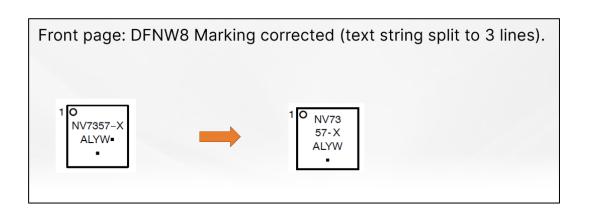
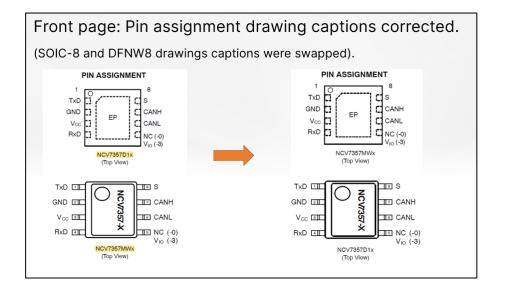
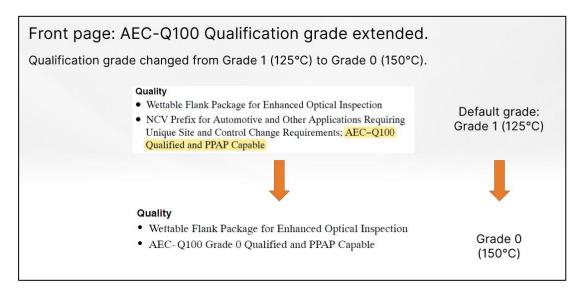


Title of Change:	NCV7357 Datasheet Update					
Effective date:	09 Jan 2023					
Contact information:	Contact your local onsemi Sales Office or Jelle.Genne@onsemi.com					
Type of notification:	This Product Bulletin is for notification purposes only. onsemi will proceed with implementation of this change upon publication of this Product Bulletin.					
Change Category:	Datasheet					
Change Sub-Category(s):	Product specific change					
Sites Affected:						
onsemi Sites		External Four	ndry/Subcon Sites			
None	None					
Description and Purpose:						
Datasheet update from Rev. 0 to Correction of data sheet or issue Typo corrections. SOIC-8 package Case of DFNW8 Marking correct Pin assignment drawing AEC-Q100 Qualification Absolute maximum rat Electrical characteristic ISO 11898–2:2016 Para	of errata ode corrected. cted. g captions corrected. n grade extended. ings clarification.					
	From		То			
Datasheet	NCV7357/D, Rev. 0		NCV7357/D, Rev. 1			







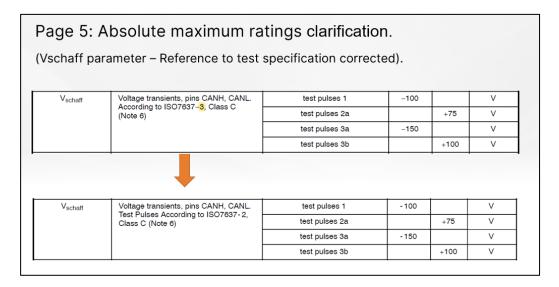




## Page 5: Absolute maximum ratings clarification.

(VI/O parameter split to VIN and VOUT. RxD pin absolute maximum rating limited to maximum given by digital pins supply voltage level + 0.3 V).

