

ATMEGA8515-16JUR



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

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 8KB FLASH 44PLCC

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

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

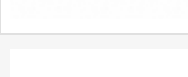
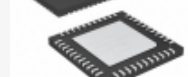
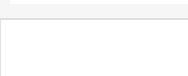
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See Product Specifications for product details.  
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| PRODUCT PARAMETER               |                                           |                                  |                                                                                          |
|---------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------|
| Part Number                     | ATMEGA8515-16JUR                          | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                            |
| Description                     | IC MCU 8BIT 8KB FLASH 44PLCC              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                               |
| Quantity Available              | 42684 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-PLCC (16.59x16.59)                     | 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                        | Tape & Reel (TR)                                                                         |
| Package / Case                  | 44-LCC (J-Lead)                           | Other Names                      | ATMEGA8515-16JUR-ND<br>ATMEGA8515-16JURTR<br>ATMEGA851516JUR                             |
| Oscillator Type                 | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                        |
| Number of I/O                   | 35                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                            |
| Manufacturer Standard Lead Time | 4 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                               |
| EEPROM Size                     | 512 x 8                                   | Detailed Description             | AVR AVR® ATmega Microcontroller IC 8-Bit 16MHz 8KB (4K x 16) FLASH 44-PLCC (16.59x16.59) |
| 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="#">ATMEGA8515-16PC</a>    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 8BIT 8KB FLASH 40DIP  |                                                              |                |
|  | Part#: <a href="#">ATMEGA8515-16AC</a>    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 8BIT 8KB FLASH 44TQFP |                                                              |                |
|  | Part#: <a href="#">ATMEGA8515-16MU</a>    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 8BIT 8KB FLASH 44VQFN |                                                              |                |
|  | Part#: <a href="#">ATMEGA8515-16AI</a>    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 8BIT 8KB FLASH 44TQFP |                                                              |                |
|  | Part#: <a href="#">ATMEGA8515-16MC</a>    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 8BIT 8KB FLASH 44VQFN |                                                              |                |
|  | Part#: <a href="#">ATMEGA8515-16JC</a>    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 8BIT 8KB FLASH 44PLCC |                                                              |                |
|  | Part#: <a href="#">ATMEGA8515-16AUR</a>   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 8BIT 8KB FLASH 44TQFP |                                                              |                |
|  | Part#: <a href="#">ATMEGA8515-16MUR</a>   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 8BIT 8KB FLASH 44VQFN |                                                              |                |
|  | Part#: <a href="#">ATMEGA8515-16AJ</a>    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 8BIT 8KB FLASH 44TQFP |                                                              |                |
|  | Part#: <a href="#">ATMEGA8515-16MJ</a>    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 8BIT 8KB FLASH 44VQFN |                                                              |                |
|  | Part#: <a href="#">ATMEGA8515-16AU</a>    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 8BIT 8KB FLASH 44TQFP |                                                              |                |
|  | Part#: <a href="#">ATMEGA8515-16MI</a>    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 8BIT 8KB FLASH 44VQFN |                                                              |                |
|  | Part#: <a href="#">ATMEGA8515-16PI</a>    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 8BIT 8KB FLASH 40DIP  |                                                              |                |
|  | Part#: <a href="#">ATMEGA8515-16JU</a>    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 8BIT 8KB FLASH 44PLCC |                                                              |                |
|  | Part#: <a href="#">ATMEGA8515-16PU</a>    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 8BIT 8KB FLASH 40DIP  |                                                              |                |
|  | Part#: <a href="#">ATMEGA8515-16PJ</a>    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 8BIT 8KB FLASH 40DIP  |                                                              |                |
|  | Part#: <a href="#">ATMEGA8515L-8AC</a>    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 8BIT 8KB FLASH 44TQFP |                                                              |                |
|  | Part#: <a href="#">ATMEGA8515-16JJ</a>    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 8BIT 8KB FLASH 44PLCC |                                                              |                |
|  | Part#: <a href="#">ATMEGA8515-16JI</a>    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 8BIT 8KB FLASH 44PLCC |                                                              |                |
|  | Part#: <a href="#">ATMEGA8-16PU</a>       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MCU 8BIT 8KB FLASH 28DIP  |                                                              |                |

|                                                |                                       |                                        |                        |
|------------------------------------------------|---------------------------------------|----------------------------------------|------------------------|
| Related keywords for ATMEGA8515-16JUR          |                                       |                                        |                        |
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