは、以下の規格に更新され、テスト方法がすべてのデータシートに追加されます。</p> |   |                      |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
|  | <table border="1"> <thead> <tr> <th><math>\theta_{ja}</math>, °C/W</th> <th>修正後</th> <th>修正前</th> </tr> </thead> <tbody> <tr> <td>SC-88/88A</td> <td>377</td> <td>659</td> </tr> <tr> <td>SC-74/74A</td> <td>320</td> <td>555</td> </tr> <tr> <td>SOT553/SOT563</td> <td>324</td> <td>434</td> </tr> <tr> <td>SOT953/SOT963</td> <td>254</td> <td>560</td> </tr> <tr> <td>uDFN6</td> <td>154</td> <td>382</td> </tr> <tr> <td>MicroPak 6</td> <td>154</td> <td>382</td> </tr> </tbody> </table> | $\theta_{ja}$ , °C/W | 修正後 | 修正前 | SC-88/88A | 377 | 659 | SC-74/74A | 320 | 555 | SOT553/SOT563 | 324 | 434 | SOT953/SOT963 | 254 | 560 | uDFN6 | 154 | 382 | MicroPak 6 | 154 | 382 | <table border="1"> <thead> <tr> <th><math>\theta_{ja}</math>, °C/W</th> <th>修正後</th> <th>修正前</th> </tr> </thead> <tbody> <tr> <td>US8</td> <td>250</td> <td>250</td> </tr> <tr> <td>MicroPak 8</td> <td>232</td> <td>111</td> </tr> <tr> <td>uDFN8</td> <td>231</td> <td>111</td> </tr> <tr> <td>uQFN8</td> <td>210</td> <td>208</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table> | $\theta_{ja}$ , °C/W | 修正後 | 修正前 | US8 | 250 | 250 | MicroPak 8 | 232 | 111 | uDFN8 | 231 | 111 | uQFN8 | 210 | 208  |  |  |  |
| $\theta_{ja}$ , °C/W   | 修正後   | 修正前                  |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| SC-88/88A  | 377   | 659                  |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| SC-74/74A  | 320   | 555                  |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| SOT553/SOT563  | 324   | 434                  |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| SOT953/SOT963  | 254   | 560                  |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| uDFN6  | 154   | 382                  |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| MicroPak 6   | 154   | 382                  |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| $\theta_{ja}$ , °C/W   | 修正後   | 修正前                  |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| US8  | 250   | 250                  |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| MicroPak 8   | 232   | 111                  |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| uDFN8  | 231   | 111                  |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| uQFN8  | 210   | 208                  |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
|  |   |                      |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
|  | <table border="1"> <thead> <tr> <th>Pd, mW</th> <th>修正後</th> <th>修正前</th> </tr> </thead> <tbody> <tr> <td>SC-88/88A</td> <td>332</td> <td>190</td> </tr> <tr> <td>SC-74/74A</td> <td>390</td> <td>225</td> </tr> <tr> <td>SOT553/SOT563</td> <td>386</td> <td>222</td> </tr> <tr> <td>SOT953/SOT963</td> <td>491</td> <td>223</td> </tr> <tr> <td>uDFN6</td> <td>812</td> <td>327</td> </tr> <tr> <td>MicroPak 6</td> <td>812</td> <td>327</td> </tr> </tbody> </table>                         | Pd, mW               | 修正後 | 修正前 | SC-88/88A | 332 | 190 | SC-74/74A | 390 | 225 | SOT553/SOT563 | 386 | 222 | SOT953/SOT963 | 491 | 223 | uDFN6 | 812 | 327 | MicroPak 6 | 812 | 327 | <table border="1"> <thead> <tr> <th>Pd, mW</th> <th>修正後</th> <th>修正前</th> </tr> </thead> <tbody> <tr> <td>US8</td> <td>500</td> <td>250</td> </tr> <tr> <td>MicroPak 8</td> <td>539</td> <td>601</td> </tr> <tr> <td>uDFN8</td> <td>541</td> <td>601</td> </tr> <tr> <td>uQFN8</td> <td>595</td> <td>1127</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>                        | Pd, mW               | 修正後 | 修正前 | US8 | 500 | 250 | MicroPak 8 | 539 | 601 | uDFN8 | 541 | 601 | uQFN8 | 595 | 1127 |  |  |  |
| Pd, mW   | 修正後   | 修正前                  |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| SC-88/88A  | 332   | 190                  |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| SC-74/74A  | 390   | 225                  |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| SOT553/SOT563  | 386   | 222                  |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| SOT953/SOT963  | 491   | 223                  |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| uDFN6  | 812   | 327                  |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| MicroPak 6   | 812   | 327                  |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| Pd, mW   | 修正後   | 修正前                  |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| US8  | 500   | 250                  |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| MicroPak 8   | 539   | 601                  |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| uDFN8  | 541   | 601                  |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
| uQFN8  | 595   | 1127                 |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |
|  |   |                      |     |     |           |     |     |           |     |     |               |     |     |               |     |     |       |     |     |            |     |     |  |                      |     |     |     |     |     |            |     |     |       |     |     |       |     |      |  |  |  |





## 影響を受ける部品の一覧:

注: 標準の部品番号(既製品)のみが部品一覧に記載されます。本 PCN に影響を受けるカスタム 部品は、PCN メールのお客様の特定の PCN の付属文書、または PCN カスタマイズポータルに記載されています。

