

Image may be representation.
See specifications for product details.



ATTINY461-20PU

Manufacturer Part Number	ATTINY461-20PU
Manufacturer	Microchip Technology
Allelco Part Number	32D-ATTINY461-20PU
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 4KB FLASH 20DIP
Package	20-DIP (0.300", 7.62mm)
Data sheet	ATTiny261/461/861(V) Complete.pdf ATTiny261/461/861(V) Summary.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ATTINY461-20PU - Microchip Technology. New Original in Stock. Download Linear Technology ATTINY461-20PU datasheet/specifications on AllelcoElec.com.
Request a quote for ATTINY461-20PU, please send us email: info@allelco.com

Specifications

ATTINY461-20PU Tech Specifications
ATTINY461-20PU - 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	20-PDIP	Number of I/O	16
Speed	20MHz	Mounting Type	Through Hole
Series	AVR® ATtiny	EEPROM Size	256 x 8
RAM Size	256 x 8	Data Converters	A/D 11x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	4KB (2K x 16)	Core Processor	AVR
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	USI
Package / Case	20-DIP (0.300", 7.62mm)	Base Product Number	ATTINY461
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATTINY461-20PU

Product Attribute				
Part Number	ATTINY461-20PU	ATTINY461-20MU	ATTINY461-15MD	ATTINY461A-SU
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT
Series	AVR® ATtiny	AVR® ATtiny	Automotive, AEC-Q100, AVR® ATtiny	AVR® ATtiny
Oscillator Type	Internal	Internal	Internal	Internal
Supplier Device Package	20-PDIP	32-VQFN (5x5)	32-QFN (5x5)	20-SOIC
Package	Tube	Tray	Tape & Reel (TR)	Tube
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
RAM Size	256 x 8	256 x 8	256 x 8	256 x 8
Data Converters	A/D 11x10b	A/D 11x10b	A/D 11x10b	A/D 11x10b
Base Product Number	ATTINY461	ATTINY461	ATTINY461	ATTINY461
Program Memory Size	4KB (2K x 16)	4KB (2K x 16)	4KB (2K x 16)	4KB (2K x 16)
Connectivity	USI	USI	USI	USI
Package / Case	20-DIP (0.300", 7.62mm)	32-VFQFN Exposed Pad	32-VFQFN Exposed Pad	20-SOIC (0.295", 7.50mm Width)
Core Processor	AVR	AVR	AVR	AVR
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	1.8V ~ 5.5V
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 150°C (TA)	-40°C ~ 85°C (TA)
Speed	20MHz	20MHz	16MHz	20MHz
Number of I/O	16	16	16	16

ATTINY461-20PU Datasheet PDF

Download ATTINY461-20PU pdf datasheets and Microchip Technology documentation for ATTINY461-20PU - Microchip Technology.

PCN Assembly/Origin

2.73KHz.pdf

PCN Packaging

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

Shipping Tube 19/Sep/2018.pdf

PCN Design/Specification



Marking Chgs 11/Jul/2017.pdf



Copper Bonding Wire 23/Jul/2014.pdf

HTML Datasheet



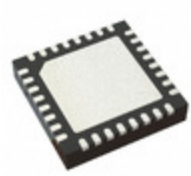
ATTiny261/461/861(V) Complete.pdf



ATTiny261/461/861(V) Summary.pdf

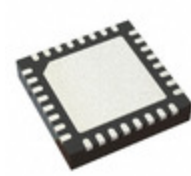
Customers Also Interested in

Recommended Products



ATTINY461-20MU

Microchip Technology
IC MCU 8BIT 4KB FLASH 32VQFN



ATTINY461-15MD

Microchip Technology
IC MCU 8BIT 4KB FLASH 32VQFN



ATTINY461A-SU

Microchip Technology
IC MCU 8BIT 4KB FLASH 20SOIC



ATTINY461-20SU

Atmel
IC MCU 8BIT 4KB FLASH 20SOIC



ATTINY461-20SU

Microchip Technology
IC MCU 8BIT 4KB FLASH 20SOIC



ATTINY45V-10XU

Microchip Technology
IC MCU 8BIT 4KB FLASH 8TSSOP



ATTINY461-20SUR

Microchip Technology
IC MCU 8BIT 4KB FLASH 20SOIC



ATTINY461-20MUR

Microchip Technology
IC MCU 8BIT 4KB FLASH 32VQFN



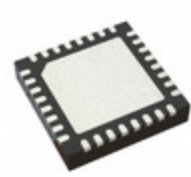
ATTINY461A-MUR

Atmel
IC MCU 8BIT 4KB FLASH 32VQFN



ATTINY461A-SUR

Microchip Technology
IC MCU 8BIT 4KB FLASH 20SOIC



ATTINY461-15MZ

Microchip Technology
IC MCU 8BIT 4KB FLASH 32VQFN



ATTINY461-15SZ

Microchip Technology
IC MCU 8BIT 4KB FLASH 20SOIC



ATTINY461-15XZ

Microchip Technology
IC MCU 8BIT 4KB FLASH 20TSSOP



ATTINY461A-MUR

Microchip Technology
IC MCU 8BIT 4KB FLASH 32VQFN



ATTINY45V-15ST

Microchip Technology
IC MCU 8BIT 4KB FLASH 8SOIC



ATTINY461A-MU

Microchip Technology
IC MCU 8BIT 4KB FLASH 32VQFN



ATTINY461A-MU

Atmel
IC MCU 8BIT 4KB FLASH 32VQFN



ATTINY461-15MAZ

Microchip Technology
IC MCU 8BIT 4KB FLASH 20QFN

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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