

MIC5321-SMYMT-TR

MIC5321-SMYMT-TR Information



For Reference Only

Part Number MIC5321-SMYMT-TR
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear IC REG LINEAR 2.8V/3.3V 6TMLF 6-UFDFN Exposed Pad, 6-TMLF?

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

Package









MIC5321-SMYMT-TR Specifications

| Manufacturer Part Number MiC5321-SMYMT-TR Manufacturer Microchip Technology Category Integrated Circuits (ICs) Package 6-UFDFN Exposed Pad, 6-TMLF? Series - Output Configuration Positive Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.8V, 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.1V @ 150mA, 0.1V @ 150mA Current - Output 150mA, 150mA Current - Quiescent (Iq) - Current - Supply (Max) 190µA PSRR 75dB ~ 45dB (1kHz ~ 20kHz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package 6-TMLF? (1.6x1.6) | • | |
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| Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 6-UFDFN Exposed Pad, 6-TMLF? Series - Output Configuration Positive Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.8V, 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.1V @ 150mA, 0.1V @ 150mA Current - Output 150mA, 150mA Current - Quiescent (Iq) - Current - Supply (Max) 190µA PSRR 75dB ~ 45dB (1kHz ~ 20kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package 6-TMLF? (1.6x1.6) | Manufacturer Part Number | MIC5321-SMYMT-TR |
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| Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.8V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.1V @ 150mA, 0.1V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)190μAPSRR75dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad, 6-TMLF?Supplier Device Package6-TMLF? (1.6x1.6) | | PMIC - Voltage Regulators - Linear |
| Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.8V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.1V @ 150mA, 0.1V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)190μAPSRR75dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad, 6-TMLF?Supplier Device Package6-TMLF? (1.6x1.6) | Package | 6-UFDFN Exposed Pad, 6-TMLF? |
| Output TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.8V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.1V @ 150mA, 0.1V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)190μAPSRR75dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad, 6-TMLF?Supplier Device Package6-TMLF? (1.6x1.6) | Series | - |
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| Voltage - Output (Min/Fixed)2.8V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.1V @ 150mA, 0.1V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)190μAPSRR75dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad, 6-TMLF?Supplier Device Package6-TMLF? (1.6x1.6) | Number of Regulators | 2 |
| Voltage - Output (Max) Voltage Dropout (Max) 0.1V @ 150mA, 0.1V @ 150mA Current - Output 150mA, 150mA Current - Quiescent (Iq) - Current - Supply (Max) 190μA PSRR 75dB ~ 45dB (1kHz ~ 20kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package | Voltage - Input (Max) | 5.5V |
| Voltage Dropout (Max) Current - Output 150mA, 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB ~ 45dB (1kHz ~ 20kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package | Voltage - Output (Min/Fixed) | 2.8V, 3.3V |
| Current - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)190μAPSRR75dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad, 6-TMLF?Supplier Device Package6-TMLF? (1.6x1.6) | Voltage - Output (Max) | - |
| Current - Quiescent (Iq) Current - Supply (Max) PSRR 75dB ~ 45dB (1kHz ~ 20kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package | Voltage Dropout (Max) | 0.1V @ 150mA, 0.1V @ 150mA |
| Current - Supply (Max)190μAPSRR75dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad, 6-TMLF?Supplier Device Package6-TMLF? (1.6x1.6) | Current - Output | 150mA, 150mA |
| PSRR 75dB ~ 45dB (1kHz ~ 20kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package 6-TMLF? (1.6x1.6) | Current - Quiescent (Iq) | - |
| Control Features Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package 6-TMLF? (1.6x1.6) | Current - Supply (Max) | 190μΑ |
| Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package 6-TMLF? (1.6x1.6) | PSRR | 75dB ~ 45dB (1kHz ~ 20kHz) |
| Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package 6-TMLF? (1.6x1.6) | Control Features | Enable |
| Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package 6-TMLF? (1.6x1.6) | Protection Features | Over Current, Over Temperature |
| Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package 6-TMLF? (1.6x1.6) | Operating Temperature | -40°C ~ 125°C |
| Supplier Device Package 6-TMLF? (1.6x1.6) | Mounting Type | Surface Mount |
| | Package / Case | 6-UFDFN Exposed Pad, 6-TMLF? |
| Report errors? | Supplier Device Package | 6-TMLF? (1.6x1.6) |
| | | Report errors? |

MIC5321-SMYMT-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.

MIC5321-SMYMT-TR Payment Methods



















MIC5321-SMYMT-TR Shipping Methods













If you have any question about MIC5321-SMYMT-TR, please do not hesitate to contact us!

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