

M0519SD3AE



Part Number: [M0519SD3AE](#)

Manufacturer: [Nuvoton Technology Corporation America](#)

Description: IC MCU 32BIT 64KB FLASH 64LQFP

Data sheet:  [M0519 Series Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

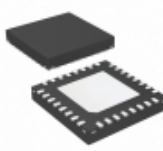
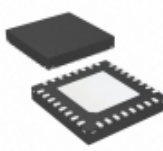
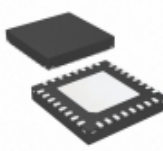
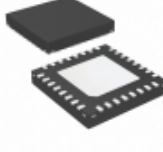
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PRODUCT PARAMETER			
Part Number	M0519SD3AE	Manufacturer	Nuvoton Technology Corporation America
Description	IC MCU 32BIT 64KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	34096 pcs	Data sheet	M0519 Series Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.5 V ~ 5.5 V
Supplier Device Package	64-LQFP (7x7)	Speed	72MHz
Series	NuMicro M0519	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, LVR, POR, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	51
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	18 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	4K x 8
Detailed Description	ARM® Cortex®-M0 NuMicro M0519 Microcontroller IC 32-Bit 72MHz 64KB (64K x 8) FLASH 64-LQFP (7x7)	Data Converters	A/D 16x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0
Connectivity	I²C, IrDA, LINbus, SPI, UART/USART		
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	Part#: M0518SC2AE Description: IC MCU 32BIT 36KB FLASH 64LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: M0518LC2AE Description: IC MCU 32BIT 36KB FLASH 48LQFP	Manufacturers: Nuvoton Technology Corporation America	RFQ
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	Part#: M0516ZAN Description: IC MCU 32BIT 64KB FLASH 33QFN	Manufacturers: Nuvoton Technology Corporation America	RFQ
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