



Micrel / Microchip Technology

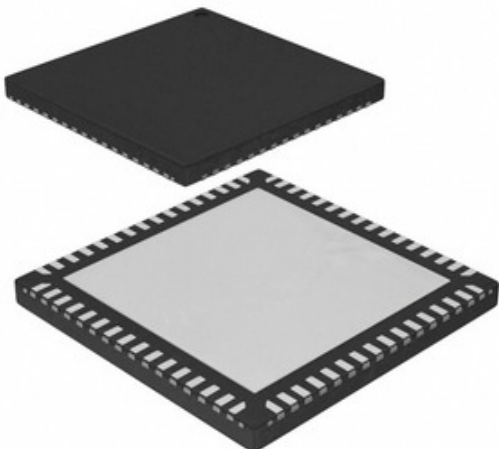


Image may be representation. See specifications for product details.

ATSAME53J18A-MU

Part Number:	ATSAME53J18A-MU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 256KB FLASH 64QFN
Datasheets:	1.ATSAME53J18A-MU.pdf 2.ATSAME53J18A-MU.pdf
RoHs Status	Lead free / RoHS Compliant
Stock Condition	22968 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

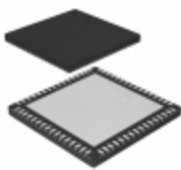
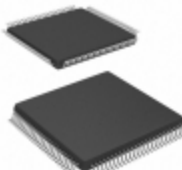
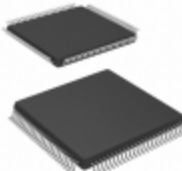
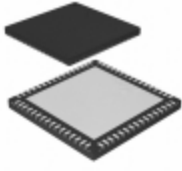
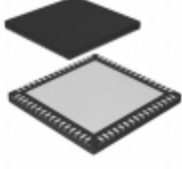
Specifications of ATSAME53J18A-MU

PART NUMBER	ATSAME53J18A-MU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 64QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	22968 pcs
DATA SHEET	1.ATSAME53J18A-MU.pdf 2.ATSAME53J18A-MU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.63 V
SUPPLIER DEVICE PACKAGE	64-VQFN (9x9)
SPEED	120MHz
SERIES	SAM E53
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, WDT
PACKAGING	Tray
PACKAGE / CASE	64-VFQFN Exposed Pad
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 E53 Microcontroller IC 32-Bit 120MHz 256KB (256K x 8) FLASH 64-VQFN (9x9)
DATA CONVERTERS	A/D 24x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4F
CONNECTIVITY	EBI/EMI, Ethernet, I²C, IrDA, LINbus, MMC/SD, QSPI, SPI, UART/USART, USB

Related Tags

Micrel / Microchip Technology ATSAME53J18A-MU	ATSAME53J18A-MU Distributor	ATSAME53J18A-MU Supplier
ATSAME53J18A-MU Price	ATSAME53J18A-MU Pictures	ATSAME53J18A-MU Image
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ATSAME53J18A-MU Stock	Buy ATSAME53J18A-MU	Buy Micrel / Microchip Technology ATSAME53J18A-MU
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Micrel / Microchip Technology ATSAME53J18A-MU	Microchip Technology ATSAME53J18A-MU	Roving Networks / Microchip Technology ATSAME53J18A-MU

Related Products

 ATSAME53J19A-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64QFN In stock: 21459 pcs RFQ	 ATSAME51N19A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100TQFP In stock: 19008 pcs RFQ
 ATSAME53J20A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64TQFP In stock: 15156 pcs RFQ	 ATSAME51N19A-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100TQFP In stock: 18790 pcs RFQ
 ATSAME53J19A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64TQFP In stock: 20544 pcs RFQ	 ATSAME53J19A-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64TQFP In stock: 26483 pcs RFQ
 ATSAME51N20A-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TQFP In stock: 15016 pcs RFQ	 ATSAME53J19A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64QFN In stock: 20422 pcs RFQ
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 ATSAME53J18A-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 29662 pcs RFQ	 ATSAME53J18A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 22348 pcs RFQ