


MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAM4C32EA-AU

Part Number:	ATSAM4C32EA-AU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 2MB FLASH 144LQFP
Datasheets:	 ATSAM4C32EA-AU.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	11865 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Specifications of ATSAM4C32EA-AU

PART NUMBER	ATSAM4C32EA-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 2MB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	11865 pcs
DATA SHEET	 ATSAM4C32EA-AU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	120MHz
SERIES	SAM4C
RAM SIZE	304K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	2MB (2M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	106
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 SAM4C Microcontroller IC 32-Bit Dual-Core 120MHz 2MB (2M x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	32-Bit Dual-Core
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	EBI/EMI, I²C, IrDA, SPI, UART/USART, USB
BASE PART NUMBER	ATSAM4C32

Related Tags

Micrel / Microchip Technology ATSAM4C32EA-AU	ATSAM4C32EA-AU Distributor	ATSAM4C32EA-AU Supplier
ATSAM4C32EA-AU Price	ATSAM4C32EA-AU Pictures	ATSAM4C32EA-AU Image
ATSAM4C32EA-AU PDF Datasheet	ATSAM4C32EA-AU Download Datasheet	ATSAM4C32EA-AU Datasheet
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Related Products

 ATSAM4C32CA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: 11509 pcs RFQ	 ATSAM4C16CB-AUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 7900 pcs RFQ
 ATSAM4C8CA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 18029 pcs RFQ	 ATSAM4C32CA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: 10687 pcs RFQ
 ATSAM4C16CB-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 16711 pcs RFQ	 ATSAM4C32EA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: 11276 pcs RFQ
 ATSAM4C4CB-AUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 12335 pcs RFQ	 ATSAM4C32-EK Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR SAM4C32 In stock: 321 pcs RFQ
 ATSAM4C32EA-AUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: 7717 pcs RFQ	 ATSAM4C4CB-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 17918 pcs RFQ
 ATSAM4C32CA-AUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: 7587 pcs RFQ	 ATSAM4C4CB-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 21051 pcs RFQ