



Nuvoton Technology Corporation

America



M052ZBN

Part Number:	M052ZBN
Manufacturer/Brand:	Nuvoton Technology Corporation America
Product description	IC MCU 32BIT 8KB FLASH 33QFN
Datasheets:	 1.M052ZBN.pdf
	 2.M052ZBN.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	3610 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of M052ZBN

PART NUMBER	M052ZBN
MANUFACTURER	Nuvoton Technology Corporation America
DESCRIPTION	IC MCU 32BIT 8KB FLASH 33QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3610 pcs
DATA SHEET	 1.M052ZBN.pdf  2.M052ZBN.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	8KB (8K 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 8KB (8K 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

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Related Products

 M0519VE3AE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 128KB FLASH 100LQFP In stock: 22005 pcs RFQ	 M052LBN Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 8KB FLASH 48LQFP In stock: 38166 pcs RFQ
 M052LAN Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 8KB FLASH 48LQFP In stock: 6312 pcs RFQ	 M0532-3-AL Manufacturers: RAF Description: ROUND SPACER ALUMINUM 3MM In stock: 186217 pcs RFQ
 M0519SE3AE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: 27865 pcs RFQ	 M052ZDE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 8KB FLASH 33QFN In stock: 69137 pcs RFQ
 M0530-3-N Manufacturers: RAF Description: ROUND SPACER NYLON 1MM In stock: 102402 pcs RFQ	 M0531-4-AL Manufacturers: RAF Description: ROUND SPACER ALUMINUM 2MM In stock: 222907 pcs RFQ
 M052ZAN Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 8KB FLASH 33QFN In stock: 4836 pcs RFQ	 M0531-4-SS Manufacturers: RAF Description: ROUND SPACER STAINLESS STEEL 2MM In stock: 120777 pcs RFQ
 M0532-3-N Manufacturers: RAF Description: ROUND SPACER NYLON 3MM In stock: 82718 pcs RFQ	 M052LDE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 8KB FLASH 48LQFP In stock: 71310 pcs RFQ