



Micrel / Microchip Technology

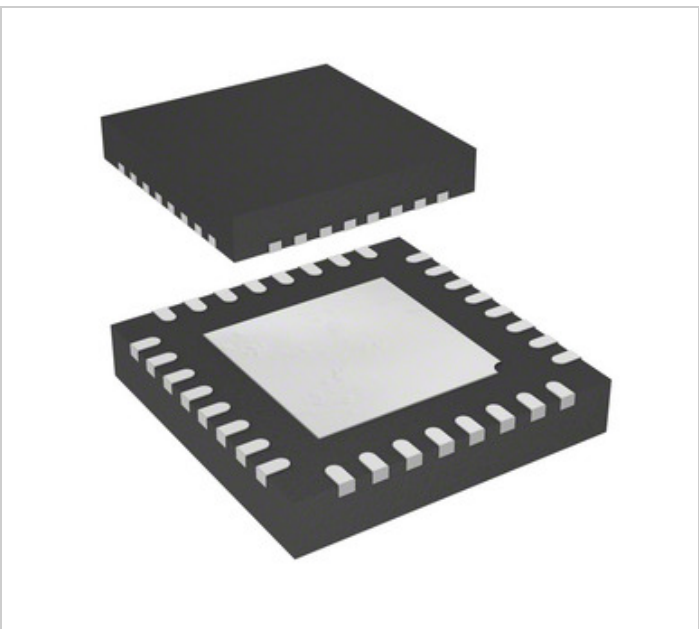


Image may be representation. See specifications for product details.

AT90SCR100LSD-Z1R

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT90SCR100LSD-Z1R                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 64KB FLASH 32QFN                                                                                 |
|                     |  1.AT90SCR100LSD-Z1R.pdf    |
|                     |  2.AT90SCR100LSD-Z1R.pdf    |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4151 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

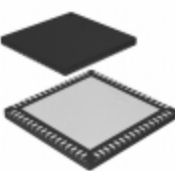
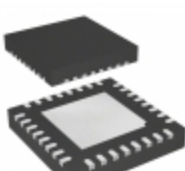
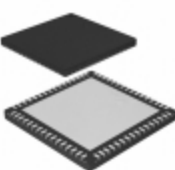
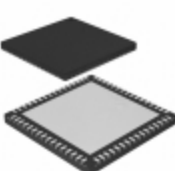
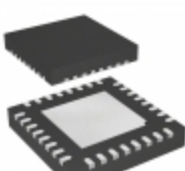
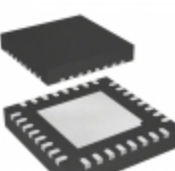
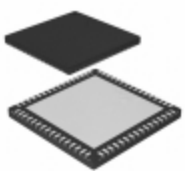
Specifications of AT90SCR100LSD-Z1R

|                                  |                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT90SCR100LSD-Z1R                                                                                                                                                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                              |
| DESCRIPTION                      | IC MCU 8BIT 64KB FLASH 32QFN                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 4151 pcs                                                                                                                                                                                                                   |
| DATA SHEET                       |  1.AT90SCR100LSD-Z1R.pdf<br> 2.AT90SCR100LSD-Z1R.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.4 V ~ 5.5 V                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 32-VQFN (5x5)                                                                                                                                                                                                              |
| SPEED                            | 48MHz                                                                                                                                                                                                                      |
| SERIES                           | AVR® 90SCR                                                                                                                                                                                                                 |
| RAM SIZE                         | 4K x 8                                                                                                                                                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                      |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                                                                                                                             |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, LED, POR, PWM, WDT                                                                                                                                                                            |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                           |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                                                                                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| EEPROM SIZE                      | 4K x 8                                                                                                                                                                                                                     |
| DETAILED DESCRIPTION             | AVR AVR® 90SCR Microcontroller IC 8-Bit 48MHz 64KB (64K x 8) FLASH 32-VQFN (5x5)                                                                                                                                           |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                          |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                      |
| CORE PROCESSOR                   | AVR                                                                                                                                                                                                                        |
| CONNECTIVITY                     | I²C, SmartCard, SPI, UART/USART, USB                                                                                                                                                                                       |
| BASE PART NUMBER                 | AT90SCR100                                                                                                                                                                                                                 |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology AT90SCR100LSD-Z1R | AT90SCR100LSD-Z1R Distributor          | AT90SCR100LSD-Z1R Supplier                               |
| AT90SCR100LSD-Z1R Price                         | AT90SCR100LSD-Z1R Pictures             | AT90SCR100LSD-Z1R Image                                  |
| AT90SCR100LSD-Z1R PDF Datasheet                 | AT90SCR100LSD-Z1R Download Datasheet   | AT90SCR100LSD-Z1R Datasheet                              |
| AT90SCR100LSD-Z1R Stock                         | Buy AT90SCR100LSD-Z1R                  | Buy Micrel / Microchip Technology AT90SCR100LSD-Z1R      |
| Micrel / Microchip Technology AT90SCR100LSD-Z1R | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology AT90SCR100LSD-Z1R | Microchip Technology AT90SCR100LSD-Z1R | Roving Networks / Microchip Technology AT90SCR100LSD-Z1R |

Related Products

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| <div></div> <div><b>AT90USB1287-16AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 2823 pcs</div> <div>RFQ</div> | <div></div> <div><b>AT90SCR100H-Z1R</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64QFN<br/>In stock: 3672 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>AT90SCR100LHS-Z1T</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 32QFN<br/>In stock: 4394 pcs</div> <div>RFQ</div>   | <div></div> <div><b>AT90SCR100H-ALT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64LQFP<br/>In stock: 2755 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>AT90SCR100H-ALR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64TQFP<br/>In stock: 6595 pcs</div> <div>RFQ</div>    | <div></div> <div><b>AT90SCR100H-Z1T</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64QFN<br/>In stock: 6179 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>AT90USB1286-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 10114 pcs</div> <div>RFQ</div>   | <div></div> <div><b>AT90USB1286-MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 64QFN<br/>In stock: 15046 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>AT90SCR100LHS-Z1R</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 32QFN<br/>In stock: 6352 pcs</div> <div>RFQ</div>   | <div></div> <div><b>AT90SCR100LSD-Z1T</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 32QFN<br/>In stock: 2711 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>AT90USB1286-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 64QFN<br/>In stock: 12045 pcs</div> <div>RFQ</div>    | <div></div> <div><b>AT90USB1286-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 12976 pcs</div> <div>RFQ</div> |