

# NCV8503PW50R2G

#### NCV8503PW50R2G Information

evertitenen.com	 NCV8503PW50R2G ON Semiconductor Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear IC REG LINEAR 5V 400MA 16SOIC 16-SOIC (0.295", 7.50mm Width) Exposed Pad For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



# NCV8503PW50R2G Specifications

Manufacturer     ON Semiconductor       Manufacturer     Integrated Circuits (ICs)       PMIC - Voltage Regulators - Linear     PMIC - Voltage Regulators - Linear       ackage     16-SOIC (0.295", 7.50mm Width) Exposed Pad       ackage     Automotive, AEC-Q100       butput Configuration     Positive       butput Type     Fixed       foldage - Input (Max)     1       voltage - Output (Min/Fixed)     5V       voltage - Output (Max)     -       voltage Dropout (Max)     0.6V @ 400mA       vurrent - Output     400mA       vurrent - Quiescent (Iq)     -       vurrent - Supply (Max)     350µA ~ 45mA       SRR     -		
ategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - Linearackage16-SOIC (0.295", 7.50mm Width) Exposed PadackageAutonotive, AEC-Q100butput ConfigurationPositivebutput TypeFixedbutput Type1voltage - Input (Max)45Vvoltage - Output (Min/Fixed)5Vvoltage - Output (Max)0.6V @ 400mAvurrent - Output400mAvurrent - Quiescent (Iq)-stRR350µA ~ 45mA	Manufacturer Part Number	NCV8503PW50R2G
PMIC - Voltage Regulators - Linearackage16-SOIC (0.295", 7.50mm Width) Exposed PadackageAutomotive, AEC-Q100butput ConfigurationPositivebutput TypeFixedfumber of Regulators1'oltage - Input (Max)45V'oltage - Output (Min/Fixed)5V'oltage - Output (Max).'oltage - Output (Max)0.6V @ 400mA'urrent - Output400mA'urrent - Quiescent (Iq).'straft350µA ~ 45mASRR.	Manufacturer	ON Semiconductor
ackage     16-SOIC (0.295", 7.50mm Width) Exposed Pad       eries     Automotive, AEC-Q100       butput Configuration     Positive       butput Type     Fixed       butput Type     1       foltage - Input (Max)     45V       foltage - Output (Min/Fixed)     5V       foltage - Output (Max)     -       foltage Dropout (Max)     0.6V @ 400mA       furment - Output     400mA       furment - Supply (Max)     350µA ~ 45mA       SRR     -	Category	Integrated Circuits (ICs)
eries     Automotive, AEC-Q100       butput Configuration     Positive       butput Type     Fixed       butput Type     1       butput Gonga - Input (Max)     45V       boltga - Output (Min/Fixed)     5V       boltga - Output (Max)     -       boltga - Output (Max)     -       boltga - Output (Max)     0.6V @ 400mA       boltga - Output (Max)     -       boltga - Output (Max)     0.6V @ 400mA       boltga - Output (Max)     -       boltga - Output (Max)     350µA ~ 45mA       boltga - SRR     -		PMIC - Voltage Regulators - Linear
Autput ConfigurationPositivePositiveFixedPumber of Regulators1Poltage - Input (Max)45VPoltage - Output (Min/Fixed)5VPoltage - Output (Max)-Poltage Dropout (Max)0.6V @ 400mAPurrent - Output400mAPurrent - Quiescent (Iq)-Purrent - Supply (Max)350µA ~ 45mASRR-	Package	16-SOIC (0.295", 7.50mm Width) Exposed Pad
https://type     Fixed       fumber of Regulators     1       foltage - Input (Max)     45V       foltage - Output (Min/Fixed)     5V       foltage - Output (Max)     -       foltage Dropout (Max)     0.6V @ 400mA       furrent - Output     400mA       furrent - Quiescent (Iq)     -       furrent - Supply (Max)     350µA ~ 45mA       SRR     -	Series	Automotive, AEC-Q100
Y of YYJumber of Regulators1Joltage - Input (Max)45VJoltage - Output (Min/Fixed)5VJoltage - Output (Max)-Joltage Dropout (Max)0.6V @ 400mAJurrent - Output400mAJurrent - Quiescent (Iq)-Jurrent - Supply (Max)350µA ~ 45mASRR-	Output Configuration	Positive
Yoltage - Input (Max)     45V       Yoltage - Output (Min/Fixed)     5V       Yoltage - Output (Max)     -       Yoltage Dropout (Max)     0.6V @ 400mA       Yurrent - Output     400mA       Yurrent - Quiescent (Iq)     -       Yurrent - Supply (Max)     350μA ~ 45mA       SRR     -	Output Type	Fixed
Yoltage - Output (Min/Fixed)     5V       Yoltage - Output (Max)     -       Yoltage Dropout (Max)     0.6V @ 400mA       Yurrent - Output     400mA       Yurrent - Quiescent (Iq)     -       Yurrent - Supply (Max)     350µA ~ 45mA       SRR     -	Number of Regulators	1
Yoltage - Output (Max)-Yoltage Dropout (Max)0.6V @ 400mAYurrent - Output400mAYurrent - Quiescent (Iq)-Yurrent - Supply (Max)350μA ~ 45mASRR-	Voltage - Input (Max)	45V
Voltage Dropout (Max)0.6V @ 400mAburrent - Output400mAburrent - Quiescent (Iq)-burrent - Supply (Max)350µA ~ 45mASRR-	Voltage - Output (Min/Fixed)	5V
Purrent - Output400mAPurrent - Quiescent (Iq)-Purrent - Supply (Max)350μA ~ 45mASRR-	Voltage - Output (Max)	-
Purrent - Quiescent (Iq) -   Purrent - Supply (Max) 350μA ~ 45mA   SRR -	Voltage Dropout (Max)	0.6V @ 400mA
Purrent - Supply (Max)350μA ~ 45mASRR-	Current - Output	400mA
SRR -	Current - Quiescent (Iq)	-
	Current - Supply (Max)	350µA ~ 45mA
ontrol Features Enable, Reset	PSRR	-
	Control Features	Enable, Reset
rotection Features Over Temperature, Reverse Polarity, Short Circuit	Protection Features	Over Temperature, Reverse Polarity, Short Circuit
perating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Operating Temperature	$-40^{\circ}C \sim 150^{\circ}C$
founting Type Surface Mount	Mounting Type	Surface Mount
ackage / Case 16-SOIC (0.295", 7.50mm Width) Exposed Pad	Package / Case	16-SOIC (0.295", 7.50mm Width) Exposed Pad
upplier Device Package 16-SOIC	Supplier Device Package	16-SOIC
Report errors?		Report errors?

#### NCV8503PW50R2G Guarantees



Quality Guarantees

We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

# SERVICE EUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

# NCV8503PW50R2G Payment Methods





If you have any question about NCV8503PW50R2G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com