



Nuvoton Technology Corporation

America



M0518LC2AE

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | M0518LC2AE                                                                                                   |
| Manufacturer/Brand: | Nuvoton Technology Corporation America                                                                       |
| Product description | IC MCU 32BIT 36KB FLASH 48LQFP                                                                               |
| Datasheets:         |  M0518LC2AE.pdf             |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 52254 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

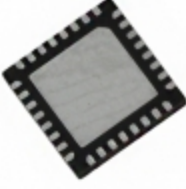
Specifications of M0518LC2AE

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| 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               | 52254 pcs                                                                                          |
| DATA SHEET                       |  M0518LC2AE.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              | 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)                                                                                      |
| 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                                                                 |

Related Tags

|                                                   |                                                 |                                                       |
|---------------------------------------------------|-------------------------------------------------|-------------------------------------------------------|
| Nuvoton Technology Corporation America M0518LC2AE | M0518LC2AE Distributor                          | M0518LC2AE Supplier                                   |
| M0518LC2AE Price                                  | M0518LC2AE Pictures                             | M0518LC2AE Image                                      |
| M0518LC2AE PDF Datasheet                          | M0518LC2AE Download Datasheet                   | M0518LC2AE Datasheet                                  |
| M0518LC2AE Stock                                  | Buy M0518LC2AE                                  | Buy Nuvoton Technology Corporation America M0518LC2AE |
| Nuvoton Technology Corporation America M0518LC2AE | Nuvoton Technology Corporation America Supplier | Nuvoton Technology Corporation America Distributor    |
| Nuvoton Technology Corporation America M0518LC2AE | Nuvoton Technology M0518LC2AE                   | Nuvoton Technology Corporation of America M0518LC2AE  |

Related Products

|                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                   |
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| <div></div> <div><b>M0518LD2AE</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 68KB FLASH 48LQFP<br/>In stock: 47731 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>M0519LD3AE</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 35729 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>M0516LDE</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 50478 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>M0516LAN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 2916 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>M0516ZDE</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 64KB FLASH 33QFN<br/>In stock: 45490 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>M0518SD2AE</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 68KB FLASH 64LQFP<br/>In stock: 39104 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>M0519SD3AE</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 39434 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>M0516ZAN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 64KB FLASH 33QFN<br/>In stock: 3046 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>M0518SC2AE</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 36KB FLASH 64LQFP<br/>In stock: 41866 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>M0519LE3AE</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: 34994 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>M0512-3-N</b><br/>Manufacturers: RAF<br/>Description: ROUND SPACER NYLON 13MM<br/>In stock: 71200 pcs<br/><div>RFQ</div></div>                                            | <div></div> <div><b>M0516ZBN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 64KB FLASH 33QFN<br/>In stock: 3376 pcs<br/><div>RFQ</div></div>      |