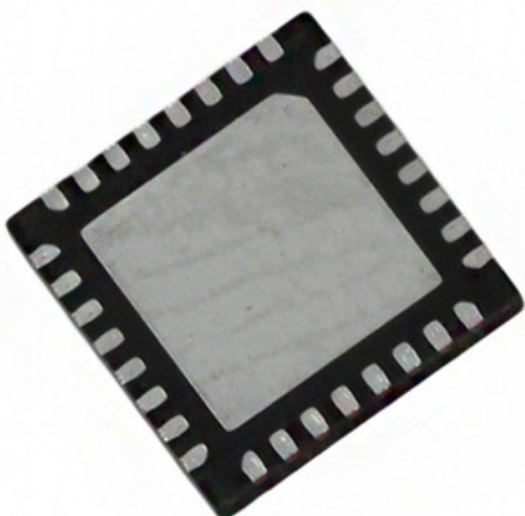




Nuvoton Technology Corporation

America



M0516ZBN

Part Number:	M0516ZBN
Manufacturer/Brand:	Nuvoton Technology Corporation America
Product description	IC MCU 32BIT 64KB FLASH 33QFN
Datasheets:	1.M0516ZBN.pdf 2.M0516ZBN.pdf
RoHs Status	Lead free / RoHS Compliant
Stock Condition	3376 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of M0516ZBN

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	3376 pcs
DATA SHEET	1.M0516ZBN.pdf 2.M0516ZBN.pdf
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	I²C, IrDA, LINbus, SPI, UART/USART

Related Tags

Nuvoton Technology Corporation America M0516ZBN	M0516ZBN Distributor	M0516ZBN Supplier
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Related Products

 M0518LD2AE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 68KB FLASH 48LQFP In stock: 47731 pcs RFQ	 M0519LD3AE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 64KB FLASH 48LQFP In stock: 35729 pcs RFQ
 M0516LDE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 64KB FLASH 48LQFP In stock: 50478 pcs RFQ	 M0518SD2AE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 68KB FLASH 64LQFP In stock: 39104 pcs RFQ
 M0516ZAN Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 64KB FLASH 33QFN In stock: 3046 pcs RFQ	 M0511-3-AL Manufacturers: RAF Description: ROUND SPACER ALUMINUM 12MM In stock: 146871 pcs RFQ
 M0516LAN Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 64KB FLASH 48LQFP In stock: 2916 pcs RFQ	 M0512-3-N Manufacturers: RAF Description: ROUND SPACER NYLON 13MM In stock: 71200 pcs RFQ
 M0518LC2AE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 36KB FLASH 48LQFP In stock: 52254 pcs RFQ	 M0516ZDE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 64KB FLASH 33QFN In stock: 45490 pcs RFQ
 M0510-2R5204-R Manufacturers: Bussmann (Eaton) Description: CAP 200MF -20% +80% 2.5V T/H In stock: 42131 pcs RFQ	 M0518SC2AE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 36KB FLASH 64LQFP In stock: 41866 pcs RFQ