



Image may be representation.
See specifications for product details.



MIC5265-2.5YD5-TR

Manufacturer Part Number **MIC5265-2.5YD5-TR**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-MIC5265-2.5YD5-TR**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IC REG LIN 2.5V 150mA TSOT23-5**

Package **SOT-23-5 Thin, TSOT-23-5**

Data sheet **Cylindrical Battery Holders.pdf**

RoHs Status **ROHS3 Compliant**

Get a Quote

MIC5265-2.5YD5-TR - Microchip Technology. New Original in Stock. Download Linear Technology MIC5265-2.5YD5-TR datasheet/specifications on AllelcoElec.com. Request a quote for MIC5265-2.5YD5-TR, please send us email: info@allelco.com

Specifications

MIC5265-2.5YD5-TR Tech Specifications

MIC5265-2.5YD5-TR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Output Type	Fixed
Voltage Dropout (Max)	0.5V @ 150mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	2.5V	Operating Temperature	-40°C ~ 125°C
Voltage - Output (Max)	-	Number of Regulators	1
Voltage - Input (Max)	5.5V	Mounting Type	Surface Mount
Supplier Device Package	TSOT-23-5	Current - Supply (Max)	150 µA
Series	-	Current - Quiescent (Iq)	2 µA
Protection Features	Over Temperature, Under Voltage Lockout (UVLO)	Current - Output	150mA
Package / Case	SOT-23-5 Thin, TSOT-23-5	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	MIC5265
PSRR	64dB ~ 62dB (1kHz ~ 100Hz)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC5265-2.5YD5-TR

Product Attribute				
Part Number	MIC5265-2.5YD5-TR	MIC5265-2.85YD5	MIC5265-1.85YD5	MIC5265-2.6YD5
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package / Case	SOT-23-5 Thin, TSOT-23-5	SOT-23-5 Thin, TSOT-23-5	SOT-23-5 Thin, TSOT-23-5	SOT-23-5 Thin, TSOT-23-5
Current - Quiescent (Iq)	2 µA	2 µA	2 µA	2 µA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V
Voltage - Output (Min/Fixed)	2.5V	2.85V	1.85V	2.6V
Voltage Dropout (Max)	0.5V @ 150mA	0.5V @ 150mA	0.5V @ 150mA	0.5V @ 150mA
Number of Regulators	1	1	1	1
Output Configuration	Positive	Positive	Positive	Positive
Base Product Number	MIC5265	MIC5265	MIC5265	MIC5265
Supplier Device Package	TSOT-23-5	TSOT-23-5	TSOT-23-5	TSOT-23-5
Series	-	-	-	-
Protection Features	Over Temperature, Under Voltage Lockout (UVLO)	Over Temperature, Under Voltage Lockout (UVLO)	Over Temperature, Under Voltage Lockout (UVLO)	Over Temperature, Under Voltage Lockout (UVLO)
Current - Supply (Max)	150 µA	150 µA	150 µA	150 µA
Voltage - Output (Max)	-	-	-	-
Package	Tape & Reel (TR)	Bulk	Bulk	Bulk
Control Features	Enable	Enable	Enable	Enable
Current - Output	150mA	150mA	150mA	150mA
PSRR	64dB ~ 62dB (1kHz ~ 100Hz)	64dB ~ 62dB (1kHz ~ 100Hz)	64dB ~ 62dB (1kHz ~ 100Hz)	64dB ~ 62dB (1kHz ~ 100Hz)
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Output Type	Fixed	Fixed	Fixed	Fixed

MIC5265-2.5YD5-TR Datasheet PDF

Download MIC5265-2.5YD5-TR pdf datasheets and Microchip Technology documentation for MIC5265-2.5YD5-TR - Microchip Technology.

Datasheets

Cylindrical Battery Holders.pdf


PCN Packaging

2.73KHz.pdf

PCN Assembly/Origin



















 2.73KHz.pdf

PCN Part Number

 2.73KHz.pdf

Customers Also Interested in

Recommended Products

					
MIC5265-2.8YD5/TR	MIC5265-2.85YD5	MIC5265-1.85YD5	MIC5265-1.8YD5TR	MIC5265-2.6YD5	MIC5265-1.8BD5
Micrel / Microchip Technology	Microchip Technology IC REG LIN 2.85V 150MA TSOT23-5	Microchip Technology IC REG LIN 1.85V 150MA TSOT23-5	Micrel / Microchip Technology	Microchip Technology IC REG LIN 2.6V 150MA TSOT23-5	Micrel / Microchip Technology
					
MIC5265-2.5BD5	MIC5265-1.8YD5	MIC5265-1.85YD5/TR	MIC5265-2.9YD5	MIC5265-1.8YD5-TR	MIC5265-2.7YD5
Micrel / Microchip Technology	Microchip Technology IC REG LIN 1.8V 150MA TSOT23-5	Micrel / Microchip Technology	Microchip Technology IC REG LIN 2.9V 150MA TSOT23-5	Microchip Technology IC REG LIN 1.8V 150MA TSOT23-5	Microchip Technology IC REG LIN 2.7V 150MA TSOT23-5
					
MIC5265-1.5YD5	MIC5265-2.9YD5-TR	MIC5265-1.8YD5/TR	MIC5265-2.5YD5TR	MIC5265-2.5YD5	MIC5265-2.8YD5
Microchip Technology IC REG LIN 1.5V 150MA TSOT23-5	Microchip Technology IC REG LIN 2.9V 150MA TSOT23-5	Micrel / Microchip Technology	Micrel / Microchip Technology	Microchip Technology IC REG LIN 2.5V 150MA TSOT23-5	Microchip Technology IC REG LIN 2.8V 150MA TSOT23-5

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

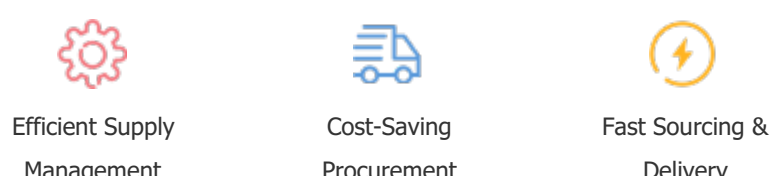
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

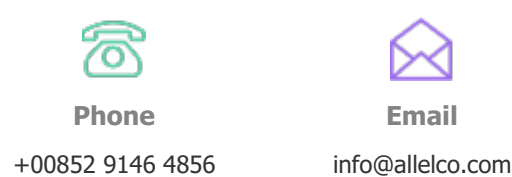
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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