|                     |                     |                     |
|---------------------|---------------------|---------------------|
| NL18SZ125DFT2G      | M74VHC1GT04DFT3G    | MC74VHC1G01DBVT1G   |
| MC74HC1G02DBVT1G    | MC74VHC1G03DBVT1G   | MC74VHC1GT04DBVT1G  |
| MC74VHC1G07DBVT1G   | MC74VHC1G50DBVT1G   | MC74VHC1GT86DBVT1G  |
| MC74HC1GU04DBVT1G   | NL17SZ05DBVT1G      | NL17SZ16DBVT1G      |
| NL17SZ38DBVT1G      | MC74VHC1GT50XV5T2G  | MC74VHC1G00P5T5G    |
| MC74VHC1G02P5T5G    | MC74VHC1G04P5T5G    | MC74VHC1GT08P5T5G   |
| NL17SZ34P5T5G       | NL17SZ86P5T5G       | NL17SGU04DFT2G      |
| MC74VHC1G08MU1TCG   | MC74VHC1G08MU3TCG   | MC74VHC1G08MU2TCG   |
| MC74VHC1GT125MU1TCG | MC74VHC1GT125MU3TCG | MC74VHC1GT125MU2TCG |
| NL27WZ14MU3TCG      | NL27WZ14MU1TCG      | NL27WZ16MU1TCG      |
| NL27WZ16MU3TCG      | NL27WZ16MU2TCG      | MC74VHC1GT08MU1TCG  |
| NL17SZ125MU3TCG     | MC74VHC1GT08MU3TCG  | NL27WZ04DBVT1G      |
| NL27WZ16DBVT1G      | NL17SZ11DBVT1G      | NL7SZ18DBVT1G       |
| NL7SZ57DBVT1G       | NL7SZ58DBVT1G       | NL17SZ157DBVT1G     |
| NL17SZ175DBVT1G     | NLJ27WZ14DFT2G      | NLJ27WZ17DFT2G      |
| NC7ST32L6X          | NC7SZ38FHX          | NL17SG00MU1TCG      |
| NL17SG02MU1TCG      | NL17SG04MU1TCG      | NL17SG07MU1TCG      |
| NL17SG08MU1TCG      | NL17SG08MU3TCG      | NL17SG14MU1TCG      |
| NL17SG17MU1TCG      | NL17SG32MU1TCG      | NL17SG32MU3TCG      |
| NL17SG34MU1TCG      | NL17SG86MU1TCG      | NL17SG86MU3TCG      |
| NL17SGU04MU1TCG     | NLJ27WZ125USG       | NLJ37WZ07USG        |
| NLJ37WZ14USG        | NLJ37WZ16USG        | NC7NZ14K8X          |
| NC7NZ17K8X          | NC7WZ00K8X          | NC7WZ02K8X          |
| NC7WZ125K8X         | NC7WZ126K8X         | NC7WZ132K8X         |
| NL17SZ74MQ1TCG      | NL27WZ86MQ1TCG      | NL27WZ08MU1TCG      |
| NL27WZ08MQ1TCG      | NL27WZ02MU3TCG      | NL27WZ08MU3TCG      |
| MC74VHC1G08EDFT2G   | MC74VHC1G09EDFT2G   | MC74VHC1G32EDFT2G   |
| MC74VHC1GT125EDFT2G | NL17SZ06EDFT2G      | NL17SZ07EDFT2G      |
| NL17SZ04EDFT2G      | NL17SZ08EDFT2G      | MC74VHC1GT08EDFT2G  |
| NLV17SZ240DFT2G     | M74VHC1GT02DFT1G    | M74VHC1G135DFT1G    |
| NL17SZ16DFT2G       | MC74VHC1G08DFT2G    | NL17SZ08DFT2G       |



|                    |                   |                     |
|--------------------|-------------------|---------------------|
| NL17SZ125DFT2G     | NL17SZ17DFT2G     | M74VHC1GT08DFT2G    |
| MC74VHC1G32DFT2G   | MC74HC1G14DFT1G   | M74VHC1GT04DFT1G    |
| M74VHC1GT50DFT1G   | M74VHC1GT126DF1G  | MC74HC1G08DFT2G     |
| NL17SZ00DFT2G      | MC74VHC1G14DFT1G  | M74VHC1GT125DF1G    |
| M74VHC1G125DFT2G   | MC74VHC1G04DFT2G  | MC74VHC1G09DFT2G    |
| NL17SZ02DFT2G      | M74VHC1GT08DFT1G  | M74VHC1G125DFT1G    |
| MC74HC1G14DFT2G    | NL17SZ04DFT2G     | NL17SZ06DFT2G       |
| MC74VHC1G08DFT1G   | NL17SZU04DFT2G    | MC74VHC1G00DFT2G    |
| MC74VHC1G07DFT1G   | MC74HC1G08DFT1G   | MC74HC1G04DFT2G     |
| M74VHC1GT04DFT2G   | MC74VHC1G02DFT2G  | M74VHC1G132DFT2G    |
| M74VHC1G132DFT1G   | MC74HC1G32DFT2G   | NL17SZ86DFT2G       |
| MC74VHC1G32DFT1G   | M74VHC1GT50DFT2G  | MC74HC1G04DFT1G     |
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| M74VHC1GU04DFT2G   | M74VHC1GT86DFT2G  | M74VHC1GT126DF2G    |
| MC74VHC1G50DFT2G   | M74VHC1GT00DFT1G  | M74VHC1GT86DFT1G    |
| M74VHC1GU04DFT1G   | MC74HC1G00DFT1G   | MC74HC1GU04DFT1G    |
| MC74HC1GU04DFT2G   | MC74VHC1G86DFT1G  | NL17VHC1GT50DF1G    |
| M74VHC1GT02DFT2G   | M74VHC1GT32DFT2G  | MC74HC1G32DFT1G     |
| MC74VHC1G00DFT1G   | MC74VHC1G01DFT2G  | MC74VHC1G03DFT1G    |
| MC74VHC1G03DFT2G   | MC74VHC1G05DFT1G  | MC74VHC1G125DFT1G   |
| MC74VHC1G50DFT1G   | MC74VHC1GU04DF1G  | M74VHC1G126DFT1G    |
| M74VHC1GT32DFT1G   | MC74VHC1G09DFT1G  | MC74VHC1G02DFT1G    |
| MC74VHC1G04DFT1G   | MC74VHC1G07DFT2G  | M74VHC1GT125DF2G    |
| MC74VHC1G14DFT2G   | M74VHC1G135DFT2G  | M74VHC1GT00DFT2G    |
| M74VHC1GT14DFT1G   | M74VHC1GT14DFT2G  | MC74VHC1G86DFT2G    |
| MC74VHC1G05DFT2G   | NC7SZ04P5X        | NC7SZ14P5X          |
| NC7S08P5X          | NC7S04P5X         | NC7SZ00P5X          |
| NC7SZ126P5X        | NC7S14P5X         | NC7SZU04P5X         |
| NC7SZ02P5X         | NC7SZ86P5X        | NC7S00P5X           |
| NC7S86P5X          | NC7S32P5X         | NC7SZ05P5X          |
| NC7ST00P5X         | NC7ST02P5X        | NC7ST04P5X          |
| NC7ST08P5X         | NC7ST86P5X        | NC7S02P5X           |
| NC7SU04P5X         | NC7SZ38P5X        | MC74VHC1GT00DBVT1G  |
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| MC74VHC1GT02DBVT1G | MC74VHC1G02DBVT1G | MC74HC1G04DBVT1G    |



