



Microchip Technology



ATSAMD21E17A-AUT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAMD21E17A-AUT                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 128KB FLASH 32TQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 45890 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.

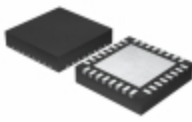
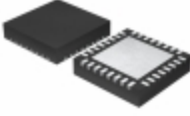
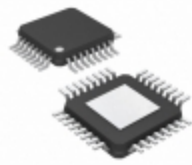
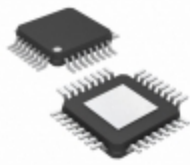
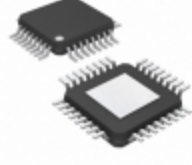
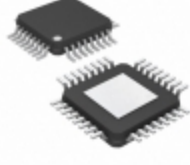
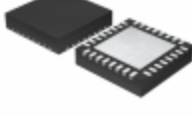
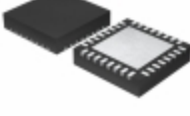
Specifications of ATSAMD21E17A-AUT

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAMD21E17A-AUT                                                                 |
| MANUFACTURER                     | Microchip Technology                                                             |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 32TQFP                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| QUANTITY AVAILABLE               | 45890 pcs                                                                        |
| DATA SHEET                       |                                                                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                            |
| SERIES                           | SAM D21E                                                                         |
| REVERSE RECOVERY TIME (TRR)      | 48MHz                                                                            |
| REQUIRES                         | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                  |
| PROGRAM MEMORY TYPE              | 128KB (128K x 8)                                                                 |
| PROGRAM MEMORY SIZE              | I²C, LIN, SPI, UART/USART, USB                                                   |
| OTHER NAMES                      | 1611-ATSAMD21E17A-AUTDKR                                                         |
| OSCILLATOR TYPE                  | A/D 10x12b, 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         | ATSAMD21E17A-AUT                                                                 |
| EXPANDED DESCRIPTION             | ARM® Cortex®-M0+ SAM D21E Microcontroller IC 32-Bit 48MHz 128KB (128K x 8) FLASH |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 32TQFP                                                  |
| DATA SRAM BYTES                  | -                                                                                |
| DATA CONVERTERS                  | 1.62 V ~ 3.6 V                                                                   |
| CORE SIZE                        | 16K x 8                                                                          |
| CONTROLLER SERIES                | Internal                                                                         |
| CONNECTIVITY                     | 32-Bit                                                                           |
| CLOCK RATE                       | 26                                                                               |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATSAMD21E17A-AUT | ATSAMD21E17A-AUT Distributor           | ATSAMD21E17A-AUT Supplier                               |
| ATSAMD21E17A-AUT Price                         | ATSAMD21E17A-AUT Pictures              | ATSAMD21E17A-AUT Image                                  |
| ATSAMD21E17A-AUT PDF Datasheet                 | ATSAMD21E17A-AUT Download Datasheet    | ATSAMD21E17A-AUT Datasheet                              |
| ATSAMD21E17A-AUT Stock                         | Buy ATSAMD21E17A-AUT                   | Buy Micrel / Microchip Technology ATSAMD21E17A-AUT      |
| Micrel / Microchip Technology ATSAMD21E17A-AUT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
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Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ATSAMD21E17A-MFT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 32QFN<br/>In stock: 48819 pcs<br/>RFQ</div>  |  <div><b>ATSAMD21E18A-AFT</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 32TQFP<br/>In stock: 29876 pcs<br/>RFQ</div>           |
|  <div><b>ATSAMD21E18A-AF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 32TQFP<br/>In stock: 24854 pcs<br/>RFQ</div>  |  <div><b>ATSAMD21E17A-MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 32QFN<br/>In stock: 56936 pcs<br/>RFQ</div>    |
|  <div><b>ATSAMD21E17A-AFT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 32TQFP<br/>In stock: 45767 pcs<br/>RFQ</div> |  <div><b>ATSAMD21E17A-AUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 32TQFP<br/>In stock: 57230 pcs<br/>RFQ</div>  |
|  <div><b>ATSAMD21E17A-AU</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 32TQFP<br/>In stock: 52237 pcs<br/>RFQ</div>           |  <div><b>ATSAMD21E16LMOTOR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SAMD21E16L BLDC MOTOR CTRL BOARD<br/>In stock: 1507 pcs<br/>RFQ</div> |
|  <div><b>ATSAMD21E17A-AF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 32TQFP<br/>In stock: 43929 pcs<br/>RFQ</div>  |  <div><b>ATSAMD21E17A-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 32TQFP<br/>In stock: 42684 pcs<br/>RFQ</div>   |
|  <div><b>ATSAMD21E17A-MUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 32QFN<br/>In stock: 36643 pcs<br/>RFQ</div>  |  <div><b>ATSAMD21E17A-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 32QFN<br/>In stock: 43883 pcs<br/>RFQ</div>    |