

Title of Change:	Correction of Typos in Datasheet changes and clarification of test method in 5,6, and 8 lead Minigates. (Automotive)
Effective date:	20 Apr 2022
Contact information:	Contact your local onsemi Sales Office or logic.fpcn@onsemi.com
Type of notification:	This Product Bulletin is for notification purposes only. onsemi will proceed with implementation of this change upon publication of this Product Bulletin.
Change Category:	Datasheet Change
Change Sub-Category(s):	Product specific change

Sites Affected:

onsemi Sites	External Foundry/Subcon Sites
None	None

Description and Purpose:

onsemi 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

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

θ_{ja} , °C/W	New	Existing
US8	250	250
MicroPak 8	232	111
uDFN8	231	111
uQFN8	210	208

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](#).

NL17SG00AMUTCG	NL17SG04AMUTCG	NL17SG08AMUTCG
NLV17SG08DFT2G	NLV17SG14DFT2G	NLV17SGU04DFT2G
NLV17SV125DFT2G	NLV17SZ00DFT2G	NLV17SZ02DFT2G

NLV17SZ04DFT2G	NLV17SZ06DFT2G	NLV17SZ07DFT2G
NLV17SZ08DFT2G	NLV17SZ125DFT1G	NLV17SZ125DFT2G
NLV17SZ126DFT2G	NLV17SZ14DFT2G	NLV17SZ17DFT2G
NLV17SZ240DFT2G	NLV17SZ32DFT2G	NLV17SZ74USG
NLV17SZ74USG-22523Z	NLV17SZ86DFT2G	NLV17SZU04DFT2G
NLV18HC1G08DFT2G	NLV18HC1G32DFT2G	NLV18SG08DFT2G
NLV18SZ00DFT2G	NLV18SZ07DFT2G	NLV18SZ08DFT2G
NLV18SZ14DFT2G	NLV18SZ17DFT2G	NLV18SZ32DFT2G
NLV18VHC1G08DFT2G	NLV18VHC1G09DFT2G	NLV18VHC1G125DFT2G
NLV18VHC1G14DFT2G	NLV18VHC1G32DFT2G	NLV18VHC1GT08DFT2G
NLV18VHC1GT125DFT2G	NLV27WZ00USG	NLV27WZ04DFT1G
NLV27WZ04DFT2G	NLV27WZ06DFT2G	NLV27WZ07DFT2G
NLV27WZ08USG	NLV27WZ08USG-22523Z	NLV27WZ125USG
NLV27WZ126USG	NLV27WZ14DFT2G	NLV27WZ16DFT2G
NLV27WZ17DFT2G	NLV27WZ32USG	NLV27WZ86USG
NLV27WZU04DFT2G	NLV28WZU04DFT2G	NLV37WZ04USG
NLV37WZ07USG	NLV37WZ14USG	NLV37WZ16USG
NLV37WZ17USG	NLV74HC1G00DFT1G	NLV74VHC1G01DFT1G
NLV7SZ19DFT2G	NLV7SZ57DFT2G	NLV7SZ58DFT2G
NLV7SZ97DFT2G	NLV7SZ98DFT2G	NLVHC1G00DFT2G
NLVHC1G02DFT2G	NLVHC1G04DFT2G	NLVHC1G08DFT1G
NLVHC1G08DFT2G	NLVHC1G14DFT1G	NLVHC1G14DFT2G
NLVHC1G32DFT2G	NLVS1T34DFT2G	NLVU1GT125AMUTC
NLVVHC1G00DFT1G	NLVVHC1G00DFT2G	NLVVHC1G02DFT1G
NLVVHC1G02DFT2G	NLVVHC1G03DFT1G	NLVVHC1G04DFT1G
NLVVHC1G04DFT2G	NLVVHC1G05DFT1G	NLVVHC1G07DFT1G
NLVVHC1G07DFT2G	NLVVHC1G08DFT1G	NLVVHC1G08DFT2G
NLVVHC1G09DFT1G	NLVVHC1G09DFT2G	NLVVHC1G125DFT1G
NLVVHC1G125DFT2G	NLVVHC1G126DFT1G	NLVVHC1G126DFT2G
NLVVHC1G132DFT1G	NLVVHC1G132DFT2G	NLVVHC1G135DFT2G
NLVVHC1G14DFT1G	NLVVHC1G14DFT2G	NLVVHC1G32DFT1G
NLVVHC1G32DFT2G	NLVVHC1G50DFT2G	NLVVHC1G86DFT1G
NLVVHC1GT00DFT2G	NLVVHC1GT02DFT2G	NLVVHC1GT04DFT1G
NLVVHC1GT04DFT2G	NLVVHC1GT08DFT1G	NLVVHC1GT08DFT2G
NLVVHC1GT125DF1G	NLVVHC1GT125DF2G	NLVVHC1GT125DT1G
NLVVHC1GT126DF1G	NLVVHC1GT126DF2G	NLVVHC1GT126DT1G
NLVVHC1GT14DFT1G	NLVVHC1GT14DFT2G	NLVVHC1GT32DFT1G

