



AT91SAM9XE256-QU

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT91SAM9XE256-QU                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 256KB FLASH 208QFP                                                                              |
| Datasheets:         |  AT91SAM9XE256-QU.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3063 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

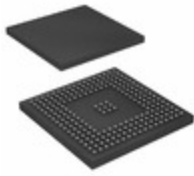
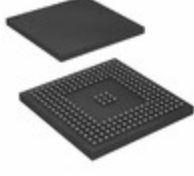
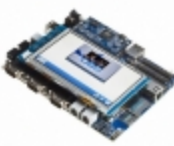
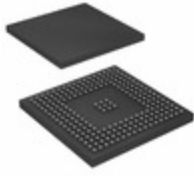
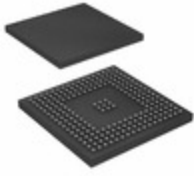
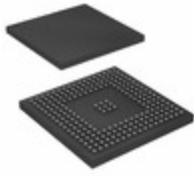
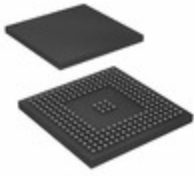
Specifications of AT91SAM9XE256-QU

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT91SAM9XE256-QU                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                            |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 208QFP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 3063 pcs                                                                                                 |
| DATA SHEET                       |  AT91SAM9XE256-QU.pdf |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                                         |
| USB                              | USB 2.0 (3)                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 208-PQFP (28x28)                                                                                         |
| SPEED                            | 180MHz                                                                                                   |
| SERIES                           | SAM9XE                                                                                                   |
| SECURITY FEATURES                | -                                                                                                        |
| SATA                             | -                                                                                                        |
| RAM CONTROLLERS                  | SDRAM, SRAM                                                                                              |
| PACKAGING                        | Tray                                                                                                     |
| PACKAGE / CASE                   | 208-BFQFP                                                                                                |
| OTHER NAMES                      | AT91SAM9XE256QU                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                        |
| NUMBER OF CORES/BUS WIDTH        | 1 Core, 32-Bit                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| GRAPHICS ACCELERATION            | No                                                                                                       |
| ETHERNET                         | 10/100 Mbps                                                                                              |
| DISPLAY & INTERFACE CONTROLLERS  | LCD, Touchscreen                                                                                         |
| DETAILED DESCRIPTION             | ARM926EJ-S Microprocessor IC SAM9XE 1 Core, 32-Bit 180MHz 208-PQFP (28x28)                               |
| CORE PROCESSOR                   | ARM926EJ-S                                                                                               |
| CO-PROCESSORS/DSP                | -                                                                                                        |
| BASE PART NUMBER                 | AT91SAM9XE                                                                                               |
| ADDITIONAL INTERFACES            | EBI/EMI, I²C, ISI, MMC/SD/SDIO, SPI, SSC, UART/USART                                                     |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology AT91SAM9XE256-QU | AT91SAM9XE256-QU Distributor           | AT91SAM9XE256-QU Supplier                               |
| AT91SAM9XE256-QU Price                         | AT91SAM9XE256-QU Pictures              | AT91SAM9XE256-QU Image                                  |
| AT91SAM9XE256-QU PDF Datasheet                 | AT91SAM9XE256-QU Download Datasheet    | AT91SAM9XE256-QU Datasheet                              |
| AT91SAM9XE256-QU Stock                         | Buy AT91SAM9XE256-QU                   | Buy Micrel / Microchip Technology AT91SAM9XE256-QU      |
| Micrel / Microchip Technology AT91SAM9XE256-QU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology AT91SAM9XE256-QU | Microchip Technology AT91SAM9XE256-QU  | Roving Networks / Microchip Technology AT91SAM9XE256-QU |

Related Products

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| <div></div> <div><b>AT91SAM9XE512-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 217BGA<br/>In stock: 6592 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>AT9201A</b><br/>Manufacturers: NKK Switches<br/>Description: BEZEL BLACK POLY FOR MLW SERIES<br/>In stock: 111907 pcs<br/><div>RFQ</div></div>                          |
| <div></div> <div><b>AT91SAM9XE256-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 217BGA<br/>In stock: 4014 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>AT91SAM9XE512B-QU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 208QFP<br/>In stock: 5007 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>AT91SAM9X35-EK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: KIT EVAL FOR AT91SAM9X35<br/>In stock: 128 pcs<br/><div>RFQ</div></div>            | <div></div> <div><b>AT91SAM9XE512-QU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 208QFP<br/>In stock: 6924 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>AT91SAM9X35-CU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 64KB ROM 217BGA<br/>In stock: 11803 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>AT91SAM9XE256B-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 217BGA<br/>In stock: 8061 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>AT91SAM9XE128-QU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 208QFP<br/>In stock: 5979 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>AT91SAM9XE-EK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: KIT EVAL FOR AT91SAM9XE<br/>In stock: 189 pcs<br/><div>RFQ</div></div>              |
| <div></div> <div><b>AT91SAM9XE512B-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 217BGA<br/>In stock: 5433 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>AT91SAM9XE128-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 217BGA<br/>In stock: 5087 pcs<br/><div>RFQ</div></div>  |