

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

AT90S8515-8AC

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT90S8515-8AC                                                                                                        |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | IC MCU 8BIT 8KB FLASH 44TQFP                                                                                         |
|                     |  1.AT90S8515-8AC.pdf                |
|                     |  2.AT90S8515-8AC.pdf                |
|                     |  3.AT90S8515-8AC.pdf                |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 5941 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of AT90S8515-8AC

|                                  |                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT90S8515-8AC                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                 |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 44TQFP                                                                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                            |
| QUANTITY AVAILABLE               | 5941 pcs                                                                                                                                                                                                                                                                                                                      |
| DATA SHEET                       |  1.AT90S8515-8AC.pdf<br> 2.AT90S8515-8AC.pdf<br> 3.AT90S8515-8AC.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4 V ~ 6 V                                                                                                                                                                                                                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                                                                                                                                                                               |
| SPEED                            | 8MHz                                                                                                                                                                                                                                                                                                                          |
| SERIES                           | AVR® 90S                                                                                                                                                                                                                                                                                                                      |
| 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                    | 32                                                                                                                                                                                                                                                                                                                            |
| 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® 90S Microcontroller IC 8-Bit 8MHz 8KB (4K x 16) FLASH 44-TQFP (10x10)                                                                                                                                                                                                                                                |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                                                                                                                             |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                         |
| CORE PROCESSOR                   | AVR                                                                                                                                                                                                                                                                                                                           |
| CONNECTIVITY                     | SPI, UART/USART                                                                                                                                                                                                                                                                                                               |
| BASE PART NUMBER                 | AT90S8515                                                                                                                                                                                                                                                                                                                     |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology AT90S8515-8AC | AT90S8515-8AC Distributor              | AT90S8515-8AC Supplier                               |
| AT90S8515-8AC Price                         | AT90S8515-8AC Pictures                 | AT90S8515-8AC Image                                  |
| AT90S8515-8AC PDF Datasheet                 | AT90S8515-8AC Download Datasheet       | AT90S8515-8AC Datasheet                              |
| AT90S8515-8AC Stock                         | Buy AT90S8515-8AC                      | Buy Micrel / Microchip Technology AT90S8515-8AC      |
| Micrel / Microchip Technology AT90S8515-8AC | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology AT90S8515-8AC | Microchip Technology AT90S8515-8AC     | Roving Networks / Microchip Technology AT90S8515-8AC |

Related Products

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|  <div><b>AT90S8515-8AI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 44TQFP<br/>In stock: 6567 pcs<br/><b>RFQ</b></div> |  <div><b>AT90S8515-4AI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 44TQFP<br/>In stock: 3828 pcs<br/><b>RFQ</b></div>  |
|  <div><b>AT90S8515-8PC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 40DIP<br/>In stock: 4073 pcs<br/><b>RFQ</b></div>  |  <div><b>AT90S8515-8PI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 40DIP<br/>In stock: 5655 pcs<br/><b>RFQ</b></div>   |
|  <div><b>AT90S8515-4JI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 44PLCC<br/>In stock: 5686 pcs<br/><b>RFQ</b></div> |  <div><b>AT90S8515-4AC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 44TQFP<br/>In stock: 3463 pcs<br/><b>RFQ</b></div>  |
|  <div><b>AT90S8515-4PI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 40DIP<br/>In stock: 3265 pcs<br/><b>RFQ</b></div>  |  <div><b>AT90S8515A-4AC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 44TQFP<br/>In stock: 4677 pcs<br/><b>RFQ</b></div> |
|  <div><b>AT90S8515-4PC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 40DIP<br/>In stock: 4377 pcs<br/><b>RFQ</b></div>  |  <div><b>AT90S8515-8JI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 44PLCC<br/>In stock: 5276 pcs<br/><b>RFQ</b></div>  |
|  <div><b>AT90S8515-8JC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 44PLCC<br/>In stock: 2981 pcs<br/><b>RFQ</b></div> |  <div><b>AT90S8515-4JC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 44PLCC<br/>In stock: 7001 pcs<br/><b>RFQ</b></div>  |