

MICROCHIP

Micrel / Microchip Technology



### AT90S2313-4SI

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT90S2313-4SI                                                                                                        |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | IC MCU 8BIT 2KB FLASH 20SOIC                                                                                         |
| Datasheets:         |  AT90S2313-4SI.pdf                  |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 6089 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

#### Specifications of AT90S2313-4SI

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT90S2313-4SI                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                         |
| DESCRIPTION                      | IC MCU 8BIT 2KB FLASH 20SOIC                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                    |
| QUANTITY AVAILABLE               | 6089 pcs                                                                                              |
| DATA SHEET                       |  AT90S2313-4SI.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 6 V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 20-SOIC                                                                                               |
| SPEED                            | 4MHz                                                                                                  |
| SERIES                           | AVR® 90S                                                                                              |
| RAM SIZE                         | 128 x 8                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                 |
| PROGRAM MEMORY SIZE              | 2KB (1K x 16)                                                                                         |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                 |
| PACKAGING                        | Tube                                                                                                  |
| PACKAGE / CASE                   | 20-SOIC (0.295", 7.50mm Width)                                                                        |
| OSCILLATOR TYPE                  | External                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                          |
| NUMBER OF I/O                    | 15                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                    |
| EEPROM SIZE                      | 128 x 8                                                                                               |
| DETAILED DESCRIPTION             | AVR AVR® 90S Microcontroller IC 8-Bit 4MHz 2KB (1K x 16) FLASH 20-SOIC                                |
| DATA CONVERTERS                  | -                                                                                                     |
| CORE SIZE                        | 8-Bit                                                                                                 |
| CORE PROCESSOR                   | AVR                                                                                                   |
| CONNECTIVITY                     | SPI, UART/USART                                                                                       |
| BASE PART NUMBER                 | AT90S2313                                                                                             |

#### Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology AT90S2313-4SI | AT90S2313-4SI Distributor              | AT90S2313-4SI Supplier                               |
| AT90S2313-4SI Price                         | AT90S2313-4SI Pictures                 | AT90S2313-4SI Image                                  |
| AT90S2313-4SI PDF Datasheet                 | AT90S2313-4SI Download Datasheet       | AT90S2313-4SI Datasheet                              |
| AT90S2313-4SI Stock                         | Buy AT90S2313-4SI                      | Buy Micrel / Microchip Technology AT90S2313-4SI      |
| Micrel / Microchip Technology AT90S2313-4SI | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology AT90S2313-4SI | Microchip Technology AT90S2313-4SI     | Roving Networks / Microchip Technology AT90S2313-4SI |

#### Related Products

|                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>AT90S2333-8AC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 32TQFP<br/>In stock: 4660 pcs<br/>RFQ</div> |  <div><b>AT90S2313-10SI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20SOIC<br/>In stock: 6001 pcs<br/>RFQ</div> |
|  <div><b>AT90S2323-10PC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 8DIP<br/>In stock: 4255 pcs<br/>RFQ</div>  |  <div><b>AT90S2323-10SI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 8SOIC<br/>In stock: 5382 pcs<br/>RFQ</div>  |
|  <div><b>AT90S2323-10PI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 8DIP<br/>In stock: 7005 pcs<br/>RFQ</div>  |  <div><b>AT90S2313-4SC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20SOIC<br/>In stock: 5631 pcs<br/>RFQ</div>  |
|  <div><b>AT90S2323-10SC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 8SOIC<br/>In stock: 4945 pcs<br/>RFQ</div> |  <div><b>AT90S2313-10PI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20DIP<br/>In stock: 6191 pcs<br/>RFQ</div>  |
|  <div><b>AT90S2333-8AI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 32TQFP<br/>In stock: 4474 pcs<br/>RFQ</div> |  <div><b>AT90S2313-10SC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20SOIC<br/>In stock: 6001 pcs<br/>RFQ</div> |
|  <div><b>AT90S2313-4PI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20DIP<br/>In stock: 5400 pcs<br/>RFQ</div>  |  <div><b>AT90S2313-4PC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20DIP<br/>In stock: 4038 pcs<br/>RFQ</div>   |