



Nuvoton Technology Corporation

America



M0518LD2AE

Part Number:	M0518LD2AE
Manufacturer/Brand:	Nuvoton Technology Corporation America
Product description	IC MCU 32BIT 68KB FLASH 48LQFP
Datasheets:	 M0518LD2AE.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	47731 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of M0518LD2AE

PART NUMBER	M0518LD2AE
MANUFACTURER	Nuvoton Technology Corporation America
DESCRIPTION	IC MCU 32BIT 68KB FLASH 48LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	47731 pcs
DATA SHEET	 M0518LD2AE.pdf
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	68KB (68K 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)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0 NuMicro M0518 Microcontroller IC 32-Bit 50MHz 68KB (68K 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

Related Tags

Nuvoton Technology Corporation America M0518LD2AE	M0518LD2AE Distributor	M0518LD2AE Supplier
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Related Products

 M0518SD2AE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 68KB FLASH 64LQFP In stock: 39104 pcs RFQ	 M0516ZAN Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 64KB FLASH 33QFN In stock: 3046 pcs RFQ
 M0519LE3AE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 128KB FLASH 48LQFP In stock: 34994 pcs RFQ	 M0516LAN Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 64KB FLASH 48LQFP In stock: 2916 pcs RFQ
 M0516ZDE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 64KB FLASH 33QFN In stock: 45490 pcs RFQ	 M0519SD3AE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 64KB FLASH 64LQFP In stock: 39434 pcs RFQ
 M0519SE3AE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: 27865 pcs RFQ	 M0516LDE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 64KB FLASH 48LQFP In stock: 50478 pcs RFQ
 M0519LD3AE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 64KB FLASH 48LQFP In stock: 35729 pcs RFQ	 M0518LC2AE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 36KB FLASH 48LQFP In stock: 52254 pcs RFQ
 M0518SC2AE Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 36KB FLASH 64LQFP In stock: 41866 pcs RFQ	 M0516ZBN Manufacturers: Nuvoton Technology Corporation America Description: IC MCU 32BIT 64KB FLASH 33QFN In stock: 3376 pcs RFQ