



Microchip Technology



ATSAML22G17A-AUT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAML22G17A-AUT                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 128KB FLASH 48TQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 30768 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 ATSAML22G17A-AUT

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAML22G17A-AUT                                                                 |
| MANUFACTURER                     | Microchip Technology                                                             |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 48TQFP                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| QUANTITY AVAILABLE               | 30768 pcs                                                                        |
| DATA SHEET                       |                                                                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                            |
| SERIES                           | SAM L22G                                                                         |
| REVERSE RECOVERY TIME (TRR)      | 32MHz                                                                            |
| REQUIRES                         | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT                                  |
| PROGRAM MEMORY TYPE              | 128KB (128K x 8)                                                                 |
| PROGRAM MEMORY SIZE              | I²C, SPI, UART/USART, USB                                                        |
| OTHER NAMES                      | 1611-ATSAML22G17A-AUTDKR                                                         |
| OSCILLATOR TYPE                  | A/D 10x12b                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                |
| OPERATING SYSTEM                 | ARM® Cortex®-M0+                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                    |
| MANUFACTURER PART NUMBER         | ATSAML22G17A-AUT                                                                 |
| EXPANDED DESCRIPTION             | ARM® Cortex®-M0+ SAM L22G Microcontroller IC 32-Bit 32MHz 128KB (128K x 8) FLASH |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 48TQFP                                                  |
| DATA SRAM BYTES                  | -                                                                                |
| DATA CONVERTERS                  | 1.62 V ~ 3.63 V                                                                  |
| CORE SIZE                        | 16K x 8                                                                          |
| CONTROLLER SERIES                | Internal                                                                         |
| CONNECTIVITY                     | 32-Bit                                                                           |
| CLOCK RATE                       | 36                                                                               |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATSAML22G17A-AUT | ATSAML22G17A-AUT Distributor           | ATSAML22G17A-AUT Supplier                               |
| ATSAML22G17A-AUT Price                         | ATSAML22G17A-AUT Pictures              | ATSAML22G17A-AUT Image                                  |
| ATSAML22G17A-AUT PDF Datasheet                 | ATSAML22G17A-AUT Download Datasheet    | ATSAML22G17A-AUT Datasheet                              |
| ATSAML22G17A-AUT Stock                         | Buy ATSAML22G17A-AUT                   | Buy Micrel / Microchip Technology ATSAML22G17A-AUT      |
| Micrel / Microchip Technology ATSAML22G17A-AUT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATSAML22G17A-AUT | Microchip Technology ATSAML22G17A-AUT  | Roving Networks / Microchip Technology ATSAML22G17A-AUT |

Related Products

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| <div><div>ATSAML22G16A-AUT</div><div>Manufacturers: Microchip Technology</div><div>Description: IC MCU 32BIT 64KB FLASH 48TQFP</div><div>In stock: 38595 pcs</div><div>RFQ</div></div>           | <div><div>ATSAML22G17A-AUT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 128KB FLASH 48TQFP</div><div>In stock: 57292 pcs</div><div>RFQ</div></div> |
| <div><div>ATSAML22G17A-UUT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: MCU 32BIT 128KB FLASH</div><div>In stock: 42114 pcs</div><div>RFQ</div></div>           | <div><div>ATSAML22G16A-MUT</div><div>Manufacturers: Microchip Technology</div><div>Description: IC MCU 32BIT 64KB FLASH 48QFN</div><div>In stock: 39203 pcs</div><div>RFQ</div></div>            |
| <div><div>ATSAML22G16A-MUT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 64KB FLASH 48QFN</div><div>In stock: 71165 pcs</div><div>RFQ</div></div>   | <div><div>ATSAML22G17A-MUT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 128KB FLASH 48QFN</div><div>In stock: 38499 pcs</div><div>RFQ</div></div>  |
| <div><div>ATSAML22G18A-MUT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 256KB FLASH 48QFN</div><div>In stock: 27308 pcs</div><div>RFQ</div></div>  | <div><div>ATSAML22G18A-AUT</div><div>Manufacturers: Microchip Technology</div><div>Description: IC MCU 32BIT 256KB FLASH 48TQFP</div><div>In stock: 26492 pcs</div><div>RFQ</div></div>          |
| <div><div>ATSAML22-XPRO-B</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: SAM L22 XPLAINED PRO EVAL BOARD</div><div>In stock: 1486 pcs</div><div>RFQ</div></div>   | <div><div>ATSAML22G17A-MUT</div><div>Manufacturers: Microchip Technology</div><div>Description: IC MCU 32BIT 128KB FLASH 48QFN</div><div>In stock: 32792 pcs</div><div>RFQ</div></div>           |
| <div><div>ATSAML22G18A-AUT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 256KB FLASH 48TQFP</div><div>In stock: 28817 pcs</div><div>RFQ</div></div> | <div><div>ATSAML22G16A-AUT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 32BIT 64KB FLASH 48TQFP</div><div>In stock: 33361 pcs</div><div>RFQ</div></div>  |