



Nuvoton Technology Corporation

America



M0516ZDE

Part Number:	M0516ZDE
Manufacturer/Brand:	Nuvoton Technology Corporation America
Product description	IC MCU 32BIT 64KB FLASH 33QFN
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	45490 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of M0516ZDE

PART NUMBER	M0516ZDE
MANUFACTURER	Nuvoton Technology Corporation America
DESCRIPTION	IC MCU 32BIT 64KB FLASH 33QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	45490 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	2.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	33-QFN (5x5)
SPEED	50MHz
SERIES	NuMicro M051™ DE
RAM SIZE	4K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	Brown-out Detect/Reset, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	32-WFQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°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™ DE Microcontroller IC 32-Bit 50MHz 64KB (64K x 8) FLASH 33-QFN (5x5)
DATA CONVERTERS	A/D 5x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0
CONNECTIVITY	EBI/EMI, I²C, IrDA, LINbus, SPI, UART/USART

Related Tags

Nuvoton Technology Corporation America M0516ZDE	M0516ZDE Distributor	M0516ZDE Supplier
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Related Products

 M0519LD3AE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 64KB FLASH 48LQFP In stock: 35729 pcs RFQ	 M0511-3-AL Manufacturers: RAF Description: ROUND SPACER ALUMINUM 12MM In stock: 146871 pcs RFQ
 M0519LE3AE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 128KB FLASH 48LQFP In stock: 34994 pcs RFQ	 M0518SD2AE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 68KB FLASH 64LQFP In stock: 39104 pcs RFQ
 M0518LC2AE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 36KB FLASH 48LQFP In stock: 52254 pcs RFQ	 M0516LAN Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 64KB FLASH 48LQFP In stock: 2916 pcs RFQ
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 M0518LD2AE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 68KB FLASH 48LQFP In stock: 47731 pcs RFQ	 M0516ZBN Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 64KB FLASH 33QFN In stock: 3376 pcs RFQ