

# TC1265-3.0VOATR

#### **TC1265-3.0VOATR Information**

www.meisener.com	 TC1265-3.0VOATR Microchip Technology Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear IC REG LINEAR 3V 800MA 8SOIC 8-SOIC (0.154", 3.90mm Width) 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.



### **TC1265-3.0VOATR Specifications**

Manufacturer Microchip Technology   Manufacturer Microchip Technology   Category Integrated Circuits (ICs)   PMIC - Voltage Regulators - Linear 8-SOIC (0.154", 3.90mm Width)   Package s-SOIC (0.154", 3.90mm Width)   Series -   Output Configuration Positive   Dutput Type Fixed   Number of Regulators 1   Voltage - Input (Max) 6V   Voltage - Output (Min/Fixed) 3V   Voltage - Output (Max) -   Voltage Dropout (Max) 1.4V @ 800mA   Current - Output 800mA   Current - Quiescent (Iq) -   Current - Quiescent (Iq) -   Current - Supply (Max) 130µA   PSRR 64dB (1kHz)   Control Features Over Current, Over Temperature   Operating Temperature -   Operating Temperature -   Operating Temperature -   Package / Case Surface Mount		
CategoryIntegrated Circuits (ICs)PackagePMIC - Voltage Regulators - LinearPackage8-SOIC (0.154", 3.90mm Width)Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage - Output (Max).Voltage Dropout (Max)1.4V @ 800mACurrent - Output800mACurrent - Quiescent (Iq)-Current - Supply (Max)130µAPSRR64dB (1kHz)Control FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	TC1265-3.0VOATR
PMIC - Voltage Regulators - LinearPackage8-SOIC (0.154", 3.90mm Width)Series-Output ConfigurationPositiveDutput ConfigurationFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)1.4V @ 800mACurrent - Output800mACurrent - Output130µACurrent - Supply (Max)130µAPSRR64dB (1kHz)Control FeaturesOver Current, Over TemperatureProtection FeaturesOver Current, Over TemperatureOperating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Manufacturer	Microchip Technology
Package8-SOIC (0.154", 3.90mm Width)Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)1.4V @ 800mACurrent - Output800mACurrent - Output (Max)-Current - Quiescent (Iq)-Current - Supply (Max)130µAPSRR64dB (1kHz)Control FeaturesOver Current, Over TemperatureProtection FeaturesOver Current, Over TemperatureOperating TemperatureSufface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)
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Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage - Output (Max)1.4V @ 800mACurrent - Output800mACurrent - Output3UCurrent - Quiescent (Iq)-Current - Supply (Max)130µAPSRR64dB (1kHz)Control FeaturesFoableOperating TemperatureOver Current, Over TemperatureOperating TemperatureSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Package	8-SOIC (0.154", 3.90mm Width)
Output TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage Dropout (Max)1.4V @ 800mACurrent - Output800mACurrent - Quiescent (Iq)-Current - Supply (Max)130µAPSRR64dB (1kHz)Control FeaturesOver Current, Over TemperatureOperating Temperature-Operating TemperatureSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Series	-
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Voltage - Input (Max) 6V   Voltage - Output (Min/Fixed) 3V   Voltage - Output (Max) -   Voltage Dropout (Max) 1.4V @ 800mA   Current - Output 800mA   Current - Quiescent (Iq) -   Current - Supply (Max) 130μA   PSRR 64dB (1kHz)   Control Features Over Current, Over Temperature   Operating Temperature -40°C ~ 125°C   Mounting Type Surface Mount   Package / Case 8-SOIC (0.154", 3.90mm Width)	Output Type	Fixed
Voltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage Dropout (Max)1.4V @ 800mACurrent - Output800mACurrent - Quiescent (Iq)-Current - Supply (Max)130µAPSRR64dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)1.4V @ 800mACurrent - Output800mACurrent - Quiescent (Iq)-Current - Supply (Max)130μAPSRR64dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Voltage - Input (Max)	6V
Voltage Dropout (Max)1.4V @ 800mACurrent - Output800mACurrent - Quiescent (Iq)-Current - Supply (Max)130μAPSRR64dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Voltage - Output (Min/Fixed)	3V
Current - Output800mACurrent - Quiescent (Iq)-Current - Supply (Max)130µAPSRR64dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)130μAPSRR64dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Voltage Dropout (Max)	1.4V @ 800mA
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PSRR64dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Current - Quiescent (Iq)	-
Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Current - Supply (Max)	130µА
Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	PSRR	64dB (1kHz)
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Control Features	Enable
Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Protection Features	Over Current, Over Temperature
Package / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 8-SOIC	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	8-SOIC
		Report errors?

#### **TC1265-3.0VOATR 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 EUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### TC1265-3.0VOATR Payment Methods





If you have any question about TC1265-3.0VOATR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com