

**ATMEGA16U4-MUR Information**


For Reference Only

**Part Number** [ATMEGA16U4-MUR](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 8BIT 16KB FLASH 44QFN  
**Package** 44-VFQFN Exposed Pad  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**ATMEGA16U4-MUR Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">ATMEGA16U4-MUR</a>   |
| Manufacturer               | Microchip Technology   |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 44-VFQFN Exposed Pad   |
| Series                     | AVR? ATmega  |
| Core Processor             | AVR  |
| Core Size                  | 8-Bit  |
| Speed                      | 16MHz  |
| Connectivity               | I2C, SPI, UART/USART, USB  |
| Peripherals                | Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT                       |
| Number of I/O              | 26   |
| Program Memory Size        | 16KB (8K x 16)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | 512 x 8  |
| RAM Size                   | 1.25K x 8  |
| Voltage - Supply (Vcc/Vdd) | 2.7 V ~ 5.5 V  |
| Data Converters            | A/D 12x10b   |
| Oscillator Type            | Internal   |
| Operating Temperature      | -40°C ~ 85°C (TA)  |
| Mounting Type              | -  |
| Package / Case             | 44-VFQFN Exposed Pad   |
| Supplier Device Package    | 44-QFN (7x7)   |
|                            | <a href="#">Report errors?</a>   |

## ATMEGA16U4-MUR Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## ATMEGA16U4-MUR Payment Methods



## ATMEGA16U4-MUR Shipping Methods



If you have any question about ATMEGA16U4-MUR, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)