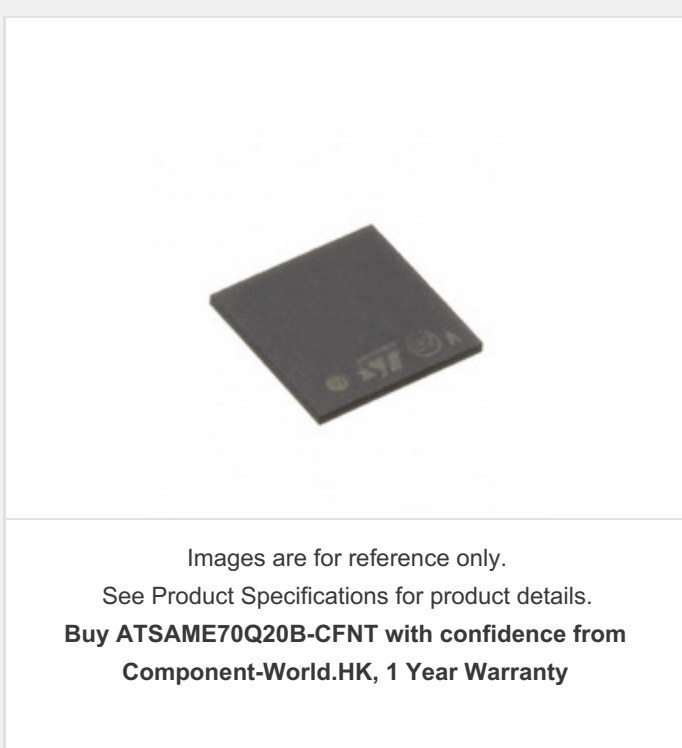


ATSAME70Q20B-CFNT



Part Number: [ATSAME70Q20B-CFNT](#)
Manufacturer: [Micrel / Microchip Technology](#)
Description: IC MCU 32BIT 1MB FLASH 144UFBGA
Data sheet: [SAM E/S/V70,V71 Family Errata](#)
[SAM E/S/V70,V71 Family Datasheet](#)

RoHs Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER	
Part Number	ATSAME70Q20B-CFNT
Description	IC MCU 32BIT 1MB FLASH 144UFBGA
Quantity Available	10639 pcs
Category	Integrated Circuits (ICs)
Supplier Device Package	144-UFBGA (6x6)
Series	SAM E70
Program Memory Type	FLASH
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT
Package / Case	144-UFBGA
Oscillator Type	Internal
Number of I/O	114
Manufacturer Standard Lead Time	7 Weeks
EEPROM Size	-
Data Converters	A/D 24x12b, D/A 2x12b
Core Processor	ARM® Cortex®-M7
Manufacturer	Micrel / Microchip Technology
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	SAM E/S/V70,V71 Family Errata SAM E/S/V70,V71 Family Datasheet
Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Speed	300MHz
RAM Size	384K x 8
Program Memory Size	1MB (1M x 8)
Packaging	Tape & Reel (TR)
Other Names	ATSAME70Q20B-CFNTTR
Operating Temperature	-40°C ~ 105°C (TA)
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	ARM® Cortex®-M7 SAM E70 Microcontroller IC 32-Bit 300MHz 1MB (1M x 8) FLASH 144-UFBGA (6x6)
Core Size	32-Bit
Connectivity	CANbus, EBI/EMI, Ethernet, I ² C, IrDA, LINbus, MMC/SD/SDIO, SPI, UART/USART, USB

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	Part#: ATSAME70Q21A-ANT Description: IC MCU 32BIT 2MB FLASH 144LQFP Manufacturers: Micrel / Microchip Technology RFQ
	Part#: ATSAME70Q19A-CNT Description: IC MCU 32BIT 512KB FLASH 144BGA Manufacturers: Micrel / Microchip Technology RFQ
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Related keywords for **ATSAME70Q20B-CFNT**

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