

AT90S1200A-4SC



Part Number: [AT90S1200A-4SC](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 1KB FLASH 20SOIC

Data sheet:  [AT90S1200](#)

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                |                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | AT90S1200A-4SC                            | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC MCU 8BIT 1KB FLASH 20SOIC              | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4859 pcs                                  | Data sheet                     | <a href="#">AT90S1200</a>                                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.7 V ~ 6 V                                                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 20-SOIC                                   | Speed                          | 4MHz                                                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | AVR® 90S                                  | RAM Size                       | -                                                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | FLASH                                     | Program Memory Size            | 1KB (512 x 16)                                                          |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | POR, WDT                                  | Packaging                      | Tube                                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 20-SOIC (0.295", 7.50mm Width)            | Oscillator Type                | Internal                                                                |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0°C ~ 70°C (TA)                           | Number of I/O                  | 15                                                                      |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2 (1 Year)                                | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                      |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 64 x 8                                    | Detailed Description           | AVR AVR® 90S Microcontroller IC 8-Bit 4MHz 1KB (512 x 16) FLASH 20-SOIC |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                         | Core Size                      | 8-Bit                                                                   |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | AVR                                       | Connectivity                   | SPI                                                                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | AT90S1200                                 |                                |                                                                         |
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|  | Part#: <a href="#">AT90S1200A-4YI</a><br>Description: IC MCU 8BIT 1KB FLASH 20SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT90S2313-10SI</a><br>Description: IC MCU 8BIT 2KB FLASH 20SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT90S1200A-12SC</a><br>Description: IC MCU 8BIT 1KB FLASH 20SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AT90S1200A-12YI</a><br>Description: IC MCU 8BIT 1KB FLASH 20SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AT90S1200A-12YC</a><br>Description: IC MCU 8BIT 1KB FLASH 20SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AT90S2313-4PI</a><br>Description: IC MCU 8BIT 2KB FLASH 20DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT90S1200-4YI</a><br>Description: IC MCU 8BIT 1KB FLASH 20SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AT90S1200-4YC</a><br>Description: IC MCU 8BIT 1KB FLASH 20SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AT90S2313-10SC</a><br>Description: IC MCU 8BIT 2KB FLASH 20SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT90S1200A-12SI</a><br>Description: IC MCU 8BIT 1KB FLASH 20SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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