

MICROCHIP

Micrel / Microchip Technology

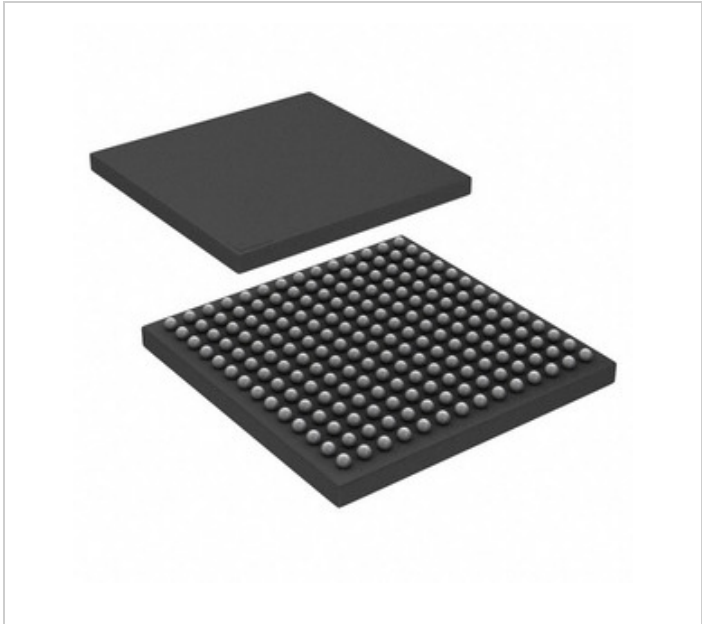


Image may be representation. See specifications for product details.

ATSAMA5D22C-CNR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAMA5D22C-CNR                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT EXT MEM 196TFBGA                                                                                |
| Datasheets:         | <a href="#">PDF</a> ATSAMA5D22C-CNR.pdf                                                                      |
| RoHS Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

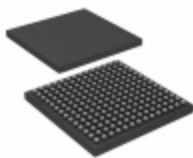
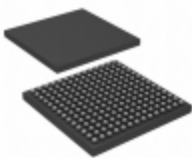
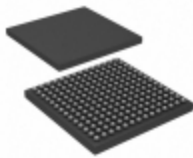
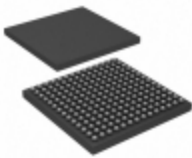
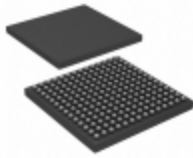
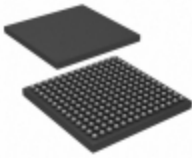
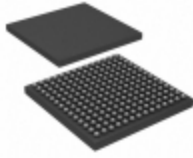
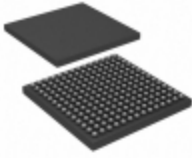
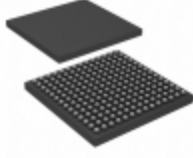
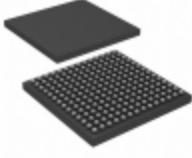
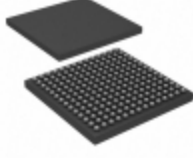
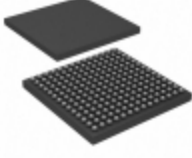
Specifications of ATSAMA5D22C-CNR

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAMA5D22C-CNR                                                                                   |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                     |
| DESCRIPTION                      | IC MCU 32BIT EXT MEM 196TFBGA                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| DATA SHEET                       | <a href="#">PDF</a> ATSAMA5D22C-CNR.pdf                                                           |
| VOLTAGE - I/O                    | 3.3V                                                                                              |
| USB                              | USB 2.0 + HSIC                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 196-TFBGA (11x11)                                                                                 |
| SPEED                            | 500MHz                                                                                            |
| SERIES                           | SAMA5D2                                                                                           |
| SECURITY FEATURES                | ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC |
| SATA                             | -                                                                                                 |
| RAM CONTROLLERS                  | LPDDR1, LPDDR2, LPDDR3, DDR2, DDR3, DDR3L, QSPI                                                   |
| PACKAGING                        | Tape & Reel (TR)                                                                                  |
| PACKAGE / CASE                   | 196-TFBGA, CSBGA                                                                                  |
| OTHER NAMES                      | ATSAMA5D22C-CNRTR                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                |
| NUMBER OF CORES/BUS WIDTH        | 1 Core, 32-Bit                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                     |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| GRAPHICS ACCELERATION            | Yes                                                                                               |
| ETHERNET                         | 10/100 Mbps (1)                                                                                   |
| DISPLAY & INTERFACE CONTROLLERS  | Keyboard, LCD, Touchscreen                                                                        |
| DETAILED DESCRIPTION             | ARM® Cortex®-A5 Microprocessor IC SAMA5D2 1 Core, 32-Bit 500MHz 196-TFBGA (11x11)                 |
| CORE PROCESSOR                   | ARM® Cortex®-A5                                                                                   |
| CO-PROCESSORS/DSP                | Multimedia; NEON™ MPE                                                                             |
| BASE PART NUMBER                 | ATSAMA5D22                                                                                        |
| ADDITIONAL INTERFACES            | I²C, SMC, SPI, UART, USART, QSPI                                                                  |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATSAMA5D22C-CNR | ATSAMA5D22C-CNR Distributor            | ATSAMA5D22C-CNR Supplier                               |
| ATSAMA5D22C-CNR Price                         | ATSAMA5D22C-CNR Pictures               | ATSAMA5D22C-CNR Image                                  |
| ATSAMA5D22C-CNR PDF Datasheet                 | ATSAMA5D22C-CNR Download Datasheet     | ATSAMA5D22C-CNR Datasheet                              |
| ATSAMA5D22C-CNR Stock                         | Buy ATSAMA5D22C-CNR                    | Buy Micrel / Microchip Technology ATSAMA5D22C-CNR      |
| Micrel / Microchip Technology ATSAMA5D22C-CNR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATSAMA5D22C-CNR | Microchip Technology ATSAMA5D22C-CNR   | Roving Networks / Microchip Technology ATSAMA5D22C-CNR |

Related Products

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| <div></div> <div><b>ATSAMA5D22B-CN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT EXT MEM 196TFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>ATSAMA5D22B-CUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT EXT MEM 196TFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>ATSAMA5D23A-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT EXT MEM 196TFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>ATSAMA5D23A-CNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT EXT MEM 196TFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>ATSAMA5D22C-CUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT EXT MEM 196TFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>ATSAMA5D22B-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT EXT MEM 196TFBGA<br/>In stock: 127 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>ATSAMA5D23A-CUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT EXT MEM 196TFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>ATSAMA5D22A-CUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT EXT MEM 196TFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>ATSAMA5D23A-CN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT EXT MEM 196TFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>ATSAMA5D22C-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT EXT MEM 196TFBGA<br/>In stock: 155 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>ATSAMA5D22C-CN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT EXT MEM 196TFBGA<br/>In stock: 173 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>ATSAMA5D22B-CNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT EXT MEM 196TFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |