

NUC240SD2AE



Part Number: [NUC240SD2AE](#)

Manufacturer: [Nuvoton Technology Corporation America](#)

Description: IC MCU 32BIT 64KB FLASH 64LQFP

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

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	NUC240SD2AE	Manufacturer	Nuvoton Technology Corporation America
Description	IC MCU 32BIT 64KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	24083 pcs	Data sheet	NUC230, NUC240 Series Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.5 V ~ 5.5 V
Supplier Device Package	64-LQFP (7x7)	Speed	72MHz
Series	NuMicro™ NUC240	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I²S, LVD, POR, PS2, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	45
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™ NUC240 Microcontroller IC 32-Bit 72MHz 64KB (64K x 8) FLASH 64-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, USB		
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RELATED PRODUCTS			
	Part#: NUCLEO-8S208RB Description: STM8 NUCLEO-64 DEVELOPMENT BOARD	Manufacturers: STMicroelectronics	RFQ
	Part#: NUC2401MNTAG Description: CMC 100MA 2LN 90 OHM SMD	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: NUC230LE3AE Description: IC MCU 32BIT 128KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: NUCLEO-F042K6 Description: BOARD NUCLEO STM32F042K6T6	Manufacturers: STMicroelectronics	RFQ
	Part#: NUC240LD2AE Description: IC MCU 32BIT 64KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: NUC240LE3AE Description: IC MCU 32BIT 128KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: NUC6 Description: COVER FOR TERM BLK KU6	Manufacturers: Bussmann (Eaton)	RFQ
	Part#: NUCLEO-F030R8 Description: BOARD NUCLEO STM32F0 SERIES	Manufacturers: STMicroelectronics	RFQ
	Part#: NUC240SE3AE Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: NUC240LC2AE Description: IC MCU 32BIT 32KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: NUC230SC2AE Description: IC MCU 32BIT 32KB FLASH 64LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: NUC240VE3AE Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: NUCLEO-F031K6 Description: BOARD NUCLEO STM32F031K6T6	Manufacturers: STMicroelectronics	RFQ
	Part#: NUC230SD2AE Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: NUCLEO-8L152R8 Description: STM8 NUCLEO-64 DEVELOPMENT BOARD	Manufacturers: STMicroelectronics	RFQ
	Part#: NUC4 Description: COVER FOR TERM BLK KU4	Manufacturers: Bussmann (Eaton)	RFQ
	Part#: NUC240SC2AE Description: IC MCU 32BIT 32KB FLASH 64LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: NUC230VE3AE Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: NUC8 Description: COVER FOR TERM BLK KU8	Manufacturers: Bussmann (Eaton)	RFQ
	Part#: NUC230SE3AE Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ

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