

Image may be representation.  
See specifications for product details.



## ATTINY84-20MU

Manufacturer Part Number	<b>ATTINY84-20MU</b>
Manufacturer	<b>Atmel</b>
Allelco Part Number	32D-ATTINY84-20MU
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	<b>IC MCU 8BIT 8KB FLASH 20QFN</b>
Package	<b>20-WFQFN Exposed Pad</b>
Data sheet	ATTINY84-20MU.pdf

**Get a Quote**

ATTINY84-20MU - Atmel.New Original in Stock. Download Linear Technology ATTINY84-20MU datasheet/specifications on AllelcoElec.com.  
Request a quote for ATTINY84-20MU, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ATTINY84-20MU Tech Specifications  
ATTINY84-20MU - Atmel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Atmel	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	20-QFN-EP (4x4)	Number of I/O	12
Speed	20MHz	Mounting Type	Surface Mount
Series	AVR® ATtiny	EEPROM Size	512 x 8
RAM Size	512 x 8	Data Converters	A/D 8x10b
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, Temp Sensor, WDT	Connectivity	USI
Package / Case	20-WFQFN Exposed Pad	Base Product Number	ATTINY84
Package	Bulk		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Atmel ATTINY84-20MU

Product Attribute				
Part Number	ATTINY84-20MU	<b>ATTINY826-XU</b>	<b>ATTINY841-SSU</b>	<b>ATTINY826-XFR</b>
Manufacturer	Atmel	Microchip Technology	Microchip Technology	Microchip Technology
EEPROM Size	512 x 8	128 x 8	512 x 8	128 x 8
Connectivity	USI	I <sup>2</sup> C, SPI, UART/USART	I <sup>2</sup> C, SPI, UART/USART	I <sup>2</sup> C, SPI, UART/USART
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Processor	AVR	AVR	AVR	AVR
Speed	20MHz	20MHz	16MHz	20MHz
Series	AVR® ATtiny	tinyAVR® 2	AVR® ATtiny	tinyAVR® 2
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	1.8V ~ 5.5V	1.7V ~ 5.5V	1.8V ~ 5.5V
Package	Bulk	Tube	Tube	Tape & Reel (TR)
Data Converters	A/D 8x10b	A/D 15x12b	A/D 12x10b	A/D 15x12b
Base Product Number	ATTINY84	ATTINY826	ATTINY841	ATTINY826
Package / Case	20-WFQFN Exposed Pad	20-SSOP (0.209", 5.30mm Width)	14-SOIC (0.154", 3.90mm Width)	20-SSOP (0.209", 5.30mm Width)
Supplier Device Package	20-QFN-EP (4x4)	20-SSOP	14-SOIC	20-SSOP
RAM Size	512 x 8	1K x 8	512 x 8	1K x 8
Program Memory Size	8KB (4K x 16)	8KB (8K x 8)	8KB (8K x 8)	8KB (8K x 8)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Brown-out Detect/Reset, POR, PWM, WDT	PWM	Brown-out Detect/Reset, POR, PWM, WDT
Number of I/O	12	18	12	18
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Oscillator Type	Internal	Internal	Internal	Internal

### Customers Also Interested in

#### Recommended Products



**ATTINY826-XU**

Microchip Technology  
IC MCU 8BIT 8KB FLASH 20SSOP



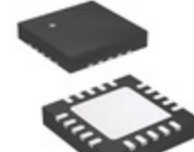
**ATTINY841-SSU**

Microchip Technology  
IC MCU 8BIT 8KB FLASH 14SOIC



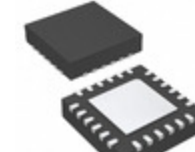
**ATTINY826-XFR**

Microchip Technology  
IC MCU 8BIT 8KB FLASH 20SSOP



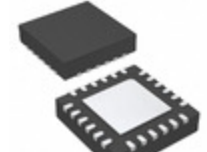
**ATTINY841-MU**

Microchip Technology  
IC MCU 8BIT 8KB FLASH 20QFN



**ATTINY817-MNR**

Microchip Technology  
IC MCU 8BIT 8KB FLASH 24QFN



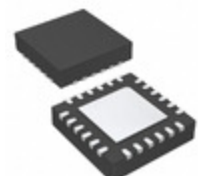
**ATTINY817-MN**

Microchip Technology  
IC MCU 8BIT 8KB FLASH 24QFN



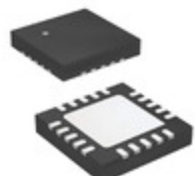
### ATTINY828-AU

Microchip Technology  
IC MCU 8BIT 8KB FLASH 32TQFP



### ATTINY817-MFR

Microchip Technology  
IC MCU 8BIT 8KB FLASH 24QFN



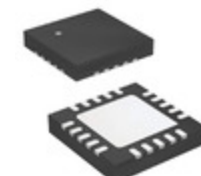
### ATTINY84A-MF

Microchip Technology  
IC MCU 8BIT 8KB FLASH 20QFN



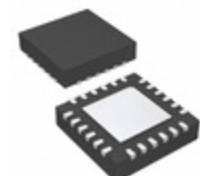
### ATTINY84A

Atmel (Microchip Technology)



### ATTINY84-20MU

Microchip Technology  
IC MCU 8BIT 8KB FLASH 20QFN



### ATTINY817-MF

Microchip Technology  
IC MCU 8BIT 8KB FLASH 24QFN



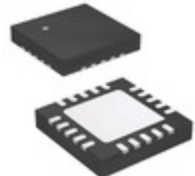
### ATTINY84A-MMHR

Atmel  
IC MCU 8BIT 8KB FLASH 20VQFN



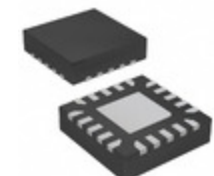
### ATTINY826-XF

Microchip Technology  
IC MCU 8BIT 8KB FLASH 20SSOP



### ATTINY84-15MZ

Microchip Technology  
IC MCU 8BIT 8KB FLASH 20QFN



### ATTINY84A-MMHR

Microchip Technology  
IC MCU 8BIT 8KB FLASH 20VQFN



### ATTINY828-MUR

Microchip Technology  
IC MCU 8BIT 8KB FLASH 32VQFN



### ATTINY84-20SSU

Microchip Technology  
IC MCU 8BIT 8KB FLASH 14SOIC

## 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



View More



## Contact us

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