



Nuvoton Technology Corporation

America



M058LDE

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | M058LDE                                                                                                      |
| Manufacturer/Brand: | Nuvoton Technology Corporation America                                                                       |
| Product description | IC MCU 32BIT 32KB FLASH 48LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 64558 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of M058LDE

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M058LDE                                                                                             |
| MANUFACTURER                     | Nuvoton Technology Corporation America                                                              |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 48LQFP                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| QUANTITY AVAILABLE               | 64558 pcs                                                                                           |
| DATA SHEET                       |                                                                                                     |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.5 V ~ 5.5 V                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                                       |
| SPEED                            | 50MHz                                                                                               |
| SERIES                           | NuMicro M051™ DE                                                                                    |
| RAM SIZE                         | 4K x 8                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                               |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, LVD, POR, PWM, WDT                                                          |
| PACKAGING                        | Tray                                                                                                |
| PACKAGE / CASE                   | 48-LQFP                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                  |
| NUMBER OF I/O                    | 40                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| EEPROM SIZE                      | -                                                                                                   |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0 NuMicro M051™ DE Microcontroller IC 32-Bit 50MHz 32KB (32K x 8) FLASH 48-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 8x12b                                                                                           |
| CORE SIZE                        | 32-Bit                                                                                              |
| CORE PROCESSOR                   | ARM® Cortex®-M0                                                                                     |
| CONNECTIVITY                     | EBI/EMI, I²C, IrDA, LINbus, SPI, UART/USART                                                         |

Related Tags

|                                                |                                                 |                                                    |
|------------------------------------------------|-------------------------------------------------|----------------------------------------------------|
| Nuvoton Technology Corporation America M058LDE | M058LDE Distributor                             | M058LDE Supplier                                   |
| M058LDE Price                                  | M058LDE Pictures                                | M058LDE Image                                      |
| M058LDE PDF Datasheet                          | M058LDE Download Datasheet                      | M058LDE Datasheet                                  |
| M058LDE Stock                                  | Buy M058LDE                                     | Buy Nuvoton Technology Corporation America M058LDE |
| Nuvoton Technology Corporation America M058LDE | Nuvoton Technology Corporation America Supplier | Nuvoton Technology Corporation America Distributor |
| Nuvoton Technology Corporation America M058LDE | Nuvoton Technology M058LDE                      | Nuvoton Technology Corporation of America M058LDE  |

Related Products

|                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                   |
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| <div></div> <div><b>M058SSAN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 32KB FLASH 64LQFP<br/>In stock: 61932 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>M058LAN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br/>In stock: 5888 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>M058SFAN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 32KB FLASH 20TSSOP<br/>In stock: 81087 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>M058LBN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br/>In stock: 5224 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>M0564SE4AE</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: NUMICRO M0564 SERIES-HAS 256 KB<br/>In stock: 30508 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>M058SZAN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 32KB FLASH 33QFN<br/>In stock: 51557 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>M058SLAN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br/>In stock: 62712 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>M058ZBN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 32KB FLASH 33QFN<br/>In stock: 31877 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>M0564SG4AE</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: NUMICRO M0564 SERIES-HAS 256 KB<br/>In stock: 30868 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>M0564VG4AE</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: NUMICRO M0564 SERIES-HAS 256 KB<br/>In stock: 21720 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>M058ZAN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 32KB FLASH 33QFN<br/>In stock: 5736 pcs<br/><div>RFQ</div></div>       | <div></div> <div><b>M0564LG4AE</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: NUMICRO M0564 SERIES-HAS 256 KB<br/>In stock: 29594 pcs<br/><div>RFQ</div></div> |