

AT90S1200-12SI



Part Number: [AT90S1200-12SI](#)

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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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                |                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|--------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | AT90S1200-12SI                            | 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                                                                                                                                                                                                                                                                                                                                                                                                                     | 5506 pcs                                  | Data sheet                     | <a href="#">AT90S1200</a>                                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 4 V ~ 6 V                                                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                | 20-SOIC                                   | Speed                          | 12MHz                                                                    |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                  | -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                                                                                                                                                                                                                                                                                                                                                                                                                            | 64 x 8                                    | Detailed Description           | AVR AVR® 90S Microcontroller IC 8-Bit 12MHz 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="#">AT90S1200-12YI</a><br>Description: IC MCU 8BIT 1KB FLASH 20SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT90S1200-12PI</a><br>Description: IC MCU 8BIT 1KB 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> |
|  | Part#: <a href="#">AT90S1200-4SI</a><br>Description: IC MCU 8BIT 1KB FLASH 20SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT90S1200-4PC</a><br>Description: IC MCU 8BIT 1KB FLASH 20DIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AT90S1200-4SC</a><br>Description: IC MCU 8BIT 1KB FLASH 20SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT90S1200-4PI</a><br>Description: IC MCU 8BIT 1KB FLASH 20DIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT90S1200-4YC</a><br>Description: IC MCU 8BIT 1KB FLASH 20SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT90PWM81-16SN</a><br>Description: IC MCU 8BIT 8KB FLASH 20SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT90S1200A-12PC</a><br>Description: IC MCU 8BIT 1KB FLASH 20DIP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AT90S1200-12YC</a><br>Description: IC MCU 8BIT 1KB FLASH 20SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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