



Image may be representation.
See specifications for product details.



TC1017-1.8VCTTR

Manufacturer Part Number **TC1017-1.8VCTTR**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-TC1017-1.8VCTTR**

ECAD Model  PCB Symbol, Footprint & 3D Model

Parts Description **IC REG LINEAR 1.8V 150MA SOT23-5**

Package **SC-74A, SOT-753**

Data sheet **[Analog and Interface Product Guide.pdf](#)**

[TC1017.pdf](#)

Get a Quote

TC1017-1.8VCTTR - Microchip Technology. New Original in Stock. Download Linear Technology TC1017-1.8VCTTR datasheet/specifications on AllelcoElec.com. Request a quote for TC1017-1.8VCTTR, please send us email: info@allelco.com

Specifications

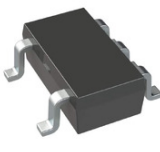



TC1017-1.8VCTTR Tech Specifications

TC1017-1.8VCTTR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	PSRR	58dB (1kHz)
Voltage Dropout (Max)	0.5V @ 150mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	1.8V	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	150mA
Package / Case	SC-74A, SOT-753	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	TC1017

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology TC1017-1.8VCTTR

Product Attribute				
Part Number	TC1017-1.8VCTTR	TC1016-2.7VLTTR	TC1016-2.8VCTTR	TC1016-2.8VLTTR
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Current - Output	150mA	80mA	80mA	80mA
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Current - Quiescent (Iq)	90 µA	90 µA	90 µA	90 µA
Control Features	Enable	Enable	Enable	Enable
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Package / Case	SC-74A, SOT-753	5-TSSOP, SC-70-5, SOT-353	SC-74A, SOT-753	5-TSSOP, SC-70-5, SOT-353
PSRR	58dB (1kHz)	58dB (1kHz)	58dB (1kHz)	58dB (1kHz)
Number of Regulators	1	1	1	1
Voltage - Output (Min/Fixed)	1.8V	2.7V	2.8V	2.8V
Series	-	-	-	-
Voltage - Output (Max)	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage Dropout (Max)	0.5V @ 150mA	0.3V @ 80mA	0.3V @ 80mA	0.3V @ 80mA
Base Product Number	TC1017	TC1016	TC1016	TC1016
Voltage - Input (Max)	6V	6V	6V	6V
Output Configuration	Positive	Positive	Positive	Positive
Output Type	Fixed	Fixed	Fixed	Fixed
Supplier Device Package	SOT-23-5	SC-70-5	SOT-23-5	SC-70-5

TC1017-1.8VCTTR Datasheet PDF

Download TC1017-1.8VCTTR pdf datasheets and Microchip Technology documentation for TC1017-1.8VCTTR - Microchip Technology.

Datasheets


 [Analog and Interface Product Guide.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

 Cylindrical Battery Holders.pdf

PCN Assembly/Origin



















 2.73KHz.pdf

HTML Datasheet

 TC1017.pdf

Customers Also Interested in

Recommended Products

					
TC1016-2.85VCTTR Micrel / Microchip Technology	TC1016-2.7VLTTR Microchip Technology IC REG LINEAR 2.7V 80MA SC70-5	TC1016-2.8VCTTR Microchip Technology IC REG LINEAR 2.8V 80MA SOT23-5	TC1016-2.8VLTTR Microchip Technology IC REG LINEAR 2.8V 80MA SC70-5	TC1016-3.0VCTTR Microchip Technology IC REG LINEAR 3V 80MA SOT23-5	TC1017-2.5VCTTR Micrel / Microchip Technology
					
TC1016-3.0VLTTR Microchip Technology IC REG LINEAR 3V 80MA SC70-5	TC1017-2.85VLTTR Microchip Technology IC REG LINEAR 2.85V 150MA SC70-5	TC1016-3.3VCTTR Microchip Technology IC REG LINEAR 3.3V 80MA SOT23-5	TC1016-2.9VCTTR Micrel / Microchip Technology	TC1017-2.8VCTTR Microchip Technology IC REG LINEAR 2.8V 150MA SOT23-5	TC1017-2.5VLTTR Micrel / Microchip Technology
					
TC1016-4.0VCTTR Microchip Technology IC REG LINEAR 4V 80MA SOT23-5	TC1017-1.8VLTTR Microchip Technology IC REG LINEAR 1.8V 150MA SC70-5	TC1017-2.8VLTTR Microchip Technology IC REG LINEAR 2.8V 150MA SC70-5	TC1016-2.7VCTTR Microchip Technology IC REG LINEAR 2.7V 80MA SOT23-5	TC1017-2.9VCTTR Microchip Technology IC REG LINEAR 2.9V 150MA SOT23-5	TC1017-2.6VCTTR 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.

 Phone +00852 9146 4856	 Email info@allelco.com
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Certifications & Memberships



View More

Contact us

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