

TC1301A-AAAVMFTR

TC1301A-AAAVMFTR Information



For Reference Only

Part Number TC1301A-AAAVMFTR
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LIN 3.3/3.3V/2.63V 8DFN

Package 8-VDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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TC1301A-AAAVMFTR Specifications

Manufacturer Part Number Manufacturer Microchip Technology Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package Series Output Configuration Positive Fixed Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR Control Features Microchip Technology Microchip Technology Microchip Technology Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear 8-VDFN Exposed Pad - Coursile Features Microchip Technology Microchip Technology Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear 8-VDFN Exposed Pad - Coursile Features Microchip Technology Microchip Technology Finable Reset		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 8-VDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3.3V, 3.3V, 2.63V Voltage - Output (Max) - Voltage Dropout (Max) 0.18V @ 300mA, 0.25V @ 150mA Current - Output Current - Quiescent (Iq) - Current - Supply (Max) 180µA PSRR 58dB (100Hz)	Manufacturer Part Number	TC1301A-AAAVMFTR
PMIC - Voltage Regulators - Linear Package 8-VDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3.3V, 3.3V, 2.63V Voltage - Output (Max) - Voltage Dropout (Max) 0.18V @ 300mA, 0.25V @ 150mA Current - Output 300mA, 150mA Current - Quiescent (Iq) - Current - Supply (Max) 180μA PSRR 58dB (100Hz)	Manufacturer	Microchip Technology
Package8-VDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3V, 3.3V, 2.63VVoltage - Output (Max)-Voltage Dropout (Max)0.18V @ 300mA, 0.25V @ 150mACurrent - Output300mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)180μAPSRR58dB (100Hz)	Category	Integrated Circuits (ICs)
Series Output Configuration Positive Output Type Fixed Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR - Output Configuration Positive Fixed 0 4 0 5 0 1 0 1 0 1 0 1 0 1 0 1 0 1		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3V, 3.3V, 2.63VVoltage - Output (Max)-Voltage Dropout (Max)0.18V @ 300mA, 0.25V @ 150mACurrent - Output300mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)180μAPSRR58dB (100Hz)	Package	8-VDFN Exposed Pad
Output TypeFixedNumber of Regulators2Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3V, 3.3V, 2.63VVoltage - Output (Max)-Voltage Dropout (Max)0.18V @ 300mA, 0.25V @ 150mACurrent - Output300mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)180μAPSRR58dB (100Hz)	Series	-
Number of Regulators 2 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3.3V, 3.3V, 2.63V Voltage - Output (Max) - Voltage Dropout (Max) 0.18V @ 300mA, 0.25V @ 150mA Current - Output 300mA, 150mA Current - Quiescent (Iq) - Current - Supply (Max) 180μA PSRR 58dB (100Hz)	Output Configuration	Positive
Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3.3V, 3.3V, 2.63V Voltage - Output (Max) - Voltage Dropout (Max) 0.18V @ 300mA, 0.25V @ 150mA Current - Output 300mA, 150mA Current - Quiescent (Iq) - Current - Supply (Max) 180μA PSRR 58dB (100Hz)	Output Type	Fixed
Voltage - Output (Min/Fixed) 3.3V, 3.3V, 2.63V Voltage - Output (Max) - Voltage Dropout (Max) 0.18V @ 300mA, 0.25V @ 150mA Current - Output 300mA, 150mA Current - Quiescent (Iq) - Current - Supply (Max) 180μA PSRR 58dB (100Hz)	Number of Regulators	2
Voltage - Output (Max) - Voltage Dropout (Max) 0.18V @ 300mA, 0.25V @ 150mA Current - Output 300mA, 150mA Current - Quiescent (Iq) - Current - Supply (Max) 180μA PSRR 58dB (100Hz)	Voltage - Input (Max)	6V
Voltage Dropout (Max) 0.18V @ 300mA, 0.25V @ 150mA Current - Output 300mA, 150mA Current - Quiescent (Iq) - Current - Supply (Max) 180μA PSRR 58dB (100Hz)	Voltage - Output (Min/Fixed)	3.3V, 3.3V, 2.63V
Current - Output 300mA, 150mA Current - Quiescent (Iq) - Current - Supply (Max) 180μA PSRR 58dB (100Hz)	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) PSRR - 180µA 58dB (100Hz)	Voltage Dropout (Max)	0.18V @ 300mA, 0.25V @ 150mA
Current - Supply (Max) PSRR 180µA 58dB (100Hz)	Current - Output	300mA, 150mA
PSRR 58dB (100Hz)	Current - Quiescent (Iq)	-
	Current - Supply (Max)	180μΑ
Control Features Enable Reset	PSRR	58dB (100Hz)
Control Features Enable, Reset	Control Features	Enable, Reset
Protection Features Over Current, Over Temperature	Protection Features	Over Current, Over Temperature
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Operating Temperature	-40°C ~ 125°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 8-VDFN Exposed Pad	Package / Case	8-VDFN Exposed Pad
Supplier Device Package 8-DFN-EP (3x3)	Supplier Device Package	8-DFN-EP (3x3)
Report error		Report errors?

TC1301A-AAAVMFTR 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.

TC1301A-AAAVMFTR Payment Methods



















TC1301A-AAAVMFTR Shipping Methods













If you have any question about TC1301A-AAAVMFTR, please do not hesitate to contact us!

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