



Micrel / Microchip Technology



ATSAM3S1AA-MU

Part Number:	ATSAM3S1AA-MU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 64KB FLASH 48QFN
Datasheets:	 ATSAM3S1AA-MU.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	15060 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of ATSAM3S1AA-MU

PART NUMBER	ATSAM3S1AA-MU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 64KB FLASH 48QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	15060 pcs
DATA SHEET	 ATSAM3S1AA-MU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-QFN (7x7)
SPEED	64MHz
SERIES	SAM3S
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	48-VFQFN Exposed Pad
OTHER NAMES	ATSAM3S1AAMU
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	34
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 SAM3S Microcontroller IC 32-Bit 64MHz 64KB (64K x 8) FLASH 48-QFN (7x7)
DATA CONVERTERS	A/D 8x10/12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	I²C, MMC, SPI, SSC, UART/USART, USB
BASE PART NUMBER	ATSAM3S1

Related Tags

Micrel / Microchip Technology ATSAM3S1AA-MU	ATSAM3S1AA-MU Distributor	ATSAM3S1AA-MU Supplier
ATSAM3S1AA-MU Price	ATSAM3S1AA-MU Pictures	ATSAM3S1AA-MU Image
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Related Products

 ATSAM3N4CA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 4191 pcs RFQ	 ATSAM3N4CA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 100BGA In stock: 4245 pcs RFQ
 ATSAM3S1AA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 48LQFP In stock: 6336 pcs RFQ	 ATSAM3S1AA-MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 48QFN In stock: 5212 pcs RFQ
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 ATSAM3S1AB-AUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 64KB FLASH 48LQFP In stock: 32482 pcs RFQ	 ATSAM3S-EK2 Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR SAM3S8 & SAM3SD8 In stock: 518 pcs RFQ
 ATSAM3S-EK Manufacturers: Micrel / Microchip Technology Description: KIT EVAL FOR ATSAM3S4C In stock: 4280 pcs RFQ	 ATSAM3S1AB-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 48LQFP In stock: 33878 pcs RFQ
 ATSAM3S1AA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 48LQFP In stock: 6065 pcs RFQ	 ATSAM3S1AB-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 48QFN In stock: 30885 pcs RFQ