

ATMEGA8515-16AC





Part Number: [ATMEGA8515-16AC](#)

Manufacturer [Micrel / Microchip Technology](#)

Description IC MCU 8BIT 8KB FLASH 44TQFP

Data sheet:  [ATMEGA8515\(L\) Complete](#)  
 [ATMEGA8515\(L\) Summary](#)

RoHs Status: Contains lead / RoHS non-compliant

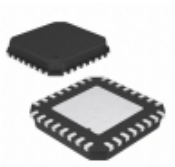
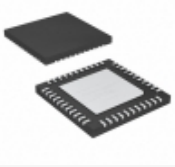
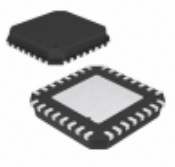
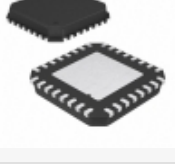
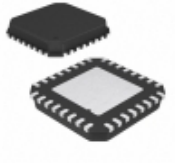
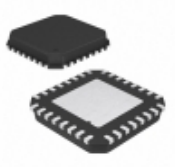
Ship From: Hong Kong

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Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                |                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ATMEGA8515-16AC                           | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 8BIT 8KB FLASH 44TQFP              | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4499 pcs                                  | Data sheet                     | <a href="#">ATMEGA8515(L) Complete</a><br><a href="#">ATMEGA8515(L) Summary</a>    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 4.5 V ~ 5.5 V                                                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 44-TQFP (10x10)                           | Speed                          | 16MHz                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | AVR® ATmega                               | RAM Size                       | 512 x 8                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FLASH                                     | Program Memory Size            | 8KB (4K x 16)                                                                      |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Brown-out Detect/Reset, POR, PWM, WDT     | Packaging                      | Tray                                                                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 44-TQFP                                   | Oscillator Type                | Internal                                                                           |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0°C ~ 70°C (TA)                           | Number of I/O                  | 35                                                                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                 |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 512 x 8                                   | Detailed Description           | AVR AVR® ATmega Microcontroller IC 8-Bit 16MHz 8KB (4K x 16) FLASH 44-TQFP (10x10) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                         | Core Size                      | 8-Bit                                                                              |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | AVR                                       | Connectivity                   | EBI/EMI, SPI, UART/USART                                                           |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ATMEGA8515                                |                                |                                                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                              |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ATMEGA8-16MC</a><br>Description: IC MCU 8BIT 8KB FLASH 32VQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA8515-16MC</a><br>Description: IC MCU 8BIT 8KB FLASH 44VQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA8-16MI</a><br>Description: IC MCU 8BIT 8KB FLASH 32VQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA8515-16JUR</a><br>Description: IC MCU 8BIT 8KB FLASH 44PLCC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA8-16PU</a><br>Description: IC MCU 8BIT 8KB FLASH 28DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA8515-16JU</a><br>Description: IC MCU 8BIT 8KB FLASH 44PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA8-16PC</a><br>Description: IC MCU 8BIT 8KB FLASH 28DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA8515-16AU</a><br>Description: IC MCU 8BIT 8KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA8515-16JJ</a><br>Description: IC MCU 8BIT 8KB FLASH 44PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA8-16PI</a><br>Description: IC MCU 8BIT 8KB FLASH 28DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA8-16PJ</a><br>Description: IC MCU 8BIT 8KB FLASH 28DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA8-16MJ</a><br>Description: IC MCU 8BIT 8KB FLASH 32VQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA8515-16JI</a><br>Description: IC MCU 8BIT 8KB FLASH 44PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA8515-16AI</a><br>Description: IC MCU 8BIT 8KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA8-16AUR</a><br>Description: IC MCU 8BIT 8KB FLASH 32TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA8515-16AJ</a><br>Description: IC MCU 8BIT 8KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA8-16MU</a><br>Description: IC MCU 8BIT 8KB FLASH 32VQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA8515-16AUR</a><br>Description: IC MCU 8BIT 8KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA8-16MUR</a><br>Description: IC MCU 8BIT 8KB FLASH 32VQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATMEGA8515-16JC</a><br>Description: IC MCU 8BIT 8KB FLASH 44PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for ATMEGA8515-16AC

|                                               |                                      |                                                           |                       |
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