NLHVHC1GT32DFT2G	NLHVHC1GT50DFT1G	NLHVHC1GT50DFT2G
NLHVHC1GT86DFT1G	SLV74VHC1GT125DFT2G	NLVX2G16AMUTCG
NLVX1G74AMUTCG	NLVX1G11AMUTCG	NLHVHC1GU04DFT2G
NLHVHC1GT86DFT2G	NLHVHC1G86DFT2G	NLHVHC1G05DFT2G
NLVHC1G32DFT1G	NLVHC1G04DFT1G	NLV28WZ16DFT2G
NLV18VHC1GT50DFT2G	NLV18VHC1GT04DFT2G	NLV18VHC1G32DFT1G
NLV18VHC1G132DFT2G	NLV18VHC1G04DFT2G	NLV18VHC1G02DFT2G
NLV18VHC1G00DFT2G	NLV18SZ74USG	NLV18SZ125DFT2G
NLV18SZ04DFT2G	NLV18SZ02DFT2G	NLV17SG17DFT2G
NLJVHC1GT08DFT2G	NL17SGU04AMUTCG	NL17SG86AMUTCG
NL17SG34AMUTCG	NL17SG32AMUTCG	NL17SG17AMUTCG
NL17SG14MU1TCG	NL17SG14AMUTCG	NL17SG07AMUTCG
NL17SG02AMUTCG		

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
NLV17SZ02DFT2G		NA		
NLV17SZ08DFT2G		NA		
NLV17SZ125DFT2G		NA		
NLV17SZ126DFT2G		NA		
NLV17SZ14DFT2G		NA		
NLV17SZ17DFT2G		NA		
NLV17SZ74USG		NA		
NLV18SZ14DFT2G		NA		
NLV18SZ17DFT2G		NA		
NLV18VHC1G08DFT2G		NA		
NLV27WZ04DFT2G		NA		
NLV27WZ07DFT2G		NA		
NLV27WZ08USG		NA		
NLV27WZ14DFT2G		NA		
NLV27WZ16DFT2G		NA		
NLV27WZ17DFT2G		NA		
NLV74VHC1G01DFT1G		NA		
NLV7SZ57DFT2G		NA		
NLV7SZ58DFT2G		NA		
NLV7SZ98DFT2G		NA		
NLVSV1T34DFT2G		NA		
NLVVHC1G07DFT1G		NA		
NLVVHC1G08DFT1G		NA		
NLVVHC1G08DFT2G		NA		
NLVVHC1G09DFT1G		NA		
NLVVHC1G125DFT1G		NA		
NLVVHC1G125DFT2G		NA		
NLVVHC1G126DFT1G		NA		
NLVVHC1G132DFT1G		NA		
NLVVHC1G132DFT2G		NA		
NLVVHC1G135DFT2G		NA		
NLVVHC1G14DFT2G		NA		
NLVVHC1G32DFT2G		NA		
NLVVHC1GT04DFT1G		NA		
NLVVHC1GT08DFT1G		NA		
NLVVHC1GT08DFT2G		NA		
NLVVHC1GT125DF2G		NA		
NLVX1G74MUTCG		NA		
NLV17SZ07DFT2G		NA		