

Title of Change:	NCP81292/95/96 Current Limit Clamp Voltage Vcl_Lo Datasheet Update
Effective date:	29 Mar 2023
Contact information:	Contact your local onsemi Sales Office or Wayne.Cheng@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:

This Product Bulletin is to announce the change of NCP81292 / NCP81295 / NCP81296 datasheet as below.

NCP81292

	Change from	Change to
P11	Current Limit Clamp Voltage Min=135mV, Max= 165mV	Current Limit Clamp Voltage Min=143mV, Max= 162mV
P12 VG Low Threshold	Latch/Restart if VGD < VG_TH after tSSF_END or tGATE_FLT	Restart if VGD < VG_TH after tSSF_END or tGATE_FLT
P12 VOUT Low Threshold	Latch/Restart if VOUT < VOUTL_TH after tSSF_END	Restart if VOUT < VOUTL_TH after tSSF_END
P18 Maximum CLOAD vs SoftStart Time	RLOAD =1.2Ω	RLOAD =2.4Ω
P20 Multiple Fuse Power Up	Keeping the current through each switch within 1 A (typical) helps to prevent overstress on each switching during soft-start.	NA

NCP81295 / NCP81296

	Change from	Change to
P11	Current Limit Clamp Voltage Min=135mV, Max= 165mV	Current Limit Clamp Voltage Min=143mV, Max= 162mV
P18 Maximum CLOAD vs SoftStart Time	RLOAD =1.2Ω	RLOAD =2.4Ω
P20 Multiple Fuse Power Up	Keeping the current through each switch within 1 A (typical) helps to prevent overstress on each switching during soft-start.	NA

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](#).

NCP81296MNTXG	NCP81295MNTXG	NCP81292MNTXG
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Appendix A: Changed Products

PCN#: PB25349X
Issue Date: Mar 29, 2023

DIKG: DIGI-KEY

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
NCP81296MNTXG		NCP81295MNTXG		
NCP81292MNTXG		NCP81295MNTXG		
NCP81295MNTXG		NCP81295MNTXG		