

nuvoTon

Nuvoton Technology Corporation

America

nuvoTon

M0564SG4AE

|                     |                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------|
| Part Number:        | M0564SG4AE                                                                                       |
| Manufacturer/Brand: | Nuvoton Technology Corporation America                                                           |
| Product description | NUMICRO M0564 SERIES-HAS 256 KB                                                                  |
| Datasheets:         |  M0564SG4AE.pdf |
| Stock Condition     | 30868 pcs stock                                                                                  |
| Ship From           | Hong Kong                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                            |

REQUEST FOR QUOTATION

Specifications of M0564SG4AE

|                                |                                                                                                    |
|--------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                    | M0564SG4AE                                                                                         |
| MANUFACTURER                   | Nuvoton Technology Corporation America                                                             |
| DESCRIPTION                    | NUMICRO M0564 SERIES-HAS 256 KB                                                                    |
| LEAD FREE STATUS / ROHS STATUS |                                                                                                    |
| QUANTITY AVAILABLE             | 30868 pcs                                                                                          |
| DATA SHEET                     |  M0564SG4AE.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)     | 2.5 V ~ 5.5 V                                                                                      |
| SUPPLIER DEVICE PACKAGE        | 64-LQFP (7x7)                                                                                      |
| SPEED                          | 72MHz                                                                                              |
| SERIES                         | NuMicro M0564                                                                                      |
| RAM SIZE                       | 20K x 8                                                                                            |
| PROGRAM MEMORY TYPE            | FLASH                                                                                              |
| PROGRAM MEMORY SIZE            | 256KB (256K x 8)                                                                                   |
| PERIPHERALS                    | Brown-out Detect/Reset, LVR, I²S, PWM                                                              |
| PACKAGE / CASE                 | 64-LQFP                                                                                            |
| OSCILLATOR TYPE                | Internal/External                                                                                  |
| OPERATING TEMPERATURE          | -40°C ~ 105°C (TA)                                                                                 |
| NUMBER OF I/O                  | 53                                                                                                 |
| LEAD FREE STATUS               | Lead free                                                                                          |
| EEPROM SIZE                    | 2K x 8                                                                                             |
| DETAILED DESCRIPTION           | ARM® Cortex®-M0 NuMicro M0564 Microcontroller IC 32-Bit 72MHz 256KB (256K x 8) FLASH 64-LQFP (7x7) |
| DATA CONVERTERS                | A/D 15x12b                                                                                         |
| CORE SIZE                      | 32-Bit                                                                                             |
| CORE PROCESSOR                 | ARM® Cortex®-M0                                                                                    |
| CONNECTIVITY                   | I²C, SPI, UART/USART                                                                               |

Related Tags

|                                                   |                                                 |                                                       |
|---------------------------------------------------|-------------------------------------------------|-------------------------------------------------------|
| Nuvoton Technology Corporation America M0564SG4AE | M0564SG4AE Distributor                          | M0564SG4AE Supplier                                   |
| M0564SG4AE Price                                  | M0564SG4AE Pictures                             | M0564SG4AE Image                                      |
| M0564SG4AE PDF Datasheet                          | M0564SG4AE Download Datasheet                   | M0564SG4AE Datasheet                                  |
| M0564SG4AE Stock                                  | Buy M0564SG4AE                                  | Buy Nuvoton Technology Corporation America M0564SG4AE |
| Nuvoton Technology Corporation America M0564SG4AE | Nuvoton Technology Corporation America Supplier | Nuvoton Technology Corporation America Distributor    |
| Nuvoton Technology Corporation America M0564SG4AE | Nuvoton Technology M0564SG4AE                   | Nuvoton Technology Corporation of America M0564SG4AE  |

Related Products

|                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><div>nuvoTon</div></div><div><div>M054ZAN</div><div>Manufacturers: Nuvoton Technology Corporation America</div><div>Description: IC MCU 32BIT 16KB FLASH 33QFN</div><div>In stock: 4238 pcs</div><div>RFQ</div></div></div>       | <div><div><div>nuvoTon</div></div><div><div>M058SLAN</div><div>Manufacturers: Nuvoton Technology Corporation America</div><div>Description: IC MCU 32BIT 32KB FLASH 48LQFP</div><div>In stock: 62712 pcs</div><div>RFQ</div></div></div>    |
| <div><div><div>nuvoTon</div></div><div><div>M0564VG4AE</div><div>Manufacturers: Nuvoton Technology Corporation America</div><div>Description: NUMICRO M0564 SERIES-HAS 256 KB</div><div>In stock: 21720 pcs</div><div>RFQ</div></div></div> | <div><div><div>nuvoTon</div></div><div><div>M058SFAN</div><div>Manufacturers: Nuvoton Technology Corporation America</div><div>Description: IC MCU 32BIT 32KB FLASH 20TSSOP</div><div>In stock: 81087 pcs</div><div>RFQ</div></div></div>   |
| <div><div><div>nuvoTon</div></div><div><div>M0564LG4AE</div><div>Manufacturers: Nuvoton Technology Corporation America</div><div>Description: NUMICRO M0564 SERIES-HAS 256 KB</div><div>In stock: 29594 pcs</div><div>RFQ</div></div></div> | <div><div><div>nuvoTon</div></div><div><div>M058LDE</div><div>Manufacturers: Nuvoton Technology Corporation America</div><div>Description: IC MCU 32BIT 32KB FLASH 48LQFP</div><div>In stock: 64558 pcs</div><div>RFQ</div></div></div>     |
| <div><div><div>nuvoTon</div></div><div><div>M058LAN</div><div>Manufacturers: Nuvoton Technology Corporation America</div><div>Description: IC MCU 32BIT 32KB FLASH 48LQFP</div><div>In stock: 5888 pcs</div><div>RFQ</div></div></div>      | <div><div><div>nuvoTon</div></div><div><div>M0564LE4AE</div><div>Manufacturers: Nuvoton Technology Corporation America</div><div>Description: NUMICRO M0564 SERIES-HAS 256 KB</div><div>In stock: 33627 pcs</div><div>RFQ</div></div></div> |
| <div><div><div>nuvoTon</div></div><div><div>M054ZBN</div><div>Manufacturers: Nuvoton Technology Corporation America</div><div>Description: IC MCU 32BIT 16KB FLASH 33QFN</div><div>In stock: 3250 pcs</div><div>RFQ</div></div></div>       | <div><div><div>nuvoTon</div></div><div><div>M058LBN</div><div>Manufacturers: Nuvoton Technology Corporation America</div><div>Description: IC MCU 32BIT 32KB FLASH 48LQFP</div><div>In stock: 5224 pcs</div><div>RFQ</div></div></div>      |
| <div><div><div>nuvoTon</div></div><div><div>M0564SE4AE</div><div>Manufacturers: Nuvoton Technology Corporation America</div><div>Description: NUMICRO M0564 SERIES-HAS 256 KB</div><div>In stock: 30508 pcs</div><div>RFQ</div></div></div> | <div><div><div>nuvoTon</div></div><div><div>M054ZDE</div><div>Manufacturers: Nuvoton Technology Corporation America</div><div>Description: IC MCU 32BIT 16KB FLASH 33QFN</div><div>In stock: 51772 pcs</div><div>RFQ</div></div></div>      |

