



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

θ_{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

θ_{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



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



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



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



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 logic.fpcn@onsemi.com 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>θ_{ja}, °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>	θ_{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>θ_{ja}, °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>	θ_{ja} , °C/W	修正後	修正前	US8	250	250	MicroPak 8	232	111	uDFN8	231	111	uQFN8	210	208			
θ_{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																																							
θ_{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
MC74HC1G00DFT2G	MC74HC1G02DFT2G	MC74VHC1G01DFT1G
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
MC74HC1G00DBVT1G	MC74VHC1G00DBVT1G	MC74VHC1GT125DBVT1G
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		