



Title of Change:	NCV7428 Datasheet Update – Revision 3					
Effective date:	27 August 2015					
Contact information:	Contact your local ON Semiconductor Sales Office or Roman Buzas <roman.buzas@onsemi.com>					
Type of notification:	ON Semiconductor will consider this change accepted.					
Change category:	<input type="checkbox"/> Wafer Fab Change <input type="checkbox"/> Assembly Change <input type="checkbox"/> Test Change <input checked="" type="checkbox"/> Other _____					
Change Sub-Category(s):	<input type="checkbox"/> Manufacturing Site Change/Addition <input type="checkbox"/> Material Change <input type="checkbox"/> Manufacturing Process Change <input type="checkbox"/> Product specific change			<input checked="" type="checkbox"/> Datasheet/Product Doc change <input type="checkbox"/> Shipping/Packaging/Marking <input type="checkbox"/> Other: _____		
Sites Affected:	<input type="checkbox"/> All site(s) <input checked="" type="checkbox"/> not applicable <input type="checkbox"/> ON Semiconductor site(s) : <input type="checkbox"/> External Foundry/Subcon site(s)					
Description and Purpose:						
Electrical DC Characteristics updated:						
<ul style="list-style-type: none"> Specification for VOUT regulator output voltage during exposure to RF electro-magnetic disturbances with no bus capacitance added. 						
Table 6. DC CHARACTERISTICS						
Symbol	Parameter	Conditions	Min	Typ	Max	Unit
V_{OUT} REGULATOR						
V _{OUT_5_EMC}	VOUT regulator output voltage under EMC (Note 6)	DPI EMC test applied to LIN pin. No bus capacitor. SOIC8 package; (Note 5)	4.85	5	5.15	V
V _{OUT_33_EMC}	VOUT regulator output voltage under EMC (Note 6)	DPI EMC test applied to LIN pin. No bus capacitor. SOIC8 package; (Note 5)	3.201	3.3	3.399	V
4. In case LIN bus capacitor of at least 82 pF is not used VOUT_5_EMC and VOUT_33_EMC needs to be taken into account.						
5. Tested according to: LIN Conformance Test Specification Package for LIN 2.1, October 10th, 2008. Verified by external test house.						
6. Values based on design and characterization. Not tested in production.						
List of Affected Standard Parts:						
NCV7428D15R2G NCV7428D13R2G NCV7428D1L5R2G NCV7428D1L3R2G NCV7428MW5R2G NCV7428MW3R2G NCV7428MWL5R2G NCV7428MWL3R2G						