



Image may be representation.
See specifications for product details.



TC1016-2.7VCTTR

Manufacturer Part Number	TC1016-2.7VCTTR
Manufacturer	Microchip Technology
Allelco Part Number	32D-TC1016-2.7VCTTR
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR 2.7V 80MA SOT23-5
Package	SC-74A, SOT-753
Data sheet	Analog and Interface Product Guide.pdf TC1016 Brochure.pdf TC1016 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TC1016-2.7VCTTR - Microchip Technology, New Original in Stock. Download Linear Technology TC1016-2.7VCTTR datasheet/specifications on AllelcoElec.com. Request a quote for TC1016-2.7VCTTR, please send us email: info@allelco.com

Specifications

TC1016-2.7VCTTR Tech Specifications
TC1016-2.7VCTTR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	PSRR	58dB (1kHz)
Voltage Dropout (Max)	0.3V @ 80mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	2.7V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	6V	Number of Regulators	1
Supplier Device Package	SOT-23-5	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	90 µA
Protection Features	Over Current, Over Temperature	Current - Output	80mA
Package / Case	SC-74A, SOT-753	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	TC1016

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology TC1016-2.7VCTTR

Product Attribute				
Part Number	TC1016-2.7VCTTR	TC1016-1.8VLTTR	TC1017-1.8VCTTR	TC1015-3.3VCT713
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Output (Min/Fixed)	2.7V	1.8V	1.8V	3.3V
Current - Output	80mA	80mA	150mA	100mA
Series	-	-	-	-
Base Product Number	TC1016	TC1016	TC1017	TC1015
Output Configuration	Positive	Positive	Positive	Positive
Number of Regulators	1	1	1	1
Supplier Device Package	SOT-23-5	SC-70-5	SOT-23-5	SOT-23-5
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Input (Max)	6V	6V	6V	6V
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Voltage Dropout (Max)	0.3V @ 80mA	0.3V @ 80mA	0.5V @ 150mA	0.25V @ 100mA
Output Type	Fixed	Fixed	Fixed	Fixed
PSRR	58dB (1kHz)	58dB (1kHz)	58dB (1kHz)	64dB (1kHz)
Package / Case	SC-74A, SOT-753	5-TSSOP, SC-70-5, SOT-353	SC-74A, SOT-753	SC-74A, SOT-753
Voltage - Output (Max)	-	-	-	-
Control Features	Enable	Enable	Enable	Enable
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Current - Quiescent (Iq)	90 µA	90 µA	90 µA	80 µA

TC1016-2.7VCTTR Datasheet PDF

Download TC1016-2.7VCTTR pdf datasheets and Microchip Technology documentation for TC1016-2.7VCTTR - Microchip Technology.


Datasheets

- [Analog and Interface Product Guide.pdf](#)
- [TC1016 Brochure.pdf](#)
- [TC1016 Datasheet.pdf](#)

PCN Packaging

- [Label and Packing Changes 23/Sep/2015.pdf](#)
- [Packing Changes 10/Oct/2016.pdf](#)

Design Resources

 Portable Power Conversion Design Guide.pdf

Other Related Documents



















 Development Tools Catalog.pdf

PCN Assembly/Origin

 Mult Devices 23/Nov/2017.pdf

Customers Also Interested in

Recommended Products

					
TC1016-2.5VCTTR Micrel / Microchip Technology	TC1016-1.8VLTTR Microchip Technology IC REG LINEAR 1.8V 80MA SC70-5	TC1017-1.8VCTTR Microchip Technology IC REG LINEAR 1.8V 150MA SOT23-5	TC1015-3.3VCT713 Microchip Technology IC REG LINEAR 3.3V 100MA SOT23-5	TC1016-2.8VCTTR Microchip Technology IC REG LINEAR 2.8V 80MA SOT23-5	TC1015-3.6VCT713 Microchip Technology IC REG LINEAR 3.6V 100MA SOT23-5
					
TC1016-2.8VLTTR Microchip Technology IC REG LINEAR 2.8V 80MA SC70-5	TC1016-2.85VCTTR Micrel / Microchip Technology	TC1016-3.0VLTTR Microchip Technology IC REG LINEAR 3V 80MA SC70-5	TC1016-3.3VCTTR Microchip Technology IC REG LINEAR 3.3V 80MA SOT23-5	TC1016-2.7VLTTR Microchip Technology IC REG LINEAR 2.7V 80MA SC70-5	TC1016-1.85VCTTR Microchip Technology IC REG LINEAR 1.85V 80MA SOT23-5
					
TC1016-2.6VCTTR Micrel / Microchip Technology	TC1016-4.0VCTTR Microchip Technology IC REG LINEAR 4V 80MA SOT23-5	TC1016-1.8VCTTR Micrel / Microchip Technology IC REG LINEAR 1.8V 80MA SOT23-5	TC1015-5.0VCT713 Microchip Technology IC REG LINEAR 5V 100MA SOT23-5	TC1016-3.0VCTTR Microchip Technology IC REG LINEAR 3V 80MA SOT23-5	TC1015-4.0VCT713 Microchip Technology IC REG LINEAR 4V 100MA SOT23-5

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 -

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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



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