
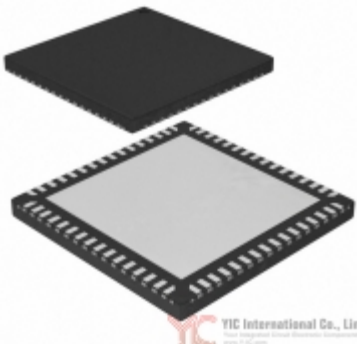



|   |   |  |
|---|---|--|
|   | <h2 style="color: #E67E22;">ATSAML22J18A-MUT</h2> |  |
|   | <b>Manufacturer Part Number:</b>                  | ATSAML22J18A-MUT   |
|  | <b>Manufacturer/Brand:</b>                        | Micrel / Microchip Technology  |
|   | <b>Part of Description:</b>                       | IC MCU 32BIT 256KB FLASH 64QFN   |
| Image may be representation.<br>See specs for product details.                    | <b>Datasheets:</b>                                | <a href="#">1.ATSAML22J18A-MUT.pdf</a><br><a href="#">2.ATSAML22J18A-MUT.pdf</a>                   |
|   | <b>RoHs Status:</b>                               |  Lead free / RoHS |
|   | <b>Stock Condition:</b>                           | Compliant<br>New original, Stock Available.  |
|   | <b>Ship From:</b>                                 | Hong Kong  |
|   | <b>Shipment Way:</b>                              | DHL/Fedex/TNT/UPS/EMS  |


### Specifications

|                            |   |
|----------------------------|---|
| Part Number                | ATSAML22J18A-MUT  |
| Manufacturer               | Micrel / Microchip Technology                           |
| Description                | IC MCU 32BIT 256KB FLASH 64QFN                          |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | Require For Quote & Check Stock                         |
| Series                     | SAM L22J  |
| Operating Temperature      | -40°C ~ 85°C (TA)                                       |
| Package / Case             | 64-VFQFN Exposed Pad                                    |
| Supplier Device Package    | 64-QFN (9x9)  |
| Peripherals                | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT         |
| Core Processor             | ARM® Cortex®-M0+  |
| Speed                      | 32MHz   |
| Number of I/O              | 50  |
| EEPROM Size                | -   |
| RAM Size                   | 32K x 8   |
| Core Size                  | 32-Bit  |
| Connectivity               | I <sup>2</sup> C, SPI, UART/USART, USB                  |
| Program Memory Size        | 256KB (256K x 8)  |
| Program Memory Type        | FLASH   |
| Voltage - Supply (Vcc/Vdd) | 1.62 V ~ 3.63 V   |
| Data Converters            | A/D 16x12b  |
| Oscillator Type            | Internal  |
| Packaging                  | Tape & Reel (TR)  |

ATSAML22J18A-MUT is New Original in Stock, Search ATSAML22J18A-MUT Datasheets, PDF, Inventory at Y-IC.com Online, Order ATSAML22J18A-MUT Micrel / Microchip Technology with warrantied and confidence. RFQ ATSAML22J18A-MUT : Info@Y-IC.com

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| ⊕ 08051C392KAJ2A     | ↔ 08053C683JAT2A       | ⇒ ADV202BBCZ-150 | D BA5814FM-E2        | ⇒ CAT25C08SE         |
| ⊖ CL21F105ZBFNNNF    | ⊕ CL331-0521-610       | D CPDV12V0SP-HF  | ⇒ DMC2020USD         | ⇒ DMG9926USD-13-F    |
| ⊕ DT142N10KOF        | ⊖ ET21X111BN           | ⊕ FSD0A014AB     | ↔ GM7110-3.3TA5R     | ⇒ GRM0335C1H5R0BA01D |
| D GRM1555C1E2R1CA01D | ⊕ GRM1556T1H2R2CD01D   | ⊖ HZU2.2BTRF     | ⊕ IPA80R1K0CE        | ⇒ KP1010/KPC817B     |
| ⇒ LA6583M-NMB-TLM3-E | ↔ LMH6682MMX           | ⊕ LSP1084D18AG   | ⊖ LT1460LHS8-5#TRPBF | ⇒ LTST-C191GKT       |
| ↔ MA3047-H           | ⇒ MB89259A-PF-G-BND-TR | D MC145201F      | ⊕ MC835X4-002W       | ⊖ MCP1802T-1802I/OT  |
| ⊕ ME4410AD-G         | D MG150H2CL1           | ⇒ MIC5318-3.3YMT | ↔ NCP1238BD65R2G     | ⇒ NCP3235MNTXG       |
| ⊖ NT68521AXFG        | ⊕ NTD30N06T4G          | ↔ P2HM505HA      | ⇒ P6KE51A-E3/73      | ⇒ P89A20PM           |
| ⊕ PC928PJ0000F       | ⊖ PCA9551D             | ⊕ PQ20VZ5UJ00H   | D PRC201-0.05R       | ⇒ RM30DZ-M           |
| ↔ SN74LVC1G04YZVR    | ⊕ T358S11TCL           | ⊖ TAS5121DKDR    | ⊕ V20120C-E3/4W      | ⇒ VLS4012ET-220M     |

Contact us: [Info@Y-IC.com](mailto:Info@Y-IC.com)

ADD: Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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