|                    |                    |                     |
|--------------------|--------------------|---------------------|
| MC74VHC1G04DBVT1G  | MC74VHC1G05DBVT1G  | MC74VHC1GT08DBVT1G  |
| MC74HC1G08DBVT1G   | MC74VHC1G08DBVT1G  | MC74VHC1G09DBVT1G   |
| MC74VHC1GT14DBVT1G | MC74HC1G14DBVT1G   | MC74VHC1G14DBVT1G   |
| MC74VHC1GT32DBVT1G | MC74HC1G32DBVT1G   | MC74VHC1G32DBVT1G   |
| MC74VHC1GT50DBVT1G | MC74VHC1G86DBVT1G  | MC74VHC1G125DBVT1G  |
| NL17SZ125DBVT1G    | MC74VHC1G126DBVT1G | MC74VHC1GT126DBVT1G |
| MC74VHC1G132DBVT1G | MC74VHC1G135DBVT1G | MC74VHC1GU04DBVT1G  |
| NL17SZ00DBVT1G     | NL17SZ02DBVT1G     | NL17SZ04DBVT1G      |
| NL17SZ06DBVT1G     | NL17SZ07DBVT1G     | NL17SZ08DBVT1G      |
| NL17SZ126DBVT1G    | NL17SZ14DBVT1G     | NL17SZ17DBVT1G      |
| NL17SZ32DBVT1G     | NL17SZ86DBVT1G     | NL17SZU04DBVT1G     |
| NC7ST02M5X         | NC7S00M5X          | NC7SZ00M5X          |
| NC7SZ86M5X         | NC7SZ05M5X         | NC7ST04M5X          |
| NC7ST08M5X         | NC7SZ38M5X         | NC7ST00M5X          |
| NC7SU04M5X         | NC7S14M5X          | NC7SZ04M5X          |
| NC7SZ02M5X         | NC7ST32M5X         | NC7S32M5X           |
| NC7S86M5X          | NC7S08M5X          | NL17SZ08XV5T2G      |
| NL17SZ32XV5T2G     | NL17SZ07XV5T2G     | NL17SZ04XV5T2G      |
| NL17SZ125XV5T2G    | NL17SZ02XV5T2G     | NL17SZ06XV5T2G      |
| NL17SZ16XV5T2G     | NL17SZU04XV5T2G    | NL17SZ126XV5T2G     |
| NL17SZ00XV5T2G     | MC74VHC1GT00P5T5G  | MC74VHC1GT04P5T5G   |
| MC74VHC1G08P5T5G   | MC74VHC1G14P5T5G   | MC74VHC1G32P5T5G    |
| MC74VHC1GT32P5T5G  | MC74VHC1G50P5T5G   | MC74VHC1G125P5T5G   |
| MC74VHC1G126P5T5G  | MC74VHC1GT126P5T5G | NL17SZ00P5T5G       |
| NL17SZ02P5T5G      | NL17SZ04P5T5G      | NL17SZ05P5T5G       |
| NL17SZ07P5T5G      | NL17SZ08P5T5G      | NL17SZ125P5T5G      |
| NL17SZ126P5T5G     | NL17SZ14P5T5G      | NL17SZ17P5T5G       |
| NL17SZ32P5T5G      | NL17SZU04P5T5G     | NL17SG00DFT2G       |
| NL17SG00P5T5G      | NL17SV00XV5T2G     | NL17SG02DFT2G       |
| NL17SG02P5T5G      | NL17SG34P5T5G      | NL17SG86DFT2G       |
| NL17SG86P5T5G      | NL17SG125DFT2G     | NL17SG125P5T5G      |
| NL17SG126DFT2G     | NL17SG126P5T5G     | NL17SG126P5T6G      |
| NL17SGU04P5T5G     | NC7SV32P5X         | NC7SP05P5X          |
| NC7SP38P5X         | NC7SV125P5X        | NC7SV14P5X          |
| NC7SP126P5X        | NC7SP34P5X         | NC7SV02P5X          |



|                   |                    |                    |
|-------------------|--------------------|--------------------|
| NC7SVU04P5X       | NC7SP32P5X         | NC7SV86P5X         |
| NC7SP02P5X        | NC7SP04P5X         | NC7SP08P5X         |
| NC7SV126P5X       | NC7SP14P5X         | NC7SV17P5X         |
| NC7SV08P5X        | NC7SV00P5X         | NC7SV05P5X         |
| NC7SP86P5X        | NC7SV34P5X         | NC7SP17P5X         |
| NC7SP125P5X       | NC7SP00P5X         | NC7SV04P5X         |
| NC7SPU04P5X       | NL17SG34DFT2G      | NL17SV32XV5T2G     |
| NL17SG32P5T5G     | NL17SG32DFT2G      | NL17SG17P5T5G      |
| NL17SG17DFT2G     | NL17SV16XV5T2G     | NL17SG14P5T5G      |
| NL17SG14DFT2G     | NL17SV08XV5T2G     | NL17SG08P5T5G      |
| NL17SG08DFT2G     | NL17SG07P5T5G      | NL17SG07DFT2G      |
| NL17SV04XV5T2G    | NL17SG04P5T5G      | NL17SG04DFT2G      |
| NL17SV02XV5T2G    | MC74VHC1GT14MU1TCG | MC74VHC1GT14MU2TCG |
| MC74VHC1G32MU1TCG | MC74VHC1G32MU3TCG  | MC74VHC1G32MU2TCG  |
| NL27WZ17MU1TCG    | NL27WZ17MU3TCG     | MC74VHC1GT14MU3TCG |
| NL27WZ06DBVT1G    | NL27WZ07DBVT1G     | NL27WZ14DBVT1G     |
| NL27WZU04DBVT1G   | NL27WZ17DBVT1G     | NL17SZ332DBVT1G    |
| NL7SZ97DBVT1G     | NL7SZ58DFT2G       | NL7SZ19DFT2G       |
| NL7SZ98DFT2G      | NL27WZ04DFT1G      | NL27WZ06DFT2G      |
| NC7SZ57P6X        | NC7SZ10P6X         | NC7SZ19P6X         |
| NC7SZ27P6X        | NC7SZ332P6X        | NC7SZ373P6X        |
| NC7SZ374P6X       | NC7SZ386P6X        | NC7WZ14EP6X        |
| NC7SZ00L6X        | NC7WZ07L6X         | NC7SZ04L6X         |
| NC7WZ14L6X        | NC7SZ11L6X         | NC7SZ57L6X         |
| NC7S08L6X         | NC7WZ16L6X         | NC7SZ08L6X         |
| NC7SZ58L6X        | NC7SZ32L6X         | NC7SZ126L6X        |
| NC7SZ175L6X       | NC7SZ86L6X         | NC7SZ157L6X        |
| NC7SZ332L6X       | NC7S04L6X          | NC7SZ02L6X         |
| NC7SZ14L6X        | NC7SU04L6X         | NC7SZ19L6X         |
| NC7SZ373L6X       | NC7SZ05L6X         | NC7WZU04L6X        |
| NC7S00L6X         | NC7SZ27L6X         | NC7SZ18L6X         |
| NC7SZ10L6X        | NC7ST08L6X         | NC7SZU04L6X        |
| NC7S86L6X         | NC7ST86L6X         | NC7ST02L6X         |
| NC7S02L6X         | NC7SZ38L6X         | NC7SZ386L6X        |
| NC7ST00L6X        | NC7SZ32L6X         | NC7SZ374L6X        |



