

M0516ZBN



Part Number: [M0516ZBN](#)

Manufacturer: [Nuvoton Technology Corporation America](#)

Description: IC MCU 32BIT 64KB FLASH 33QFN

Data sheet:  [M051 Series Flyer](#)
 [M058/M0516BN](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

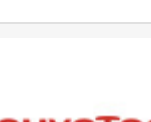
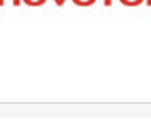
Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

PRODUCT PARAMETER			
Part Number	M0516ZBN	Manufacturer	Nuvoton Technology Corporation America
Description	IC MCU 32BIT 64KB FLASH 33QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3974 pcs	Data sheet	M051 Series Flyer M058/M0516BN
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.5 V ~ 5.5 V
Speed	50MHz	Series	NuMicro M051™ BN
RAM Size	4K x 8	Program Memory Type	FLASH
Program Memory Size	64KB (64K x 8)	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Packaging	Tray	Package / Case	32-WFQFN Exposed Pad
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	24	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	4K x 8
Detailed Description	ARM® Cortex®-M0 NuMicro M051™ BN Microcontroller IC 32-Bit 50MHz 64KB (64K x 8) FLASH	Data Converters	A/D 8x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0
Connectivity	PC, IrDA, LINbus, SPI, UART/USART		

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RELATED PRODUCTS			
	Part#: M0509-25-AL Description: ROUND SPACER ALUMINUM 10MM	Manufacturers: RAF	RFQ
	Part#: M0507-3-AL Description: ROUND SPACER ALUMINUM 8MM	Manufacturers: RAF	RFQ
	Part#: M0512-3-N Description: ROUND SPACER NYLON 13MM	Manufacturers: RAF	RFQ
	Part#: M0518SC2AE Description: IC MCU 32BIT 36KB FLASH 64LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0519VE3AE Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0518SD2AE Description: IC MCU 32BIT 68KB FLASH 64LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0510-2R5204-R Description: CAP 200MF -20% +80% 2.5V T/H	Manufacturers: Bussmann (Eaton)	RFQ
	Part#: M0519SE3AE Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0516LAN Description: IC MCU 32BIT 64KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0511-3-AL Description: ROUND SPACER ALUMINUM 12MM	Manufacturers: RAF	RFQ
	Part#: M0518LD2AE Description: IC MCU 32BIT 68KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0519SD3AE Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0507-25-SS Description: ROUND SPACER STAINLESS STEEL 8MM	Manufacturers: RAF	RFQ
	Part#: M0519LD3AE Description: IC MCU 32BIT 64KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0519LE3AE Description: IC MCU 32BIT 128KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0507-25-N Description: ROUND SPACER NYLON 8MM	Manufacturers: RAF	RFQ
	Part#: M0518LC2AE Description: IC MCU 32BIT 36KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0516ZDE Description: IC MCU 32BIT 64KB FLASH 33QFN	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0516ZAN Description: IC MCU 32BIT 64KB FLASH 33QFN	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0516LDE Description: IC MCU 32BIT 64KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ

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