

ATSAMDA1G15B-ABT





Part Number:

ATSAMDA1G15B-ABT

Manufacturer:

Micrel / Microchip Technology

Description:

48 TQFP 7X7X1.0MM

Data sheet:

 [SAM DA1](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

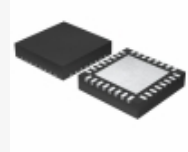
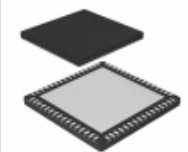
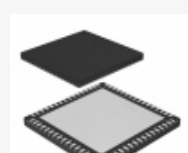
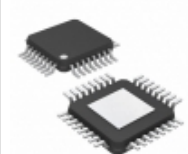
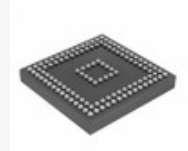
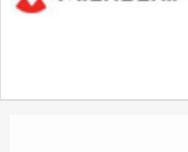
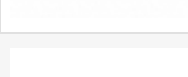
Shipment Way:

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PRODUCT PARAMETER			
Part Number	ATSAMDA1G15B-ABT	Manufacturer	Micrel / Microchip Technology
Description	48 TQFP 7X7X1.0MM	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	30208 pcs	Data sheet	SAM DA1
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.63 V
Supplier Device Package	48-TQFP (7x7)	Speed	48MHz
Series	SAM DA1	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	48-TQFP	Other Names	ATSAMDA1G15B-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 32KB (32K x 8) FLASH 48-TQFP (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
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	Part#: ATSAMDA1G15B-MBT Description: 48 QFN 5X5X0.9MM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMDA1-XPRO Description: EVAL BOARD FOR SAM DA1	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMDA1J14B-ABT Description: 64 TQFP 7X7X1.0MM	Manufacturers: Micrel / Microchip Technology	RFQ
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