|             |              |                |
|-------------|--------------|----------------|
| NC7S14L6X   | NC7WZ17FHX   | NC7SZ157FHX    |
| NC7SZ32FHX  | NC7SZ08FHX   | NC7WZ07FHX     |
| NC7WZ04FHX  | NC7SZ126FHX  | NC7SZ57FHX     |
| NC7SZ125FHX | NC7SZ05FHX   | NC7SZ58FHX     |
| NC7SZ04FHX  | NC7SZ14FHX   | NC7SZ00FHX     |
| NC7WZ14FHX  | NC7SZU04FHX  | NC7WZ16FHX     |
| NC7SZ02FHX  | NC7SZ19FHX   | NC7SZ18FHX     |
| NC7SZ86FHX  | NC7SP08L6X   | NC7SP04L6X     |
| NC7SV08L6X  | NC7SPU04L6X  | NC7SP125L6X    |
| NC7SP126L6X | NC7SV17L6X   | NC7SP14L6X     |
| NC7SP57L6X  | NC7SP86L6X   | NC7SV04L6X     |
| NC7WV17L6X  | NC7SV02L6X   | NC7WV04L6X     |
| NC7WV16L6X  | NC7SV126L6X  | NC7WV07L6X     |
| NC7SP32L6X  | NC7SP17L6X   | NC7SV00L6X     |
| NC7SV125L6X | NC7SP19L6X   | NC7SV11L6X     |
| NC7SP157L6X | NC7SP00L6X   | NC7SV157L6X    |
| NC7WP14L6X  | NC7SP38L6X   | NC7SP34L6X     |
| NC7SV32L6X  | NC7SVU04L6X  | NC7SV57L6X     |
| NC7SV86L6X  | NC7SP05L6X   | NC7SV19L6X     |
| NC7WV14L6X  | NC7SV14L6X   | NC7SP02L6X     |
| NC7SV58L6X  | NC7SV34L6X   | NC7SP58L6X     |
| NC7SV05L6X  | NC7SV08FHX   | NC7SV32FHX     |
| NC7SV17FHX  | NC7SP08FHX   | NC7SV04FHX     |
| NC7SP17FHX  | NC7SV05FHX   | NC7SV57FHX     |
| NC7SP126FHX | NC7SV00FHX   | NC7SV02FHX     |
| NC7SP04FHX  | NC7SV58FHX   | NL17SG373DFT2G |
| NC7SP19P6X  | NC7SV11P6X   | NC7WV07P6X     |
| NC7SV58P6X  | NC7WV17P6X   | NC7SP58P6X     |
| NC7SP157P6X | NC7SV19P6X   | NC7WP14P6X     |
| NC7WV14P6X  | NC7SV57P6X   | NC7SV157P6X    |
| NC7WV04P6X  | NC7SP57P6X   | NC7WV16P6X     |
| NL27WZ00USG | NL27WZ125USG | NL27WZ126USG   |
| NL27WZ32USG | NL27WZ86USG  | NL37WZ04USG    |
| NL37WZ06USG | NL37WZ07USG  | NL37WZ14USG    |
| NL37WZ16USG | NC7WZ240K8X  | NC7WZ241K8X    |



|               |                |                |
|---------------|----------------|----------------|
| NC7WZ38K8X    | NC7WZ86K8X     | NC7SZ74L8X     |
| NC7NZ34L8X    | NC7WZ125L8X    | NC7WZ126L8X    |
| NC7NZ17L8X    | NC7WZ02L8X     | NC7NZ04L8X     |
| NC7WZ08L8X    | NC7WZ241L8X    | NC7WZ00L8X     |
| NC7NZ14L8X    | NC7WZ240L8X    | NC7WZ32L8X     |
| NC7WZ38L8X    | NC7WZ132L8X    | NL27WZ08MU1TWG |
| NLSF457MU3TCG | NL27WZ02MU1TCG | NL27WZ02MU1TWG |
| NC7SP74L8X    | NC7SV74L8X     | NC7WP08L8X     |
| NC7WP00L8X    | NC7WP02L8X     | NC7WP125L8X    |
| NC7WP32L8X    | NC7NP34L8X     | NC7NP14L8X     |
| NC7SP74K8X    | NC7NP14K8X     | NC7WP125K8X    |
| NC7SV74K8X    | NC7WP00K8X     | NC7WP02K8X     |
| NC7WP08K8X    | NC7WP32K8X     | NC7WV125K8X    |
| NC7NP34K8X    |                |                |



