

MC7812ABD2TR4G

MC7812ABD2TR4G Information



For Reference Only

Part Number MC7812ABD2TR4G

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 12V 1A D2PAK

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

us

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

For the pricing/inventory/lead time, please contact



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MC7812ABD2TR4G Specifications

Manufacturer Part Number MC7812ABD2TR4G 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 - Output (Max) 2V @ 1A (Typ) Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 6mA PSRR 60d8 (1kHz) 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	Processian Special Control of the Co	
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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)6mAPSRR60dB (1kHz)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
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)6mAPSRR60dB (1kHz)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	Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
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Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) 12V Voltage - Output (Max) Voltage Dropout (Max) 2V @ 1A (Typ) Current - Output 1A Current - Quiescent (Iq) Current - Supply (Max) 6mA PSRR 60dB (1kHz) 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 Configuration	Positive
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Voltage - Output (Max)12VVoltage - Output (Max)-Voltage Dropout (Max)2V @ 1A (Typ)Current - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)6mAPSRR60dB (1kHz)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	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 2V @ 1A (Typ) Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 6mA PSRR 60dB (1kHz) 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 60dB (1kHz) 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 (Min/Fixed)	12V
Current - Output Current - Quiescent (Iq) Current - Supply (Max) 6mA PSRR 60dB (1kHz) 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) 6mA 60dB (1kHz) 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) PSRR 60dB (1kHz) 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 - Output	1A
PSRR 60dB (1kHz) 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)	6mA
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	60dB (1kHz)
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?

MC7812ABD2TR4G 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.

MC7812ABD2TR4G Payment Methods





















MC7812ABD2TR4G Shipping Methods













If you have any question about MC7812ABD2TR4G, please do not hesitate to contact us!

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