

Image may be representation.
See specifications for product details.



ATTINY4-TSHR

Manufacturer Part Number	ATTINY4-TSHR
Manufacturer	Microchip Technology
Allelco Part Number	32D-ATTINY4-TSHR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 512B FLASH SOT23-6
Package	SOT-23-6
Data sheet	ATTINY4,5,9,10 Datasheet.pdf ATTINY4,5,9,10 Summary.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ATTINY4-TSHR - Microchip Technology. New Original in Stock. Download Linear Technology ATTINY4-TSHR datasheet/specifications on AllelcoElec.com. Request a quote for ATTINY4-TSHR, please send us email: info@allelco.com

Specifications

ATTINY4-TSHR Tech Specifications

ATTINY4-TSHR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	SOT-23-6	Number of I/O	4
Speed	12MHz	Mounting Type	Surface Mount
Series	AVR® ATtiny	EEPROM Size	-
RAM Size	32 x 8	Data Converters	-
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	512B (256 x 16)	Core Processor	AVR
Peripherals	POR, PWM, WDT	Connectivity	-
Package / Case	SOT-23-6	Base Product Number	ATTINY4
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATTINY4-TSHR

Product Attribute				
Part Number	ATTINY4-TSHR	ATTINY3217-MFR	ATTINY40-SU	ATTINY3217-MNR
Manufacturer	Microchip Technology	Microchip Technology	Atmel	Microchip Technology
Program Memory Size	512B (256 x 16)	32KB (32K x 8)	4KB (2K x 16)	32KB (32K x 8)
Core Processor	AVR	AVR	AVR	AVR
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Supplier Device Package	SOT-23-6	24-VQFN (4x4)	20-SOIC	24-VQFN (4x4)
Oscillator Type	Internal	Internal	Internal	Internal
EEPROM Size	-	256 x 8	-	256 x 8
RAM Size	32 x 8	2K x 8	256 x 8	2K x 8
Base Product Number	ATTINY4	ATTINY3217	ATTINY40	ATTINY3217
Data Converters	-	A/D 24x10b; D/A 3x8b	A/D 12x10b	A/D 24x10b; D/A 3x8b
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Package / Case	SOT-23-6	24-VFQFN Exposed Pad	20-SOIC (0.295", 7.50mm Width)	24-VFQFN Exposed Pad
Number of I/O	4	22	18	22
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 105°C (TA)
Series	AVR® ATtiny	tinyAVR™ 1, Functional Safety (FuSa)	AVR® ATtiny	tinyAVR™ 1, Functional Safety (FuSa)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Tape & Reel (TR)
Speed	12MHz	16MHz	12MHz	20MHz
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	2.7V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Peripherals	POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT
Connectivity	-	I ² C, IrDA, LINbus, SPI, UART/USART	I ² C, SPI	I ² C, IrDA, LINbus, SPI, UART/USART

ATTINY4-TSHR Datasheet PDF

Download ATTINY4-TSHR pdf datasheets and Microchip Technology documentation for ATTINY4-TSHR - Microchip Technology.

Datasheets

[ATTINY4,5,9,10 Datasheet.pdf](#)

[ATTINY4,5,9,10 Summary.pdf](#)

PCN Packaging

[Transfer to Microchip/Label/Pkg 5/Sep/2016.pdf](#)

[Boxes 07/Dec/2016.pdf](#)

PCN Design/Specification



Marking Chgs 11/Jul/2017.pdf



ATTiny4/5/9/10 31/Aug/2018.pdf

PCN Assembly/Origin



Fab Site 28/Jan/2021.pdf

PCN Obsolescence/ EOL



EOL 05/Dec/2016.pdf

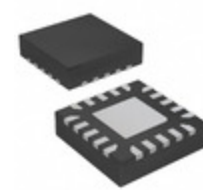
Customers Also Interested in

Recommended Products



ATTINY3217-MFR

Microchip Technology
IC MCU 8BIT 32KB FLASH 24VQFN



ATTINY40-SU

Atmel
IC MCU 8BIT 4KB FLASH 20SOIC

ATTINY3217-MNR

Microchip Technology
IC MCU 8BIT 32KB FLASH 24VQFN

ATTINY40-MMH

Microchip Technology
IC MCU 8BIT 4KB FLASH 20VQFN



ATTINY3227-MU

Microchip Technology
IC MCU 8BIT 32KB FLASH 24VQFN

ATTINY4-TS8R

Microchip Technology
IC MCU 8BIT 512B FLASH SOT23-6



ATTINY40-SU

Microchip Technology
IC MCU 8BIT 4KB FLASH 20SOIC



ATTINY3217-MF

Microchip Technology
IC MCU 8BIT 32KB FLASH 24VQFN



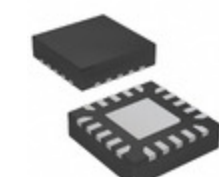
ATTINY402-SSNR

Microchip Technology
IC MCU 8BIT 4KB FLASH 8SOIC



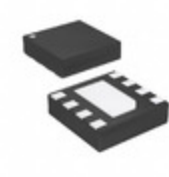
ATTINY402-SSFR

Microchip Technology
IC MCU 8BIT 4KB FLASH 8SOIC



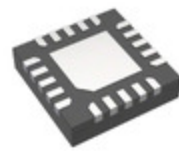
ATTINY40-MMHR

Microchip Technology
IC MCU 8BIT 4KB FLASH 20VQFN



ATTINY4-MAHR

Microchip Technology
IC MCU 8BIT 512B FLASH 8UDFN



ATTINY3227-MF

Microchip Technology
IC MCU 8BIT 32KB FLASH 24VQFN



ATTINY3226-MF

Microchip Technology
IC MCU 8BIT 32KB FLASH 20VQFN



ATTINY402-SSN

Microchip Technology
IC MCU 8BIT 4KB FLASH 8SOIC



ATTINY40-XUR

Microchip Technology
IC MCU 8BIT 4KB FLASH 20TSSOP



ATTINY3217-MN

Microchip Technology
IC MCU 8BIT 32KB FLASH 24VQFN



ATTINY402-SSF

Microchip Technology
IC MCU 8BIT 4KB FLASH 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 Alleco 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

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Certifications & Memberships



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