

## MIC5335-JGYMT-TR

### **MIC5335-JGYMT-TR Information**



For Reference Only

Part Number MIC5335-JGYMT-TR
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LIN 1.8V/2.5V 6TMLF **Package** 6-UFDFN Exposed Pad, 6-TMLF?

For the pricing/inventory/lead time, please contact

us

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# **MIC5335-JGYMT-TR Specifications**

| Manufacturer Part Number  Manufacturer  Manufacturer  Microchip Technology  Integrated Circuits (ICs)  PMIC - Voltage Regulators - Linear  Package  6-UFDFN Exposed Pad, 6-TMLF?  Series  - Output Configuration  Output Type  Fixed  Number of Regulators  2  Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  - Voltage Output (Max)  - Voltage Dropout (Max)  Current - Output  - 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  Microchip Technology  Integrated Circuits (ICs)  Microchip Technology  Integrated Circuits (ICs)  PMIC - Voltage Regulators - Linear  Aicrochip Textues  0 Versities  Aicrochip Textues  Over Current, Over Temperature  -40°C ~ 125°C  Mounting Type   |                              |                                    |
|---|------------------------------|------------------------------------|
| Category  | Manufacturer Part Number     | MIC5335-JGYMT-TR                   |
| PMIC - Voltage Regulators - Linear  | Manufacturer                 | Microchip Technology               |
| Package6-UFDFN Exposed Pad, 6-TMLF?Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8V, 2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.2V @ 300mA, 0.2V @ 300mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)125μA ~ 220μAPSRR65dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount   | 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 (Max)         -           Voltage Dropout (Max)         0.2V @ 300mA, 0.2V @ 300mA           Current - Output         300mA, 300mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         125μA ~ 220μA           PSRR         65dB ~ 45dB (1kHz ~ 20kHz)           Control Features         Enable           Protection Features         Over Current, Over Temperature           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount   |                              | PMIC - Voltage Regulators - Linear |
| Output Configuration Output Type Fixed  Number of Regulators 2 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output 300mA, 0.2V @ 300mA  Current - Quiescent (Iq) - Current - Supply (Max) PSRR 65dB ~ 45dB (1kHz ~ 20kHz) Control Features Protection Features Operating Temperature  -40°C ~ 125°C Mounting Type Surface Mount   | Package                      | 6-UFDFN Exposed Pad, 6-TMLF?       |
| Output TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed) $1.8V, 2.5V$ Voltage - Output (Max)-Voltage Dropout (Max) $0.2V @ 300mA, 0.2V @ 300mA$ Current - Output $300mA, 300mA$ Current - Quiescent (Iq)-Current - Supply (Max) $125\mu A \sim 220\mu A$ PSRR $65dB \sim 45dB (1kHz \sim 20kHz)$ Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface Mount   | Series                       | -                                  |
| Number of Regulators       2         Voltage - Input (Max)       5.5V         Voltage - Output (Min/Fixed)       1.8V, 2.5V         Voltage - Output (Max)       -         Voltage Dropout (Max)       0.2V @ 300mA, 0.2V @ 300mA         Current - Output       300mA, 300mA         Current - Quiescent (Iq)       -         Current - Supply (Max)       125μA ~ 220μA         PSRR       65dB ~ 45dB (1kHz ~ 20kHz)         Control Features       Enable         Protection Features       Over Current, Over Temperature         Operating Temperature       -40°C ~ 125°C         Mounting Type       Surface Mount  | Output Configuration         | Positive                           |
| Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  300mA, 300mA  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  65dB ~ 45dB (1kHz ~ 20kHz)  Control Features  Protection Features  Operating Temperature  Operating Temperature  Mounting Type  5.5V  5.5V  5.5V  5.5V  5.5V  5.5V  5.5V  5.5V  5.5V  6.8V  6.25V  6.20V  6.200  6.20V  6.200  6.20V  6.200  6.20V  6.200  6.20V  6.200  6.20V  6.200  6.2 | Output Type                  | Fixed                              |
| Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  300mA, 300mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  65dB ~ 45dB (1kHz ~ 20kHz)  Control Features  Protection Features  Operating Temperature  Operating Temperature  Mounting Type  1.8V, 2.5V  1.8V, 2.5V | Number of Regulators         | 2                                  |
| Voltage - Output (Max)  Voltage Dropout (Max)  0.2V @ 300mA, 0.2V @ 300mA  Current - Output  300mA, 300mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  65dB ~ 45dB (1kHz ~ 20kHz)  Control Features  Protection Features  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  | Voltage - Input (Max)        | 5.5V                               |
| Voltage Dropout (Max)0.2V @ 300mA, 0.2V @ 300mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)125μA ~ 220μAPSRR65dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount  | Voltage - Output (Min/Fixed) | 1.8V, 2.5V                         |
| Current - Output $300 \text{mA}, 300 \text{mA}$ Current - Quiescent (Iq) -  Current - Supply (Max) $125 \mu \text{A} \sim 220 \mu \text{A}$ PSRR $65 \text{dB} \sim 45 \text{dB} (1 \text{kHz} \sim 20 \text{kHz})$ Control Features Enable  Protection Features Over Current, Over Temperature  Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount   | Voltage - Output (Max)       | -                                  |
| $\begin{array}{cccc} Current - Quiescent  (Iq) & - \\ Current - Supply  (Max) & 125 \mu A \sim 220 \mu A \\ PSRR & 65 dB \sim 45 dB  (1kHz \sim 20kHz) \\ Control  Features & Enable \\ Protection  Features & Over  Current,  Over  Temperature \\ Operating  Temperature & -40 ^{\circ}C \sim 125 ^{\circ}C \\ Mounting  Type & Surface  Mount \\ \end{array}$  | Voltage Dropout (Max)        | 0.2V @ 300mA, 0.2V @ 300mA         |
| Current - Supply (Max) $125\mu A \sim 220\mu A$ $PSRR \qquad \qquad 65dB \sim 45dB \ (1kHz \sim 20kHz)$ $Control \ Features \qquad \qquad Enable$ $Protection \ Features \qquad \qquad Over \ Current, \ Over \ Temperature$ $Operating \ Temperature \qquad \qquad -40^{\circ}C \sim 125^{\circ}C$ $Mounting \ Type \qquad Surface \ Mount$  | Current - Output             | 300mA, 300mA                       |
| PSRR $65 dB \sim 45 dB (1 kHz \sim 20 kHz)$ Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature $-40 ^{\circ}\text{C} \sim 125 ^{\circ}\text{C}$ Mounting Type Surface Mount   | Current - Quiescent (Iq)     | -                                  |
| Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface Mount  | Current - Supply (Max)       | $125\mu A \sim 220\mu A$           |
| Protection Features Over Current, Over Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount   | PSRR                         | 65dB ~ 45dB (1kHz ~ 20kHz)         |
| 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 6-UFDFN Exposed Pad, 6-TMLF?   | Package / Case               | 6-UFDFN Exposed Pad, 6-TMLF?       |
| Supplier Device Package 6-TMLF? (1.6x1.6)   | Supplier Device Package      | 6-TMLF? (1.6x1.6)                  |
| Report errors   |                              | Report errors?                     |

#### MIC5335-JGYMT-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.

### **MIC5335-JGYMT-TR Payment Methods**



















# MIC5335-JGYMT-TR Shipping Methods













If you have any question about MIC5335-JGYMT-TR, please do not hesitate to contact us!

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