



Image may be representation.
See specifications for product details.



MIC5205-3.0YM5-TR

| | |
|--------------------------|--|
| Manufacturer Part Number | MIC5205-3.0YM5-TR |
| Manufacturer | Microchip Technology |
| Allelco Part Number | 32D-MIC5205-3.0YM5-TR |
| ECAD Model | PCB Symbol, Footprint & 3D Mode |
| Parts Description | IC REG LINEAR 3V 150MA SOT23-5 |
| Package | SC-74A, SOT-753 |
| Data sheet | Cylindrical Battery Holders.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

MIC5205-3.0YM5-TR - Microchip Technology. New Original in Stock. Download Linear Technology MIC5205-3.0YM5-TR datasheet/specifications on AllelcoElec.com. Request a quote for MIC5205-3.0YM5-TR, please send us email: info@allelco.com

Specifications

MIC5205-3.0YM5-TR Tech Specifications
MIC5205-3.0YM5-TR - Microchip Technology technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|------------------------------|--|--------------------------|-----------------|
| Manufacturer | Microchip Technology | Output Type | Fixed |
| Voltage Dropout (Max) | 0.35V @ 150mA | Output Configuration | Positive |
| Voltage - Output (Min/Fixed) | 3V | Operating Temperature | -40°C ~ 125°C |
| Voltage - Output (Max) | - | Number of Regulators | 1 |
| Voltage - Input (Max) | 16V | Mounting Type | Surface Mount |
| Supplier Device Package | SOT-23-5 | Current - Supply (Max) | 2.5 mA |
| Series | - | Current - Quiescent (Iq) | 150 µA |
| Protection Features | Over Current, Over Temperature, Reverse Polarity | Current - Output | 150mA |
| Package / Case | SC-74A, SOT-753 | Control Features | Enable |
| Package | Tape & Reel (TR) | Base Product Number | MIC5205 |
| PSRR | 75dB (100Hz) | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC5205-3.0YM5-TR

| Product Attribute | | | | |
|------------------------------|--|--|--|--|
| Part Number | MIC5205-3.0YM5-TR | MIC5205-3.0BM5 | MIC5205-2.9BM5 | MIC5205-2.8YM5-TR |
| Manufacturer | Microchip Technology | Micrel Inc. | Micrel Inc. | Microchip Technology |
| Voltage - Output (Max) | - | - | - | - |
| Operating Temperature | -40°C ~ 125°C | -40°C ~ 125°C | -40°C ~ 125°C | -40°C ~ 125°C |
| Supplier Device Package | SOT-23-5 | SOT-23-5 | SOT-23-5 | SOT-23-5 |
| Series | - | - | - | - |
| PSRR | 75dB (100Hz) | 75dB (100Hz) | 75dB (100Hz) | 75dB (100Hz) |
| Protection Features | Over Current, Over Temperature, Reverse Polarity | Over Current, Over Temperature, Reverse Polarity | Over Current, Over Temperature, Reverse Polarity | Over Current, Over Temperature, Reverse Polarity |
| Current - Output | 150mA | 150mA | 150mA | 150mA |
| Current - Quiescent (Iq) | 150 µA | 150 µA | 150 µA | 150 µA |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Number of Regulators | 1 | 1 | 1 | 1 |
| Package / Case | SC-74A, SOT-753 | SC-74A, SOT-753 | SC-74A, SOT-753 | SC-74A, SOT-753 |
| Output Configuration | Positive | Positive | Positive | Positive |
| Voltage Dropout (Max) | 0.35V @ 150mA | 0.35V @ 150mA | 0.35V @ 150mA | 0.35V @ 150mA |
| Voltage - Input (Max) | 16V | 16V | 16V | 16V |
| Voltage - Output (Min/Fixed) | 3V | 3V | 2.9V | 2.8V |
| Base Product Number | MIC5205 | - | - | MIC5205 |
| Control Features | Enable | Enable | Enable | Enable |
| Current - Supply (Max) | 2.5 mA | 2.5 mA | 2.5 mA | 2.5 mA |
| Package | Tape & Reel (TR) | Bulk | Bulk | Tape & Reel (TR) |
| Output Type | Fixed | Fixed | Fixed | Fixed |

