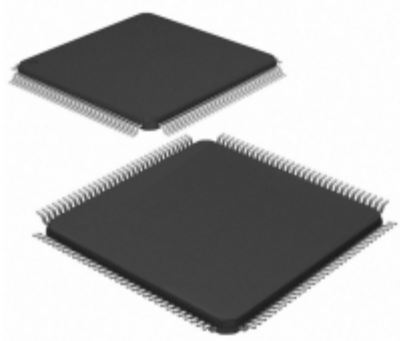


ATSAME54P20A-AU





Part Number:

ATSAME54P20A-AU

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 32BIT 1MB FLASH 128TQFP

Data sheet:

 [SAM D5x,E5x Family Datasheet](#)

 [SAM D5x,E5x Family Errata](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATSAME54P20A-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 1MB FLASH 128TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	16265 pcs	Data sheet	SAM D5x,E5x Family Datasheet SAM D5x,E5x Family Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.63 V
Supplier Device Package	128-TQFP (14x14)	Speed	120MHz
Series	SAM E54	RAM Size	256K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Tray
Package / Case	128-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	99
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	12 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4F SAM E54 Microcontroller IC 32-Bit 120MHz 1MB (1M x 8) FLASH 128-TQFP (14x14)	Data Converters	A/D 32x12b, D/A 2x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4F
Connectivity	CANbus, EBI/EMI, Ethernet, I ² C, IrDA, LINbus, MMC/SD, QSPI, SPI, UART/USART, USB		
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	Part#: ATSAME70J20B-AN Description: CM7,1024KB FLASH,384KB SRAM,LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAME54P19A-AUT Description: IC MCU 32BIT 512KB FLASH 128TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAME70J21A-AN Description: IC MCU 32BIT 2MB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAME54-XPRO Description: SAM E54 XPLAINED PRO	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAME54P20A-CTUT Description: IC MCU 32BIT 1MB FLASH 120TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ

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