

NUC230LC2AE



Part Number: [NUC230LC2AE](#)

Manufacturer [Nuvoton Technology Corporation America](#)

Description IC MCU 32BIT 32KB FLASH 48LQFP

Data sheet:  [NUC230, NUC240 Series Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

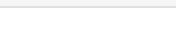
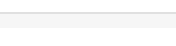
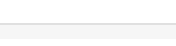
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Request For Quotation

PRODUCT PARAMETER			
Part Number	NUC230LC2AE	Manufacturer	Nuvoton Technology Corporation America
Description	IC MCU 32BIT 32KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	28825 pcs	Data sheet	NUC230, NUC240 Series Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.5 V ~ 5.5 V
Supplier Device Package	48-LQFP (7x7)	Speed	72MHz
Series	NuMicro™ NUC230	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I²S, LVD, POR, PS2, PWM, WDT	Packaging	Tray
Package / Case	48-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	35
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	18 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	4K x 8
Detailed Description	ARM® Cortex®-M0 NuMicro™ NUC230 Microcontroller IC 32-Bit 72MHz 32KB (32K x 8) FLASH 48-LQFP (7x7)	Data Converters	A/D 7x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0
Connectivity	CANbus, I²C, IrDA, LINbus, SmartCard, SPI, UART/USART		
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RELATED PRODUCTS			
	Part#: NUC230LE3AE Description: IC MCU 32BIT 128KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: NUC2401MNTAG Description: CMC 100MA 2LN 90 OHM SMD	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NUC220LC2AN Description: IC MCU 32BIT 32KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: NUC230SE3AE Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: NUC220VE3AN Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: NUC230VE3AE Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: NUC200SD2AN Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: NUC220SC2AN Description: IC MCU 32BIT 32KB FLASH 64LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: NUC240LD2AE Description: IC MCU 32BIT 64KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: NUC230LD2AE Description: IC MCU 32BIT 64KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
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