

NUC100RD1DN



Part Number: [NUC100RD1DN](#)

Manufacturer: [Nuvoton Technology Corporation America](#)

Description: IC MCU 32BIT 64KB FLASH 64LQFP

Data sheet:  [NUC100, NUC120 Series Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                      |                                 |                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                            | NUC100RD1DN                                                                                          | Manufacturer                    | <a href="#">Nuvoton Technology Corporation America</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 32BIT 64KB FLASH 64LQFP                                                                       | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                     | 31233 pcs                                                                                            | Data sheet                      | <a href="#">NUC100, NUC120 Series Datasheet</a>        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</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                   | 51                                                     |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                       | 3 (168 Hours)                                                                                        | Manufacturer Standard Lead Time | 18 Weeks                                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant                                                                           | EEPROM Size                     | 4K x 8                                                 |
| 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, SmartCard, SPI, UART/USART                                                       |                                 |                                                        |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Nuvoton Technology Corporation America series electronic components. We have 31233 pieces of Nuvoton Technology Corporation America NUC100RD1DN in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                                                                                      |                                 |                                                        |

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