

Image may be representation.
See specifications for product details.



EMC1001-AFZQ-TR

Manufacturer Part Number	EMC1001-AFZQ-TR
Manufacturer	Microchip Technology
Allelco Part Number	32D-EMC1001-AFZQ-TR
ECAD Model	Request Free CAD Models
Parts Description	SENSOR DIGITAL -25C-125C SOT6
Package	SOT-23-6
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

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EMC1001-AFZQ-TR - Microchip Technology. New Original in Stock. Download Linear Technology EMC1001-AFZQ-TR datasheet/specifications on AllelcoElec.com. Request a quote for EMC1001-AFZQ-TR, please send us email: info@allelco.com

Specifications

EMC1001-AFZQ-TR Tech Specifications
EMC1001-AFZQ-TR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package / Case	SOT-23-6
Voltage - Supply	3V ~ 3.6V	Package	Tape & Reel (TR)
Test Condition	40°C ~ 85°C (-25°C ~ 125°C)	Output Type	SMBus
Supplier Device Package	SOT-6	Operating Temperature	-25°C ~ 125°C
Series	-	Mounting Type	Surface Mount
Sensor Type	Digital, Local	Features	Output Switch, Programmable Limit, Standby Mode
Sensing Temperature - Remote	-	Base Product Number	EMC1001
Sensing Temperature - Local	-25°C ~ 125°C	Accuracy - Highest (Lowest)	±1.5°C (±3°C)
Resolution	10 b		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology EMC1001-AFZQ-TR

Product Attribute				
Part Number	EMC1001-AFZQ-TR	EMC1053-1-ACZL-TR	EMC1043-4-ACZL-TR	EMC1043-3-ACZL-TR
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Resolution	10 b	11 b	11 b	11 b
Base Product Number	EMC1001	EMC1053	EMC1043	EMC1043
Voltage - Supply	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Sensing Temperature - Remote	-	-64°C ~ 191°C	-64°C ~ 191°C	-64°C ~ 191°C
Package / Case	SOT-23-6	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Features	Output Switch, Programmable Limit, Standby Mode	One-Shot, Output Switch, Standby Mode	One-Shot, Standby Mode	One-Shot, Standby Mode
Accuracy - Highest (Lowest)	±1.5°C (±3°C)	±1.5°C (±3°C)	±1.5°C (±3°C)	±1.5°C (±3°C)
Supplier Device Package	SOT-6	8-MSOP	8-MSOP	8-MSOP
Sensing Temperature - Local	-25°C ~ 125°C	-20°C ~ 85°C	-20°C ~ 85°C	-20°C ~ 85°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Sensor Type	Digital, Local	Digital, Local/Remote	Digital, Local/Remote	Digital, Local/Remote
Output Type	SMBus	SMBus	SMBus	SMBus
Series	-	-	-	-
Operating Temperature	-25°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Test Condition	40°C ~ 85°C (-25°C ~ 125°C)	0°C ~ 85°C (-20°C ~ 85°C)	0°C ~ 85°C (-20°C ~ 85°C)	0°C ~ 85°C (-20°C ~ 85°C)

EMC1001-AFZQ-TR Datasheet PDF

Download EMC1001-AFZQ-TR pdf datasheets and Microchip Technology documentation for EMC1001-AFZQ-TR - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

[Label and Packing Changes 23/Sep/2015.pdf](#)



















[MBB/Label Chgs 16/Nov/2018.pdf](#)

PCN Obsolescence/ EOL

[Cylindrical Battery Holders.pdf](#)

Customers Also Interested in

Recommended Products

					
EMC1053-1-ACZL-TR Microchip Technology SENSOR DIGITAL -20C-85C 8MSOP	EMC1043-4-ACZL-TR Microchip Technology SENSOR DIGITAL -20C-85C 8MSOP	EMC1043-3-ACZL-TR Microchip Technology SENSOR DIGITAL -20C-85C 8MSOP	EMC1023-1-ACZL-TR SMSC	EMC1043-1-ACZL-TR Microchip Technology SENSOR DIGITAL -20C-85C 8MSOP	EMC1047-1-AIZL-TR Microchip Technology SENSOR DIGITAL -40C-125C 10TSSOP
					
EMC1043-5-ACZL-TR Microchip Technology SENSOR DIGITAL -20C-85C 8MSOP	EMC1053-2-ACZL-TR Microchip Technology SENSOR DIGITAL -20C-85C 8MSOP	EMC1053-4-ACZL-TR Microchip Technology SENSOR DIGITAL -20C-85C 8MSOP	EMC1046-6-AIZL-TR Microchip Technology SENSOR DIGITAL -40C-125C 10TSSOP	EMC1047-2-AIZL-TR Microchip Technology SENSOR DIGITAL -40C-125C 10TSSOP	EMC1063-1-ACZL-TR Microchip Technology SENSOR DIGITAL -20C-85C 8MSOP
					
EMC1023-1-ACZB-TR SMSC TRIPLE TEMPERATURE SENSOR	EMC1043-2-ACZL-TR Microchip Technology SENSOR DIGITAL -20C-85C 8MSOP	EMC1043 SMSC	EMC1001-1-AFZQ-TR Microchip Technology SENSOR DIGITAL -25C-125C SOT6	EMC1046-1-AIZL-TR Microchip Technology SENSOR DIGITAL -40C-125C 10TSSOP	EMC1053-3-ACZL-TR Microchip Technology SENSOR DIGITAL -20C-85C 8MSOP

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.

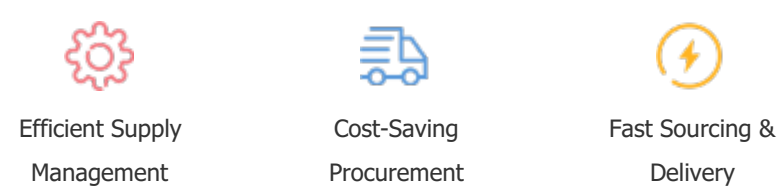
Payment Support

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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