



MIC5365-2.8YD5-TR Information



For Reference Only

Part Number MIC5365-2.8YD5-TR
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LIN 2.8V 150MA TSOT23-5

Package SOT-23-5 Thin, TSOT-23-5

For the pricing/inventory/lead time, please contact

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.









MIC5365-2.8YD5-TR Specifications

Manufacturer Part Number MIC5365-2.8YD5-TR Manufacturer Microchip Technology Category Integrated Circuits (ICs) PACKAGE SOT-23-5 Thin, TSOT-23-5 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.31V @ 150mA Current - Output 150mA Current - Supply (Max) 39μA PSRR 80dB ~ 65dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Sunnlier Device Package TSOT-23-5	*	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package SOT-23-5 Thin, TSOT-23-5 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5 V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.31V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 39µA PSRR 80dB ~ 65dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5	Manufacturer Part Number	MIC5365-2.8YD5-TR
PMIC - Voltage Regulators - Linear Package SOT-23-5 Thin, TSOT-23-5 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.31V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 39μA PSRR 80dB ~ 65dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5	Manufacturer	Microchip Technology
Package SOT-23-5 Thin, TSOT-23-5 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.31V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 39μA PSRR 80dB ~ 65dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.31V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 39μA PSRR 80dB ~ 65dB (1kHz ~ 10kHz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.31V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)39µAPSRR80dB ~ 65dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5	Package	SOT-23-5 Thin, TSOT-23-5
Output TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.31V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)39μAPSRR80dB ~ 65dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5	Series	-
Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.31V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)39μAPSRR80dB ~ 65dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 80dB ~ 65dB (1kHz ~ 10kHz) Control Features Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 5.5V 5.5V 5.5V 5.5V 5.5V 5.5V 5.5V 5.6V 6.6V 6.6V	Output Type	Fixed
Voltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.31V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)39μAPSRR80dB ~ 65dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5	Number of Regulators	1
Voltage - Output (Max) - Voltage Dropout (Max)	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 80dB ~ 65dB (1kHz ~ 10kHz) Control Features Protection Features Over Current, Over Temperature Operating Temperature Operating Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5	Voltage - Output (Min/Fixed)	2.8V
Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 80dB ~ 65dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) PSRR 80dB ~ 65dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5	Voltage Dropout (Max)	0.31V @ 150mA
Current - Supply (Max) PSRR 80dB ~ 65dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5	Current - Output	150mA
PSRR 80dB ~ 65dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5	Current - Quiescent (Iq)	-
Control Features Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5	Current - Supply (Max)	39μΑ
Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5	PSRR	80dB ~ 65dB (1kHz ~ 10kHz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5	Control Features	Enable
Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5	Protection Features	Over Current, Over Temperature
Package / Case SOT-23-5 Thin, TSOT-23-5	Operating Temperature	-40°C ~ 125°C
	Mounting Type	Surface Mount
Supplier Device Package TSOT-23-5	Package / Case	SOT-23-5 Thin, TSOT-23-5
Supplied Bevice Fueldage	Supplier Device Package	TSOT-23-5
Report errors?		Report errors?

MIC5365-2.8YD5-TR 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.

MIC5365-2.8YD5-TR Payment Methods

































If you have any question about MIC5365-2.8YD5-TR, please do not hesitate to contact us!

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