

M054ZDE



Part Number: [M054ZDE](#)

Manufacturer: [Nuvoton Technology Corporation America](#)

Description: IC MCU 32BIT 16KB FLASH 33QFN

Data sheet:

RoHs Status: Lead free / RoHS Compliant

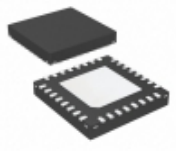
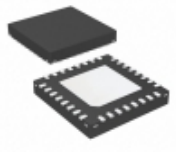
Ship From: Hong Kong

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

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Request For Quotation

PRODUCT PARAMETER			
Part Number	M054ZDE	Manufacturer	Nuvoton Technology Corporation America
Description	IC MCU 32BIT 16KB FLASH 33QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	59185 pcs	Data sheet	
Category	Integrated Circuits (ICs)	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	16KB (16K 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)	Manufacturer Standard Lead Time	18 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0 NuMicro M051™ DE Microcontroller IC 32-Bit 50MHz 16KB (16K 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		
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	Part#: M058SLAN Description: IC MCU 32BIT 32KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0546-4-AL Description: ROUND SPACER ALUMINUM 17MM	Manufacturers: RAF	RFQ
	Part#: M054LAN Description: IC MCU 32BIT 16KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M058LAN Description: IC MCU 32BIT 32KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0541-3-AL Description: ROUND SPACER ALUMINUM 12MM	Manufacturers: RAF	RFQ
	Part#: M054LDE Description: IC MCU 32BIT 16KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0541-4-N Description: ROUND SPACER NYLON 12MM	Manufacturers: RAF	RFQ
	Part#: M0564SE4AE Description: NUMICRO M0564 SERIES-HAS 256 KB	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0564LG4AE Description: NUMICRO M0564 SERIES-HAS 256 KB	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M054LBN Description: IC MCU 32BIT 16KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
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	Part#: M0564LE4AE Description: NUMICRO M0564 SERIES-HAS 256 KB	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M054ZAN Description: IC MCU 32BIT 16KB FLASH 33QFN	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M054ZBN Description: IC MCU 32BIT 16KB FLASH 33QFN	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0564VG4AE Description: NUMICRO M0564 SERIES-HAS 256 KB	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0542-3-N Description: ROUND SPACER NYLON 13MM	Manufacturers: RAF	RFQ
	Part#: M058LDE Description: IC MCU 32BIT 32KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0542-4-SS Description: ROUND SPACER SS 13MM	Manufacturers: RAF	RFQ
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	Part#: M058LBN Description: IC MCU 32BIT 32KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ

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