Symbol	Parameter	Conditions	Min.	Max.	Unit
V <sub>I/O</sub>	DC voltage at pin TxD, RxD, S		-0.3	+6.0	V
3. ABSOLU	ITE MAXIMUM RATINGS	-			
3. ABSOLU Symbol	ITE MAXIMUM RATINGS	Conditione	Min.	Max.	Unit
		Conditione	Min.	Max. +6.0	Unit



in/max values T	<b>TRICAL CHARACTERISTICS</b> ( $V_{CC} = 4.75 \text{ V}$ to 5.25 V $_J = -40 \text{ to } +150^{\circ}\text{C}$ ; $R_{LT} = 60 \Omega$ , $C_{RxD} = 15 \text{ pF}$ ; unless othe flow into the respective pin; (Notes 11))					
					2).	
	TAGE (Pin V <sub>IO</sub> ) Only for NCV7357-3 version	 2.8	_	5.5	V	
n/max values T <sub>J</sub> sitive currents flo	RICAL CHARACTERISTICS ( $V_{CC}$ = 4.75 V to 5.25 V; = -40 to +150°C; R <sub>LT</sub> = 60 Ω, C <sub>RxD</sub> = 15 pF; unless other w into the respective pin) TAGE (Pin V <sub>IO</sub> ) Only for NCV7357-3 version Supply voltage on pin V <sub>IO</sub>					1

