

MCP1827ST-1202E/EB

MCP1827ST-1202E/EB Information



For Reference Only

Part Number MCP1827ST-1202E/EB
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear IC REG LINEAR 1.2V 1.5A 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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Certified Quality

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Description









MCP1827ST-1202E/EB Specifications

Manufacturer Part Number MCP1827ST-1202E/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) 1.2V Voltage - Output (Max) - Voltage Dropout (Max) 0.6V @ 1.5A Current - Output 1.5A 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	•		
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Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) - Voltage Dropout (Max) 0.6V @ 1.5A Current - Output 1.5A 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		PMIC - Voltage Regulators - Linear	
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage Dropout (Max)0.6V @ 1.5ACurrent - Output1.5ACurrent - 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	Package	TO-263-4, D2Pak (3 Leads + Tab), TO-263AA	
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Number of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage Dropout (Max)0.6V @ 1.5ACurrent - Output1.5ACurrent - 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) 1.2V Voltage - Output (Max) Voltage Dropout (Max) - Voltage Dropout (Max) 0.6V @ 1.5A Current - Output 1.5A 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	
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) 0.6V @ 1.5A Current - Output 1.5A 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	Number of Regulators	1	
Voltage - Output (Max) Voltage Dropout (Max) 0.6V @ 1.5A Current - Output 1.5A 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	Voltage - Input (Max)	6V	
Voltage Dropout (Max) Current - Output 1.5A 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)	1.2V	
Current - Output 1.5A 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 (Max)	-	
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 Dropout (Max)	0.6V @ 1.5A	
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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) -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?

MCP1827ST-1202E/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.

MCP1827ST-1202E/EB Payment Methods



















MCP1827ST-1202E/EB Shipping Methods













If you have any question about MCP1827ST-1202E/EB, please do not hesitate to contact us!

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