



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAME70Q20B-ANT

Part Number:	ATSAME70Q20B-ANT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 1MB FLASH 144LQFP
	 1.ATSAME70Q20B-ANT.pdf
	 2.ATSAME70Q20B-ANT.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

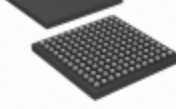
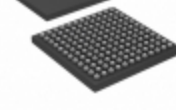
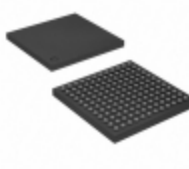
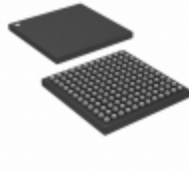
Specifications of ATSAME70Q20B-ANT

PART NUMBER	ATSAME70Q20B-ANT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 1MB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.ATSAME70Q20B-ANT.pdf  2.ATSAME70Q20B-ANT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	300MHz
SERIES	SAM E70
RAM SIZE	384K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1MB (1M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	144-LQFP
OTHER NAMES	ATSAME70Q20B-ANTTR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	114
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M7 SAM E70 Microcontroller IC 32-Bit 300MHz 1MB (1M x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 24x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M7
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, IrDA, LINbus, MMC/SD/SDIO, SPI, UART/USART, USB

Related Tags

Micrel / Microchip Technology ATSAME70Q20B-ANT	ATSAME70Q20B-ANT Distributor	ATSAME70Q20B-ANT Supplier
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Related Products

 ATSAME70Q20B-CFNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144UFBGA In stock: Out stock RFQ	 ATSAME70Q20A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: Out stock RFQ
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 ATSAME70Q20B-CFN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144UFBGA In stock: 490 pcs RFQ	 ATSAME70Q20B-CNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 144LFBGA In stock: Out stock RFQ
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