

# MIC5320-PPYMT-TR

#### **MIC5320-PPYMT-TR Information**



For Reference Only

Part Number MIC5320-PPYMT-TR
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 3V/3V 6TMLF **Package** 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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# **MIC5320-PPYMT-TR Specifications**

Manufacturer         Microchip Technology           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)         3V, 3V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.1V @ 150mA, 0.1V @ 150mA           Current - Output         150mA, 150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         120μA ~ 190μA           PSRR         65dB ~ 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?		
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)         3V, 3V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.1V @ 150mA, 0.1V @ 150mA           Current - Output         150mA, 150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         120μA ~ 190μA           PSRR         65dB ~ 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	MIC5320-PPYMT-TR
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)         3V, 3V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.1V @ 150mA, 0.1V @ 150mA           Current - Output         150mA, 150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         120μA ~ 190μA           PSRR         65dB ~ 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	Microchip Technology
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)         3V, 3V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.1V @ 150mA, 0.1V @ 150mA           Current - Output         150mA, 150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         120μA ~ 190μA           PSRR         65dB ~ 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)	Category	Integrated Circuits (ICs)
Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         2           Voltage - Input (Max)         5.5V           Voltage - Output (Min/Fixed)         3V, 3V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.1V @ 150mA, 0.1V @ 150mA           Current - Output         150mA, 150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         120μA ~ 190μA           PSRR         65dB ~ 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)		PMIC - Voltage Regulators - Linear
Output Configuration Output Type Fixed  Number of Regulators 2  Voltage - Input (Max) 5.5V  Voltage - Output (Min/Fixed) 3V, 3V  Voltage - Output (Max) - Voltage Dropout (Max) - Voltage Dropout (Max) - Voltage Dropout (Max)	Package	6-UFDFN Exposed Pad, 6-TMLF?
Output TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3V, 3VVoltage - Output (Max)-Voltage Dropout (Max)0.1V @ 150mA, 0.1V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)120μA ~ 190μAPSRR65dB ~ 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	-
Number of Regulators       2         Voltage - Input (Max)       5.5V         Voltage - Output (Min/Fixed)       3V, 3V         Voltage - Output (Max)       -         Voltage Dropout (Max)       0.1V @ 150mA, 0.1V @ 150mA         Current - Output       150mA, 150mA         Current - Quiescent (Iq)       -         Current - Supply (Max)       120μA ~ 190μA         PSRR       65dB ~ 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)	Output Configuration	Positive
Voltage - Input (Max)       5.5V         Voltage - Output (Min/Fixed)       3V, 3V         Voltage - Output (Max)       -         Voltage Dropout (Max)       0.1V @ 150mA, 0.1V @ 150mA         Current - Output       150mA, 150mA         Current - Quiescent (Iq)       -         Current - Supply (Max)       120μA ~ 190μA         PSRR       65dB ~ 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)	Output Type	Fixed
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  - Voltage Dropout (Max)  0.1V @ 150mA, 0.1V @ 150mA  Current - Output  150mA, 150mA  - Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  65dB ~ 45dB (1kHz ~ 20kHz)  Control Features  Protection Features  Operating Temperature  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  6-UFDFN Exposed Pad, 6-TMLF?  Supplier Device Package	Number of Regulators	2
Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  150mA, 150mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  65dB ~ 45dB (1kHz ~ 20kHz)  Control Features  Protection Features  Operating Temperature  Operating Type  Surface Mount  Package / Case  Supplier Device Package  - 0.1V @ 150mA, 0.1V @ 150mA  120μA ~ 190μA  - 120μA ~ 190μA  Power Current, Over Temperature  - 40°C ~ 125°C  Surface Mount  6-UFDFN Exposed Pad, 6-TMLF?  6-TMLF? (1.6x1.6)	Voltage - Input (Max)	5.5V
Voltage Dropout (Max)  O.1V @ 150mA, 0.1V @ 150mA  Current - Output  150mA, 150mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  65dB ~ 45dB (1kHz ~ 20kHz)  Control Features  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)	Voltage - Output (Min/Fixed)	3V, 3V
Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  65dB ~ 45dB (1kHz ~ 20kHz)  Control Features  Protection Features  Operating Temperature  Operating Type  Mounting Type  Surface Mount  Package / Case  6-TMLF? (1.6x1.6)	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max) $120\mu A \sim 190\mu A$ PSRR $65dB \sim 45dB (1kHz \sim 20kHz)$ Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface MountPackage / Case $6$ -UFDFN Exposed Pad, $6$ -TMLF?Supplier Device Package $6$ -TMLF? (1.6x1.6)	Voltage Dropout (Max)	0.1V @ 150mA, 0.1V @ 150mA
Current - Supply (Max) $120\mu A \sim 190\mu A$ $PSRR$ $65dB \sim 45dB (1kHz \sim 20kHz)$ $Enable$ $Protection Features$ $Over Current, Over Temperature$ $-40^{\circ}C \sim 125^{\circ}C$ $Mounting Type$ $Surface Mount$ $Package / Case$ $6-UFDFN Exposed Pad, 6-TMLF?$ $Supplier Device Package$ $6-TMLF? (1.6x1.6)$	Current - Output	150mA, 150mA
PSRR  65dB ~ 45dB (1kHz ~ 20kHz)  Control Features  Enable  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 - 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)	$120\mu A \sim 190\mu A$
Protection Features 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)	PSRR	65dB ~ 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

#### **MIC5320-PPYMT-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.

## **MIC5320-PPYMT-TR Payment Methods**





















### MIC5320-PPYMT-TR Shipping Methods













If you have any question about MIC5320-PPYMT-TR, please do not hesitate to contact us!

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