



Micrel / Microchip Technology

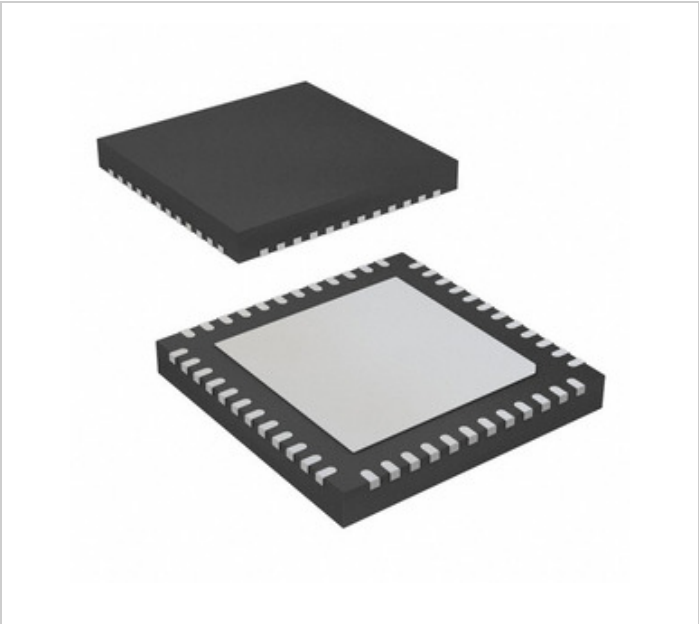


Image may be representation. See specifications for product details.

ATSAMDA1G16B-MBT

Part Number:	ATSAMDA1G16B-MBT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	48 QFN 5X5X0.9MM
Datasheets:	 ATSAMDA1G16B-MBT.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

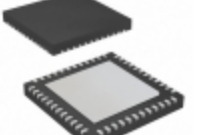
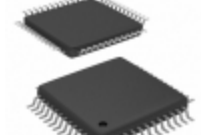
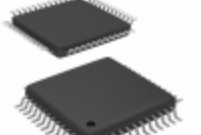
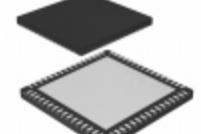
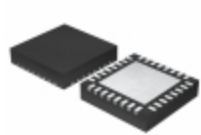
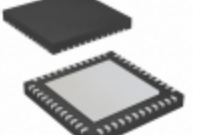
Specifications of ATSAMDA1G16B-MBT

PART NUMBER	ATSAMDA1G16B-MBT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	48 QFN 5X5X0.9MM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 ATSAMDA1G16B-MBT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 3.63 V
SUPPLIER DEVICE PACKAGE	48-VQFN (7x7)
SPEED	48MHz
SERIES	SAM DA1
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	48-VFQFN Exposed Pad
OTHER NAMES	ATSAMDA1G16B-MBTTR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	38
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	23 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ SAM DA1 Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 48-VQFN (7x7)
DATA CONVERTERS	A/D 14x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I ² C, SCI, SPI, UART/USART, USB

Related Tags

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