

AT32UC3B0512-A2UR



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Part Number: [AT32UC3B0512-A2UR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 512KB FLASH 64TQFP

Data sheet:  [AT32UC3B Series Summary](#)
 [AT32UC3B Series Complete](#)

RoHs Status: Lead free / RoHS Compliant

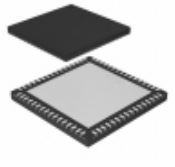
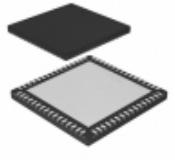
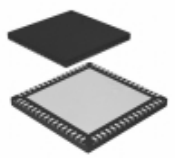
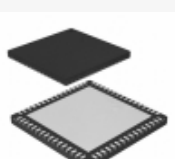
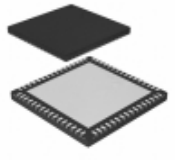
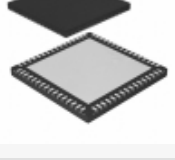
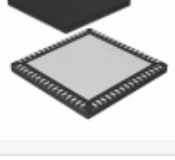
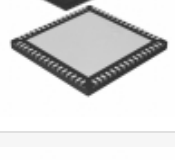
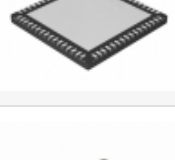
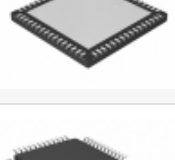
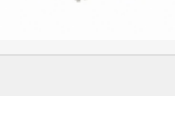
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Request For Quotation

PRODUCT PARAMETER			
Part Number	AT32UC3B0512-A2UR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	12578 pcs	Data sheet	AT32UC3B Series Summary AT32UC3B Series Complete
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 3.6 V
Supplier Device Package	64-TQFP (10x10)	Speed	60MHz
Series	AVR@32 UC3 B	RAM Size	96K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	64-TQFP Exposed Pad	Other Names	AT32UC3B0512-A2UR-ND AT32UC3B0512-A2URTR AT32UC3B0512A2UR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	44	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	AVR AVR@32 UC3 B Microcontroller IC 32-Bit 60MHz 512KB (512K x 8) FLASH 64-TQFP (10x10)
Data Converters	A/D 8x10b	Core Size	32-Bit
Core Processor	AVR	Connectivity	I ² C, IrDA, SPI, SSC, UART/USART, USB
Base Part Number	AT32UC3B0512		

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	Part#: AT32UC3B0128-Z2UR Description: IC MCU 32BIT 128KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: AT32UC3B064-A2UR Description: IC MCU 32BIT 64KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ

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