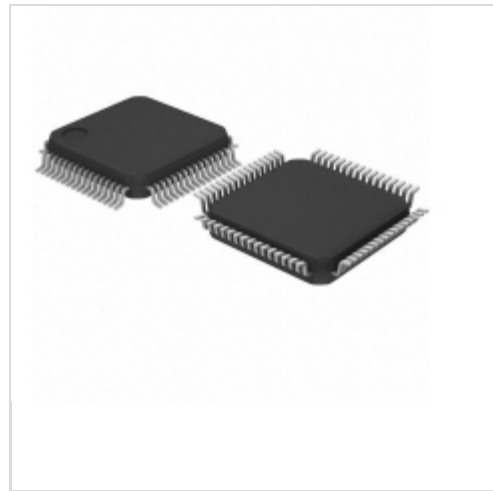


## M0518SD2AE



### Nuvoton Technology Corporation America

IC MCU 32BIT 68KB FLASH 64LQFP

Lead free / RoHS Compliant

Integrated Circuits (ICs)

[M0518SD2AE.pdf](#)

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**5**

**receive the goods**

## Specifications

<b>Voltage - Supply (Vcc/Vdd):</b>	2.5 V ~ 5.5 V
<b>Supplier Device Package:</b>	64-LQFP (7x7)
<b>Speed:</b>	50MHz
<b>Series:</b>	NuMicro M0518
<b>RAM Size:</b>	8K x 8
<b>Program Memory Type:</b>	FLASH
<b>Program Memory Size:</b>	68KB (68K x 8)
<b>Peripherals:</b>	Brown-out Detect/Reset, LVR, POR, PWM, WDT
<b>Packaging:</b>	Tray
<b>Package / Case:</b>	64-LQFP
<b>Oscillator Type:</b>	Internal
<b>Operating Temperature:</b>	-40°C ~ 105°C (TA)
<b>Number of I/O:</b>	56
<b>EEPROM Size:</b>	-
<b>Data Converters:</b>	A/D 8x12b
<b>Core Size:</b>	32-Bit
<b>Core Processor:</b>	ARM® Cortex®-M0
<b>Connectivity:</b>	I <sup>2</sup> C, IrDA, LIN, SPI, UART/USART

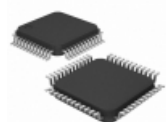
## Related products



### M0519SE3AE

IC MCU 32BIT 128KB FLASH 64LQFP  
Nuvoton Technology Corporation of America

**RFQ**



### M0519LD3AE

IC MCU 32BIT 64KB FLASH 48LQFP  
Nuvoton Technology Corporation of America

**RFQ**



### M0519VE3AE

IC MCU 32BIT 128KB FLASH 100LQFP  
Nuvoton Technology Corporation of America

**RFQ**

nuvoton

### M0516ZDE

IC MCU 32BIT 64KB FLASH 33QFN  
Nuvoton Technology Corporation of America

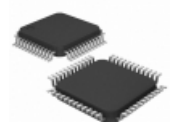
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### M0516ZDN

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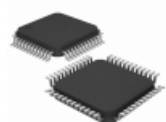
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### M0518LD2AE

IC MCU 32BIT 68KB FLASH 48LQFP  
Nuvoton Technology Corporation of America

**RFQ**



### M0518LC2AE

IC MCU 32BIT 36KB FLASH 48LQFP  
Nuvoton Technology Corporation of America

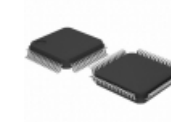
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### M0518SC2AE

IC MCU 32BIT 36KB FLASH 64LQFP  
Nuvoton Technology Corporation of America

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### M0519SD3AE

IC MCU 32BIT 64KB FLASH 64LQFP  
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IC DVR SW HI SIDE 2CH POWERSO12  
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Intersil

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### X5043M8Z-4.5A

IC CPU SUPERV 4K EEPROM 8-MSOP  
Intersil

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### MAX6138CEXR25+T

IC VREF SHUNT 2.5V SC70  
Maxim Integrated

**RFQ**



### S-8357F30MC-MGPT2G

IC REG CTRLR BOOST SOT23-5  
SII Semiconductor Corporation

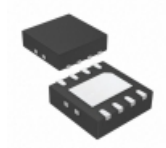
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### LM22670MR-5.0/NOPB

IC REG BUCK 5V 3A 8SOPWRPAD  
Texas Instruments

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### LT1965EDD-1.8#PBF

IC REG LDO 1.8V 1.1A 8DFN  
Linear Technology

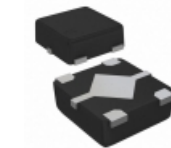
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### LP3964EMP-2.5/NOPB

IC REG LDO 2.5V 0.8A SOT223-5  
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