




Micrel / Microchip Technology

## AT91SAM9XE512-QU

Part Number:	AT91SAM9XE512-QU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 512KB FLASH 208QFP
Datasheets:	<a href="#">PDF AT91SAM9XE512-QU.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

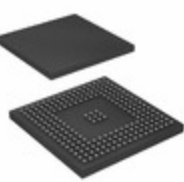







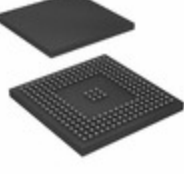
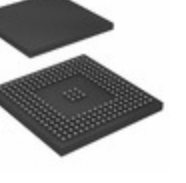
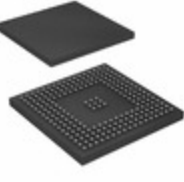

### Specifications of AT91SAM9XE512-QU

PART NUMBER	AT91SAM9XE512-QU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 208QFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF AT91SAM9XE512-QU.pdf</a>
VOLTAGE - I/O	1.8V, 2.5V, 3.3V
USB	USB 2.0 (3)
SUPPLIER DEVICE PACKAGE	208-PQFP (28x28)
SPEED	180MHz
SERIES	SAM9XE
SECURITY FEATURES	-
SATA	-
RAM CONTROLLERS	SDRAM, SRAM
PACKAGING	Tray
PACKAGE / CASE	208-BFQFP
OTHER NAMES	AT91SAM9XE512QU
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF CORES/BUS WIDTH	1 Core, 32-Bit
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GRAPHICS ACCELERATION	No
ETHERNET	10/100 Mbps
DISPLAY & INTERFACE CONTROLLERS	LCD, Touchscreen
DETAILED DESCRIPTION	ARM926EJ-S Microprocessor IC SAM9XE 1 Core, 32-Bit 180MHz 208-PQFP (28x28)
CORE PROCESSOR	ARM926EJ-S
CO-PROCESSORS/DSP	-
BASE PART NUMBER	AT91SAM9XE
ADDITIONAL INTERFACES	EBI/EMI, I <sup>2</sup> C, ISI, MMC/SD/SDIO, SPI, SSC, UART/USART

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 <p><b>AT91SAM9XE512-CU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 217BGA In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>AT91SAM9XE128-QU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 208QFP In stock: Out stock <a href="#">RFQ</a></p>
 <p><b>AT9201A</b> Manufacturers: NKK Switches Description: BEZEL BLACK POLY FOR MLW SERIES In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>AT91SAM9XE512B-CU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 217BGA In stock: Out stock <a href="#">RFQ</a></p>
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