

## MIC5264-JGYML-TR

### MIC5264-JGYML-TR Information



For Reference Only

Part Number MIC5264-JGYML-TR
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 1.8V/2.5V 10MLF

Package 10-VFDFN Exposed Pad, 10-MLF?

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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## **MIC5264-JGYML-TR Specifications**

Manufacturer Part Number       MIC5264-JGYML-TR         Manufacturer       Microchip Technology         Category       Integrated Circuits (ICs)         PMIC - Voltage Regulators - Linear         Package       10-VFDFN Exposed Pad, 10-MLF?         Series       -         Output Configuration       Positive         Output Type       Fixed         Number of Regulators       2         Voltage - Input (Max)       5.5V         Voltage - Output (Min/Fixed)       1.8V, 2.5V         Voltage - Output (Max)       -         Voltage Dropout (Max)       0.5V @ 150mA, 0.5V @ 150mA         Current - Output       150mA, 150mA         Current - Quiescent (Iq)       -         Current - Supply (Max)       2μA ~ 150μA         PSRR       64dB ~ 62dB (1kHz ~ 100Hz)         Control Features       Enable         Protection Features       Over Temperature, Under Voltage Lockout (UVLO)         Operating Temperature       -40°C ~ 125°C         Mounting Type       Surface Mount		
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         10-VFDFN Exposed Pad, 10-MLF?           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         2           Voltage - Input (Max)         5.5V           Voltage - Output (Min/Fixed)         1.8V, 2.5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.5V @ 150mA, 0.5V @ 150mA           Current - Output         150mA, 150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         2μA ~ 150μA           PSRR         64dB ~ 62dB (1kHz ~ 100Hz)           Control Features         Enable           Protection Features         Over Temperature, Under Voltage Lockout (UVLO)           Operating Temperature         -40°C ~ 125°C	Manufacturer Part Number	MIC5264-JGYML-TR
PMIC - Voltage Regulators - Linear           Package         10-VFDFN Exposed Pad, 10-MLF?           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         2           Voltage - Input (Max)         5.5V           Voltage - Output (Min/Fixed)         1.8V, 2.5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.5V @ 150mA, 0.5V @ 150mA           Current - Output         150mA, 150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         2μA ~ 150μA           PSRR         64dB ~ 62dB (1kHz ~ 100Hz)           Control Features         Enable           Protection Features         Over Temperature, Under Voltage Lockout (UVLO)           Operating Temperature         -40°C ~ 125°C	Manufacturer	Microchip Technology
Package10-VFDFN Exposed Pad, 10-MLF?Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8V, 2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 150mA, 0.5V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)2μA ~ 150μAPSRR64dB ~ 62dB (1kHz ~ 100Hz)Control FeaturesEnableProtection FeaturesOver Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.8V, 2.5V Voltage - Output (Min/Fixed) - Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 150mA, 0.5V @ 150mA   Current - Output 150mA, 150mA   Current - Quiescent (Iq) - Current - Supply (Max) 2 $\mu$ A ~ 150 $\mu$ A   PSRR 64dB ~ 62dB (1kHz ~ 100Hz)   Control Features Enable   Protection Features Over Temperature, Under Voltage Lockout (UVLO)   Operating Temperature -40°C ~ 125°C		PMIC - Voltage Regulators - Linear
Output Configuration Positive Output Type Fixed  Number of Regulators 2  Voltage - Input (Max) 5.5V  Voltage - Output (Min/Fixed) 1.8V, 2.5V  Voltage - Output (Max) -  Voltage - Output (Max) -  Voltage Dropout (Max) 0.5V @ 150mA, 0.5V @ 150mA  Current - Output 150mA, 150mA  Current - Quiescent (Iq) -  Current - Supply (Max) 2 $\mu$ A ~ 150 $\mu$ A  PSRR 64dB ~ 62dB (1kHz ~ 100Hz)  Control Features Enable  Protection Features Over Temperature, Under Voltage Lockout (UVLO)  Operating Temperature -40°C ~ 125°C	Package	10-VFDFN Exposed Pad, 10-MLF?
