

AT32UC3B1512-Z1UR



Part Number: [AT32UC3B1512-Z1UR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 512KB FLASH 48QFN

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

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

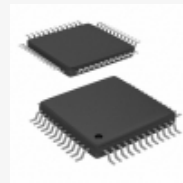
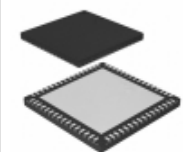
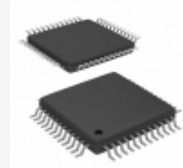
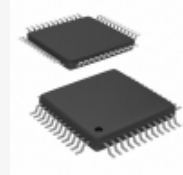
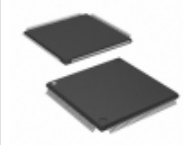
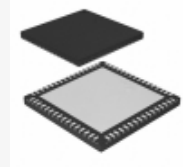
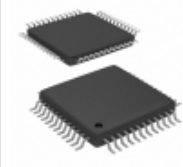
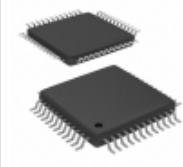
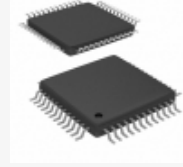
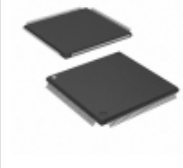
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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	AT32UC3B1512-Z1UR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 48QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	15818 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	48-QFN (7x7)	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	48-VFQFN Exposed Pad	Other Names	AT32UC3B1512-Z1UR-ND AT32UC3B1512-Z1URTR AT32UC3B1512Z1UR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	28	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 48-QFN (7x7)
Data Converters	A/D 6x10b	Core Size	32-Bit
Core Processor	AVR	Connectivity	I²C, IrDA, SPI, SSC, UART/USART, USB
Base Part Number	AT32UC3B1512		

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	Part#: AT32UC3B1128-AUT Description: IC MCU 32BIT 128KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: AT32UC3C0256C-ALUR Description: IC MCU 32BIT 256KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ

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