

Image may be representation.
See specifications for product details.



AT30TS75A-XM8M-T

Manufacturer Part Number	AT30TS75A-XM8M-T
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT30TS75A-XM8M-T
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	SENSOR DIGITAL -55C-125C 8MSOP
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AT30TS75A-XM8M-T - Microchip Technology. New Original in Stock. Download Linear Technology AT30TS75A-XM8M-T datasheet/specifications on AllelcoElec.com. Request a quote for AT30TS75A-XM8M-T, please send us email: info@allelco.com

Specifications

AT30TS75A-XM8M-T Tech Specifications
AT30TS75A-XM8M-T - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Voltage - Supply	1.7V ~ 5.5V	Package	Tape & Reel (TR)
Test Condition	0°C ~ 85°C (-40°C ~ 120°C)	Output Type	I ² C/SMBus
Supplier Device Package	8-TSSOP/MSOP	Operating Temperature	-55°C ~ 125°C
Series	-	Mounting Type	Surface Mount
Sensor Type	Digital, Local	Features	One-Shot, Output Switch, Programmable Limit, Programmable Resolution, Shutdown Mode
Sensing Temperature - Remote	-	Base Product Number	AT30TS75
Sensing Temperature - Local	-55°C ~ 125°C	Accuracy - Highest (Lowest)	±1°C (±3°C)
Resolution	11 b		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT30TS75A-XM8M-T

Product Attribute				
Part Number	AT30TS75A-XM8M-T	AT30TS750-SS8-T	AT30TS75A-MA8M-T	AT30TS75A-SS8M-T
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Sensor Type	Digital, Local	Digital, Local	Digital, Local	Digital, Local
Test Condition	0°C ~ 85°C (-40°C ~ 120°C)	0°C ~ 85°C (-40°C ~ 125°C)	0°C ~ 85°C (-40°C ~ 120°C)	0°C ~ 85°C (-40°C ~ 120°C)
Supplier Device Package	8-TSSOP/MSOP	8-SOIC	8-UDFN (2x3)	8-SOIC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Sensing Temperature - Remote	-	-	-	-
Resolution	11 b	11 b	11 b	11 b
Accuracy - Highest (Lowest)	±1°C (±3°C)	±1°C (±3°C)	±1°C (±3°C)	±1°C (±3°C)
Output Type	I ² C/SMBus	I ² C/SMBus	I ² C/SMBus	I ² C/SMBus
Base Product Number	AT30TS75	-	AT30TS75	AT30TS75
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)	8-UDFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)
Voltage - Supply	1.7V ~ 5.5V	2.7V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V
Operating Temperature	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C
Series	-	-	-	-
Features	One-Shot, Output Switch, Programmable Limit, Programmable Resolution, Shutdown Mode	One-Shot, Output Switch, Programmable Limit, Programmable Resolution, Shutdown Mode	One-Shot, Output Switch, Programmable Limit, Programmable Resolution, Shutdown Mode	One-Shot, Output Switch, Programmable Limit, Programmable Resolution, Shutdown Mode
Sensing Temperature - Local	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C

AT30TS75A-XM8M-T Datasheet PDF

Download AT30TS75A-XM8M-T pdf datasheets and Microchip Technology documentation for AT30TS75A-XM8M-T - Microchip Technology.

Datasheets

Cylindrical Battery Holders.pdf

PCN Packaging

MBB/Label Chgs 16/Nov/2018.pdf

Transfer to Microchip/Label/Pkg 5/Sep/2016.pdf

PCN Design/Specification



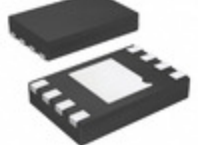




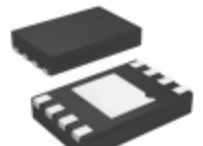








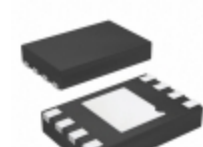

Cylindrical Battery Holders.pdf

PCN Assembly/Origin

2.73KHz.pdf

Customers Also Interested in

Recommended Products

					
AT30TS750-SS8-T Microchip Technology SENSOR DIGITAL -55C-125C 8SOIC	AT30TS750A-XM8M Atmel (Microchip Technology)	AT30TS75A-MA8M-T Microchip Technology SENSOR DIGITAL -55C-125C 8UDFN	AT30TS75A-SS8M-T Microchip Technology SENSOR DIGITAL -55C-125C 8SOIC	AT30TS750A-XM8M-T Microchip Technology SENSOR DIGITAL -55C-125C 8MSOP	AT30TS750A-SS8M-B Microchip Technology SENSOR DIGITAL -55C-125C 8SOIC
					
AT30TSE752-SS8-T Microchip Technology SENSOR DIGITAL -55C-125C 8SOIC	AT30TSE004A-MAA5M-T Microchip Technology SENSOR DIGITAL -20C-125C 8WDFN	AT30TSE752A-SS8M-B Microchip Technology SENSOR DIGITAL -55C-125C 8SOIC	AT30TS750A-SS8M-T Microchip Technology SENSOR DIGITAL -55C-125C 8SOIC	AT30TSE752-XM8-B Atmel SERIAL SWITCH/DIGITAL SENSOR	AT30TSE752-SS8-B Microchip Technology SENSOR DIGITAL -55C-125C 8SOIC
					
AT30TSE752A-XM8M-T Microchip Technology SENSOR DIGITAL -55C-125C 8MSOP	AT30TS750A-SS8M-B Atmel AT30TS750 - SERIAL SWITCH/DIGITAL	AT30TS750-SS8-B Microchip Technology SENSOR DIGITAL -55C-125C 8SOIC	AT30TSE752-XM8-B Microchip Technology SENSOR DIGITAL -55C-125C 8TSSOP	AT30TSE002B-MAH-T Microchip Technology SENSOR DIGITAL -20C-125C 8WDFN	AT30TSE752A-SS8M-T Microchip Technology SENSOR DIGITAL -55C-125C 8SOIC

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,

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