



Micrel / Microchip Technology



ATSAME51J18A-AU

Part Number:	ATSAME51J18A-AU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 256KB FLASH 64TQFP
Datasheets:	 1.ATSAME51J18A-AU.pdf  2.ATSAME51J18A-AU.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	25261 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

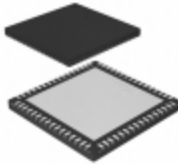
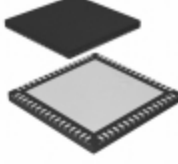
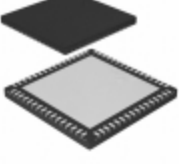
Specifications of ATSAME51J18A-AU

PART NUMBER	ATSAME51J18A-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	25261 pcs
DATA SHEET	 1.ATSAME51J18A-AU.pdf  2.ATSAME51J18A-AU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.63 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
SPEED	120MHz
SERIES	SAM E51
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM
PACKAGING	Tray
PACKAGE / CASE	64-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	51
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4F SAM E51 Microcontroller IC 32-Bit 120MHz 256KB (256K x 8) FLASH 64-TQFP (10x10)
DATA CONVERTERS	A/D 24x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4F
CONNECTIVITY	CANbus, EBI/EMI, I²C, IrDA, LINbus, MMC/SD, QSPI, SPI, UART/USART, USB

Related Tags

Micrel / Microchip Technology ATSAME51J18A-AU	ATSAME51J18A-AU Distributor	ATSAME51J18A-AU Supplier
ATSAME51J18A-AU Price	ATSAME51J18A-AU Pictures	ATSAME51J18A-AU Image
ATSAME51J18A-AU PDF Datasheet	ATSAME51J18A-AU Download Datasheet	ATSAME51J18A-AU Datasheet
ATSAME51J18A-AU Stock	Buy ATSAME51J18A-AU	Buy Micrel / Microchip Technology ATSAME51J18A-AU
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Micrel / Microchip Technology ATSAME51J18A-AU	Microchip Technology ATSAME51J18A-AU	Roving Networks / Microchip Technology ATSAME51J18A-AU

Related Products

 ATSAME51J18A-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 21845 pcs RFQ	 ATSAMDA1G16B-ABT Manufacturers: Micrel / Microchip Technology Description: 48 TQFP 7X7X1.0MM In stock: 35595 pcs RFQ
 ATSAME51J18A-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 19119 pcs RFQ	 ATSAMDA1J14B-ABT Manufacturers: Micrel / Microchip Technology Description: 64 TQFP 7X7X1.0MM In stock: 41445 pcs RFQ
 ATSAME51J19A-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64TQFP In stock: 19226 pcs RFQ	 ATSAME51J19A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64TQFP In stock: 19694 pcs RFQ
 ATSAME51J18A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 19636 pcs RFQ	 ATSAMDA1J16B-ABT Manufacturers: Micrel / Microchip Technology Description: 64 TQFP 7X7X1.0MM In stock: 34789 pcs RFQ
 ATSAMDA1J15B-ABT Manufacturers: Micrel / Microchip Technology Description: 64 TQFP 7X7X1.0MM In stock: 36035 pcs RFQ	 ATSAMDA1G16B-MBT Manufacturers: Micrel / Microchip Technology Description: 48 QFN 5X5X0.9MM In stock: 38290 pcs RFQ
 ATSAMDA1G15B-MBT Manufacturers: Micrel / Microchip Technology Description: 48 QFN 5X5X0.9MM In stock: 41965 pcs RFQ	 ATSAME51J19A-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64QFN In stock: 20740 pcs RFQ