




Micrel / Microchip Technology

ATSAML11D16A-YF

Part Number:	ATSAML11D16A-YF
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 64KB FLASH 24SSOP
Datasheets:	1.ATSAML11D16A-YF.pdf 2.ATSAML11D16A-YF.pdf
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

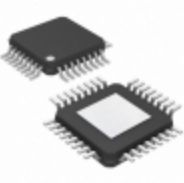
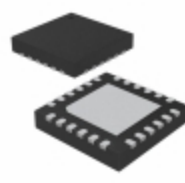
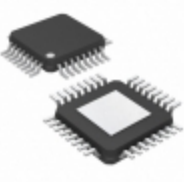

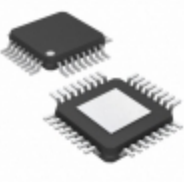
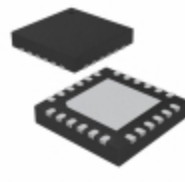


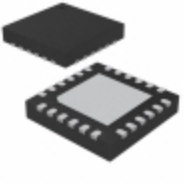
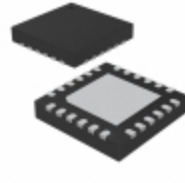


Specifications of ATSAML11D16A-YF

PART NUMBER	ATSAML11D16A-YF
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 64KB FLASH 24SSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.ATSAML11D16A-YF.pdf 2.ATSAML11D16A-YF.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.63 V
SUPPLIER DEVICE PACKAGE	24-SSOP
SPEED	32MHz
SERIES	SAM L11
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	24-SSOP (0.209", 5.30mm Width)
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	17
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
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 L11 Microcontroller IC 32-Bit 32MHz 64KB (64K x 8) FLASH 24-SSOP
DATA CONVERTERS	A/D 5x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M23
CONNECTIVITY	I ² C, LINbus, SPI, UART/USART

Related Tags

Micrel / Microchip Technology ATSAML11D16A-YF	ATSAML11D16A-YF Distributor	ATSAML11D16A-YF Supplier
ATSAML11D16A-YF Price	ATSAML11D16A-YF Pictures	ATSAML11D16A-YF Image
ATSAML11D16A-YF PDF Datasheet	ATSAML11D16A-YF Download Datasheet	ATSAML11D16A-YF Datasheet
ATSAML11D16A-YF Stock	Buy ATSAML11D16A-YF	Buy Micrel / Microchip Technology ATSAML11D16A-YF
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Related Products

 <p>ATSAML11E14A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 32TQFP In stock: Out stock RFQ</p>	 <p>ATSAML11D16A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 24VQFN In stock: Out stock RFQ</p>
 <p>ATSAML11E14A-AF Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 32TQFP In stock: Out stock RFQ</p>	 <p>ATSAML11D15A-YU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 32KB FLASH 24SSOP In stock: 200 pcs RFQ</p>
 <p>ATSAML11E14A-AFT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 32TQFP In stock: Out stock RFQ</p>	 <p>ATSAML11D16A-MF Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 24VQFN In stock: Out stock RFQ</p>
 <p>ATSAML11D16A-YFT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 24SSOP In stock: Out stock RFQ</p>	 <p>ATSAML11D16A-YU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 24SSOP In stock: Out stock RFQ</p>
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 <p>ATSAML11D15A-YUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 32KB FLASH 24SSOP In stock: Out stock RFQ</p>	 <p>ATSAML11D16A-YUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 24SSOP In stock: Out stock RFQ</p>