



Image may be representation.
See specifications for product details.



ATTINY13-20SQ

Manufacturer Part Number	ATTINY13-20SQ
Manufacturer	Microchip Technology
Allelco Part Number	32D-ATTINY13-20SQ
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 1KB FLASH 8SOIC
Package	8-SOIC (0.209", 5.30mm Width)
Data sheet	ATTINY13(V) Datasheet.pdf ATTINY13(V) Summary.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

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

Specifications

ATTINY13-20SQ Tech Specifications

ATTINY13-20SQ - 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 ~ 105°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 ATTINY13-20SQ

Product Attribute				
Part Number	ATTINY13-20SQ	ATTINY13A-MMUR	ATTINY12V-1SI	ATTINY13-20SSU
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Atmel
Oscillator Type	Internal	Internal	Internal	Internal
Package	Tube	Tape & Reel (TR)	Tube	Bulk
Operating Temperature	-40°C ~ 105°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
Supplier Device Package	8-SOIC	10-MLP (3x3)	8-SOIC	8-SOIC
Speed	20MHz	20MHz	1.2MHz	20MHz
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Connectivity	-	-	-	-
Number of I/O	6	6	6	6
EEPROM Size	64 x 8	64 x 8	64 x 8	64 x 8
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	2.7V ~ 5.5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Data Converters	A/D 4x10b	A/D 4x10b	-	A/D 4x10b
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	POR, WDT	Brown-out Detect/Reset, POR, PWM, WDT
RAM Size	64 x 8	64 x 8	-	64 x 8
Base Product Number	ATTINY13	ATTINY13	ATTINY12	ATTINY13
Core Processor	AVR	AVR	AVR	AVR
Program Memory Type	FLASH	FLASH	FLASH	FLASH
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)	10-VFDFN Exposed Pad	8-SOIC (0.209", 5.30mm Width)	8-SOIC (0.154", 3.90mm Width)

ATTINY13-20SQ Datasheet PDF

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

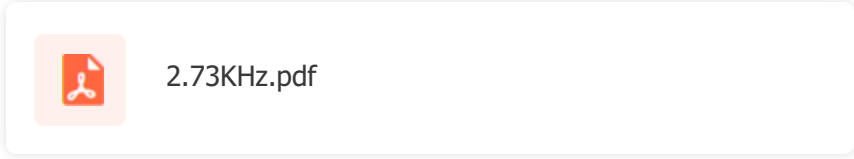
PCN Packaging

MBB/Label Chgs 16/Nov/2018.pdf

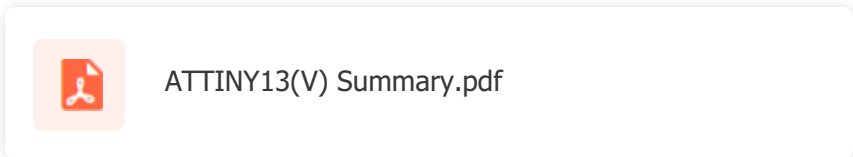
Transfer to Microchip/Label/Pkg 5/Sep/2016.pdf

PCN Design/Specification

Cylindrical Battery Holders.pdf



HTML Datasheet



Customers Also Interested in

Recommended Products

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

Efficient Supply Management	Cost-Saving Procurement	Fast Sourcing & Delivery
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Contact us if you have any questions.

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Certifications & Memberships



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