

# MCP1755T-3302E/DC

## MCP1755T-3302E/DC Information

Heisener.com	 MCP1755T-3302E/DC Microchip Technology Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear IC REG LIN 3.3V 300MA SOT223-5 SOT-223-6 For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



# MCP1755T-3302E/DC Specifications

Manufacturer Part Number MCP1755T-3302E/DC   Manufacturer Microchip Technology   Category Integrated Circuits (ICs)   Package SOT-223-6   Series -   Output Configuration Positive   Output Type Fixed   Number of Regulators 1   Voltage - Input (Max) 16V   Voltage - Output (Min/Fixed) 3.3V   Voltage - Output (Max) -   Voltage - Output (Max) 0.5V @ 300mA   Current - Output 300mA   Current - Quiescent (Iq) -   PSRR 80dB (1kHz)   Control Features Inable, Power Good   Protection Features Over Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)   Operating Temperature 40°C ~ 125°C   Mounting Type Surface Mount   Package / Case SOT-223-6				
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackageSOT-223-6Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)16VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)100μA ~ 400μAPSRR80dB (IkHz)Control FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature44°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-223-6Supplier Device PackageSOT-223-5	Manufacturer Part Number	MCP1755T-3302E/DC		
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Voltage - Output (Max)-Voltage Dropout (Max)0.5V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)100μA ~ 400μAPSRR80dB (1kHz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-223-6Supplier Device PackageSOT-223-5	Voltage - Input (Max)	16V		
Voltage Dropout (Max)0.5V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)100µA ~ 400µAPSRR80dB (1kHz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-223-6Supplier Device PackageSOT-223-5	Voltage - Output (Min/Fixed)	3.3V		
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Current - Quiescent (Iq)-Current - Supply (Max)100μA ~ 400μAPSRR80dB (1kHz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-223-6Supplier Device PackageSOT-223-5	Voltage Dropout (Max)	0.5V @ 300mA		
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PSRR80dB (1kHz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-223-6Supplier Device PackageSOT-223-5	Current - Quiescent (Iq)	-		
Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-223-6Supplier Device PackageSOT-223-5	Current - Supply (Max)	$100\mu A \sim 400\mu A$		
Protection FeaturesOver Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-223-6Supplier Device PackageSOT-223-5	PSRR	80dB (1kHz)		
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-223-6Supplier Device PackageSOT-223-5	Control Features	Enable, Power Good		
Mounting TypeSurface MountPackage / CaseSOT-223-6Supplier Device PackageSOT-223-5	Protection Features	Over Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)		
Package / CaseSOT-223-6Supplier Device PackageSOT-223-5	Operating Temperature	$-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$		
Supplier Device Package SOT-223-5	Mounting Type	Surface Mount		
	Package / Case	SOT-223-6		
Papert arror	Supplier Device Package	SOT-223-5		
Reporterior		Report errors?		

### MCP1755T-3302E/DC 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.

### MCP1755T-3302E/DC Payment Methods



If you have any question about MCP1755T-3302E/DC, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com