

nuvoTon Nuvoton Technology Corporation

M054ZBN

Part Number: M054ZBN
 Manufacturer/Brand: Nuvoton Technology Corporation America
 Product description: IC MCU 32BIT 16KB FLASH 33QFN
 Datasheets: [1.M054ZBN.pdf](#)
[2.M054ZBN.pdf](#)
 RoHs Status:  Lead free / RoHS Compliant
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

America

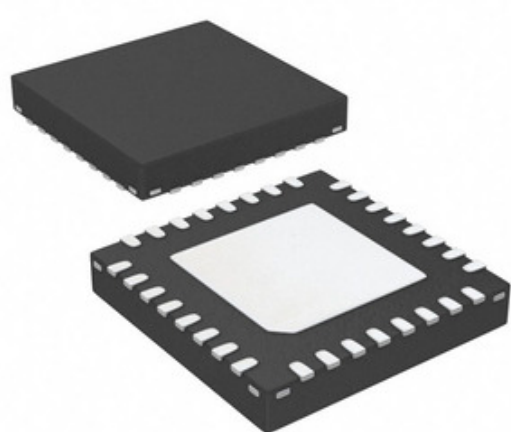


Image may be representation. See specifications for product details.

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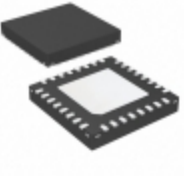







Specifications of M054ZBN

PART NUMBER	M054ZBN
MANUFACTURER	Nuvoton Technology Corporation America
DESCRIPTION	IC MCU 32BIT 16KB FLASH 33QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.M054ZBN.pdf 2.M054ZBN.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	16KB (16K 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	-
DETAILED DESCRIPTION	ARM® Cortex®-M0 NuMicro M051™ BN Microcontroller IC 32-Bit 50MHz 16KB (16K x 8) FLASH
DATA CONVERTERS	A/D 8x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0
CONNECTIVITY	I ² C, IrDA, LINbus, SPI, UART/USART

Related Tags

Nuvoton Technology Corporation America M054ZBN	M054ZBN Distributor	M054ZBN Supplier
M054ZBN Price	M054ZBN Pictures	M054ZBN Image
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Nuvoton Technology Corporation America M054ZBN	Nuvoton Technology M054ZBN	Nuvoton Technology Corporation of America M054ZBN

Related Products

 <p>M0546-4-AL Manufacturers: RAF Description: ROUND SPACER ALUMINUM 17MM In stock: 525 pcs RFQ</p>	 <p>M0564SE4AE Manufacturers: Nuvoton Technology Corporation America Description: NUMICRO M0564 SERIES-HAS 256 KB In stock: Out stock RFQ</p>
 <p>M0564SG4AE Manufacturers: Nuvoton Technology Corporation America Description: NUMICRO M0564 SERIES-HAS 256 KB In stock: Out stock RFQ</p>	 <p>M0564LE4AE Manufacturers: Nuvoton Technology Corporation America Description: NUMICRO M0564 SERIES-HAS 256 KB In stock: Out stock RFQ</p>
 <p>M054ZAN Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 16KB FLASH 33QFN In stock: Out stock RFQ</p>	 <p>M0542-4-SS Manufacturers: RAF Description: ROUND SPACER SS 13MM In stock: 895 pcs RFQ</p>
 <p>M0564LG4AE Manufacturers: Nuvoton Technology Corporation America Description: NUMICRO M0564 SERIES-HAS 256 KB In stock: Out stock RFQ</p>	 <p>M054ZDE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 16KB FLASH 33QFN In stock: Out stock RFQ</p>
 <p>M054LBN Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 16KB FLASH 48LQFP In stock: Out stock RFQ</p>	 <p>M0564VG4AE Manufacturers: Nuvoton Technology Corporation America Description: NUMICRO M0564 SERIES-HAS 256 KB In stock: Out stock RFQ</p>
 <p>M054LDE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 16KB FLASH 48LQFP In stock: Out stock RFQ</p>	 <p>M054LAN Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 16KB FLASH 48LQFP In stock: Out stock RFQ</p>