

NCV4275ADT50RKG-IR01

NCV4275ADT50RKG-IR01 Information



For Reference Only

Part Number NCV4275ADT50RKG-IR01

Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

DescriptionIC REG LINEAR 5V 450MA DPAK-5**Package**TO-252-5, DPak (4 Leads + Tab), TO-252AD

For the pricing/inventory/lead time, please contact

us

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



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NCV4275ADT50RKG-IR01 Specifications

Manufacturer Part Number NCV4275ADT50RKG-IR01 Manufacturer ON Semiconductor Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-252-5, DPak (4 Leads + Tab), TO-252AD Series Automotive, AEC-Q100 Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 42V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 300mA Current - Output 450mA Current - Output 450mA Current - Supply (Max) 35mA PSRR 60dB (100Hz) Control Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package (Case TO-252-5 PPak (4 Leads + Tab), TO-252-AD		
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PMIC - Voltage Regulators - LinearPackageTO-252-5, DPak (4 Leads + Tab), TO-252ADSeriesAutomotive, AEC-Q100Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)42VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 300mACurrent - Output450mACurrent - Quiescent (Iq)200μACurrent - Supply (Max)35mAPSRR60dB (100Hz)Control FeaturesResetProtection FeaturesOver Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface Mount	Manufacturer	ON Semiconductor
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Series Automotive, AEC-Q100 Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 42V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 300mA Current - Output 450mA Current - Quiescent (Iq) 200µA Current - Supply (Max) 35mA PSRR 60dB (100Hz) Control Features Reset Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount		PMIC - Voltage Regulators - Linear
Output Configuration Output Type Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 450mA Current - Quiescent (Iq) Current - Supply (Max) PSRR 60dB (100Hz) Control Features Protection Features Protection Features Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Fixed Positive Fixed Positive Fixed Positive Fixed Positive Fixed A2V Voltage Fixed 1 42V Voltage Dropout (Max) -40°C ~ 150°C (TJ) Surface Mount	Package	TO-252-5, DPak (4 Leads + Tab), TO-252AD
Output TypeFixedNumber of Regulators1Voltage - Input (Max)42VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 300mACurrent - Output450mACurrent - Quiescent (Iq)200μACurrent - Supply (Max)35mAPSRR60dB (100Hz)Control FeaturesResetProtection FeaturesOver Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface Mount	Series	Automotive, AEC-Q100
Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 450mA Current - Quiescent (Iq) Current - Supply (Max) PSRR 60dB (100Hz) Control Features Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 42V 42V 42V 5V 5V 0.5V @ 300mA 60dMA 200µA Current - Quiescent (Iq) 200µA Current - Supply (Max) 75mA PSRR 60dB (100Hz) Control Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) - Voltage Dropout (Max) Current - Output 450mA Current - Quiescent (Iq) Current - Supply (Max) PSRR 60dB (100Hz) Control Features Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output 450mA Current - Quiescent (Iq) Current - Supply (Max) PSRR 60dB (100Hz) Control Features Protection Features Protection Features Operating Temperature Mounting Type 5V 5V 5V 5V 5V 5V 60dB (100Hz) 60dB (200mA 60dB (100Hz) 70m Temperature, Reverse Polarity, Short Circuit 60m A 60m A 60dB (100Hz) 60m A 60dB (100Hz) 70m Temperature, Reverse Polarity, Short Circuit 60m A 6	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 0.5V @ 300mA Current - Output 450mA Current - Quiescent (Iq) 200μA Current - Supply (Max) PSRR 60dB (100Hz) Control Features Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount	Voltage - Input (Max)	42V
Voltage Dropout (Max) $0.5V @ 300mA$ Current - Output $450mA$ Current - Quiescent (Iq) $200\mu A$ Current - Supply (Max) $35mA$ PSRR $60dB (100Hz)$ Control Features Reset Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature $-40^{\circ}C \sim 150^{\circ}C (TJ)$ Mounting Type Surface Mount	Voltage - Output (Min/Fixed)	5V
Current - Output 450mA Current - Quiescent (Iq) Current - Supply (Max) PSRR 60dB (100Hz) Control Features Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) PSRR 60dB (100Hz) Control Features Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount	Voltage Dropout (Max)	0.5V @ 300mA
Current - Supply (Max) PSRR 60dB (100Hz) Control Features Reset Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount	Current - Output	450mA
PSRR 60dB (100Hz) Control Features Reset Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount	Current - Quiescent (Iq)	200μΑ
Control FeaturesResetProtection FeaturesOver Temperature, Reverse Polarity, Short CircuitOperating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TJ)Mounting TypeSurface Mount	Current - Supply (Max)	35mA
Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TJ) Mounting Type Surface Mount	PSRR	60dB (100Hz)
Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount	Control Features	Reset
Mounting Type Surface Mount	Protection Features	Over Temperature, Reverse Polarity, Short Circuit
	Operating Temperature	-40°C ~ 150°C (TJ)
Package / Case TO-252-5 DPak (4 Leads + Tab) TO-2524D	Mounting Type	Surface Mount
10-232-3, D1 ak (+ Leaus + 1 au), 10-232AD	Package / Case	TO-252-5, DPak (4 Leads + Tab), TO-252AD
Supplier Device Package DPAK-5	Supplier Device Package	DPAK-5
Report errors		Report errors?

NCV4275ADT50RKG-IR01 Guarantees



Ouality 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.

NCV4275ADT50RKG-IR01 Payment Methods



















NCV4275ADT50RKG-IR01 Shipping Methods













If you have any question about NCV4275ADT50RKG-IR01, please do not hesitate to contact us!

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