



Image may be representation.
See specifications for product details.



MIC5283-5.0YML-TR

Manufacturer Part Number **MIC5283-5.0YML-TR**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-MIC5283-5.0YML-TR**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IC REG LINEAR 5V 150MA 8MLF**

Package **8-VDFDN Exposed Pad, 8-MLF®**

Data sheet **MIC5283 Series.pdf**

RoHs Status **ROHS3 Compliant**

Get a Quote

MIC5283-5.0YML-TR - Microchip Technology. New Original in Stock. Download Linear Technology MIC5283-5.0YML-TR datasheet/specifications on AllelcoElec.com. Request a quote for MIC5283-5.0YML-TR, please send us email: info@allelco.com

Specifications

MIC5283-5.0YML-TR Tech Specifications
MIC5283-5.0YML-TR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	PSRR	70dB ~ 65dB (100Hz ~ 100kHz)
Voltage Dropout (Max)	2.8V @ 150mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	5V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	120V	Number of Regulators	1
Supplier Device Package	8-MLF® (2x2)	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	14 µA
Protection Features	Over Current, Over Temperature	Current - Output	150mA
Package / Case	8-VDFDN Exposed Pad, 8-MLF®	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	MIC5283

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC5283-5.0YML-TR

Product Attribute				
Part Number	MIC5283-5.0YML-TR	MIC5282-5.0YMM	MIC5282-5.0YMME	MIC5283-3.3YME-TR
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage - Output (Max)	-	-	-	-
Voltage - Input (Max)	120V	120V	120V	120V
Supplier Device Package	8-MLF® (2x2)	8-MSOP	8-MSOP-EP	8-SOIC-EP
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	8-VDFDN Exposed Pad, 8-MLF®	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad	8-SOIC (0.154", 3.90mm Width) Exposed Pad
Control Features	-	-	-	-
Base Product Number	MIC5283	MIC5282	MIC5282	MIC5283
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Output Configuration	Positive	Positive	Positive	Positive
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Package	Tape & Reel (TR)	Tube	Tube	Tape & Reel (TR)
Current - Output	150mA	50mA	50mA	150mA
Voltage - Output (Min/Fixed)	5V	5V	5V	3.3V
Number of Regulators	1	1	1	1
Output Type	Fixed	Fixed	Fixed	Fixed
PSRR	70dB ~ 65dB (100Hz ~ 100kHz)	90dB ~ 65dB (40kHz ~ 1kHz)	90dB ~ 65dB (40kHz ~ 1kHz)	70dB ~ 65dB (100Hz ~ 100kHz)
Series	-	-	-	-
Voltage Dropout (Max)	2.8V @ 150mA	3V @ 50mA	3V @ 50mA	2.8V @ 150mA
Current - Quiescent (Iq)	14 µA	11 µA	11 µA	14 µA

MIC5283-5.0YML-TR Datasheet PDF

Download MIC5283-5.0YML-TR pdf datasheets and Microchip Technology documentation for MIC5283-5.0YML-TR - Microchip Technology.

Datasheets

MIC5283 Series.pdf

PCN Packaging

2.73KHz.pdf

PCN Part Number

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

MIC5282-5.0YMM Microchip Technology IC REG LINEAR 5V 50MA 8MSOP	MIC5282-5.0YMMME Microchip Technology IC REG LINEAR 5V 50MA 8MSOP	MIC5301-2.5YMTTR Micrel / Microchip Technology	MIC5301-1.5YD5TR Micrel / Microchip Technology	MIC5301-1.5YD5 Micrel / Microchip Technology	MIC5283-3.3YME-TR Microchip Technology IC REG LINEAR 3.3V 150MA 8SOIC
MIC5283-3.3YME/TR Micrel / Microchip Technology	MIC5282-5.0YMM-TR Microchip Technology IC REG LINEAR 5V 50MA 8MSOP	MIC5295-5.0WD Micrel / Microchip Technology	MIC5283-3.3YML-TR Microchip Technology IC REG LINEAR 3.3V 150MA 8MLF	MIC5283YME-TR Microchip Technology IC REG LIN POS ADJ 150MA 8SOIC	MIC5295YD Microchip Technology IC REG LIN POS ADJ 150MA TO252-5
MIC5282-5.0YMMME-TR Microchip Technology IC REG LINEAR 5V 50MA 8MSOP	MIC5301-1.5YMT Micrel Inc. IC REG LINEAR 1.5V 150MA 6TMLF	MIC5283-5.0YME Microchip Technology IC REG LINEAR 5V 150MA 8SOIC	MIC5283-3.3YME Microchip Technology IC REG LINEAR 3.3V 150MA 8SOIC	MIC5283-5.0YME-TR Microchip Technology IC REG LINEAR 5V 150MA 8SOIC	MIC5300-2.8YML 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 -

Efficient Supply Management	Cost-Saving Procurement	Fast Sourcing & Delivery
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Contact us if you have any questions.

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Certifications & Memberships



View More

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