



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAMDA1G16B-ABT

Part Number:	ATSAMDA1G16B-ABT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	48 TQFP 7X7X1.0MM
Datasheets:	 ATSAMDA1G16B-ABT.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

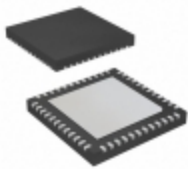
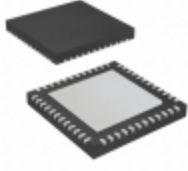
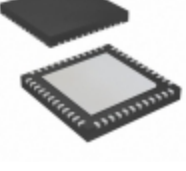
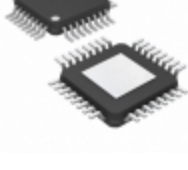
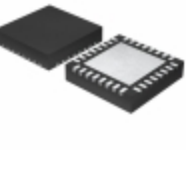
Specifications of ATSAMDA1G16B-ABT

PART NUMBER	ATSAMDA1G16B-ABT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	48 TQFP 7X7X1.0MM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 ATSAMDA1G16B-ABT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 3.63 V
SUPPLIER DEVICE PACKAGE	48-TQFP (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, I²S, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	48-TQFP
OTHER NAMES	ATSAMDA1G16B-ABTTR
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	17 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-TQFP (7x7)
DATA CONVERTERS	A/D 14x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I²C, SCI, SPI, UART/USART, USB

Related Tags

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 ATSAMDA1G14B-MBT Manufacturers: Micrel / Microchip Technology Description: 48 QFN 5X5X0.9MM In stock: Out stock RFQ	 ATSAMDA1G15B-ABT Manufacturers: Micrel / Microchip Technology Description: 48 TQFP 7X7X1.0MM In stock: Out stock RFQ
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