



Micrel / Microchip Technology

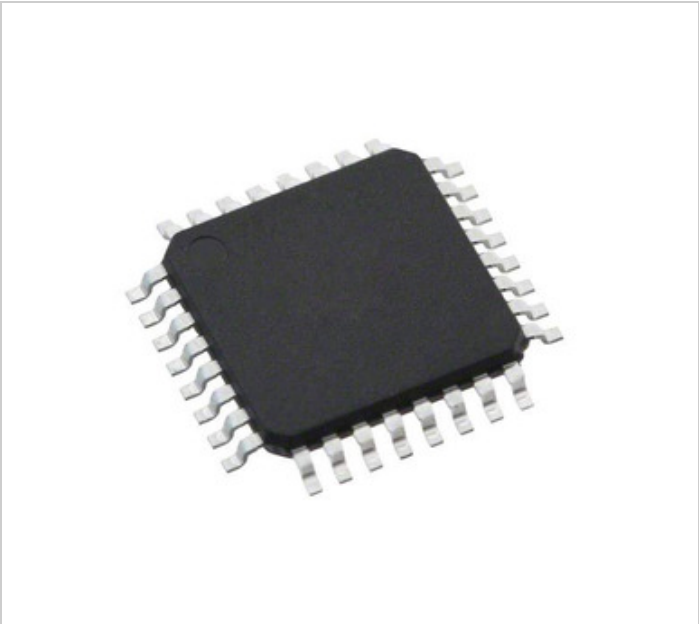


Image may be representation. See specifications for product details.

AT90LS4433-4AI

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT90LS4433-4AI                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | IC MCU 8BIT 4KB FLASH 32TQFP                                                                                         |
| Datasheets:         |  <a href="#">AT90LS4433-4AI.pdf</a> |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

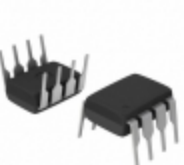
Specifications of AT90LS4433-4AI

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT90LS4433-4AI                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 4KB FLASH 32TQFP                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                     |
| DATA SHEET                       |  <a href="#">AT90LS4433-4AI.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 6 V                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 32-TQFP (7x7)                                                                                                          |
| SPEED                            | 4MHz                                                                                                                   |
| SERIES                           | AVR® 90LS                                                                                                              |
| RAM SIZE                         | 128 x 8                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                  |
| PROGRAM MEMORY SIZE              | 4KB (2K x 16)                                                                                                          |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                  |
| PACKAGING                        | Tray                                                                                                                   |
| PACKAGE / CASE                   | 32-TQFP                                                                                                                |
| OSCILLATOR TYPE                  | External                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                           |
| NUMBER OF I/O                    | 20                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                     |
| EEPROM SIZE                      | 256 x 8                                                                                                                |
| DETAILED DESCRIPTION             | AVR AVR® 90LS Microcontroller IC 8-Bit 4MHz 4KB (2K x 16) FLASH 32-TQFP (7x7)                                          |
| DATA CONVERTERS                  | A/D 6x10b                                                                                                              |
| CORE SIZE                        | 8-Bit                                                                                                                  |
| CORE PROCESSOR                   | AVR                                                                                                                    |
| CONNECTIVITY                     | SPI, UART/USART                                                                                                        |
| BASE PART NUMBER                 | AT90LS4433                                                                                                             |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology AT90LS4433-4AI | AT90LS4433-4AI Distributor             | AT90LS4433-4AI Supplier                               |
| AT90LS4433-4AI Price                         | AT90LS4433-4AI Pictures                | AT90LS4433-4AI Image                                  |
| AT90LS4433-4AI PDF Datasheet                 | AT90LS4433-4AI Download Datasheet      | AT90LS4433-4AI Datasheet                              |
| AT90LS4433-4AI Stock                         | Buy AT90LS4433-4AI                     | Buy Micrel / Microchip Technology AT90LS4433-4AI      |
| Micrel / Microchip Technology AT90LS4433-4AI | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology AT90LS4433-4AI | Microchip Technology AT90LS4433-4AI    | Roving Networks / Microchip Technology AT90LS4433-4AI |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>AT90LS8535-4AC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 44TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>AT90LS2343-4PI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 8DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>AT90LS2343-4SC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>AT90LS8535-4AI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 44TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>AT90LS4433-4PC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 28DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>AT90LS2343-4PC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 8DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>AT90LS8535-4JI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 44PLCC<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>AT90LS2343-1SI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>AT90LS4433-4AC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 32TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>AT90LS2343-4SI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>AT90LS8535-4JC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 44PLCC<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>AT90LS4433-4PI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 28DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |