

NCV7805ABD2TR4G

NCV7805ABD2TR4G Information



For Reference Only

Part Number NCV7805ABD2TR4G
Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 5V 1A D2PAK

Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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NCV7805ABD2TR4G Specifications

Manufacturer Part Number NCV7805ABD2TR4G Manufacturer ON Semiconductor Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Series Automotive, AEC-Q100 Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 35V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage - Output (Max) 2V @ 1A (Typ) Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 6A PSRR 83dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package D2PAK	•	
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SeriesAutomotive, AEC-Q100Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)35VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)2V @ 1A (Typ)Current - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)6APSRR83dB (120Hz)Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK		PMIC - Voltage Regulators - Linear
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Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Voltage Dropout (Max) 2V @ 1A (Typ) Current - Output 1A Current - Quiescent (Iq) Current - Supply (Max) 6A PSRR 83dB (120Hz) Control Features Protection Features Over Temperature, Short Circuit Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 6A PSRR 83dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package D2PAK	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) 2V @ 1A (Typ) Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 6A PSRR 83dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 2V @ 1A (Typ) Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 6A PSRR 83dB (120Hz) Control Features - Ver Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package D2PAK	Voltage - Input (Max)	35V
Voltage Dropout (Max) Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 83dB (120Hz) Control Features Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package D2PAK	Voltage - Output (Min/Fixed)	5V
Current - Output Current - Quiescent (Iq) - Current - Supply (Max) 6A PSRR 83dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) 6A PSRR 83dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package	Voltage Dropout (Max)	2V @ 1A (Typ)
Current - Supply (Max) 6A PSRR 83dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package	Current - Output	1A
PSRR 83dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package D2PAK	Current - Quiescent (Iq)	-
Control Features - Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package D2PAK	Current - Supply (Max)	6A
Protection Features Over Temperature, Short Circuit -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package D2PAK	PSRR	83dB (120Hz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package D2PAK	Control Features	-
Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package D2PAK	Protection Features	Over Temperature, Short Circuit
Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package D2PAK	Operating Temperature	-40°C ~ 125°C
Supplier Device Package D2PAK	Mounting Type	Surface Mount
	Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Report errors?	Supplier Device Package	D2PAK
Report errors.		Report errors

NCV7805ABD2TR4G 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 Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

NCV7805ABD2TR4G Payment Methods



















NCV7805ABD2TR4G Shipping Methods













If you have any question about NCV7805ABD2TR4G, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com