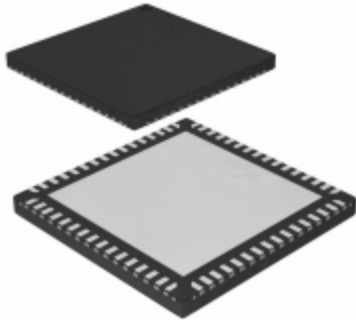


AT32UC3C2512C-Z2ZR





Part Number: [AT32UC3C2512C-Z2ZR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 512KB FLASH 64QFN

Data sheet:  [AT32UC3CyyyyC Automotive Summary](#)
 [AT32UC3Cx512C Automotive Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

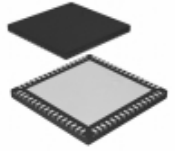
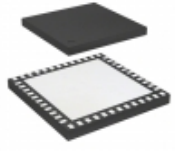
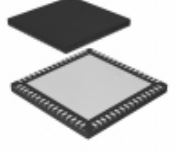
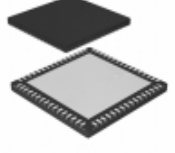
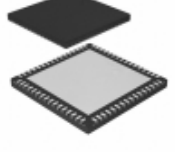
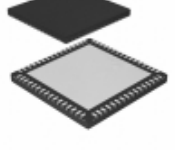
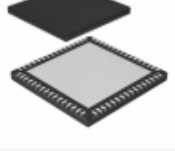
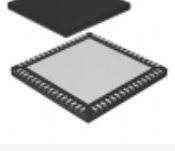
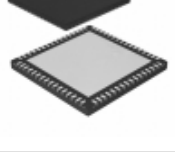
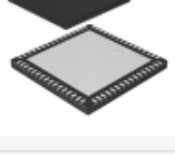
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	AT32UC3C2512C-Z2ZR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6043 pcs	Data sheet	AT32UC3CyyyyC Automotive Summary AT32UC3Cx512C Automotive Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Datasheet 3 V ~ 5.5 V
Supplier Device Package	64-QFN (9x9)	Speed	50MHz
Series	Automotive, AEC-Q100, AVR®32 UC3 C	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	64-VFQFN Exposed Pad	Other Names	AT32UC3C2512C-Z2ZRTR AT32UC3C2512CZ2ZR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	45	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	AVR Automotive, AEC-Q100, AVR®32 UC3 C Microcontroller IC 32-Bit 50MHz 512KB (512K x 8) FLASH 64-QFN (9x9)	Data Converters	A/D 11x12b, D/A 2x12b
Core Size	32-Bit	Core Processor	AVR
Connectivity	CANbus, Ethernet, I²C, IrDA, LINbus, SPI, UART/USART, USB	Base Part Number	AT32UC3C2512
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	Part#: AT32UC3C264C-A2UR Description: IC MCU 32BIT 64KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3L0128-D3HR Description: IC MCU 32BIT 128KB FLASH 48TLLGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C2256C-Z2ZT Description: IC MCU 32BIT 256KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C264C-Z2UR Description: IC MCU 32BIT 64KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C2512C-A2UT Description: IC MCU 32BIT 512KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C2512C-Z2ZT Description: IC MCU 32BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C2512C-A2UR Description: IC MCU 32BIT 512KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3L0128-AUR Description: IC MCU 32BIT 128KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C2256C-Z2UT Description: IC MCU 32BIT 256KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C2256C-Z2UR Description: IC MCU 32BIT 256KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3L0-XPLD Description: KIT DEV/EVAL FOR AT32UC3L0	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C2512C-Z2UT Description: IC MCU 32BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3L-EK Description: KIT EVAL AVR32 UC3 MCU	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C2512C-A2ZR Description: IC MCU 32BIT 512KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C2512C-A2ZT Description: IC MCU 32BIT 512KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C264C-A2UT Description: IC MCU 32BIT 64KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C2256C-Z2ZR Description: IC MCU 32BIT 256KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C2512C-Z2UR Description: IC MCU 32BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ

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