MIC5205-3.0YM5-TR Datasheet PDF

Download MIC5205-3.0YM5-TR pdf datasheets and Microchip Technology documentation for MIC5205-3.0YM5-TR - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)


PCN Packaging

[2.73KHz.pdf](#)


PCN Part Number


 2.73KHz.pdf

PCN Assembly/Origin

 2.73KHz.pdf







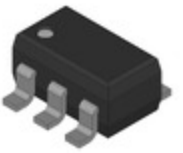











PCN Design/Specification

 MIC5205 03/Mar/2022.pdf

 MIC5205 14/Feb/2022.pdf

Customers Also Interested in

Recommended Products

| | | | | | |
|---|---|---|--|---|---|
|  |  |  |  |  |  |
| MIC5205-3.0BM5/TR | MIC5205-3.0BM5 | MIC5205-3.0BM5TR | MIC5205-2.9BM5 | MIC5205-3.3 | MIC5205-2.8YM5-TR |
| Micrel / Microchip Technology | Micrel Inc. IC REG LINEAR 150MA LOW NOISE | MIC | Micrel Inc. IC REG LINEAR 150MA LOW NOISE | MIC | Microchip Technology IC REG LINEAR 2.8V 150MA SOT23-5 |
|  |  |  |  |  |  |
| MIC5205-2.9YM5 | MIC5205-3.0YM5 | MIC5205-3.2BM5TR | MIC5205-3.2BM5 | MIC5205-3.2YM5 | MIC5205-3.0BM4 |
| Micrel Inc. IC REG LINEAR 150MA LOW NOISE | Micrel Inc. IC REG LINEAR 150MA LOW NOISE | Micrel / Microchip Technology | Micrel Inc. IC REG LINEAR 150MA LOW NOISE | Micrel / Microchip Technology | Micrel / Microchip Technology |
|  |  |  |  |  |  |
| MIC5205-3.1YM5TR | MIC5205-2.8YM5TR | MIC5205-3.1BM5 | MIC5205-3.1YM5 | MIC5205-3.0YM5TR | MIC5205-3.0YM5/TR |
| Micrel / Microchip Technology | MO&U/MICROCHIP | Micrel Inc. IC REG LINEAR 150MA LOW NOISE | Micrel / Microchip Technology | Micrel / Microchip Technology | Micrel / Microchip Technology |

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

| Common Countries Logistic Time Reference | | |
|--|----------------|--------------------|
| Region | Country | Logistic Time(Day) |
| America | United States | 5 |
| | Brazil | 7 |
| Europe | Germany | 5 |
| | United Kingdom | 4 |
| | Italy | 5 |
| Oceania | Australia | 6 |
| | New Zealand | 7 |
| Asia | India | 6 |
| | Japan | 7 |
| Middle East | Israel | 6 |

| DHL & FedEx Shipment Charges Reference | |
|--|----------------------|
| Shipment charges(KG) | Reference DHL(USD\$) |
| 0.00kg-1.00kg | USD\$60.00 |
| 1.00kg-2.00kg | USD\$70.00 |
| 2.00kg-3.00kg | USD\$80.00 |

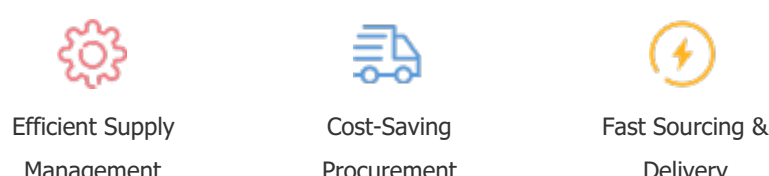
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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