



AT91SAM7S512-MU

|                     |                                                                                                                                                                                                                                               |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT91SAM7S512-MU                                                                                                                                                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                 |
| Product description | IC MCU 32BIT 512KB FLASH 64QFN                                                                                                                                                                                                                |
| Datasheets:         | <div><div>1.AT91SAM7S512-MU.pdf</div><div>2.AT91SAM7S512-MU.pdf</div></div> |
| RoHs Status         | <div>Lead free / RoHS Compliant</div>                                                                                                                        |
| Stock Condition     | 3091 pcs stock                                                                                                                                                                                                                                |
| Ship From           | Hong Kong                                                                                                                                                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                         |

REQUEST FOR QUOTATION

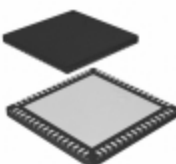
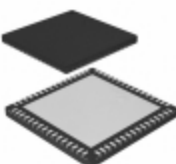
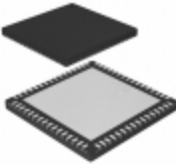
Specifications of AT91SAM7S512-MU

|                                  |                                                                                                                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT91SAM7S512-MU                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 64QFN                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                        |
| QUANTITY AVAILABLE               | 3091 pcs                                                                                                                                                                                                                                          |
| DATA SHEET                       | <div><div>1.AT91SAM7S512-MU.pdf</div><div>2.AT91SAM7S512-MU.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 1.95 V                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                                                                                                                                                                                      |
| SPEED                            | 55MHz                                                                                                                                                                                                                                             |
| SERIES                           | SAM7S                                                                                                                                                                                                                                             |
| RAM SIZE                         | 64K x 8                                                                                                                                                                                                                                           |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                             |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                                                                                                                                                                  |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                                                                                                                                                        |
| PACKAGING                        | Tray                                                                                                                                                                                                                                              |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                                                                                                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                 |
| NUMBER OF I/O                    | 32                                                                                                                                                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                        |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                 |
| DETAILED DESCRIPTION             | ARM7® SAM7S Microcontroller IC 16/32-Bit 55MHz 512KB (512K x 8) FLASH 64-QFN (9x9)                                                                                                                                                                |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                                                                                         |
| CORE SIZE                        | 16/32-Bit                                                                                                                                                                                                                                         |
| CORE PROCESSOR                   | ARM7®                                                                                                                                                                                                                                             |
| CONNECTIVITY                     | I²C, SPI, SSC, UART/USART, USB                                                                                                                                                                                                                    |
| BASE PART NUMBER                 | AT91SAM7S512                                                                                                                                                                                                                                      |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology AT91SAM7S512-MU | AT91SAM7S512-MU Distributor            | AT91SAM7S512-MU Supplier                               |
| AT91SAM7S512-MU Price                         | AT91SAM7S512-MU Pictures               | AT91SAM7S512-MU Image                                  |
| AT91SAM7S512-MU PDF Datasheet                 | AT91SAM7S512-MU Download Datasheet     | AT91SAM7S512-MU Datasheet                              |
| AT91SAM7S512-MU Stock                         | Buy AT91SAM7S512-MU                    | Buy Micrel / Microchip Technology AT91SAM7S512-MU      |
| Micrel / Microchip Technology AT91SAM7S512-MU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology AT91SAM7S512-MU | Microchip Technology AT91SAM7S512-MU   | Roving Networks / Microchip Technology AT91SAM7S512-MU |

Related Products

|                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>MICROCHIP</div> <div>AT91SAM7S64-AU-001</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 64KB FLASH 64LQFP</div> <div>In stock: 3310 pcs</div> <div>RFQ</div>   | <div>MICROCHIP</div> <div>AT91SAM7S512B-AU-999</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 64LQFP</div> <div>In stock: 10354 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div>AT91SAM7S512-AU</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 64LQFP</div> <div>In stock: 2735 pcs</div> <div>RFQ</div>     | <div>MICROCHIP</div> <div>AT91SAM7S512B-AU</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 64LQFP</div> <div>In stock: 8933 pcs</div> <div>RFQ</div>      |
| <div></div> <div>AT91SAM7S512-MU-999</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 64QFN</div> <div>In stock: 3621 pcs</div> <div>RFQ</div>           | <div></div> <div>AT91SAM7S512B-MU</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 64VQFN</div> <div>In stock: 8414 pcs</div> <div>RFQ</div>               |
| <div>MICROCHIP</div> <div>AT91SAM7S32B-MU-999</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 32KB FLASH 48QFN</div> <div>In stock: 37555 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div>AT91SAM7S32B-MU</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 32KB FLASH 48QFN</div> <div>In stock: 23046 pcs</div> <div>RFQ</div>        |
| <div>MICROCHIP</div> <div>AT91SAM7S32B-MU-999</div> <div>Manufacturers: Microchip Technology</div> <div>Description: IC MCU 32BIT 32KB FLASH 48QFN</div> <div>In stock: 25545 pcs</div> <div>RFQ</div>           | <div>MICROCHIP</div> <div>AT91SAM7S32B-AU-999</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 32KB FLASH 48LQFP</div> <div>In stock: 23197 pcs</div> <div>RFQ</div>   |
| <div>MICROCHIP</div> <div>AT91SAM7S512-AU-999</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 64LQFP</div> <div>In stock: 6408 pcs</div> <div>RFQ</div> | <div></div> <div>AT91SAM7S512B-MU-999</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 32BIT 512KB FLASH 64VQFN</div> <div>In stock: 8670 pcs</div> <div>RFQ</div>           |