

Title of Change:	Datasheet Update for NCV84140DR2G.
Effective date:	08 Nov 2022
Contact information:	Contact your local onsemi Sales Office or Zihan.Shang@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 Update
Change Sub-Category(s):	Datasheet/Product Doc change

Sites Affected:

onsemi Sites	External Foundry/Subcon Sites
None	None

Description and Purpose:

Update the load resistor for Delay Time ID Rising Edge to Rising Edge of CS parameter to improve stability of parametric performance.

Delay Time I _D Rising Edge to Rising Edge of CS	Δt_{CS_High2}	change to 13 Ohms ↑
		$R_L = 6.5\ \Omega$, $R_{CS} = 1\ k\Omega$, $V_{IN} = 5\ V$, $I_{OUT} = 200\ mA$, $I_{CS} = 50\%$ of I_{CSMAX}

copy this block to 84140 data sheet

Comment of “not production tested” is added to parameters below that should already have it:

- Single Pulse Inductive Load Switching Energy
- Supply Current (OFF-state: $V_D = 13\ V$, $V_{IN} = V_{OUT} = 0\ V$, $T_j = 85^\circ C$)
- Output Saturation Current

The change will not impact form, fit, or function of product(s)

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**.

NCV84140DR2G		
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Appendix A: Changed Products

PCN#: PB25048Z
Issue Date: Nov 08, 2022

DIKG: DIGI-KEY

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
NCV84140DR2G		NA		