



Nuvoton Technology Corporation

America



M054ZDE

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | M054ZDE                                                                                                      |
| Manufacturer/Brand: | Nuvoton Technology Corporation America                                                                       |
| Product description | IC MCU 32BIT 16KB FLASH 33QFN                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 51772 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of M054ZDE

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M054ZDE                                                                                            |
| MANUFACTURER                     | Nuvoton Technology Corporation America                                                             |
| DESCRIPTION                      | IC MCU 32BIT 16KB FLASH 33QFN                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| QUANTITY AVAILABLE               | 51772 pcs                                                                                          |
| DATA SHEET                       |                                                                                                    |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.5 V ~ 5.5 V                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 33-QFN (5x5)                                                                                       |
| SPEED                            | 50MHz                                                                                              |
| SERIES                           | NuMicro M051™ DE                                                                                   |
| RAM SIZE                         | 4K x 8                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                              |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                     |
| PERIPHERALS                      | Brown-out Detect/Reset, LVD, POR, PWM, WDT                                                         |
| PACKAGING                        | Tray                                                                                               |
| PACKAGE / CASE                   | 32-WFQFN Exposed Pad                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                 |
| NUMBER OF I/O                    | 24                                                                                                 |
| 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 16KB (16K x 8) FLASH 33-QFN (5x5) |
| DATA CONVERTERS                  | A/D 5x12b                                                                                          |
| CORE SIZE                        | 32-Bit                                                                                             |
| CORE PROCESSOR                   | ARM® Cortex®-M0                                                                                    |
| CONNECTIVITY                     | EBI/EMI, I²C, IrDA, LINbus, SPI, UART/USART                                                        |

Related Tags

|                                                |                                                 |                                                    |
|------------------------------------------------|-------------------------------------------------|----------------------------------------------------|
| Nuvoton Technology Corporation America M054ZDE | M054ZDE Distributor                             | M054ZDE Supplier                                   |
| M054ZDE Price                                  | M054ZDE Pictures                                | M054ZDE Image                                      |
| M054ZDE PDF Datasheet                          | M054ZDE Download Datasheet                      | M054ZDE Datasheet                                  |
| M054ZDE Stock                                  | Buy M054ZDE                                     | Buy Nuvoton Technology Corporation America M054ZDE |
| Nuvoton Technology Corporation America M054ZDE | Nuvoton Technology Corporation America Supplier | Nuvoton Technology Corporation America Distributor |
| Nuvoton Technology Corporation America M054ZDE | Nuvoton Technology M054ZDE                      | Nuvoton Technology Corporation of America M054ZDE  |

Related Products

|                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                   |
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| <div></div> <div><b>M054LBN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 16KB FLASH 48LQFP<br/>In stock: 6332 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>M054ZAN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 16KB FLASH 33QFN<br/>In stock: 4238 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>M0564LE4AE</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: NUMICRO M0564 SERIES-HAS 256 KB<br/>In stock: 33627 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>M054ZBN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 16KB FLASH 33QFN<br/>In stock: 3250 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> |
| <div></div> <div><b>M054LAN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 16KB FLASH 48LQFP<br/>In stock: 6240 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>M0546-4-AL</b><br/>Manufacturers: RAF<br/>Description: ROUND SPACER ALUMINUM 17MM<br/>In stock: 151025 pcs<br/><div>RFQ</div></div>                                        | <div></div> <div><b>M054LDE</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 16KB FLASH 48LQFP<br/>In stock: 61183 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>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> |