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See specifications for product details.



ATTINY85-15SZ

Manufacturer Part Number	ATTINY85-15SZ
Manufacturer	Microchip Technology
Allelco Part Number	32D-ATTINY85-15SZ
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 8KB FLASH 8SOIC
Package	8-SOIC (0.209", 5.30mm Width)
Data sheet	ATTINY25/45/85 Auto.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ATTINY85-15SZ - Microchip Technology. New Original in Stock. Download Linear Technology ATTINY85-15SZ datasheet/specifications on AllelcoElec.com. Request a quote for ATTINY85-15SZ, please send us email: info@allelco.com

Specifications

ATTINY85-15SZ Tech Specifications

ATTINY85-15SZ - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	8-SOIC	Number of I/O	6
Speed	16MHz	Mounting Type	Surface Mount
Series	Automotive, AEC-Q100, AVR® ATtiny, Functional Safety (FuSa)	EEPROM Size	512 x 8
RAM Size	512 x 8	Data Converters	A/D 4x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	8KB (4K x 16)	Core Processor	AVR
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	USI
Package / Case	8-SOIC (0.209", 5.30mm Width)	Base Product Number	ATTINY85
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATTINY85-15SZ

Product Attribute				
Part Number	ATTINY85-15SZ	ATTINY85-20SU	ATTINY84A-SSU	ATTINY84V-10MU
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Connectivity	USI	USI	USI	USI
Oscillator Type	Internal	Internal	Internal	Internal
Program Memory Size	8KB (4K x 16)	8KB (4K x 16)	8KB (4K x 16)	8KB (4K x 16)
Supplier Device Package	8-SOIC	8-SOIC	14-SOIC	20-QFN-EP (4x4)
Core Processor	AVR	AVR	AVR	AVR
Number of I/O	6	6	12	12
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Package / Case	8-SOIC (0.209", 5.30mm Width)	8-SOIC (0.209", 5.30mm Width)	14-SOIC (0.154", 3.90mm Width)	20-WFQFN Exposed Pad
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT
EEPROM Size	512 x 8	512 x 8	512 x 8	512 x 8
Speed	16MHz	20MHz	20MHz	10MHz
Data Converters	A/D 4x10b	A/D 4x10b	A/D 8x10b	A/D 8x10b
Package	Tape & Reel (TR)	Tube	Tube	Tray
Base Product Number	ATTINY85	ATTINY85	ATTINY84	ATTINY84
Series	Automotive, AEC-Q100, AVR® ATtiny, Functional Safety (FuSa)	AVR® ATtiny, Functional Safety (FuSa)	AVR® ATtiny	AVR® ATtiny
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
RAM Size	512 x 8	512 x 8	512 x 8	512 x 8
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

ATTINY85-15SZ Datasheet PDF

Download ATTINY85-15SZ pdf datasheets and Microchip Technology documentation for ATTINY85-15SZ - Microchip Technology.

Datasheets

ATTINY25/45/85 Auto.pdf

PCN Packaging

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

Tape and Reel Label Update 10/Feb/2015.pdf

PCN Design/Specification

Marking Chgs 11/Jul/2017.pdf

PCN Assembly/Origin

ATTINYXX 14/Nov/2019.pdf

Customers Also Interested in

Recommended Products



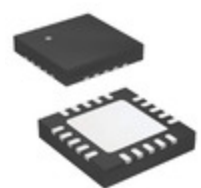
ATTINY85-20SU

Microchip Technology
IC MCU 8BIT 8KB FLASH 8SOIC



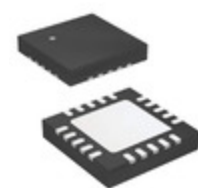
ATTINY84A-SSU

Microchip Technology
IC MCU 8BIT 8KB FLASH 14SOIC



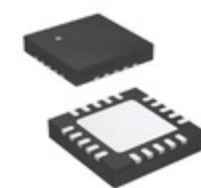
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Microchip Technology
IC MCU 8BIT 8KB FLASH 20QFN



ATTINY84A-MU

Microchip Technology
IC MCU 8BIT 8KB FLASH 20QFN



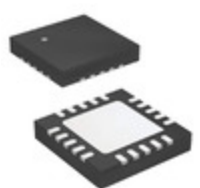
ATTINY861-15MAZ

Microchip Technology
IC MCU 8BIT 8KB FLASH 20QFN



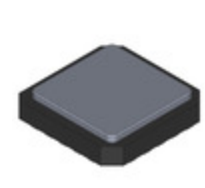
ATTINY85-20SUR

Microchip Technology
IC MCU 8BIT 8KB FLASH 8SOIC



ATTINY84A-MUR

Microchip Technology
IC MCU 8BIT 8KB FLASH 20QFN



ATTINY84V-10MU

Atmel
IC MCU 8BIT 8KB FLASH 20QFN



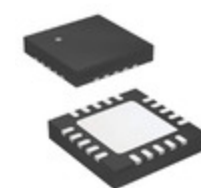
ATTINY84A-SSUR

Microchip Technology
IC MCU 8BIT 8KB FLASH 14SOIC



ATTINY85V-10SU

Microchip Technology
IC MCU 8BIT 8KB FLASH 8SOIC



ATTINY85-20MU

Microchip Technology
IC MCU 8BIT 8KB FLASH 20QFN



ATTINY85-20SUR

Atmel
IC MCU 8BIT 8KB FLASH 8SOIC



ATTINY85-15ST1

Microchip Technology
IC MCU 8BIT 8KB FLASH 8SOIC



ATTINY84A-SSFR

Microchip Technology
IC MCU 8BIT 8KB FLASH 14SOIC



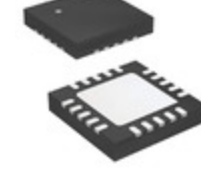
ATTINY84A-SSF

Microchip Technology
IC MCU 8BIT 8KB FLASH 14SOIC



ATTINY85V-10SUR

Microchip Technology
IC MCU 8BIT 8KB FLASH 8SOIC



ATTINY85V-10MU

Microchip Technology
IC MCU 8BIT 8KB FLASH 20QFN



ATTINY85-20PU

Microchip Technology
IC MCU 8BIT 8KB FLASH 8DIP

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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