Output Type Fixed Sumber of Regulators 2 2 Voltage - Input (Max) 5.5V 5.5V 5.5V 5.5V 5.5V 5.5V 5.5V 5.5	Series	-
Number of Regulators 2  Voltage - Input (Max) 5.5V  Voltage - Output (Min/Fixed) 1.8V, 2.5V  Voltage - Output (Max) -  Voltage Dropout (Max) 0.5V @ 150mA, 0.5V @ 150mA  Current - Output 150mA, 150mA  Current - Quiescent (Iq) -  Current - Supply (Max) 2 $\mu$ A ~ 150 $\mu$ A  PSRR 64dB ~ 62dB (1kHz ~ 100Hz)  Control Features Enable  Protection Features Over Temperature, Under Voltage Lockout (UVLO)  Operating Temperature -40°C ~ 125°C	Output Configuration	Positive
Voltage - Input (Max) 5.5V   Voltage - Output (Min/Fixed) 1.8V, 2.5V   Voltage - Output (Max) -   Voltage Dropout (Max) 0.5V @ 150mA, 0.5V @ 150mA   Current - Output 150mA, 150mA   Current - Quiescent (Iq) -   Current - Supply (Max) 2 $\mu$ A ~ 150 $\mu$ A   PSRR 64dB ~ 62dB (1kHz ~ 100Hz)   Control Features Enable   Protection Features Over Temperature, Under Voltage Lockout (UVLO)   Operating Temperature -40°C ~ 125°C	Output Type	Fixed
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  150mA, 150mA  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  64dB $\sim$ 62dB (1kHz $\sim$ 100Hz)  Control Features  Protection Features  Over Temperature, Under Voltage Lockout (UVLO)  Operating Temperature	Number of Regulators	2
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) $0.5V @ 150mA, 0.5V @ 150mA$ Current - Output $150mA, 150mA$ Current - Quiescent (Iq) - Current - Supply (Max) $2\mu A \sim 150\mu A$ PSRR $64dB \sim 62dB (1kHz \sim 100Hz)$ Control Features Enable Protection Features Over Temperature, Under Voltage Lockout (UVLO) Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Voltage - Output (Min/Fixed)	1.8V, 2.5V
Current - Output 150mA, 150mA    Current - Quiescent (Iq) -    Current - Supply (Max) $2\mu A \sim 150\mu A$ PSRR $64dB \sim 62dB (1kHz \sim 100Hz)$ Control Features Enable    Protection Features Over Temperature, Under Voltage Lockout (UVLO)    Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Voltage - Output (Max)	-
Current - Quiescent (Iq) - $ 2\mu A \sim 150\mu A $ Current - Supply (Max) $ 2\mu A \sim 150\mu A $ PSRR $ 64dB \sim 62dB (1kHz \sim 100Hz) $ Control Features $ Enable $ Protection Features $ Over Temperature, Under Voltage Lockout (UVLO) $ Operating Temperature $ -40^{\circ}C \sim 125^{\circ}C $	Voltage Dropout (Max)	0.5V @ 150mA, 0.5V @ 150mA
Current - Supply (Max) $2\mu A \sim 150\mu A$ $PSRR \qquad \qquad 64dB \sim 62dB \ (1kHz \sim 100Hz)$ $Control \ Features \qquad \qquad Enable$ $Protection \ Features \qquad \qquad Over \ Temperature, \ Under \ Voltage \ Lockout \ (UVLO)$ $Operating \ Temperature \qquad \qquad -40^{\circ}C \sim 125^{\circ}C$	Current - Output	150mA, 150mA
PSRR $64dB \sim 62dB (1kHz \sim 100Hz)$ Control Features Enable  Protection Features Over Temperature, Under Voltage Lockout (UVLO)  Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Current - Quiescent (Iq)	-
Control Features  Protection Features  Over Temperature, Under Voltage Lockout (UVLO)  Operating Temperature  -40°C ~ 125°C	Current - Supply (Max)	$2\mu A \sim 150\mu A$
Protection Features Over Temperature, Under Voltage Lockout (UVLO) Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	PSRR	64dB ~ 62dB (1kHz ~ 100Hz)
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Control Features	Enable
	Protection Features	Over Temperature, Under Voltage Lockout (UVLO)
Mounting Type Surface Mount	Operating Temperature	-40°C ~ 125°C
	Mounting Type	Surface Mount
Package / Case 10-VFDFN Exposed Pad, 10-MLF?	Package / Case	10-VFDFN Exposed Pad, 10-MLF?
Supplier Device Package 10-MLF? (3x3)	Supplier Device Package	10-MLF? (3x3)
Report errors		Report errors?

#### MIC5264-JGYML-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.

### MIC5264-JGYML-TR Payment Methods



















### MIC5264-JGYML-TR Shipping Methods













If you have any question about MIC5264-JGYML-TR, please do not hesitate to contact us!

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