



MCP1826T-5002E/ET Information



For Reference Only

Part Number MCP1826T-5002E/ET

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 5V 1A 5DDPAK

Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA

For the pricing/inventory/lead time, please contact

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



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MCP1826T-5002E/ET Specifications

Manufacturer Part Number MCP1826T-5002E/ET Manufacturer Microchip Technology Category Integrated Circuits (ICs) PACKAGE TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 0.4V @ 1A Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 220µA PSRR 60dB (100Hz) Control Features Over Temperature, Short Circuit, Under Voltage Lockout (UVLO) Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package 5-DDPAK	-		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 0.4V @ 1A Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 220μA PSRR 60dB (100Hz) Control Features Enable, Power Good Protection Features Over Temperature, Short Circuit, Under Voltage Lockout (UVLO) Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package 5-DDPAK	Manufacturer Part Number	MCP1826T-5002E/ET	
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Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 0.4V @ 1A Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 220µA PSRR 60dB (100Hz) Control Features Dver Temperature, Short Circuit, Under Voltage Lockout (UVLO) Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package 5-DDPAK		PMIC - Voltage Regulators - Linear	
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Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 60dB (100Hz) Control Features Enable, Power Good Protection Features Over Temperature, Short Circuit, Under Voltage Lockout (UVLO) Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package 5-DDPAK	Voltage - Output (Max)	-	
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Current - Supply (Max)220μAPSRR60dB (100Hz)Control FeaturesEnable, Power GoodProtection FeaturesOver Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device Package5-DDPAK	Current - Output	1A	
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Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package 5-DDPAK	Control Features	Enable, Power Good	
Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package 5-DDPAK	Protection Features	Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)	
Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package 5-DDPAK	Operating Temperature	-40°C ~ 125°C	
Supplier Device Package 5-DDPAK	Mounting Type	Surface Mount	
	Package / Case	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	
Report errors?	Supplier Device Package	5-DDPAK	
			Report errors?

MCP1826T-5002E/ET 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.

MCP1826T-5002E/ET Payment Methods



















MCP1826T-5002E/ET Shipping Methods













If you have any question about MCP1826T-5002E/ET, please do not hesitate to contact us!

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