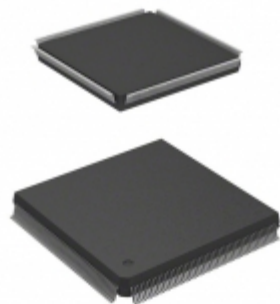


AT91RM9200-QI-002





Part Number:

AT91RM9200-QI-002

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 32BIT 128KB ROM 208QFP

Data sheet:

 [AT91RM9200 Summary](#)

 [AT91 Smart Arm Microcontrollers, LinuxLink Flyer](#)

RoHs Status:

Contains lead / RoHS non-compliant

Ship From:

Hong Kong

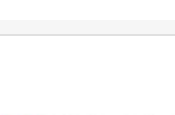
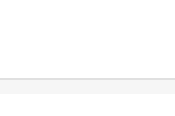
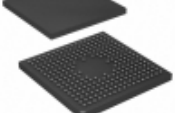
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                |                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | AT91RM9200-QI-002                         | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 32BIT 128KB ROM 208QFP             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4495 pcs                                  | Data sheet                     | <a href="#">AT91RM9200 Summary</a><br><a href="#">AT91 Smart Arm Microcontrollers, LinuxLink Flyer</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 1.65 V ~ 1.95 V                                                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 208-PQFP (28x28)                          | Speed                          | 180MHz                                                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | AT91                                      | RAM Size                       | 48K x 8                                                                                                |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ROM                                       | Program Memory Size            | 128KB (128K x 8)                                                                                       |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | POR                                       | Packaging                      | Tray                                                                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 208-BFQFP                                 | Oscillator Type                | Internal                                                                                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 85°C (TA)                         | Number of I/O                  | 122                                                                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                                     |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                         | Detailed Description           | ARM920T AT91 Microcontroller IC 16/32-Bit 180MHz 128KB (128K x 8) ROM 208-PQFP (28x28)                 |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                         | Core Size                      | 16/32-Bit                                                                                              |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ARM920T                                   | Connectivity                   | EBI/EMI, Ethernet, I²C, Memory Card, SPI, SSC, UART/USART, USB                                         |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | AT91RM9200                                |                                |                                                                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">AT91R40807-33AU</a><br>Description: IC MCU 32BIT ROMLESS 100TQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7A2-AU</a><br>Description: IC MCU 32BIT ROMLESS 176LQFP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91RM9200-EK</a><br>Description: DEVEL KIT                           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7A1-EK</a><br>Description: BOARD EVAL FOR AT91SAM7A1           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7A1-AU</a><br>Description: IC MCU 32BIT ROMLESS 144LQFP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91R40807-33AI</a><br>Description: IC MCU 32BIT ROMLESS 100LQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91RM9200-QU-002</a><br>Description: IC MCU 32BIT 128KB ROM 208QFP   | Manufacturers: <a href="#">Microchip Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7A2-EK</a><br>Description: BOARD EVAL FOR AT91SAM7A2           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91RM9200-DK</a><br>Description: KIT DEVELOPMENT AT91RM9200          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91R40008-66AU-999</a><br>Description: IC MCU 32BIT ROMLESS 100LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91RM9200-QI-002-T</a><br>Description: IC MCU 32BIT 128KB ROM 208QFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91RM9200-CJ-002</a><br>Description: IC MCU 32BIT 128KB ROM 256BGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91RM3400-AU</a><br>Description: IC MCU 32BIT 256KB ROM 100LQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91RM3400-AU-002</a><br>Description: IC MCU 32BIT 256KB ROM 100LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7L-STK</a><br>Description: KIT EVAL FOR AT91SAM7L              | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7A3-EK</a><br>Description: KIT EVAL FOR AT91SAM7A3             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91R40807-33AC</a><br>Description: IC MCU 32BIT ROMLESS 100TQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91RM9200-CI-002</a><br>Description: IC MCU 32BIT 128KB ROM 256BGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7A3-AU</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM-ICE</a><br>Description: EMULATOR JTAG FOR ARM-BASED MCU       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for AT91RM9200-QI-002

|                                                 |                                        |                                                             |                         |
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