

Image may be representation.
See specifications for product details.



ATTINY828-AU

Manufacturer Part Number	ATTINY828-AU
Manufacturer	Microchip Technology
Allelco Part Number	32D-ATTINY828-AU
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 8KB FLASH 32TQFP
Package	32-TQFP
Data sheet	ATTiny828 Datasheet.pdf ATTiny828 Summary.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ATTINY828-AU - Microchip Technology. New Original in Stock. Download Linear Technology ATTINY828-AU datasheet/specifications on AllelcoElec.com. Request a quote for ATTINY828-AU, please send us email: info@allelco.com

Specifications

ATTINY828-AU Tech Specifications

ATTINY828-AU - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.7V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	32-TQFP (7x7)	Number of I/O	28
Speed	20MHz	Mounting Type	Surface Mount
Series	AVR® ATtiny	EEPROM Size	256 x 8
RAM Size	512 x 8	Data Converters	A/D 28x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	8KB (8K x 8)	Core Processor	AVR
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I ² C, SPI, UART/USART
Package / Case	32-TQFP	Base Product Number	ATTINY828
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATTINY828-AU

Product Attribute				
Part Number	ATTINY828-AU	ATTINY84-15MZ	ATTINY816-SNR	ATTINY828-MUR
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, WDT	Brown-out Detect/Reset, POR, PWM, WDT
RAM Size	512 x 8	512 x 8	512 x 8	512 x 8
Package	Tray	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	32-TQFP (7x7)	20-WQFN (4x4)	20-SOIC	32-VQFN (5x5)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Series	AVR® ATtiny	Automotive, AEC-Q100, AVR® ATtiny	tinyAVR™ 1, Functional Safety (FuSa)	AVR® ATtiny
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 85°C (TA)
Data Converters	A/D 28x10b	A/D 8x10b	A/D 12x10b; D/A 1x8b	A/D 28x10b
Connectivity	I ² C, SPI, UART/USART	USI	I ² C, IrDA, LINbus, SPI, UART/USART	I ² C, SPI, UART/USART
Package / Case	32-TQFP	20-WQFN Exposed Pad	20-SOIC (0.295", 7.50mm Width)	32-VQFN Exposed Pad
Base Product Number	ATTINY828	ATTINY84	ATTINY816	ATTINY828
Voltage - Supply (Vcc/Vdd)	1.7V ~ 5.5V	2.7V ~ 5.5V	1.8V ~ 5.5V	1.7V ~ 5.5V
Oscillator Type	Internal	Internal	Internal	Internal
EEPROM Size	256 x 8	512 x 8	128 x 8	256 x 8
Core Processor	AVR	AVR	AVR	AVR
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Speed	20MHz	16MHz	20MHz	20MHz
Program Memory Size	8KB (8K x 8)	8KB (4K x 16)	8KB (8K x 8)	8KB (8K x 8)
Number of I/O	28	12	18	28

ATTINY828-AU Datasheet PDF

Download ATTINY828-AU pdf datasheets and Microchip Technology documentation for ATTINY828-AU - Microchip Technology.

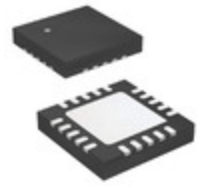
HTML Datasheet

[ATTiny828 Datasheet.pdf](#)

[ATTiny828 Summary.pdf](#)

Customers Also Interested in

Recommended Products



ATTINY84-15MZ

Microchip Technology
IC MCU 8BIT 8KB FLASH 20QFN



ATTINY816-SNR

Microchip Technology
IC MCU 8BIT 8KB FLASH 20SOIC



ATTINY828-MUR

Microchip Technology
IC MCU 8BIT 8KB FLASH 32VQFN



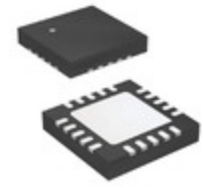
ATTINY841-SSU

Microchip Technology
IC MCU 8BIT 8KB FLASH 14SOIC



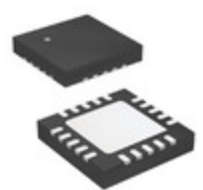
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Microchip Technology
IC MCU 8BIT 8KB FLASH 20SSOP



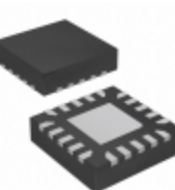
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Microchip Technology
IC MCU 8BIT 8KB FLASH 20QFN



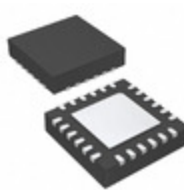
ATTINY84-20MU

Microchip Technology
IC MCU 8BIT 8KB FLASH 20QFN



ATTINY816-MNR

Microchip Technology
IC MCU 8BIT 8KB FLASH 20QFN



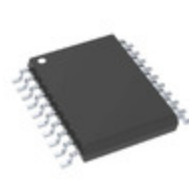
ATTINY817-MFR

Microchip Technology
IC MCU 8BIT 8KB FLASH 24QFN



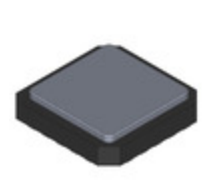
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Microchip Technology
IC MCU 8BIT 8KB FLASH 14SOIC



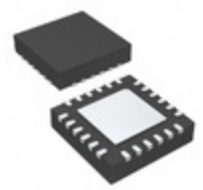
ATTINY826-XF

Microchip Technology
IC MCU 8BIT 8KB FLASH 20SSOP



ATTINY84-20MU

Atmel
IC MCU 8BIT 8KB FLASH 20QFN



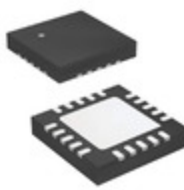
ATTINY817-MF

Microchip Technology
IC MCU 8BIT 8KB FLASH 24QFN



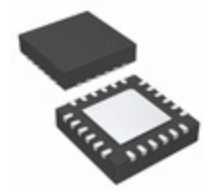
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Microchip Technology
IC MCU 8BIT 8KB FLASH 20SSOP



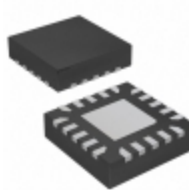
ATTINY841-MU

Microchip Technology
IC MCU 8BIT 8KB FLASH 20QFN



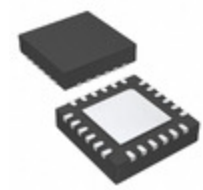
ATTINY817-MNR

Microchip Technology
IC MCU 8BIT 8KB FLASH 24QFN



ATTINY816-MFR

Microchip Technology
IC MCU 8BIT 8KB FLASH 20QFN



ATTINY817-MN

Microchip Technology
IC MCU 8BIT 8KB FLASH 24QFN

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



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