## Appendix A: Changed Products

| Product          | Customer Part Number | Qualification Vehicle | New Part Number | Replacement Supplier |
|------------------|----------------------|-----------------------|-----------------|----------------------|
| NC7NZ14K8X       |                      | NA                    |                 |                      |
| NC7NZ17K8X       |                      | NA                    |                 |                      |
| NC7WZ00K8X       |                      | NA                    |                 |                      |
| NC7WZ02K8X       |                      | NA                    |                 |                      |
| NC7WZ125K8X      |                      | NA                    |                 |                      |
| NC7WZ126K8X      |                      | NA                    |                 |                      |
| NC7WZ132K8X      |                      | NA                    |                 |                      |
| M74VHC1GT02DFT1G |                      | NA                    |                 |                      |
| M74VHC1G135DFT1G |                      | NA                    |                 |                      |
| NL17SZ16DFT2G    |                      | NA                    |                 |                      |
| MC74VHC1G08DFT2G |                      | NA                    |                 |                      |
| NL17SZ08DFT2G    |                      | NA                    |                 |                      |
| NL17SZ125DFT2G   |                      | NA                    |                 |                      |
| NL17SZ17DFT2G    |                      | NA                    |                 |                      |
| M74VHC1GT08DFT2G |                      | NA                    |                 |                      |
| MC74VHC1G32DFT2G |                      | NA                    |                 |                      |
| MC74HC1G14DFT1G  |                      | NA                    |                 |                      |
| M74VHC1GT04DFT1G |                      | NA                    |                 |                      |
| M74VHC1GT50DFT1G |                      | NA                    |                 |                      |
| MC74HC1G08DFT2G  |                      | NA                    |                 |                      |
| M74VHC1GT126DF1G |                      | NA                    |                 |                      |
| NL17SZ00DFT2G    |                      | NA                    |                 |                      |
| MC74VHC1G14DFT1G |                      | NA                    |                 |                      |
| M74VHC1GT125DF1G |                      | NA                    |                 |                      |
| M74VHC1G125DFT2G |                      | NA                    |                 |                      |
| MC74VHC1G04DFT2G |                      | NA                    |                 |                      |
| NL17SZ02DFT2G    |                      | NA                    |                 |                      |
| MC74VHC1G09DFT2G |                      | NA                    |                 |                      |
| M74VHC1GT08DFT1G |                      | NA                    |                 |                      |
| MC74HC1G14DFT2G  |                      | NA                    |                 |                      |
| M74VHC1G125DFT1G |                      | NA                    |                 |                      |
| NL17SZ06DFT2G    |                      | NA                    |                 |                      |
| NL17SZ04DFT2G    |                      | NA                    |                 |                      |
| NL17SZU04DFT2G   |                      | NA                    |                 |                      |
| MC74VHC1G08DFT1G |                      | NA                    |                 |                      |
| MC74VHC1G07DFT1G |                      | NA                    |                 |                      |
| MC74VHC1G00DFT2G |                      | NA                    |                 |                      |
| MC74HC1G08DFT1G  |                      | NA                    |                 |                      |
| M74VHC1GT04DFT2G |                      | NA                    |                 |                      |
| MC74HC1G04DFT2G  |                      | NA                    |                 |                      |
| M74VHC1G132DFT2G |                      | NA                    |                 |                      |
| MC74VHC1G02DFT2G |                      | NA                    |                 |                      |



## Appendix A: Changed Products

DIKG : DIGI-KEY

| Product           | Customer Part Number | Qualification Vehicle | New Part Number | Replacement Supplier |
|-------------------|----------------------|-----------------------|-----------------|----------------------|
| M74VHC1G132DFT1G  |                      | NA                    |                 |                      |
| NL17SZ86DFT2G     |                      | NA                    |                 |                      |
| MC74HC1G32DFT2G   |                      | NA                    |                 |                      |
| MC74VHC1G32DFT1G  |                      | NA                    |                 |                      |
| M74VHC1GT50DFT2G  |                      | NA                    |                 |                      |
| MC74HC1G00DFT2G   |                      | NA                    |                 |                      |
| MC74HC1G04DFT1G   |                      | NA                    |                 |                      |
| MC74VHC1G01DFT1G  |                      | NA                    |                 |                      |
| MC74HC1G02DFT2G   |                      | NA                    |                 |                      |
| M74VHC1GT86DFT2G  |                      | NA                    |                 |                      |
| M74VHC1GU04DFT2G  |                      | NA                    |                 |                      |
| MC74VHC1G50DFT2G  |                      | NA                    |                 |                      |
| M74VHC1GT126DF2G  |                      | NA                    |                 |                      |
| M74VHC1GT86DFT1G  |                      | NA                    |                 |                      |
| M74VHC1GT00DFT1G  |                      | NA                    |                 |                      |
| MC74HC1G00DFT1G   |                      | NA                    |                 |                      |
| M74VHC1GU04DFT1G  |                      | NA                    |                 |                      |
| MC74HC1GU04DFT1G  |                      | NA                    |                 |                      |
| MC74HC1GU04DFT2G  |                      | NA                    |                 |                      |
| M74VHC1GT02DFT2G  |                      | NA                    |                 |                      |
| MC74VHC1G86DFT1G  |                      | NA                    |                 |                      |
| MC74HC1G32DFT1G   |                      | NA                    |                 |                      |
| M74VHC1GT32DFT2G  |                      | NA                    |                 |                      |
| MC74VHC1G03DFT1G  |                      | NA                    |                 |                      |
| MC74VHC1G00DFT1G  |                      | NA                    |                 |                      |
| MC74VHC1G125DFT1G |                      | NA                    |                 |                      |
| MC74VHC1G05DFT1G  |                      | NA                    |                 |                      |
| M74VHC1G126DFT1G  |                      | NA                    |                 |                      |
| MC74VHC1G50DFT1G  |                      | NA                    |                 |                      |
| MC74VHC1G09DFT1G  |                      | NA                    |                 |                      |
| M74VHC1GT32DFT1G  |                      | NA                    |                 |                      |
| MC74VHC1G04DFT1G  |                      | NA                    |                 |                      |
| MC74VHC1G02DFT1G  |                      | NA                    |                 |                      |
| M74VHC1GT125DF2G  |                      | NA                    |                 |                      |
| MC74VHC1G07DFT2G  |                      | NA                    |                 |                      |
| M74VHC1G135DFT2G  |                      | NA                    |                 |                      |
| MC74VHC1G14DFT2G  |                      | NA                    |                 |                      |
| M74VHC1GT00DFT2G  |                      | NA                    |                 |                      |
| M74VHC1GT14DFT1G  |                      | NA                    |                 |                      |
| MC74VHC1G86DFT2G  |                      | NA                    |                 |                      |
| M74VHC1GT14DFT2G  |                      | NA                    |                 |                      |
| NC7SZ04P5X        |                      | NA                    |                 |                      |





