



Image may be representation.
See specifications for product details.



TC1185-2.5VCT713

Manufacturer Part Number	TC1185-2.5VCT713
Manufacturer	Microchip Technology
Allelco Part Number	32D-TC1185-2.5VCT713
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 2.5V 150MA SOT23-5
Package	SC-74A, SOT-753
Data sheet	Analog and Interface Product Guide.pdf TC1014, 1015, 1185.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TC1185-2.5VCT713 - Microchip Technology. New Original in Stock. Download Linear Technology TC1185-2.5VCT713 datasheet/specifications on AllelcoElec.com. Request a quote for TC1185-2.5VCT713, please send us email: info@allelco.com

Specifications

TC1185-2.5VCT713 Tech Specifications
TC1185-2.5VCT713 - 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)	2.5V	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)	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	TC1185

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology TC1185-2.5VCT713

Product Attribute				
Part Number	TC1185-2.5VCT713	TC1174VUATR	TC1185-2.85VCT713	TC1185-1.8VCT713
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Output Configuration	Positive	Positive	Positive	Positive
Supplier Device Package	SOT-23-5	8-MSOP	SOT-23-5	SOT-23-5
Voltage - Input (Max)	6V	6V	6V	6V
Current - Quiescent (Iq)	80 µA	90 µA	80 µA	80 µA
Package / Case	SC-74A, SOT-753	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	SC-74A, SOT-753	SC-74A, SOT-753
Voltage - Output (Max)	-	5.95V	-	-
Current - Output	150mA	300mA	150mA	150mA
Voltage - Output (Min/Fixed)	2.5V	1.2V	2.85V	1.8V
Series	-	-	-	-
Output Type	Fixed	Adjustable	Fixed	Fixed
Base Product Number	TC1185	TC1174	TC1185	TC1185
Number of Regulators	1	1	1	1
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
PSRR	64dB (1kHz)	60dB (1kHz)	64dB (1kHz)	64dB (1kHz)
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Voltage Dropout (Max)	0.4V @ 150mA	0.48V @ 300mA	0.4V @ 150mA	0.4V @ 150mA
Control Features	Enable	Enable	Enable	Enable
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C

TC1185-2.5VCT713 Datasheet PDF

Download TC1185-2.5VCT713 pdf datasheets and Microchip Technology documentation for TC1185-2.5VCT713 - Microchip Technology.

Datasheets

Analog and Interface Product Guide.pdf	TC1014, 1015, 1185.pdf
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PCN Packaging



















Label and Packing Changes 23/Sep/2015.pdf	Packing Changes 10/Oct/2016.pdf
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Other Related Documents

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

					
TC1174VUATR Microchip Technology IC REG LIN POS ADJ 300MA 8MSOP	TC1185-2.85VCT713 Microchip Technology IC REG LIN 2.85V 150MA SOT23-5	TC1185-1.8VCT713 Microchip Technology IC REG LINEAR 1.8V 150MA SOT23-5	TC1185-3.0VCT Micrel / Microchip Technology	TC1185-3.0VCT713 Microchip Technology IC REG LINEAR 3V 150MA SOT23-5	TC1174VUA Microchip Technology IC REG LIN POS ADJ 300MA 8MSOP
					
TC1185-2.8VCT713 Microchip Technology IC REG LINEAR 2.8V 150MA SOT23-5	TC1173-3.3VOA Microchip Technology IC REG LINEAR 3.3V 300MA 8SOIC	TC117HS FULLMAD	TC1185-2.8VCT Micrel / Microchip Technology	TC1185-2.7VCT713 Microchip Technology IC REG LINEAR 2.7V 150MA SOT23-5	TC1174VOA Microchip Technology IC REG LIN POS ADJ 300MA 8SOIC
					
TC1185-1.8VCT MIC	TC1185-2.8 VCTG28 MIC	TC1174HVCS8-5 Linear Technology / Analog Devices	TC1185-3.3VCT Micrel / Microchip Technology	TC1173-3.0VUATR. MICROCHI	TC1185-2.6VCT713 Microchip Technology IC REG LINEAR 2.6V 150MA 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 -

-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone
+00852 9146 4856
-  Email
info@allelco.com

Certifications & Memberships



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