## onsemi

Igle ended output voltage on CAN_H Vorm (CANH) Igle ended output voltage on CAN_L Vorm (CANH) ferential output voltage on CAN_L Vorm (GANH) CEIVER OUTPUT CHARACTERISTICS, BUS BIASING ACTIVE Igle ended output voltage on CAN_H Vorm Vorm Vorm (GANH) Igle ended output voltage on CAN_L Norm (GANH) Igle ended output voltage on CAN_H NO (Igle) Igle ended output voltage on CAN_H NO (Igle)				
Open ended output voltage on CAN_L     VA       ferential output voltage     VDiff     NA       CEIVER OUTPUT CHARACTERISTICS, BUS BIASING INACTIVE     VCAN_H     Vorm() (CANH)       Igle ended output voltage on CAN_L     VCAN_L     Vorm() (CANH)       Igle ended output voltage     VDiff     VCAN_L       Igle ended output voltage on CAN_L     VCAN_L     Vorm() (CANH)       Igle ended output voltage     VDiff     Vorm() (CANH)       Eerential output voltage     VDiff     Vorm() (CANH)       Gele ended output voltage on CAN_L     VCAN_H     Vorm() (CANH)       Igle ended output voltage on CAN_H     VCAN_H     Vorm() (CANH)       Igle ended output voltage on CAN_L     VCAN_H     Vorm() (CANH)       Igle ended output voltage on CAN_L     VCAN_H     Vorm()       CEIVER OUTPUT CHARACTERISTICS, BUS BIASING INACTIVE     Igle ended output voltage on CAN_H     VORM_H       Igle ended output voltage on CAN_H     VCAN_H     NA		New v	NA	
OWE     OWE       CEIVER OUTPUT CHARACTERISTICS, BUS BIASING INACTIVE     VOIN     NA       reintal output voltage on CAN_H     VOAN_H     Vo(on) (CANH)       igle ended output voltage     VO.III     VOORD (CANK)       reintal output voltage     VD.III     Vo(on) (CANK)				
CEIVER OUTPUT CHARACTERISTICS, BUS BIASING INACTIVE  ugle ended output voltage on CAN_H Vo(off) (CANH)  ugle ended output voltage on CAN_L Vo(off) (CANH)  CEIVER OUTPUT CHARACTERISTICS, BUS BIASING ACTIVE  gle ended output voltage on CAN_L Vo(off) (CAN_L) Vo(off) (CAN_L) CEIVER OUTPUT CHARACTERISTICS, BUS BIASING INACTIVE  gle ended output voltage Vo(off) (CAN_L) Vo(rec) gle ended output voltage on CAN_L Vo(rec) gle ended output voltage Vo(rec) gle ended output voltage Vo(rec) gle ended output voltage on CAN_L No(rec) gle ended output voltage Vo(rec) Gle ended output voltage on CAN_H NA				
Igle ended output voltage on CAN_H Vorm (CANH) Igle ended output voltage on CAN_L Vorm (CANH) ferential output voltage on CAN_L Vorm (GANH) CEIVER OUTPUT CHARACTERISTICS, BUS BIASING ACTIVE Igle ended output voltage on CAN_H Vorm Vorm Vorm (GANH) Igle ended output voltage on CAN_L Norm (GANH) Igle ended output voltage on CAN_H NO (Igle) Igle ended output voltage on CAN_H NO (Igle)	RECEIVER OUTPUT CHARACTERISTICS, BUS BIASING INACTIVE	• Diff		
Igle ended output voltage on CAN_L Vo(off) (CANL) ferential output voltage VD(off) (diff) CEIVER OUTPUT CHARACTERISTICS, BUS BIASING ACTIVE gle ended output voltage on CAN_H Vo(rec) gle ended output voltage on CAN_L Vo(rec) ierential output voltage OCAN_L Vo(rec) ierential output voltage VD(off) Vo(rec) gle ended output voltage VO(rec) gle ended output voltage OCAN_H VO(rec) gle ended output voltage OCAN_H NA	Single ended output voltage on CAN_H	V <sub>CAN H</sub>	Vo(off) (CANH)	
ferential output voltage     VDiff     Voltificity       VDiff     Voltificity       CEIVER OUTPUT CHARACTERISTICS, BUS BIASING ACTIVE       gle ended output voltage on CAN_H     VORM_H     Vorec)       gle ended output voltage     VDiff     Vorec)       erential output voltage     VDiff     Vorec)       ferential output voltage     VDiff     Vorec)       gle ended output voltage     VDiff     Vorec)(diff)       CEIVER OUTPUT CHARACTERISTICS, BUS BIASING INACTIVE       gle ended output voltage on CAN_H     VCAN_H     NA	Single ended output voltage on CAN_L			
CEIVER OUTPUT CHARACTERISTICS, BUS BIASING ACTIVE       gle ended output voltage on CAN_H     V_CAN_H     Vo(rec)       gle ended output voltage on CAN_L     Vo(rec)       erential output voltage     V_Diff     Vo(rec)(diff)       CEIVER OUTPUT CHARACTERISTICS, BUS BIASING INACTIVE       gle ended output voltage on CAN_H     V_CAN_H     NA	Differential output voltage	V <sub>Diff</sub>		
Output voltage         Voire         Voire           CEIVER OUTPUT CHARACTERISTICS, BUS BIASING INACTIVE         gle ended output voltage on CAN_H         VCAN_H         NA	Single ended output voltage on CAN H	V <sub>CAN_H</sub>	V <sub>o(rec)</sub>	
Image: Normal Strength         VDiff         Vortect/diff           CEIVER OUTPUT CHARACTERISTICS, BUS BIASING INACTIVE         gle ended output voltage on CAN_H         VCAN_H           gle ended output voltage on CAN_H         VCAN_H         NA				
CEIVER OUTPUT CHARACTERISTICS, BUS BIASING INACTIVE           gle ended output voltage on CAN_H         V_CAN_H         NA	Single ended output voltage on CAN_L	V <sub>CAN L</sub>	V <sub>o(rec)</sub>	
gle ended output voltage on CAN_L V <sub>CAN_L</sub> NA	Single ended output voltage on CAN_L			
	Single ended output voltage on CAN_L Differential output voltage	V <sub>Diff</sub>	Vo(rec)(diff)	
erential output voltage V <sub>Diff</sub> NA	Single ended output voltage on CAN_L Differential output voltage RECEIVER OUTPUT CHARACTERISTICS, BUS BIASING INACTIVE	V <sub>Diff</sub>	V <sub>o(rec)</sub> (diff) NA	
	ngle ended output voltage on CAN_L			

**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**.

NCV7357MW3R2G	NCV7357MW0R2G	NCV7357D13R2G
NCV7357D10R2G		

## Appendix A: Changed Products

## DIKG: DIGI-KEY

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
NCV7357MW3R2G		N/A		
NCV7357D13R2G		N/A		
NCV7357D10R2G		N/A		
NCV7357MW0R2G		N/A		