

Image may be representation.  
See specifications for product details.



## ATTINY25-20SSUR

Manufacturer Part Number	<b>ATTINY25-20SSUR</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-ATTINY25-20SSUR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 2KB FLASH 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<a href="#">ATTINY25,45,85(V) Summary.pdf</a> <a href="#">ATTINY25/45/85(V) Datasheet.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

ATTINY25-20SSUR - Microchip Technology. New Original in Stock. Download Linear Technology ATTINY25-20SSUR datasheet/specifications on AllelcoElec.com.  
Request a quote for ATTINY25-20SSUR, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

ATTINY25-20SSUR Tech Specifications  
ATTINY25-20SSUR - 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 ~ 85°C (TA)
Supplier Device Package	8-SOIC	Number of I/O	6
Speed	20MHz	Mounting Type	Surface Mount
Series	AVR® ATtiny, Functional Safety (FuSa)	EEPROM Size	128 x 8
RAM Size	128 x 8	Data Converters	A/D 4x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	2KB (1K x 16)	Core Processor	AVR
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	USI
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	ATTINY25
Package	Tape & Reel (TR)		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATTINY25-20SSUR

Product Attribute				
Part Number	ATTINY25-20SSUR	ATTINY25-20SU	ATTINY25-20SSNR	ATTINY25-20PU
Manufacturer	Microchip Technology	Atmel	Atmel	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Data Converters	A/D 4x10b	A/D 4x10b	A/D 4x10b	A/D 4x10b
Series	AVR® ATtiny, Functional Safety (FuSa)	AVR® ATtiny, Functional Safety (FuSa)	AVR® ATtiny, Functional Safety (FuSa)	AVR® ATtiny, Functional Safety (FuSa)
Connectivity	USI	USI	USI	USI
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-PDIP
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Oscillator Type	Internal	Internal	Internal	Internal
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 85°C (TA)
Core Processor	AVR	AVR	AVR	AVR
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.209", 5.30mm Width)	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)
Base Product Number	ATTINY25	ATTINY25	ATTINY25	ATTINY25
Number of I/O	6	6	6	6
RAM Size	128 x 8	128 x 8	128 x 8	128 x 8
Speed	20MHz	20MHz	20MHz	20MHz
EEPROM Size	128 x 8	128 x 8	128 x 8	128 x 8
Package	Tape & Reel (TR)	Bulk	Bulk	Tube
Program Memory Size	2KB (1K x 16)	2KB (1K x 16)	2KB (1K x 16)	2KB (1K x 16)

## ATTINY25-20SSUR Datasheet PDF

Download ATTINY25-20SSUR pdf datasheets and Microchip Technology documentation for ATTINY25-20SSUR - Microchip Technology.

### Datasheets

[ATTINY25,45,85\(V\) Summary.pdf](#)

[ATTINY25/45/85\(V\) Datasheet.pdf](#)

### PCN Packaging

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

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

## PCN Design/Specification



Marking Chgs 11/Jul/2017.pdf



Copper Bonding Wire 17/Oct/2013.pdf

## PCN Assembly/Origin



Fab Site 01/Mar/2022.pdf

## Customers Also Interested in

### Recommended Products



**ATTINY25-20SU**

Atmel  
IC MCU 8BIT 2KB FLASH 8SOIC



**ATTINY25-20SSNR**

Atmel  
IC MCU 8BIT 2KB FLASH 8SOIC



**ATTINY25-20PU**

Microchip Technology  
IC MCU 8BIT 2KB FLASH 8DIP



**ATTINY25-20SSU**

Microchip Technology  
IC MCU 8BIT 2KB FLASH 8SOIC



**ATTINY25V-10SNR**

Atmel  
IC MCU 8BIT 2KB FLASH 8SOIC



**ATTINY25-20SSN**

Atmel  
IC MCU 8BIT 2KB FLASH 8SOIC



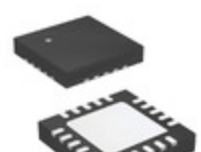
**ATTINY25V-10SNR**

Microchip Technology  
IC MCU 8BIT 2KB FLASH 8SOIC



**ATTINY25-20SSNR**

Microchip Technology  
IC MCU 8BIT 2KB FLASH 8SOIC



**ATTINY25V-10MU**

Microchip Technology  
IC MCU 8BIT 2KB FLASH 20QFN



**ATTINY25V-10PU**

Microchip Technology  
IC MCU 8BIT 2KB FLASH 8DIP



**ATTINY25-20SSN**

Microchip Technology  
IC MCU 8BIT 2KB FLASH 8SOIC



**ATTINY25V-10SSH**

Microchip Technology  
IC MCU 8BIT 2KB FLASH 8SOIC



**ATTINY25V-10SSU**

Microchip Technology  
IC MCU 8BIT 2KB FLASH 8SOIC



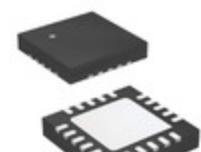
**ATTINY25-20SU**

Microchip Technology  
IC MCU 8BIT 2KB FLASH 8SOIC



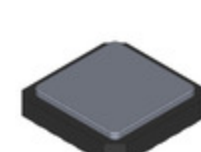
**ATTINY25-20SN**

Microchip Technology  
IC MCU 8BIT 2KB FLASH 8SOIC



**ATTINY25-20MUR**

Microchip Technology  
IC MCU 8BIT 2KB FLASH 20QFN



**ATTINY25-20MU**

Atmel  
IC MCU 8BIT 2KB FLASH 20QFN



**ATTINY25GAL-15MZ**

Microchip Technology  
IC MCU 8BIT AUTO 20QFN



## 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

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Email

info@allelco.com

## Certifications & Memberships



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