



ATSAML10E14A-AF

Part Number:	ATSAML10E14A-AF
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 16KB FLASH 32TQFP
Datasheets:	1.ATSAML10E14A-AF.pdf 2.ATSAML10E14A-AF.pdf
RoHS Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

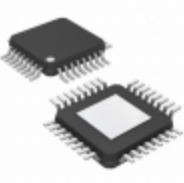
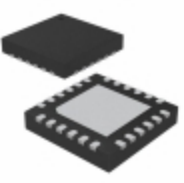
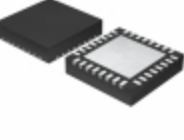
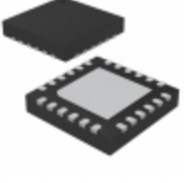
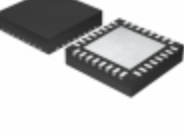
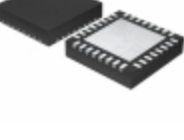
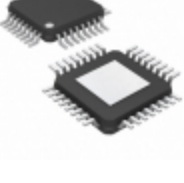
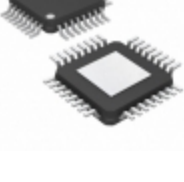
Specifications of ATSAML10E14A-AF

PART NUMBER	ATSAML10E14A-AF
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 16KB FLASH 32TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.ATSAML10E14A-AF.pdf PDF 2.ATSAML10E14A-AF.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.63 V
SUPPLIER DEVICE PACKAGE	32-TQFP (7x7)
SPEED	32MHz
SERIES	SAM L10
RAM SIZE	4K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	32-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	25
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	16 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	2K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M23 SAM L10 Microcontroller IC 32-Bit 32MHz 16KB (16K x 8) FLASH 32-TQFP (7x7)
DATA CONVERTERS	A/D 10x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M23
CONNECTIVITY	I²C, LINbus, SPI, UART/USART

Related Tags

Micrel / Microchip Technology ATSAML10E14A-AF	ATSAML10E14A-AF Distributor	ATSAML10E14A-AF Supplier
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Related Products

 ATSAML10E14A-AFT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 32TQFP In stock: Out stock RFQ	 ATSAML10D16A-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 24VQFN In stock: 162 pcs RFQ
 ATSAML10D16A-YUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 24SSOP In stock: Out stock RFQ	 ATSAML10E14A-MFT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 32VQFN In stock: Out stock RFQ
 ATSAML10D16A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 24VQFN In stock: Out stock RFQ	 ATSAML10E14A-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 32VQFN In stock: 200 pcs RFQ
 ATSAML10D16A-YFT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 24SSOP In stock: Out stock RFQ	 ATSAML10E14A-MF Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 32VQFN In stock: Out stock RFQ
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