## Appendix A: Changed Products

DIKG : DIGI-KEY

| Product          | Customer Part Number | Qualification Vehicle | New Part Number | Replacement Supplier |
|------------------|----------------------|-----------------------|-----------------|----------------------|
| MC74VHC1G05DFT2G |                      | NA                    |                 |                      |
| NC7SZ14P5X       |                      | NA                    |                 |                      |
| NC7S08P5X        |                      | NA                    |                 |                      |
| NC7S04P5X        |                      | NA                    |                 |                      |
| NC7SZ00P5X       |                      | NA                    |                 |                      |
| NC7SZ126P5X      |                      | NA                    |                 |                      |
| NC7S14P5X        |                      | NA                    |                 |                      |
| NC7SZU04P5X      |                      | NA                    |                 |                      |
| NC7SZ02P5X       |                      | NA                    |                 |                      |
| NC7SZ86P5X       |                      | NA                    |                 |                      |
| NC7S00P5X        |                      | NA                    |                 |                      |
| NC7S86P5X        |                      | NA                    |                 |                      |
| NC7S32P5X        |                      | NA                    |                 |                      |
| NC7ST00P5X       |                      | NA                    |                 |                      |
| NC7SZ05P5X       |                      | NA                    |                 |                      |
| NC7ST02P5X       |                      | NA                    |                 |                      |
| NC7ST04P5X       |                      | NA                    |                 |                      |
| NC7ST08P5X       |                      | NA                    |                 |                      |
| NC7ST86P5X       |                      | NA                    |                 |                      |
| NC7S02P5X        |                      | NA                    |                 |                      |
| NC7SU04P5X       |                      | NA                    |                 |                      |
| NC7SZ38P5X       |                      | NA                    |                 |                      |
| NC7ST02M5X       |                      | NA                    |                 |                      |
| NC7S00M5X        |                      | NA                    |                 |                      |
| NC7SZ00M5X       |                      | NA                    |                 |                      |
| NC7SZ86M5X       |                      | NA                    |                 |                      |
| NC7ST04M5X       |                      | NA                    |                 |                      |
| NC7ST08M5X       |                      | NA                    |                 |                      |
| NC7SZ38M5X       |                      | NA                    |                 |                      |
| NC7SZ05M5X       |                      | NA                    |                 |                      |
| NC7SU04M5X       |                      | NA                    |                 |                      |
| NC7ST00M5X       |                      | NA                    |                 |                      |
| NC7S14M5X        |                      | NA                    |                 |                      |
| NC7SZ02M5X       |                      | NA                    |                 |                      |
| NC7SZ04M5X       |                      | NA                    |                 |                      |
| NC7ST32M5X       |                      | NA                    |                 |                      |
| NC7S32M5X        |                      | NA                    |                 |                      |
| NC7S86M5X        |                      | NA                    |                 |                      |
| NC7S08M5X        |                      | NA                    |                 |                      |
| NL17SZ32XV5T2G   |                      | NA                    |                 |                      |
| NL17SZ08XV5T2G   |                      | NA                    |                 |                      |
| NL17SZ04XV5T2G   |                      | NA                    |                 |                      |



## Appendix A: Changed Products

DIKG : DIGI-KEY

| Product         | Customer Part Number | Qualification Vehicle | New Part Number | Replacement Supplier |
|-----------------|----------------------|-----------------------|-----------------|----------------------|
| NL17SZ07XV5T2G  |                      | NA                    |                 |                      |
| NL17SZ125XV5T2G |                      | NA                    |                 |                      |
| NL17SZ16XV5T2G  |                      | NA                    |                 |                      |
| NL17SZ06XV5T2G  |                      | NA                    |                 |                      |
| NL17SZ125P5T5G  |                      | NA                    |                 |                      |
| NL17SZ126XV5T2G |                      | NA                    |                 |                      |
| NL17SZ00XV5T2G  |                      | NA                    |                 |                      |
| NL17SG00DFT2G   |                      | NA                    |                 |                      |
| NL17SZ126P5T5G  |                      | NA                    |                 |                      |
| NL17SV00XV5T2G  |                      | NA                    |                 |                      |
| NL17SGU04P5T5G  |                      | NA                    |                 |                      |
| NL17SG86DFT2G   |                      | NA                    |                 |                      |
| NC7SV32P5X      |                      | NA                    |                 |                      |
| NC7SP38P5X      |                      | NA                    |                 |                      |
| NC7SP05P5X      |                      | NA                    |                 |                      |
| NC7SV125P5X     |                      | NA                    |                 |                      |
| NC7SV14P5X      |                      | NA                    |                 |                      |
| NC7SP34P5X      |                      | NA                    |                 |                      |
| NC7SP126P5X     |                      | NA                    |                 |                      |
| NC7SVU04P5X     |                      | NA                    |                 |                      |
| NC7SV02P5X      |                      | NA                    |                 |                      |
| NC7SV86P5X      |                      | NA                    |                 |                      |
| NC7SP02P5X      |                      | NA                    |                 |                      |
| NC7SP32P5X      |                      | NA                    |                 |                      |
| NC7SP04P5X      |                      | NA                    |                 |                      |
| NC7SV126P5X     |                      | NA                    |                 |                      |
| NC7SP08P5X      |                      | NA                    |                 |                      |
| NC7SV17P5X      |                      | NA                    |                 |                      |
| NC7SP14P5X      |                      | NA                    |                 |                      |
| NC7SV00P5X      |                      | NA                    |                 |                      |
| NC7SV05P5X      |                      | NA                    |                 |                      |
| NC7SV08P5X      |                      | NA                    |                 |                      |
| NC7SV34P5X      |                      | NA                    |                 |                      |
| NC7SP17P5X      |                      | NA                    |                 |                      |
| NC7SP125P5X     |                      | NA                    |                 |                      |
| NC7SP86P5X      |                      | NA                    |                 |                      |
| NC7SP00P5X      |                      | NA                    |                 |                      |
| NC7SV04P5X      |                      | NA                    |                 |                      |
| NC7SPU04P5X     |                      | NA                    |                 |                      |
| NL17SG32P5T5G   |                      | NA                    |                 |                      |
| NL17SV32XV5T2G  |                      | NA                    |                 |                      |
| NL17SV16XV5T2G  |                      | NA                    |                 |                      |



