

M0518LC2AE



Part Number: [M0518LC2AE](#)

Manufacturer: [Nuvoton Technology Corporation America](#)

Description: IC MCU 32BIT 36KB FLASH 48LQFP

Data sheet:  [M0518 Series Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

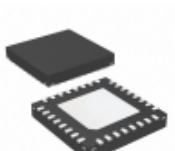
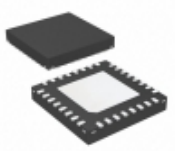
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PRODUCT PARAMETER			
Part Number	M0518LC2AE	Manufacturer	Nuvoton Technology Corporation America
Description	IC MCU 32BIT 36KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	41230 pcs	Data sheet	M0518 Series Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.5 V ~ 5.5 V
Supplier Device Package	48-LQFP (7x7)	Speed	50MHz
Series	NuMicro M0518	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	36KB (36K x 8)
Peripherals	Brown-out Detect/Reset, LVR, POR, PWM, WDT	Packaging	Tray
Package / Case	48-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	42
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 M0518 Microcontroller IC 32-Bit 50MHz 36KB (36K x 8) FLASH 48-LQFP (7x7)	Data Converters	A/D 8x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0
Connectivity	I²C, IrDA, LINbus, SPI, UART/USART		
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RELATED PRODUCTS			
	Part#: M0511-3-AL Description: ROUND SPACER ALUMINUM 12MM	Manufacturers: RAF	RFQ
	Part#: M052LAN Description: IC MCU 32BIT 8KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0512-3-N Description: ROUND SPACER NYLON 13MM	Manufacturers: RAF	RFQ
	Part#: M0507-3-AL Description: ROUND SPACER ALUMINUM 8MM	Manufacturers: RAF	RFQ
	Part#: M0519SE3AE Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0516ZDE Description: IC MCU 32BIT 64KB FLASH 33QFN	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0519VE3AE Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0510-2R5204-R Description: CAP 200MF -20% +80% 2.5V T/H	Manufacturers: Bussmann (Eaton)	RFQ
	Part#: M0516ZAN Description: IC MCU 32BIT 64KB FLASH 33QFN	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0509-25-AL Description: ROUND SPACER ALUMINUM 10MM	Manufacturers: RAF	RFQ
	Part#: M0518SC2AE Description: IC MCU 32BIT 36KB FLASH 64LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0518LD2AE Description: IC MCU 32BIT 68KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0518SD2AE Description: IC MCU 32BIT 68KB FLASH 64LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M052LBN Description: IC MCU 32BIT 8KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0516LAN Description: IC MCU 32BIT 64KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0519SD3AE Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0519LD3AE Description: IC MCU 32BIT 64KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
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	Part#: M0516ZBN Description: IC MCU 32BIT 64KB FLASH 33QFN	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0519LE3AE Description: IC MCU 32BIT 128KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ

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