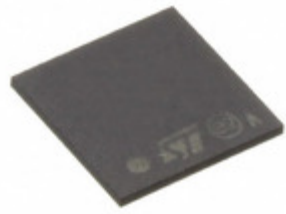


ATSAME70Q21B-CFNT



Images are for reference only.  
See Product Specifications for product details.  
Buy ATSAME70Q21B-CFNT with confidence from  
Component-World.HK, 1 Year Warranty



Part Number: [ATSAME70Q21B-CFNT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 2MB FLASH 144UFBGA

Data sheet:  [SAM E/S/V70,V71 Family Errata](#)  
 [SAM E/S/V70,V71 Family Datasheet](#)

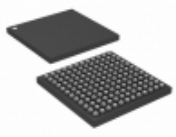
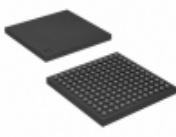
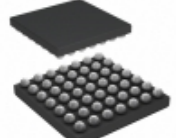
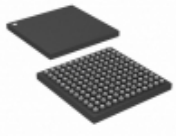
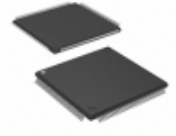
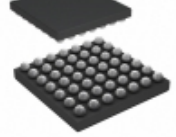
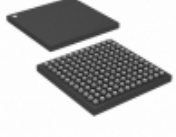
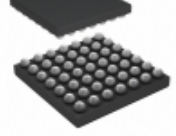
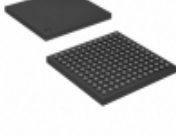
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                              |                                  |                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ATSAME70Q21B-CFNT                                            | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 32BIT 2MB FLASH 144UFBGA                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 8513 pcs                                                     | Data sheet                       | <a href="#">SAM E/S/V70,V71 Family Errata</a><br><a href="#">SAM E/S/V70,V71 Family Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                    | Voltage - Supply (Vcc/Vdd)       | 1.62 V ~ 3.6 V                                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 144-UFBGA (6x6)                                              | Speed                            | 300MHz                                                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SAM E70                                                      | RAM Size                         | 384K x 8                                                                                          |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FLASH                                                        | Program Memory Size              | 2MB (2M x 8)                                                                                      |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT | Packaging                        | Cut Tape (CT)                                                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 144-UFBGA                                                    | Other Names                      | ATSAME70Q21B-CFNTCT                                                                               |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Internal                                                     | Operating Temperature            | -40°C ~ 105°C (TA)                                                                                |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 114                                                          | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                     |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6 Weeks                                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                        |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                            | Detailed Description             | ARM® Cortex®-M7 SAM E70 Microcontroller IC 32-Bit 300MHz 2MB (2M x 8) FLASH 144-UFBGA (6x6)       |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A/D 24x12b, D/A 2x12b                                        | Core Size                        | 32-Bit                                                                                            |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ARM® Cortex®-M7                                              | Connectivity                     | CANbus, EBI/EMI, Ethernet, I <sup>2</sup> C, IrDA, LINbus, MMC/SD/SDIO, SPI, UART/USART, USB      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 8513 pieces of Micrel / Microchip Technology ATSAME70Q21B-CFNT in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                              |                                  |                                                                                                   |

| RELATED PRODUCTS                                                                   |                                                                                          |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ATSAME70Q21B-CNT</a><br>Description: IC MCU 32BIT 2MB FLASH 144LFBGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAME70Q21A-CNT</a><br>Description: IC MCU 32BIT 2MB FLASH 144LFBGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMG53G19B-UUT</a><br>Description: IC MCU 32BIT 512KB FLASH 49WLCSP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAME70Q21A-CFN</a><br>Description: IC MCU 32BIT 2MB FLASH 144UFBGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMG51N18A-AU</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAME70Q21A-AN</a><br>Description: IC MCU 32BIT 2MB FLASH 144LQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMG53N19B-AU</a><br>Description: IC MCU 32BIT 512KB FLASH 100LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAME70Q20B-CNT</a><br>Description: IC MCU 32BIT 1MB FLASH 144LFBGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAME70Q21A-ANT</a><br>Description: IC MCU 32BIT 2MB FLASH 144LQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAME70Q21B-CFN</a><br>Description: IC MCU 32BIT 2MB FLASH 144UFBGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAME70Q21B-AN</a><br>Description: IC MCU 32BIT 2MB FLASH 144LQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMG53G19A-UUT</a><br>Description: IC MCU 32BIT 512KB FLASH 49WLCSP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAME70Q21B-CN</a><br>Description: IC MCU 32BIT 2MB FLASH 144LFBGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMG51G18A-UUT</a><br>Description: IC MCU 32Bit 256KB FLASH 49WLCSP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMG53-XPRO</a><br>Description: SAMG53 XPLAINED PRO EVAL KIT        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMG53N19A-AU</a><br>Description: IC MCU 32BIT 512KB FLASH 100LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMG54G19B-UUT</a><br>Description: IC MCU 32BIT 512KB FLASH 49WLCSP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAME70Q21A-CFNT</a><br>Description: IC MCU 32BIT 2MB FLASH 144UFBGA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAME70Q21A-CN</a><br>Description: IC MCU 32BIT 2MB FLASH 144LFBGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAME70Q21B-ANT</a><br>Description: IC MCU 32BIT 2MB FLASH 144LQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for ATSAME70Q21B-CFNT

|                                                 |                                                 |                                        |                                                          |
|-------------------------------------------------|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology ATSAME70Q21B-CFNT | ATSAME70Q21B-CFNT distributor                   | ATSAME70Q21B-CFNT supplier             | ATSAME70Q21B-CFNT price                                  |
|                                                 | ATSAME70Q21B-CFNT download datasheet            | ATSAME70Q21B-CFNT datasheet            | ATSAME70Q21B-CFNT stock                                  |
| buy ATSAME70Q21B-CFNT                           | Micrel / Microchip Technology ATSAME70Q21B-CFNT | Microchip Technology ATSAME70Q21B-CFNT | Roving Networks / Microchip Technology ATSAME70Q21B-CFNT |