

Image may be representation.  
See specifications for product details.



## ATTINY28L-4PU

Manufacturer Part Number	<b>ATTINY28L-4PU</b>
Manufacturer	<b>Atmel</b>
Allelco Part Number	32D-ATTINY28L-4PU
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 2KB FLASH 28DIP
Package	28-DIP (0.300", 7.62mm)
Data sheet	ATTINY28L-4PU.pdf

**Get a Quote**

ATTINY28L-4PU - Atmel.New Original in Stock. Download Linear Technology ATTINY28L-4PU datasheet/specifications on AllelcoElec.com.  
Request a quote for ATTINY28L-4PU, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

ATTINY28L-4PU Tech Specifications

ATTINY28L-4PU - 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	28-PDIP	Number of I/O	11
Speed	4MHz	Mounting Type	Through Hole
Series	AVR® ATtiny	EEPROM Size	-
RAM Size	-	Data Converters	-
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	2KB (1K x 16)	Core Processor	AVR
Peripherals	POR, WDT	Connectivity	-
Package / Case	28-DIP (0.300", 7.62mm)	Base Product Number	ATTINY28
Package	Bulk		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Atmel ATTINY28L-4PU

Product Attribute				
Part Number	ATTINY28L-4PU	ATTINY3216-SF	ATTINY3226-MF	ATTINY3217-MN
Manufacturer	Atmel	Microchip Technology	Microchip Technology	Microchip Technology
Series	AVR® ATtiny	tinyAVR™ 1, Functional Safety (FuSa)	tinyAVR® 2	tinyAVR™ 1, Functional Safety (FuSa)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 105°C (TA)
Number of I/O	11	18	18	22
Package	Bulk	Tube	Tray	Tray
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Peripherals	POR, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT
Program Memory Size	2KB (1K x 16)	32KB (32K x 8)	32KB (32K x 8)	32KB (32K x 8)
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Core Processor	AVR	AVR	AVR	AVR
Package / Case	28-DIP (0.300", 7.62mm)	20-SOIC (0.295", 7.50mm Width)	20-VQFN Exposed Pad	24-VQFN Exposed Pad
RAM Size	-	2K x 8	3K x 8	2K x 8
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
EEPROM Size	-	256 x 8	256 x 8	256 x 8
Supplier Device Package	28-PDIP	20-SOIC	20-VQFN (3x3)	24-VQFN (4x4)
Base Product Number	ATTINY28	ATTINY3216	ATTINY3226	ATTINY3217
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Connectivity	-	I²C, IrDA, LINbus, SPI, UART/USART	I²C, IrDA, SPI, UART/USART	I²C, IrDA, LINbus, SPI, UART/USART
Oscillator Type	Internal	Internal	Internal	Internal
Data Converters	-	A/D 20x10b; D/A 3x8b	A/D 15x12b	A/D 24x10b; D/A 3x8b
Speed	4MHz	16MHz	20MHz	20MHz

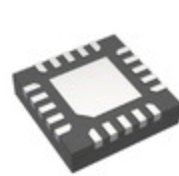
## Customers Also Interested in

### Recommended Products



**ATTINY3216-SF**

Microchip Technology  
IC MCU 8BIT 32KB FLASH 20SOIC



**ATTINY3226-MF**

Microchip Technology  
IC MCU 8BIT 32KB FLASH 20VQFN



**ATTINY3217-MN**

Microchip Technology  
IC MCU 8BIT 32KB FLASH 24VQFN



**ATTINY28L-4PC**

Microchip Technology  
IC MCU 8BIT 2KB FLASH 28DIP



**ATTINY28L-4AU**

Microchip Technology  
IC MCU 8BIT 2KB FLASH 32TQFP



**ATTINY28V-1AI**

Microchip Technology  
IC MCU 8BIT 2KB FLASH 32TQFP



### ATTINY28L-4AI

Microchip Technology  
IC MCU 8BIT 2KB FLASH 32TQFP

### ATTINY3217-MF

Microchip Technology  
IC MCU 8BIT 32KB FLASH 24VQFN



### ATTINY26L-8U

Atmel (Microchip Technology)



### ATTINY28L-4MU

Microchip Technology  
IC MCU 8BIT 2KB FLASH 32VQFN



### ATTINY28L-4AUR

Microchip Technology  
IC MCU 8BIT 2KB FLASH 32TQFP



### ATTINY28L-4PU

Microchip Technology  
IC MCU 8BIT 2KB FLASH 28DIP



### ATTINY3217-MFR

Microchip Technology  
IC MCU 8BIT 32KB FLASH 24VQFN



### ATTINY28V-1AU

Microchip Technology  
IC MCU 8BIT 2KB FLASH 32TQFP



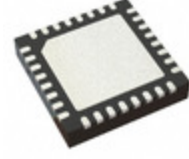
### ATTINY26V-10SU

Atmel (Microchip Technology)



### ATTINY28L-4AC

Microchip Technology  
IC MCU 8BIT 2KB FLASH 32TQFP



### ATTINY28V-1MU

Microchip Technology  
IC MCU 8BIT 2KB FLASH 32VQFN



### ATTINY3217-MNR

Microchip Technology  
IC MCU 8BIT 32KB FLASH 24VQFN

## 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
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## Certifications & Memberships



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