



**Nuvoton Technology Corporation**

America



**NUC100RD1BN**

|                     |                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number:        | NUC100RD1BN                                                                                                       |
| Manufacturer/Brand: | Nuvoton Technology Corporation America                                                                            |
| Product description | IC MCU 32BIT 64KB FLASH 64LQFP                                                                                    |
| Datasheets:         |  <a href="#">NUC100RD1BN.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant      |
| Stock Condition     | 25883 pcs stock                                                                                                   |
| Ship From           | Hong Kong                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                             |

REQUEST FOR QUOTATION

Specifications of NUC100RD1BN

|                                  |                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | NUC100RD1BN                                                                                                         |
| MANUFACTURER                     | Nuvoton Technology Corporation America                                                                              |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 64LQFP                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| QUANTITY AVAILABLE               | 25883 pcs                                                                                                           |
| DATA SHEET                       |  <a href="#">NUC100RD1BN.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.5 V ~ 5.5 V                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                                     |
| SPEED                            | 50MHz                                                                                                               |
| SERIES                           | NuMicro™ NUC100                                                                                                     |
| RAM SIZE                         | 4K x 8                                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                               |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, LVD, POR, PS2, PWM, WDT                                                           |
| PACKAGING                        | Tray                                                                                                                |
| PACKAGE / CASE                   | 64-LQFP                                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                   |
| NUMBER OF I/O                    | 49                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| EEPROM SIZE                      | -                                                                                                                   |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0 NuMicro™ NUC100 Microcontroller IC 32-Bit 50MHz 64KB (64K x 8) FLASH 64-LQFP (10x10)                |
| DATA CONVERTERS                  | A/D 8x12b                                                                                                           |
| CORE SIZE                        | 32-Bit                                                                                                              |
| CORE PROCESSOR                   | ARM® Cortex®-M0                                                                                                     |
| CONNECTIVITY                     | EBI/EMI, I²C, IrDA, SPI, UART/USART                                                                                 |

Related Tags

|                                                    |                                                 |                                                        |
|----------------------------------------------------|-------------------------------------------------|--------------------------------------------------------|
| Nuvoton Technology Corporation America NUC100RD1BN | NUC100RD1BN Distributor                         | NUC100RD1BN Supplier                                   |
| NUC100RD1BN Price                                  | NUC100RD1BN Pictures                            | NUC100RD1BN Image                                      |
| NUC100RD1BN PDF Datasheet                          | NUC100RD1BN Download Datasheet                  | NUC100RD1BN Datasheet                                  |
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| Nuvoton Technology Corporation America NUC100RD1BN | Nuvoton Technology Corporation America Supplier | Nuvoton Technology Corporation America Distributor     |
| Nuvoton Technology Corporation America NUC100RD1BN | Nuvoton Technology NUC100RD1BN                  | Nuvoton Technology Corporation of America NUC100RD1BN  |

Related Products

|                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div> <b>NUC100RD2BN</b> </div> <div> Manufacturers: Nuvoton Technology Corporation America<br/> Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/> In stock: 27816 pcs </div> <div>RFQ</div>  |  <div> <b>NUC100RC1DN</b> </div> <div> Manufacturers: Nuvoton Technology Corporation America<br/> Description: IC MCU 32BIT 32KB FLASH 64LQFP<br/> In stock: 37823 pcs </div> <div>RFQ</div>  |
|  <div> <b>NUC100LE3AN</b> </div> <div> Manufacturers: Nuvoton Technology Corporation America<br/> Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/> In stock: 25964 pcs </div> <div>RFQ</div> |  <div> <b>NUC100LD2DN</b> </div> <div> Manufacturers: Nuvoton Technology Corporation America<br/> Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/> In stock: 31963 pcs </div> <div>RFQ</div>  |
|  <div> <b>NUC100RE3DN</b> </div> <div> Manufacturers: Nuvoton Technology Corporation America<br/> Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/> In stock: 24290 pcs </div> <div>RFQ</div> |  <div> <b>NUC100LD3AN</b> </div> <div> Manufacturers: Nuvoton Technology Corporation America<br/> Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/> In stock: 2913 pcs </div> <div>RFQ</div>   |
|  <div> <b>NUC100RD3AN</b> </div> <div> Manufacturers: Nuvoton Technology Corporation America<br/> Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/> In stock: 5088 pcs </div> <div>RFQ</div>   |  <div> <b>NUC100LE3DN</b> </div> <div> Manufacturers: Nuvoton Technology Corporation America<br/> Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/> In stock: 20225 pcs </div> <div>RFQ</div> |
|  <div> <b>NUC100RE3AN</b> </div> <div> Manufacturers: Nuvoton Technology Corporation America<br/> Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/> In stock: 4953 pcs </div> <div>RFQ</div>  |  <div> <b>NUC100RD2DN</b> </div> <div> Manufacturers: Nuvoton Technology Corporation America<br/> Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/> In stock: 29232 pcs </div> <div>RFQ</div>  |
|  <div> <b>NUC100RD1DN</b> </div> <div> Manufacturers: Nuvoton Technology Corporation America<br/> Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/> In stock: 30580 pcs </div> <div>RFQ</div>  |  <div> <b>NUC100RC1BN</b> </div> <div> Manufacturers: Nuvoton Technology Corporation America<br/> Description: IC MCU 32BIT 32KB FLASH 64LQFP<br/> In stock: 32826 pcs </div> <div>RFQ</div>  |