## Appendix A: Changed Products

DIKG : DIGI-KEY

| Product        | Customer Part Number | Qualification Vehicle | New Part Number | Replacement Supplier |
|----------------|----------------------|-----------------------|-----------------|----------------------|
| NL17SG17DFT2G  |                      | NA                    |                 |                      |
| NL17SV08XV5T2G |                      | NA                    |                 |                      |
| NL17SG14DFT2G  |                      | NA                    |                 |                      |
| NL17SG08DFT2G  |                      | NA                    |                 |                      |
| NL17SG04DFT2G  |                      | NA                    |                 |                      |
| NL17SV04XV5T2G |                      | NA                    |                 |                      |
| NL7SZ58DFT2G   |                      | NA                    |                 |                      |
| NL17SG04P5T5G  |                      | NA                    |                 |                      |
| NL7SZ19DFT2G   |                      | NA                    |                 |                      |
| NL27WZ04DFT1G  |                      | NA                    |                 |                      |
| NL27WZ06DFT2G  |                      | NA                    |                 |                      |
| NC7SZ57P6X     |                      | NA                    |                 |                      |
| NC7SZ10P6X     |                      | NA                    |                 |                      |
| NC7SZ19P6X     |                      | NA                    |                 |                      |
| NC7SZ27P6X     |                      | NA                    |                 |                      |
| NC7SZ332P6X    |                      | NA                    |                 |                      |
| NC7SZ374P6X    |                      | NA                    |                 |                      |
| NC7SZ373P6X    |                      | NA                    |                 |                      |
| NC7WZ14EP6X    |                      | NA                    |                 |                      |
| NC7SZ386P6X    |                      | NA                    |                 |                      |
| NC7SZ00L6X     |                      | NA                    |                 |                      |
| NC7WZ07L6X     |                      | NA                    |                 |                      |
| NC7SZ04L6X     |                      | NA                    |                 |                      |
| NC7WZ14L6X     |                      | NA                    |                 |                      |
| NC7SZ11L6X     |                      | NA                    |                 |                      |
| NC7SZ57L6X     |                      | NA                    |                 |                      |
| NC7WZ16L6X     |                      | NA                    |                 |                      |
| NC7S08L6X      |                      | NA                    |                 |                      |
| NC7SZ08L6X     |                      | NA                    |                 |                      |
| NC7SZ32L6X     |                      | NA                    |                 |                      |
| NC7SZ58L6X     |                      | NA                    |                 |                      |
| NC7SZ126L6X    |                      | NA                    |                 |                      |
| NC7SZ175L6X    |                      | NA                    |                 |                      |
| NC7SZ86L6X     |                      | NA                    |                 |                      |
| NC7SZ332L6X    |                      | NA                    |                 |                      |
| NC7S04L6X      |                      | NA                    |                 |                      |
| NC7SZ157L6X    |                      | NA                    |                 |                      |
| NC7SZ02L6X     |                      | NA                    |                 |                      |
| NC7SZ14L6X     |                      | NA                    |                 |                      |
| NC7WZU04L6X    |                      | NA                    |                 |                      |
| NC7SZ05L6X     |                      | NA                    |                 |                      |
| NC7SZ27L6X     |                      | NA                    |                 |                      |



## Appendix A: Changed Products

DIKG : DIGI-KEY

| Product     | Customer Part Number | Qualification Vehicle | New Part Number | Replacement Supplier |
|-------------|----------------------|-----------------------|-----------------|----------------------|
| NC7SZ10L6X  |                      | NA                    |                 |                      |
| NC7ST08L6X  |                      | NA                    |                 |                      |
| NC7SZU04L6X |                      | NA                    |                 |                      |
| NC7S86L6X   |                      | NA                    |                 |                      |
| NC7SZ38L6X  |                      | NA                    |                 |                      |
| NC7S02L6X   |                      | NA                    |                 |                      |
| NC7SZ386L6X |                      | NA                    |                 |                      |
| NC7S32L6X   |                      | NA                    |                 |                      |
| NC7WZ17FHX  |                      | NA                    |                 |                      |
| NC7S14L6X   |                      | NA                    |                 |                      |
| NC7SZ157FHX |                      | NA                    |                 |                      |
| NC7SZ08FHX  |                      | NA                    |                 |                      |
| NC7WZ07FHX  |                      | NA                    |                 |                      |
| NC7SZ32FHX  |                      | NA                    |                 |                      |
| NC7SZ126FHX |                      | NA                    |                 |                      |
| NC7WZ04FHX  |                      | NA                    |                 |                      |
| NC7SZ57FHX  |                      | NA                    |                 |                      |
| NC7SZ125FHX |                      | NA                    |                 |                      |
| NC7SZ05FHX  |                      | NA                    |                 |                      |
| NC7SZ58FHX  |                      | NA                    |                 |                      |
| NC7SZ04FHX  |                      | NA                    |                 |                      |
| NC7SZ14FHX  |                      | NA                    |                 |                      |
| NC7WZ14FHX  |                      | NA                    |                 |                      |
| NC7SZU04FHX |                      | NA                    |                 |                      |
| NC7SP04L6X  |                      | NA                    |                 |                      |
| NC7SV08L6X  |                      | NA                    |                 |                      |
| NC7SP125L6X |                      | NA                    |                 |                      |
| NC7WZ16FHX  |                      | NA                    |                 |                      |
| NC7SP126L6X |                      | NA                    |                 |                      |
| NC7SZ19FHX  |                      | NA                    |                 |                      |
| NC7SZ18FHX  |                      | NA                    |                 |                      |
| NC7SP08L6X  |                      | NA                    |                 |                      |
| NC7SP14L6X  |                      | NA                    |                 |                      |
| NC7SV17L6X  |                      | NA                    |                 |                      |
| NC7WV17L6X  |                      | NA                    |                 |                      |
| NC7SP86L6X  |                      | NA                    |                 |                      |
| NC7SV04L6X  |                      | NA                    |                 |                      |
| NC7SV02L6X  |                      | NA                    |                 |                      |
| NC7WV04L6X  |                      | NA                    |                 |                      |
| NC7SV126L6X |                      | NA                    |                 |                      |
| NC7WV16L6X  |                      | NA                    |                 |                      |
| NC7WV07L6X  |                      | NA                    |                 |                      |



