

MCP1826ST-5002E/EB

MCP1826ST-5002E/EB Information



For Reference Only

Part Number MCP1826ST-5002E/EB
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

DescriptionIC REG LINEAR 5V 1A 3DDPAK**Package**TO-263-4, D2Pak (3 Leads + Tab), TO-263AA

For the pricing/inventory/lead time, please contact

us

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



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MCP1826ST-5002E/EB Specifications

Manufacturer Part Number MCP1826ST-5002E/EB Manufacturer Microchip Technology Category Integrated Circuits (ICs) PACKAGE TO-263-4, D2Pak (3 Leads + Tab), TO-263AA 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-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package 3-DDPAK	•		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-263-4, D2Pak (3 Leads + Tab), TO-263AA 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 - Protection Features Over Temperature, Short Circuit, Under Voltage Lockout (UVLO) Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package 3-DDPAK	Manufacturer Part Number	MCP1826ST-5002E/EB	
PMIC - Voltage Regulators - LinearPackageTO-263-4, D2Pak (3 Leads + Tab), TO-263AASeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.4V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)220μAPSRR60dB (100Hz)Control Features-Protection FeaturesOver Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-4, D2Pak (3 Leads + Tab), TO-263AASupplier Device Package3-DDPAK	Manufacturer	Microchip Technology	
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Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.4V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)220μAPSRR60dB (100Hz)Control Features-Protection FeaturesOver Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-4, D2Pak (3 Leads + Tab), TO-263AASupplier Device Package3-DDPAK		PMIC - Voltage Regulators - Linear	
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Number of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.4V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)220μAPSRR60dB (100Hz)Control Features-Protection FeaturesOver Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-4, D2Pak (3 Leads + Tab), TO-263AASupplier Device Package3-DDPAK	Output Configuration	Positive	
Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) Voltage Dropout (Max) - Voltage Dropout (Max) 1A Current - Output 1A Current - Quiescent (Iq) Current - Supply (Max) PSRR 60dB (100Hz) Control Features Protection Features Over Temperature, Short Circuit, Under Voltage Lockout (UVLO) Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package 3-DDPAK	Output Type	Fixed	
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Voltage Dropout (Max) Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 60dB (100Hz) Control Features Protection Features Over Temperature, Short Circuit, Under Voltage Lockout (UVLO) Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package 3-DDPAK	Voltage - Output (Min/Fixed)	5V	
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Control Features Protection Features Over Temperature, Short Circuit, Under Voltage Lockout (UVLO) Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package 3-DDPAK	Current - Supply (Max)	220μΑ	
Protection Features Over Temperature, Short Circuit, Under Voltage Lockout (UVLO) Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package 3-DDPAK	PSRR	60dB (100Hz)	
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package 3-DDPAK	Control Features	-	
Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package 3-DDPAK	Protection Features	Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)	
Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package 3-DDPAK	Operating Temperature	-40°C ~ 125°C	
Supplier Device Package 3-DDPAK	Mounting Type	Surface Mount	
	Package / Case	TO-263-4, D2Pak (3 Leads + Tab), TO-263AA	
Report errors?	Supplier Device Package	3-DDPAK	
			Report errors?

MCP1826ST-5002E/EB 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.

MCP1826ST-5002E/EB Payment Methods





















MCP1826ST-5002E/EB Shipping Methods













If you have any question about MCP1826ST-5002E/EB, please do not hesitate to contact us!

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