

NUC100RE3DN



Part Number: [NUC100RE3DN](#)

Manufacturer: [Nuvoton Technology Corporation America](#)

Description: IC MCU 32BIT 128KB FLASH 64LQFP

Data sheet:  [NUC100/120yyyDN Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

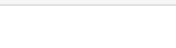
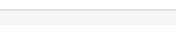
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	NUC100RE3DN	Manufacturer	Nuvoton Technology Corporation America
Description	IC MCU 32BIT 128KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	24494 pcs	Data sheet	NUC100/120yyyDN Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.5 V ~ 5.5 V
Supplier Device Package	64-LQFP (10x10)	Speed	50MHz
Series	NuMicro™ NUC100	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K 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 ~ 85°C (TA)	Number of I/O	51
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	18 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0 NuMicro™ NUC100 Microcontroller IC 32-Bit 50MHz 128KB (128K x 8) FLASH 64-LQFP (10x10)	Data Converters	A/D 8x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0
Connectivity	EBI/EMI, I²C, IrDA, SPI, UART/USART		
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	Part#: NUC100VD2AN Description: IC MCU 32BIT 64KB FLASH 100LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: NUC120LD2BN Description: IC MCU 32BIT 64KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: NUC12 Description: COVER FOR TERM BLK KU12	Manufacturers: Bussmann (Eaton)	RFQ
	Part#: NUC120LC1BN Description: IC MCU 32BIT 32KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
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