



Image may be representation.  
See specifications for product details.



## ATTINY13-20SI

Manufacturer Part Number	<b>ATTINY13-20SI</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-ATTINY13-20SI
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 1KB FLASH 8SOIC
Package	8-SOIC (0.209", 5.30mm Width)
Data sheet	<b>ATTINY13(V) Datasheet.pdf</b> <b>ATTINY13(V) Summary.pdf</b>

**Get a Quote**

ATTINY13-20SI - Microchip Technology. New Original in Stock. Download Linear Technology ATTINY13-20SI datasheet/specifications on AllelcoElec.com. Request a quote for ATTINY13-20SI, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ATTINY13-20SI Tech Specifications  
ATTINY13-20SI - 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	EEPROM Size	64 x 8
RAM Size	64 x 8	Data Converters	A/D 4x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	1KB (512 x 16)	Core Processor	AVR
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	-
Package / Case	8-SOIC (0.209", 5.30mm Width)	Base Product Number	ATTINY13
Package	Tube		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATTINY13-20SI

Product Attribute				
Part Number	ATTINY13-20SI	<b>ATTINY12V-1SI</b>	<b>ATTINY13-20SU</b>	<b>ATTINY13-20MU</b>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Data Converters	A/D 4x10b	-	A/D 4x10b	A/D 4x10b
Connectivity	-	-	-	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Series	AVR® ATTiny	AVR® ATTiny	AVR® ATTiny	AVR® ATTiny
Oscillator Type	Internal	Internal	Internal	Internal
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Number of I/O	6	6	6	6
RAM Size	64 x 8	-	64 x 8	64 x 8
Program Memory Size	1KB (512 x 16)	1KB (512 x 16)	1KB (512 x 16)	1KB (512 x 16)
Package / Case	8-SOIC (0.209", 5.30mm Width)	8-SOIC (0.209", 5.30mm Width)	8-SOIC (0.209", 5.30mm Width)	20-WFQFN Exposed Pad
Speed	20MHz	1.2MHz	20MHz	20MHz
Package	Tube	Tube	Tube	Tray
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	ATTINY13	ATTINY12	ATTINY13	ATTINY13
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	20-QFN-EP (4x4)
EEPROM Size	64 x 8	64 x 8	64 x 8	64 x 8
Core Processor	AVR	AVR	AVR	AVR
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	1.8V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	POR, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT

### ATTINY13-20SI Datasheet PDF

Download ATTINY13-20SI pdf datasheets and Microchip Technology documentation for ATTINY13-20SI - Microchip Technology.

#### Datasheets

[ATTINY13\(V\) Datasheet.pdf](#)














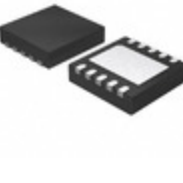




[ATTINY13\(V\) Summary.pdf](#)

#### PCN Packaging

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

## Customers Also Interested in

### Recommended Products

					
<b>ATTINY12V-1SI</b> Microchip Technology IC MCU 8BIT 1KB FLASH 8SOIC	<b>ATTINY13-20SU</b> Microchip Technology IC MCU 8BIT 1KB FLASH 8SOIC	<b>ATTINY13-20MU</b> Microchip Technology IC MCU 8BIT 1KB FLASH 20QFN	<b>ATTINY12V-1SU</b> Microchip Technology IC MCU 8BIT 1KB FLASH 8SOIC	<b>ATTINY13-20SUR</b> Microchip Technology IC MCU 8BIT 1KB FLASH 8SOIC	<b>ATTINY13-20PU</b> Microchip Technology IC MCU 8BIT 1KB FLASH 8DIP
					
<b>ATTINY13-20SSU</b> Atmel IC MCU 8BIT 1KB FLASH 8SOIC	<b>ATTINY12V-1SI</b> Atmel IC MCU 8BIT 1KB FLASH 8SOIC	<b>ATTINY12V-1SC</b> Microchip Technology IC MCU 8BIT 1KB FLASH 8SOIC	<b>ATTINY12V-1SU</b> Atmel IC MCU 8BIT 1KB FLASH 8SOIC	<b>ATTINY12V</b> Atmel (Microchip Technology)	<b>ATTINY12L-QS013</b> Atmel (Microchip Technology)
					
<b>ATTINY13-20SSU</b> Microchip Technology IC MCU 8BIT 1KB FLASH 8SOIC	<b>ATTINY13A-MMU</b> Microchip Technology IC MCU 8BIT 1KB FLASH 10MLP	<b>ATTINY13-20SQ</b> Atmel IC MCU 8BIT 1KB FLASH 8SOIC	<b>ATTINY12L-4SU</b> Atmel IC MCU 8BIT 1KB FLASH 8SOIC	<b>ATTINY13-20SQ</b> Microchip Technology IC MCU 8BIT 1KB FLASH 8SOIC	<b>ATTINY13-20SSUR</b> Microchip Technology IC MCU 8BIT 1KB 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 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

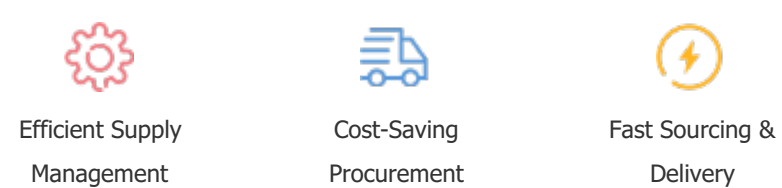
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### 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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