

MICROCHIP

Microchip Technology



### ATSAMA5D42A-CUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAMA5D42A-CUR                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 128KB ROM 361TFBGA                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 9331 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

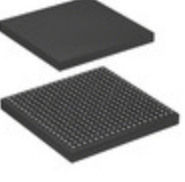
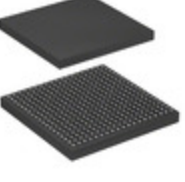
#### Specifications of ATSAMA5D42A-CUR

|                                  |                                                                               |
|----------------------------------|-------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAMA5D42A-CUR                                                               |
| MANUFACTURER                     | Microchip Technology                                                          |
| DESCRIPTION                      | IC MCU 32BIT 128KB ROM 361TFBGA                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                    |
| QUANTITY AVAILABLE               | 9331 pcs                                                                      |
| DATA SHEET                       |                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | ROM                                                                           |
| SERIES                           | SAMA5D4                                                                       |
| REVERSE RECOVERY TIME (TRR)      | 528MHz                                                                        |
| REQUIRES                         | DMA, LCD, POR, PWM, WDT                                                       |
| PROGRAM MEMORY TYPE              | 128KB (128K x 8)                                                              |
| PROGRAM MEMORY SIZE              | EBI/EMI, Ethernet, I²C, MMC/SD, SPI, SSC, UART/USART, USB                     |
| OTHER NAMES                      | 1611-ATSAMA5D42A-CURDKR                                                       |
| OSCILLATOR TYPE                  | A/D 5x10b                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                             |
| OPERATING SYSTEM                 | ARM® Cortex®-A5                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                 |
| MANUFACTURER PART NUMBER         | ATSAMA5D42A-CUR                                                               |
| EXPANDED DESCRIPTION             | ARM® Cortex®-A5 SAMA5D4 Microcontroller IC 32-Bit 528MHz 128KB (128K x 8) ROM |
| DESCRIPTION                      | IC MCU 32BIT 128KB ROM 361TFBGA                                               |
| DATA SRAM BYTES                  | -                                                                             |
| DATA CONVERTERS                  | 1.62 V ~ 1.98 V                                                               |
| CORE SIZE                        | 128K x 8                                                                      |
| CONTROLLER SERIES                | Internal                                                                      |
| CONNECTIVITY                     | 32-Bit                                                                        |
| CLOCK RATE                       | 152                                                                           |

#### Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATSAMA5D42A-CUR | ATSAMA5D42A-CUR Distributor            | ATSAMA5D42A-CUR Supplier                               |
| ATSAMA5D42A-CUR Price                         | ATSAMA5D42A-CUR Pictures               | ATSAMA5D42A-CUR Image                                  |
| ATSAMA5D42A-CUR PDF Datasheet                 | ATSAMA5D42A-CUR Download Datasheet     | ATSAMA5D42A-CUR Datasheet                              |
| ATSAMA5D42A-CUR Stock                         | Buy ATSAMA5D42A-CUR                    | Buy Micrel / Microchip Technology ATSAMA5D42A-CUR      |
| Micrel / Microchip Technology ATSAMA5D42A-CUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATSAMA5D42A-CUR | Microchip Technology ATSAMA5D42A-CUR   | Roving Networks / Microchip Technology ATSAMA5D42A-CUR |

#### Related Products

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| <div></div> <div><b>ATSAMA5D41A-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB ROM 289LFBGA<br/>In stock: 8074 pcs</div> <div>RFQ</div>   | <div></div> <div><b>ATSAMA5D42A-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB ROM 361TFBGA<br/>In stock: 7235 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>ATSAMA5D41A-CUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB ROM 289LFBGA<br/>In stock: 17527 pcs</div> <div>RFQ</div> | <div></div> <div><b>ATSAMA5D43A-CUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB ROM 289LFBGA<br/>In stock: 18747 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>ATSAMA5D41A-CUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 128KB ROM 289LFBGA<br/>In stock: 10697 pcs</div> <div>RFQ</div>          | <div></div> <div><b>ATSAMA5D43A-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB ROM 289LFBGA<br/>In stock: 8993 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>ATSAMA5D41B-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: BGA GREEN, IND TEMP,MRLB<br/>In stock: 8104 pcs</div> <div>RFQ</div>          | <div></div> <div><b>ATSAMA5D41B-CUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: BGA GREEN, IND TEMP<br/>In stock: 8823 pcs</div> <div>RFQ</div>              |
| <div></div> <div><b>ATSAMA5D42A-CUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB ROM 361TFBGA<br/>In stock: 17055 pcs</div> <div>RFQ</div> | <div></div> <div><b>ATSAMA5D42B-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: BGA GREEN, IND TEMP,MRLB<br/>In stock: 8827 pcs</div> <div>RFQ</div>          |
| <div></div> <div><b>ATSAMA5D43A-CUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 128KB ROM 289LFBGA<br/>In stock: 7821 pcs</div> <div>RFQ</div>           | <div></div> <div><b>ATSAMA5D42B-CUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: BGA GREEN, IND TEMP<br/>In stock: 8743 pcs</div> <div>RFQ</div>              |