



MC7812CD2TR4 Information



For Reference Only

Part Number MC7812CD2TR4

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

DescriptionIC REG LINEAR 12V 1A D2PAKPackageTO-263-3, D2Pak (2 Leads + Tab), TO-263AB

For the pricing/inventory/lead time, please contact

us

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



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MC7812CD2TR4 Specifications

Manufacturer Part Number MC7812CD2TR4 Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 35V Voltage - Output (Min/Fixed) 12V Voltage - Output (Max) - Voltage Dropout (Max) 2V @ 1A (Typ) Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 6.5mA PSRR 60dB (1kHz) Control Features Over Temperature, Short Circuit Operating Temperature 0°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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Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)35VVoltage - Output (Min/Fixed)12VVoltage - Output (Max)-Voltage Dropout (Max)2V @ 1A (Typ)Current - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)6.5mAPSRR60dB (1kHz)Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK		PMIC - Voltage Regulators - Linear
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Voltage - Output (Max) Voltage Dropout (Max) 2V @ 1A (Typ) Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 6.5mA PSRR 60dB (1kHz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature 0°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 60dB (1kHz) Control Features Protection Features Over Temperature, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package	Voltage - Output (Min/Fixed)	12V
Current - Output Current - Quiescent (Iq) Current - Supply (Max) 6.5mA PSRR 60dB (1kHz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature 0°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) 6.5mA 60dB (1kHz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature 0°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)
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PSRR 60dB (1kHz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature 0°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 0°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)	6.5mA
Protection Features Over Temperature, Short Circuit Operating Temperature O°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Supplier Device Package D2PAK	PSRR	60dB (1kHz)
Operating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSupplier Device PackageD2PAK	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	0°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?

MC7812CD2TR4 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.

MC7812CD2TR4 Payment Methods



















MC7812CD2TR4 Shipping Methods













If you have any question about MC7812CD2TR4, please do not hesitate to contact us!

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