



#### MIC5317-3.3YM5-T5 Information



For Reference Only

Part Number MIC5317-3.3YM5-T5
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 3.3V 150MA SOT23-5

Package SC-74A, SOT-753

For the pricing/inventory/lead time, please contact

us

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# MIC5317-3.3YM5-T5 Specifications

Manufacturer Part Number         MiC5317-3.3YM5-T5           Manufacturer         Microchip Technology           Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         SC-74A, SOT-753           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         6V           Voltage - Output (Min/Fixed)         3.3V           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	•	
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         SC-74A, SOT-753           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         6V           Voltage - Output (Min/Fixed)         3.3V           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	Manufacturer Part Number	MIC5317-3.3YM5-T5
Package SC-74A, SOT-753 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.31V @ 150mA Current - Output Udin Supply (Max) 39µA PSRR 80dB ~ 65dB (1kHz ~ 10kHz) Control Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount	Manufacturer	Microchip Technology
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Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3VVoltage - 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 Mount		PMIC - Voltage Regulators - Linear
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Output TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3VVoltage - 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 Mount	Series	-
Number of Regulators  Voltage - Input (Max)  Voltage - Output (Min/Fixed)  3.3V  Voltage - Output (Max)  Voltage Dropout (Max)  -  Voltage Dropout (Max)  Current - Output  150mA  Current - Quiescent (Iq)  -  Current - Supply (Max)  PSRR  80dB ~ 65dB (1kHz ~ 10kHz)  Control Features  Protection Features  Operating Temperature  Operating Temperature  Aunce Mounting Type  1  6V  0  0  0  0  0  0  0  0  0  0  0  0  0	Output Configuration	Positive
Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3VVoltage - 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 Mount	Output Type	Fixed
Voltage - Output (Min/Fixed)3.3VVoltage - 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 Mount	Number of Regulators	1
Voltage - 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 Mount	Voltage - Input (Max)	6V
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 Mount	Voltage - Output (Min/Fixed)	3.3V
Current - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)39μAPSRR80dB ~ 65dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Voltage - Output (Max)	-
$\begin{array}{lll} & \text{Current - Quiescent (Iq)} & \text{-} \\ & \text{Current - Supply (Max)} & 39 \mu A \\ & \text{PSRR} & 80 \text{dB} \sim 65 \text{dB (1kHz} \sim 10 \text{kHz)} \\ & \text{Control Features} & \text{Enable} \\ & \text{Protection Features} & \text{Over Current, Over Temperature} \\ & \text{Operating Temperature} & -40^{\circ}\text{C} \sim 125^{\circ}\text{C} \\ & \text{Mounting Type} & \text{Surface Mount} \\ \end{array}$	Voltage Dropout (Max)	0.31V @ 150mA
Current - Supply (Max)39μAPSRR80dB ~ 65dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	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	Current - Quiescent (Iq)	-
Control Features Enable  Over Current, Over Temperature  Operating Temperature  -40°C ~ 125°C  Mounting Type Surface Mount	Current - Supply (Max)	39μΑ
Protection Features Over Current, Over Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount	PSRR	80dB ~ 65dB (1kHz ~ 10kHz)
Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount	Control Features	Enable
Mounting Type Surface Mount	Protection Features	Over Current, Over Temperature
	Operating Temperature	-40°C ~ 125°C
	Mounting Type	Surface Mount
Package / Case SC-74A, SOT-753	Package / Case	SC-74A, SOT-753
Supplier Device Package SOT-23-5	Supplier Device Package	SOT-23-5
Report errors?		Report errors?

#### MIC5317-3.3YM5-T5 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.

### MIC5317-3.3YM5-T5 Payment Methods



















## MIC5317-3.3YM5-T5 Shipping Methods













If you have any question about MIC5317-3.3YM5-T5, please do not hesitate to contact us!

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