



Image may be representation.
See specifications for product details.



ATTINY861V-10SU

| | |
|--------------------------|---|
| Manufacturer Part Number | ATTINY861V-10SU |
| Manufacturer | Microchip Technology |
| Allelco Part Number | 32D-ATTINY861V-10SU |
| ECAD Model | PCB Symbol, Footprint & 3D Model |
| Parts Description | IC MCU 8BIT 8KB FLASH 20SOIC |
| Package | 20-SOIC (0.295", 7.50mm Width) |
| Data sheet | ATTiny261/461/861(V) Complete.pdf ATTiny261/461/861(V) Summary.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

ATTINY861V-10SU - Microchip Technology. New Original in Stock. Download Linear Technology ATTINY861V-10SU datasheet/specifications on AllelcoElec.com.
Request a quote for ATTINY861V-10SU, please send us email: info@allelco.com

Specifications

ATTINY861V-10SU Tech Specifications
ATTINY861V-10SU - Microchip Technology technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|----------------------------|---------------------------------------|-----------------------|-------------------|
| Manufacturer | Microchip Technology | Oscillator Type | Internal |
| Voltage - Supply (Vcc/Vdd) | 1.8V ~ 5.5V | Operating Temperature | -40°C ~ 85°C (TA) |
| Supplier Device Package | 20-SOIC | Number of I/O | 16 |
| Speed | 10MHz | Mounting Type | Surface Mount |
| Series | AVR® ATTiny | EEPROM Size | 512 x 8 |
| RAM Size | 512 x 8 | Data Converters | A/D 11x10b |
| 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, WDT | Connectivity | USI |
| Package / Case | 20-SOIC (0.295", 7.50mm Width) | Base Product Number | ATTINY861 |
| Package | Tube | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATTINY861V-10SU

| Product Attribute | | | | |
|----------------------------|---------------------------------------|---------------------------------------|--|--|
| Part Number | ATTINY861V-10SU | ATTINY861-20SUR | ATTINY87-XU | ATTINY861A-MU |
| Manufacturer | Microchip Technology | Microchip Technology | Microchip Technology | Microchip Technology |
| Base Product Number | ATTINY861 | ATTINY861 | ATTINY87 | ATTINY861 |
| Number of I/O | 16 | 16 | 16 | 16 |
| Voltage - Supply (Vcc/Vdd) | 1.8V ~ 5.5V | 2.7V ~ 5.5V | 1.8V ~ 5.5V | 1.8V ~ 5.5V |
| Package / Case | 20-SOIC (0.295", 7.50mm Width) | 20-SOIC (0.295", 7.50mm Width) | 20-TSSOP (0.173", 4.40mm Width) | 32-VQFN Exposed Pad |
| Program Memory Size | 8KB (4K x 16) | 8KB (4K x 16) | 8KB (4K x 16) | 8KB (4K x 16) |
| Oscillator Type | Internal | Internal | Internal | Internal |
| Core Size | 8-Bit | 8-Bit | 8-Bit | 8-Bit |
| Data Converters | A/D 11x10b | A/D 11x10b | A/D 11x10b | A/D 11x10b |
| Operating Temperature | -40°C ~ 85°C (TA) | -40°C ~ 85°C (TA) | -40°C ~ 85°C (TA) | -40°C ~ 85°C (TA) |
| Mounting Type | Surface Mount | 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, Temp Sensor, WDT | Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT |
| RAM Size | 512 x 8 | 512 x 8 | 512 x 8 | 512 x 8 |
| EEPROM Size | 512 x 8 | 512 x 8 | 512 x 8 | 512 x 8 |
| Speed | 10MHz | 20MHz | 16MHz | 20MHz |
| Package | Tube | Tape & Reel (TR) | Tube | Tray |
| Series | AVR® ATTiny | AVR® ATTiny | AVR® ATTiny | AVR® ATTiny |
| Supplier Device Package | 20-SOIC | 20-SOIC | 20-TSSOP | 32-VQFN (5x5) |
| Core Processor | AVR | AVR | AVR | AVR |
| Connectivity | USI | USI | I ² C, LINbus, SPI, UART/USART, USI | USI |
| Program Memory Type | FLASH | FLASH | FLASH | FLASH |

ATTINY861V-10SU Datasheet PDF

Download ATTINY861V-10SU pdf datasheets and Microchip Technology documentation for ATTINY861V-10SU - Microchip Technology.

PCN Packaging

[Transfer to Microchip/Label/Pkg 5/Sep/2016.pdf](#)

PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

 ATtiny261/461/861(V) Complete.pdf

 ATtiny261/461/861(V) Summary.pdf

Customers Also Interested in

Recommended Products



ATTINY861-20SUR

Microchip Technology
IC MCU 8BIT 8KB FLASH 20SOIC



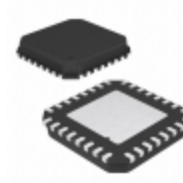
ATTINY87-XU

Microchip Technology
IC MCU 8BIT 8KB FLASH 20TSSOP



ATTINY861A-MU

Microchip Technology
IC MCU 8BIT 8KB FLASH 32VQFN



ATTINY861A-MUR

Microchip Technology
IC MCU 8BIT 8KB FLASH 32VQFN



ATTINY87-SU

Microchip Technology
IC MCU 8BIT 8KB FLASH 20SOIC



ATTINY88-15AZ

Microchip Technology
IC MCU 8BIT 8KB FLASH 32TQFP



ATTINY87-A15SZ

Microchip Technology
IC MCU 8BIT 8KB FLASH 20SOIC



ATTINY861A-XUR

Microchip Technology
IC MCU 8BIT 8KB FLASH 20TSSOP



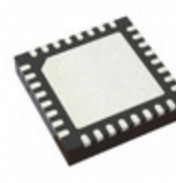
ATTINY861-20SU

Microchip Technology
IC MCU 8BIT 8KB FLASH 20SOIC



ATTINY861A-SU

Microchip Technology
IC MCU 8BIT 8KB FLASH 20SOIC



ATTINY87-15MZ

Microchip Technology
IC MCU 8BIT 8KB FLASH 32QFN



ATTINY87-A15SZ

Atmel
IC MCU 8BIT 8KB FLASH 20SOIC



ATTINY861A-SU

Atmel
IC MCU 8BIT 8KB FLASH 20SOIC



ATTINY861V-10MU

Microchip Technology
IC MCU 8BIT 8KB FLASH 32VQFN



ATTINY861A-MU

Atmel
IC MCU 8BIT 8KB FLASH 32VQFN



ATTINY87-MU

Atmel
IC MCU 8BIT 8KB FLASH 32VQFN



ATTINY87-MU

Microchip Technology
IC MCU 8BIT 8KB FLASH 32VQFN



ATTINY87-A15MZ

Microchip Technology
IC MCU 8BIT 8KB FLASH 32QFN

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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