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Micrel / Microchip Technology

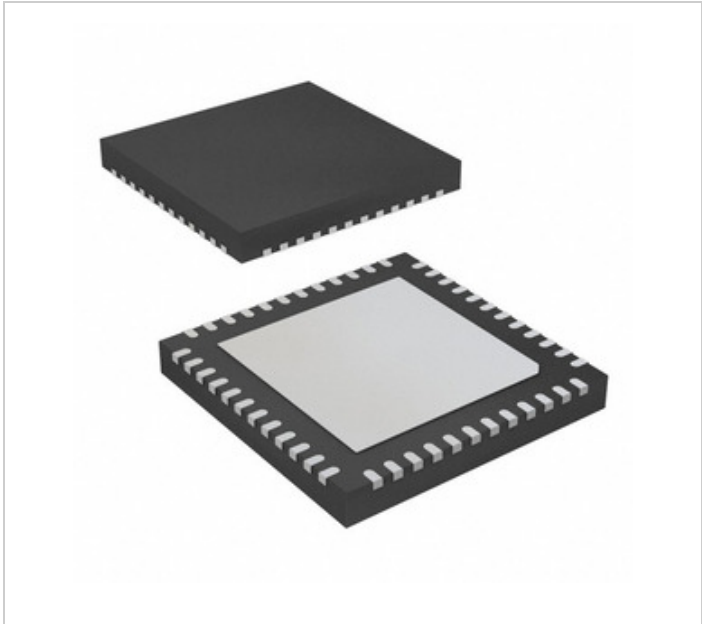


Image may be representation. See specifications for product details.

ATSAM4S2AB-MN

Part Number:	ATSAM4S2AB-MN
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	FLASH,64K SRAM
Datasheets:	 ATSAM4S2AB-MN.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

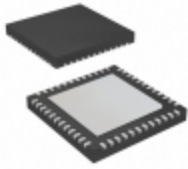
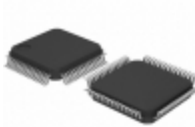
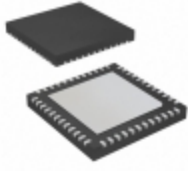
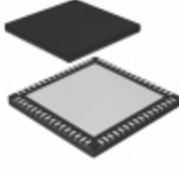
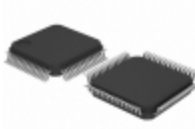
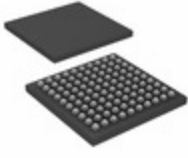
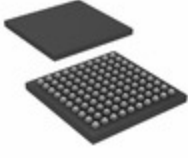
Specifications of ATSAM4S2AB-MN

PART NUMBER	ATSAM4S2AB-MN
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	FLASH,64K SRAM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 ATSAM4S2AB-MN.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-VQFN (7x7)
SPEED	120MHz
SERIES	SAM4S
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	48-VFQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	34
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	16 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 SAM4S Microcontroller IC 32-Bit 120MHz 128KB (128K x 8) FLASH 48-VQFN (7x7)
DATA CONVERTERS	A/D 8x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I²C, IrDA, Memory Card, SPI, SSC, UART/USART, USB

Related Tags

Micrel / Microchip Technology ATSAM4S2AB-MN	ATSAM4S2AB-MN Distributor	ATSAM4S2AB-MN Supplier
ATSAM4S2AB-MN Price	ATSAM4S2AB-MN Pictures	ATSAM4S2AB-MN Image
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Related Products

 ATSAM4S2AA-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48QFN In stock: Out stock RFQ	 ATSAM4S2BA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: 285 pcs RFQ
 ATSAM4S2AB-MNR Manufacturers: Micrel / Microchip Technology Description: FLASH,64K SRAM In stock: Out stock RFQ	 ATSAM4S2BA-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 64QFN In stock: Out stock RFQ
 ATSAM4S2BA-UUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 64WLCSP In stock: Out stock RFQ	 ATSAM4S2BA-AUR Manufacturers: Micrel / Microchip Technology Description: FLASH,64K SRAM In stock: Out stock RFQ
 ATSAM4S2AA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48LQFP In stock: 425 pcs RFQ	 ATSAM4S2AB-AN Manufacturers: Micrel / Microchip Technology Description: FLASH,64K SRAM In stock: 464 pcs RFQ
 ATSAM4S16CB-CFNR Manufacturers: Micrel / Microchip Technology Description: FLASH,128K SRAM In stock: Out stock RFQ	 ATSAM4S2AB-ANR Manufacturers: Micrel / Microchip Technology Description: FLASH,64K SRAM In stock: 853 pcs RFQ
 ATSAM4S16CB-CFN Manufacturers: Micrel / Microchip Technology Description: FLASH,128K SRAM In stock: 520 pcs RFQ	 ATSAM4S2BA-UUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 128KB FLASH 64WLCSP In stock: Out stock RFQ