



Microchip Technology



ATSAMC21E18A-AUT

|                     |                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAMC21E18A-AUT                                                                                                          |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                             |
| Product description | IC MCU 32BIT 256KB FLASH 32TQFP                                                                                           |
| Datasheets:         |                                                                                                                           |
| RoHs Status         | <div>  Lead free / RoHS Compliant </div> |
| Stock Condition     | 37431 pcs stock                                                                                                           |
| Ship From           | Hong Kong                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                     |

REQUEST FOR QUOTATION

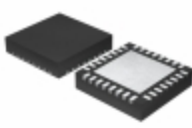
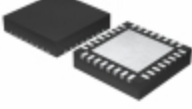
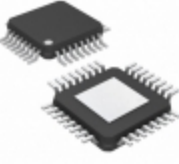
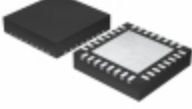
Specifications of ATSAMC21E18A-AUT

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAMC21E18A-AUT                                                                |
| MANUFACTURER                     | Microchip Technology                                                            |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 32TQFP                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                      |
| QUANTITY AVAILABLE               | 37431 pcs                                                                       |
| DATA SHEET                       |                                                                                 |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                           |
| SERIES                           | SAM C21                                                                         |
| REVERSE RECOVERY TIME (TRR)      | 48MHz                                                                           |
| REQUIRES                         | Brown-out Detect/Reset, DMA, POR, WDT                                           |
| PROGRAM MEMORY TYPE              | 256KB (256K x 8)                                                                |
| PROGRAM MEMORY SIZE              | CAN, I²C, LIN, SPI, UART/USART                                                  |
| OTHER NAMES                      | 1611-ATSAMC21E18A-AUTDKR                                                        |
| OSCILLATOR TYPE                  | A/D 10x12b, 1x16b, D/A 1x10b                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                               |
| OPERATING SYSTEM                 | ARM® Cortex®-M0+                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                   |
| MANUFACTURER PART NUMBER         | ATSAMC21E18A-AUT                                                                |
| EXPANDED DESCRIPTION             | ARM® Cortex®-M0+ SAM C21 Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 32TQFP                                                 |
| DATA SRAM BYTES                  | -                                                                               |
| DATA CONVERTERS                  | 2.7 V ~ 5.5 V                                                                   |
| CORE SIZE                        | 32K x 8                                                                         |
| CONTROLLER SERIES                | Internal                                                                        |
| CONNECTIVITY                     | 32-Bit                                                                          |
| CLOCK RATE                       | 26                                                                              |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATSAMC21E18A-AUT | ATSAMC21E18A-AUT Distributor           | ATSAMC21E18A-AUT Supplier                               |
| ATSAMC21E18A-AUT Price                         | ATSAMC21E18A-AUT Pictures              | ATSAMC21E18A-AUT Image                                  |
| ATSAMC21E18A-AUT PDF Datasheet                 | ATSAMC21E18A-AUT Download Datasheet    | ATSAMC21E18A-AUT Datasheet                              |
| ATSAMC21E18A-AUT Stock                         | Buy ATSAMC21E18A-AUT                   | Buy Micrel / Microchip Technology ATSAMC21E18A-AUT      |
| Micrel / Microchip Technology ATSAMC21E18A-AUT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATSAMC21E18A-AUT | Microchip Technology ATSAMC21E18A-AUT  | Roving Networks / Microchip Technology ATSAMC21E18A-AUT |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      |
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|  <div> <b>ATSAMC21E18A-MUT</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 32VQFN<br/> In stock: 40151 pcs </div> <div>RFQ</div> |  <div> <b>ATSAMC21G15A-ANT</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 32KB FLASH 48TQFP<br/> In stock: 53717 pcs </div> <div>RFQ</div>  |
|  <div> <b>ATSAMC21E18A-MUT</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 32VQFN<br/> In stock: 33725 pcs </div> <div>RFQ</div>          |  <div> <b>ATSAMC21E17A-MUT</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 128KB FLASH 32QFN<br/> In stock: 52683 pcs </div> <div>RFQ</div>  |
|  <div> <b>ATSAMC21E17A-AUT</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 128KB FLASH 32TQFP<br/> In stock: 44569 pcs </div> <div>RFQ</div> |  <div> <b>ATSAMC21E18A-ANT</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 32TQFP<br/> In stock: 39149 pcs </div> <div>RFQ</div> |
|  <div> <b>ATSAMC21E18A-AUT</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 32TQFP<br/> In stock: 37312 pcs </div> <div>RFQ</div> |  <div> <b>ATSAMC21E18A-MNT</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 32VQFN<br/> In stock: 33778 pcs </div> <div>RFQ</div> |
|  <div> <b>ATSAMC21E17A-MNT</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 128KB FLASH 32QFN<br/> In stock: 41757 pcs </div> <div>RFQ</div>  |  <div> <b>ATSAMC21G15A-MNT</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 32KB FLASH 48VQFN<br/> In stock: 40812 pcs </div> <div>RFQ</div>  |
|  <div> <b>ATSAMC21E17A-ANT</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 128KB FLASH 32TQFP<br/> In stock: 49560 pcs </div> <div>RFQ</div> |  <div> <b>ATSAMC21G15A-AUT</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 32KB FLASH 48TQFP<br/> In stock: 49115 pcs </div> <div>RFQ</div>  |