



Micrel / Microchip Technology

ATSAM4S16CA-ANR

Part Number:	ATSAM4S16CA-ANR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 1MB FLASH 100LQFP
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	18582 pcs stock
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 ATSAM4S16CA-ANR

PART NUMBER	ATSAM4S16CA-ANR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 1MB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	18582 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	120MHz
SERIES	SAM4S
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1MB (1M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	100-LQFP
OTHER NAMES	ATSAM4S16CA-ANRTR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	79
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 SAM4S Microcontroller IC 32-Bit 120MHz 1MB (1M x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 16x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	EBI/EMI, I²C, IrDA, Memory Card, SPI, SSC, UART/USART, USB
BASE PART NUMBER	ATSAM4S16

Related Tags

Micrel / Microchip Technology ATSAM4S16CA-ANR	ATSAM4S16CA-ANR Distributor	ATSAM4S16CA-ANR Supplier
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Related Products

<p>ATSAM4S16BB-ANR Manufacturers: Micrel / Microchip Technology Description: FLASH,128K SRAM In stock: 17722 pcs</p> <p>RFQ</p>	<p>ATSAM4S16CA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 14822 pcs</p> <p>RFQ</p>
<p>ATSAM4S16CA-CFNR Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100VFBGA In stock: 16085 pcs</p> <p>RFQ</p>	<p>ATSAM4S16CA-CFN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100VFBGA In stock: 30770 pcs</p> <p>RFQ</p>
<p>ATSAM4S16BA-UUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64WLCSF In stock: 18173 pcs</p> <p>RFQ</p>	<p>ATSAM4S16BA-MUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64QFN In stock: 17335 pcs</p> <p>RFQ</p>
<p>ATSAM4S16BA-UUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64WLCSF In stock: 18596 pcs</p> <p>RFQ</p>	<p>ATSAM4S16CA-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 27985 pcs</p> <p>RFQ</p>
<p>ATSAM4S16CA-AUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 18173 pcs</p> <p>RFQ</p>	<p>ATSAM4S16CA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 17115 pcs</p> <p>RFQ</p>
<p>ATSAM4S16BB-AN Manufacturers: Micrel / Microchip Technology Description: FLASH,128K SRAM In stock: 16679 pcs</p> <p>RFQ</p>	<p>ATSAM4S16CA-ANR Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 19296 pcs</p> <p>RFQ</p>