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DIKG : DIGI-KEY

| Product        | Customer Part Number | Qualification Vehicle | New Part Number | Replacement Supplier |
|----------------|----------------------|-----------------------|-----------------|----------------------|
| NC7SV125L6X    |                      | NA                    |                 |                      |
| NC7SP32L6X     |                      | NA                    |                 |                      |
| NC7SP17L6X     |                      | NA                    |                 |                      |
| NC7SP19L6X     |                      | NA                    |                 |                      |
| NC7SV00L6X     |                      | NA                    |                 |                      |
| NC7SV11L6X     |                      | NA                    |                 |                      |
| NC7SP00L6X     |                      | NA                    |                 |                      |
| NC7SP157L6X    |                      | NA                    |                 |                      |
| NC7SV157L6X    |                      | NA                    |                 |                      |
| NC7SP38L6X     |                      | NA                    |                 |                      |
| NC7SV32L6X     |                      | NA                    |                 |                      |
| NC7SVU04L6X    |                      | NA                    |                 |                      |
| NC7SV57L6X     |                      | NA                    |                 |                      |
| NC7SP05L6X     |                      | NA                    |                 |                      |
| NC7SV14L6X     |                      | NA                    |                 |                      |
| NC7WP14L6X     |                      | NA                    |                 |                      |
| NC7SV34L6X     |                      | NA                    |                 |                      |
| NC7SP58L6X     |                      | NA                    |                 |                      |
| NC7SV05L6X     |                      | NA                    |                 |                      |
| NC7SV08FHX     |                      | NA                    |                 |                      |
| NC7SV32FHX     |                      | NA                    |                 |                      |
| NC7SP17FHX     |                      | NA                    |                 |                      |
| NC7SV00FHX     |                      | NA                    |                 |                      |
| NL17SG373DFT2G |                      | NA                    |                 |                      |
| NC7SV11P6X     |                      | NA                    |                 |                      |
| NC7WV07P6X     |                      | NA                    |                 |                      |
| NC7SP19P6X     |                      | NA                    |                 |                      |
| NC7SV58P6X     |                      | NA                    |                 |                      |
| NC7SP58P6X     |                      | NA                    |                 |                      |
| NC7WV17P6X     |                      | NA                    |                 |                      |
| NC7SP157P6X    |                      | NA                    |                 |                      |
| NC7SV19P6X     |                      | NA                    |                 |                      |
| NC7WV14P6X     |                      | NA                    |                 |                      |
| NC7WP14P6X     |                      | NA                    |                 |                      |
| NC7SV157P6X    |                      | NA                    |                 |                      |
| NC7SV57P6X     |                      | NA                    |                 |                      |
| NC7WV04P6X     |                      | NA                    |                 |                      |
| NC7WV16P6X     |                      | NA                    |                 |                      |
| NC7SP57P6X     |                      | NA                    |                 |                      |
| NL27WZ00USG    |                      | NA                    |                 |                      |
| NL27WZ125USG   |                      | NA                    |                 |                      |
| NL27WZ126USG   |                      | NA                    |                 |                      |



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| Product     | Customer Part Number | Qualification Vehicle | New Part Number | Replacement Supplier |
|-------------|----------------------|-----------------------|-----------------|----------------------|
| NL27WZ32USG |                      | NA                    |                 |                      |
| NL37WZ04USG |                      | NA                    |                 |                      |
| NL27WZ86USG |                      | NA                    |                 |                      |
| NL37WZ07USG |                      | NA                    |                 |                      |
| NL37WZ06USG |                      | NA                    |                 |                      |
| NL37WZ14USG |                      | NA                    |                 |                      |
| NC7WZ240K8X |                      | NA                    |                 |                      |
| NL37WZ16USG |                      | NA                    |                 |                      |
| NC7WZ38K8X  |                      | NA                    |                 |                      |
| NC7WZ241K8X |                      | NA                    |                 |                      |
| NC7SZ74L8X  |                      | NA                    |                 |                      |
| NC7WZ86K8X  |                      | NA                    |                 |                      |
| NC7NZ34L8X  |                      | NA                    |                 |                      |
| NC7WZ125L8X |                      | NA                    |                 |                      |
| NC7NZ17L8X  |                      | NA                    |                 |                      |
| NC7WZ126L8X |                      | NA                    |                 |                      |
| NC7WZ02L8X  |                      | NA                    |                 |                      |
| NC7WZ08L8X  |                      | NA                    |                 |                      |
| NC7NZ04L8X  |                      | NA                    |                 |                      |
| NC7WZ241L8X |                      | NA                    |                 |                      |
| NC7WZ00L8X  |                      | NA                    |                 |                      |
| NC7WZ240L8X |                      | NA                    |                 |                      |
| NC7NZ14L8X  |                      | NA                    |                 |                      |
| NC7WZ32L8X  |                      | NA                    |                 |                      |
| NC7WZ132L8X |                      | NA                    |                 |                      |
| NC7SP74L8X  |                      | NA                    |                 |                      |
| NC7WP08L8X  |                      | NA                    |                 |                      |
| NC7SV74L8X  |                      | NA                    |                 |                      |
| NC7WP125L8X |                      | NA                    |                 |                      |
| NC7WP00L8X  |                      | NA                    |                 |                      |
| NC7WP32L8X  |                      | NA                    |                 |                      |
| NC7NP34L8X  |                      | NA                    |                 |                      |
| NC7NP14K8X  |                      | NA                    |                 |                      |
| NC7WP125K8X |                      | NA                    |                 |                      |
| NC7NP14L8X  |                      | NA                    |                 |                      |
| NC7SV74K8X  |                      | NA                    |                 |                      |
| NC7SP74K8X  |                      | NA                    |                 |                      |
| NC7WP02K8X  |                      | NA                    |                 |                      |
| NC7WP32K8X  |                      | NA                    |                 |                      |
| NC7WP08K8X  |                      | NA                    |                 |                      |
| NC7NP34K8X  |                      | NA                    |                 |                      |
| NC7WV125K8X |                      | NA                    |                 |                      |