



Image may be representation.
See specifications for product details.



TC1186-5.0VCT713

Manufacturer Part Number	TC1186-5.0VCT713
Manufacturer	Microchip Technology
Allelco Part Number	32D-TC1186-5.0VCT713
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR 5V 150MA SOT23-5
Package	SC-74A, SOT-753
Data sheet	Analog and Interface Product Guide.pdf TC1054, 1055, 1186.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TC1186-5.0VCT713 - Microchip Technology. New Original in Stock. Download Linear Technology TC1186-5.0VCT713 datasheet/specifications on AllelcoElec.com. Request a quote for TC1186-5.0VCT713, please send us email: info@allelco.com

Specifications

TC1186-5.0VCT713 Tech Specifications
TC1186-5.0VCT713 - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	PSRR	64dB (1kHz)
Voltage Dropout (Max)	0.4V @ 150mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	5V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	6.5V	Number of Regulators	1
Supplier Device Package	SOT-23-5	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	80 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	TC1186

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology TC1186-5.0VCT713

Product Attribute				
Part Number	TC1186-5.0VCT713	TC1186-3.6VCT713	TC1186-2.7VCT713	TC1189TECTTR
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Output Configuration	Positive	Positive	Positive	Positive
Supplier Device Package	SOT-23-5	SOT-23-5	SOT-23-5	SOT-23-5
Voltage - Input (Max)	6.5V	6.5V	6.5V	6V
Output Type	Fixed	Fixed	Fixed	Fixed
Voltage - Output (Max)	-	-	-	-
PSRR	64dB (1kHz)	64dB (1kHz)	64dB (1kHz)	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 85°C
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Current - Output	150mA	150mA	150mA	120mA
Base Product Number	TC1186	TC1186	TC1186	TC1189
Voltage - Output (Min/Fixed)	5V	3.6V	2.7V	3.15V
Package / Case	SC-74A, SOT-753	SC-74A, SOT-753	SC-74A, SOT-753	SC-74A, SOT-753
Series	-	-	-	-
Number of Regulators	1	1	1	1
Voltage Dropout (Max)	0.4V @ 150mA	0.4V @ 150mA	0.4V @ 150mA	0.24V @ 100mA
Control Features	Enable	Enable	Enable	Enable
Current - Quiescent (Iq)	80 µA	80 µA	80 µA	90 µA

TC1186-5.0VCT713 Datasheet PDF

Download TC1186-5.0VCT713 pdf datasheets and Microchip Technology documentation for TC1186-5.0VCT713 - 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](#)

Other Related Documents

 Cylindrical Battery Holders.pdf

HTML Datasheet






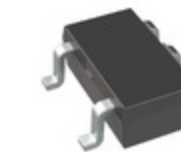












 TC1054, 1055, 1186.pdf

PCN Assembly/Origin

 2.73KHz.pdf

Customers Also Interested in

Recommended Products

 TC1186-3.6VCT713 Microchip Technology IC REG LINEAR 3.6V 150MA SOT23-5	 TC120303EHATR Microchip Technology IC REG BUCK 3V 600MA 8SOP	 TC118S FM	 TC1186-2.7VCT713 Microchip Technology IC REG LINEAR 2.7V 150MA SOT23-5	 TC111L007AP-3232 OUPLO	 TC1189TECTTR Microchip Technology IC REG LIN 3.15V 120MA SOT23-5
 TC118AH FM	 TC1186-2.85VCT713 Microchip Technology IC REG LIN 2.85V 150MA SOT23-5	 TC11L005AU-2212 TAEC Product (Toshiba Electronic Devices and Stora	 TC1187VCT713 Microchip Technology IC REG LIN POS ADJ 150MA SOT23-5	 TC1186-2.8VCT713 Microchip Technology IC REG LINEAR 2.8V 150MA SOT23-5	 TC1186-3.0VCT Micrel / Microchip Technology
 TC1186-4.0VCT713 Microchip Technology IC REG LINEAR 4V 150MA SOT23-5	 TC1188TECTTR Microchip Technology IC REG LIN 3.15V 120MA SOT23-5	 TC1186-3.3VCT713 Microchip Technology IC REG LINEAR 3.3V 150MA SOT23-5	 TC1186-3.0VCT713 Microchip Technology IC REG LINEAR 3V 150MA SOT23-5	 TC1186-2.8VCT Micrel / Microchip Technology	 TC1186-3.3VCT 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

Contact us if you have any questions.

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Certifications & Memberships



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