

Image may be representation.
See specifications for product details.



MIC5353YMT-TR

| | |
|--------------------------|--|
| Manufacturer Part Number | MIC5353YMT-TR |
| Manufacturer | Microchip Technology |
| Allelco Part Number | 32D-MIC5353YMT-TR |
| ECAD Model | PCB Symbol, Footprint & 3D Model |
| Parts Description | IC REG LIN POS ADJ 500MA 6TMLF |
| Package | 6-UFDNF Exposed Pad, 6-TMLF® |
| Data sheet | Cylindrical Battery Holders.pdf MIC5353.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

MIC5353YMT-TR - Microchip Technology. New Original in Stock. Download Linear Technology MIC5353YMT-TR datasheet/specifications on AllelcoElec.com.
Request a quote for MIC5353YMT-TR, please send us email: info@allelco.com

Specifications

MIC5353YMT-TR Tech Specifications

MIC5353YMT-TR - Microchip Technology technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|------------------------------|--------------------------------|--------------------------|-----------------|
| Manufacturer | Microchip Technology | PSRR | 60dB (1kHz) |
| Voltage Dropout (Max) | 0.35V @ 500mA | Output Type | Adjustable |
| Voltage - Output (Min/Fixed) | 1.25V | Output Configuration | Positive |
| Voltage - Output (Max) | 5.5V | Operating Temperature | -40°C ~ 125°C |
| Voltage - Input (Max) | 6V | Number of Regulators | 1 |
| Supplier Device Package | 6-TMLF® (1.6x1.6) | Mounting Type | Surface Mount |
| Series | - | Current - Quiescent (Iq) | 175 µA |
| Protection Features | Over Current, Over Temperature | Current - Output | 500mA |
| Package / Case | 6-UFDNF Exposed Pad, 6-TMLF® | Control Features | Enable |
| Package | Tape & Reel (TR) | Base Product Number | MIC5353 |

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC5353YMT-TR

| Product Attribute | | | | |
|------------------------------|--------------------------------|--|--------------------------------|--|
| Part Number | MIC5353YMT-TR | MIC5356-S4YMME | MIC5353-2.5YMT-TR | MIC5356-G4YMME |
| Manufacturer | Microchip Technology | Microchip Technology | Microchip Technology | Microchip Technology |
| Number of Regulators | 1 | 2 | 1 | 2 |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Package / Case | 6-UFDNF Exposed Pad, 6-TMLF® | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad | 6-UFDNF Exposed Pad, 6-TMLF® | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad |
| Output Configuration | Positive | Positive | Positive | Positive |
| Supplier Device Package | 6-TMLF® (1.6x1.6) | 8-MSOP-EP | 6-TMLF® (1.6x1.6) | 8-MSOP-EP |
| Base Product Number | MIC5353 | MIC5356 | MIC5353 | MIC5356 |
| Series | - | - | - | - |
| Current - Output | 500mA | 500mA, 500mA | 500mA | 500mA, 500mA |
| Voltage - Output (Max) | 5.5V | - | - | - |
| Voltage - Input (Max) | 6V | 5.5V | 6V | 5.5V |
| Output Type | Adjustable | Fixed | Fixed | Fixed |
| Voltage Dropout (Max) | 0.35V @ 500mA | 0.8V @ 500mA, 0.8V @ 500mA | 0.35V @ 500mA | 0.8V @ 500mA, 0.8V @ 500mA |
| Current - Quiescent (Iq) | 175 µA | 0.53 µA | 175 µA | 0.53 µA |
| Protection Features | Over Current, Over Temperature | Over Current, Over Temperature | Over Current, Over Temperature | Over Current, Over Temperature |
| Package | Tape & Reel (TR) | Tube | Tape & Reel (TR) | Tube |
| Control Features | Enable | Enable | Enable | Enable |
| Operating Temperature | -40°C ~ 125°C | -40°C ~ 125°C | -40°C ~ 125°C | -40°C ~ 125°C |
| PSRR | 60dB (1kHz) | 60dB (1kHz) | 60dB (1kHz) | 60dB (1kHz) |
| Voltage - Output (Min/Fixed) | 1.25V | 1.2V, 3.3V | 2.5V | 1.2V, 1.8V |

MIC5353YMT-TR Datasheet PDF

Download MIC5353YMT-TR pdf datasheets and Microchip Technology documentation for MIC5353YMT-TR - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

[2.73KHz.pdf](#)

PCN Part Number

2.73KHz.pdf

PCN Assembly/Origin

Wafer Size Update 02/Sep/2015.pdf

HTML Datasheet












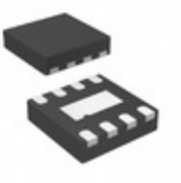






MIC5353.pdf

PCN Design/Specification

Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products

| | | | | | |
|---|---|---|--|---|---|
|  |  |  |  |  |  |
| MIC5355-JGYMME/TR Micrel / Microchip Technology | MIC5356-S4YMME Microchip Technology IC REG LINEAR 1.2V/3.3V 8MSOP | MIC5353-2.5YMT-TR Microchip Technology IC REG LINEAR 2.5V 500MA 6TMLF | MIC5356-G4YMME Microchip Technology IC REG LINEAR 1.2V/1.8V 8MSOP | MIC5353-3.3YMT-TR Microchip Technology IC REG LINEAR 3.3V 500MA 6TMLF | MIC5356-JGYMME Microchip Technology IC REG LINEAR 1.8V/2.5V 8MSOP |
|  |  |  |  |  |  |
| MIC5356-MMYMLTR Micrel / Microchip Technology | MIC5353-2.8YMT-TR Microchip Technology IC REG LINEAR 2.8V 500MA 6TMLF | MIC5353-3.3YMT/TR Micrel / Microchip Technology | MIC5356-MGYMLTR Micrel / Microchip Technology | MIC5353-1.8YMTTR Micrel / Microchip Technology | MIC5350-SGYMT-TR Microchip Technology IC REG LINEAR 3.3V/1.8V 8TMLF |
|  |  |  |  |  |  |
| MIC5355-SGYMME Microchip Technology IC REG LINEAR 1.8V/3.3V 8MSOP | MIC5338-G4YMTTR Micrel / Microchip Technology | MIC5335-SSYMT-TR Microchip Technology IC REG LINEAR 3.3V/3.3V 6TMLF | MIC5353YMTTR Micrel / Microchip Technology | MIC5356-MGYML/TR Micrel / Microchip Technology | MIC5353YMT 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 Alleco 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 -

| | | |
|--|--|---|
|  Efficient Supply Management |  Cost-Saving Procurement |  Fast Sourcing & Delivery |
|--|--|---|

Contact us if you have any questions.

| | |
|--|---|
|  Phone +00852 9146 4856 |  Email info@alleco.com |
|--|---|

Certifications & Memberships



View More

