



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

AT32UC3A0256-ALUR

Part Number:	AT32UC3A0256-ALUR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 256KB FLASH 144LQFP
Datasheets:	 1.AT32UC3A0256-ALUR.pdf
	 2.AT32UC3A0256-ALUR.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

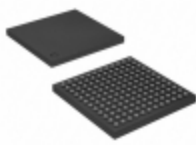
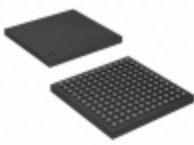
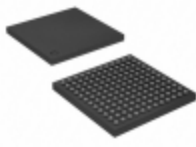
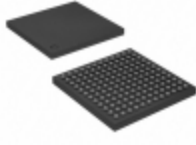
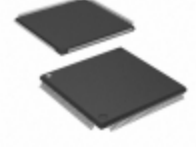
Specifications of AT32UC3A0256-ALUR

PART NUMBER	AT32UC3A0256-ALUR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.AT32UC3A0256-ALUR.pdf  2.AT32UC3A0256-ALUR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.65 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	66MHz
SERIES	AVR@32 UC3 A0
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	144-LQFP
OTHER NAMES	AT32UC3A0256-ALUR-ND AT32UC3A0256-ALURTR AT32UC3A0256ALUR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	109
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 A0 Microcontroller IC 32-Bit 66MHz 256KB (256K x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	32-Bit
CORE PROCESSOR	AVR
CONNECTIVITY	EBI/EMI, Ethernet, I²C, SPI, SSC, UART/USART, USB OTG
BASE PART NUMBER	AT32UC3A0256

Related Tags

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