

nuvoTon

Nuvoton Technology Corporation

America

nuvoTon

Image may be representation. See specifications for product details.

## NUC100VE3DN

|                     |                                                      |
|---------------------|------------------------------------------------------|
| Part Number:        | NUC100VE3DN                                          |
| Manufacturer/Brand: | Nuvoton Technology Corporation America               |
| Product description | IC MCU 32BIT 128KB FLASH 100LQFP                     |
| Datasheets:         | <div><div>PDF</div>NUC100VE3DN.pdf</div>             |
| RoHs Status         | <div><div>RoHS</div>Lead free / RoHS Compliant</div> |
| Stock Condition     | 22457 pcs stock                                      |
| Ship From           | Hong Kong                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                |

REQUEST FOR QUOTATION

### Specifications of NUC100VE3DN

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| PART NUMBER                      | NUC100VE3DN                                                                            |
| MANUFACTURER                     | Nuvoton Technology Corporation America                                                 |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 100LQFP                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                             |
| QUANTITY AVAILABLE               | 22457 pcs                                                                              |
| DATA SHEET                       | <div><div>PDF</div>NUC100VE3DN.pdf</div>                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.5 V ~ 5.5 V                                                                          |
| SPEED                            | 50MHz                                                                                  |
| SERIES                           | NuMicro™ NUC100                                                                        |
| RAM SIZE                         | 16K x 8                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                  |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, LVD, POR, PS2, PWM, WDT                              |
| PACKAGING                        | Tray                                                                                   |
| PACKAGE / CASE                   | 100-LQFP                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                      |
| NUMBER OF I/O                    | 54                                                                                     |
| 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 128KB (128K x 8) FLASH |
| 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 NUC100VE3DN | NUC100VE3DN Distributor                         | NUC100VE3DN Supplier                                   |
| NUC100VE3DN Price                                  | NUC100VE3DN Pictures                            | NUC100VE3DN Image                                      |
| NUC100VE3DN PDF Datasheet                          | NUC100VE3DN Download Datasheet                  | NUC100VE3DN Datasheet                                  |
| NUC100VE3DN Stock                                  | Buy NUC100VE3DN                                 | Buy Nuvoton Technology Corporation America NUC100VE3DN |
| Nuvoton Technology Corporation America NUC100VE3DN | Nuvoton Technology Corporation America Supplier | Nuvoton Technology Corporation America Distributor     |
| Nuvoton Technology Corporation America NUC100VE3DN | Nuvoton Technology NUC100VE3DN                  | Nuvoton Technology Corporation of America NUC100VE3DN  |

### Related Products

|                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>nuvoTon</div><div><div>NUC100VD3AN</div><div>Manufacturers: Nuvoton Technology Corporation America</div><div>Description: IC MCU 32BIT 64KB FLASH 100LQFP</div><div>In stock: 3996 pcs</div><div>RFQ</div></div></div> | <div><div>nuvoTon</div><div><div>NUC100RE3DN</div><div>Manufacturers: Nuvoton Technology Corporation America</div><div>Description: IC MCU 32BIT 128KB FLASH 64LQFP</div><div>In stock: 24290 pcs</div><div>RFQ</div></div></div>            |
| <div><div>nuvoTon</div><div><div>NUC100RE3AN</div><div>Manufacturers: Nuvoton Technology Corporation America</div><div>Description: IC MCU 32BIT 128KB FLASH 64LQFP</div><div>In stock: 4953 pcs</div><div>RFQ</div></div></div> | <div><div>nuvoTon</div><div><div>NUC120LD2DN</div><div>Manufacturers: Nuvoton Technology Corporation America</div><div>Description: IC MCU 32BIT 64KB FLASH 48LQFP</div><div>In stock: 29550 pcs</div><div>RFQ</div></div></div>             |
| <div><div>nuvoTon</div><div><div>NUC100RD3AN</div><div>Manufacturers: Nuvoton Technology Corporation America</div><div>Description: IC MCU 32BIT 64KB FLASH 64LQFP</div><div>In stock: 5088 pcs</div><div>RFQ</div></div></div>  | <div><div>nuvoTon</div><div><div>NUC100VE3AN</div><div>Manufacturers: Nuvoton Technology Corporation America</div><div>Description: IC MCU 32BIT 128KB FLASH 100LQFP</div><div>In stock: 17642 pcs</div><div>RFQ</div></div></div>           |
| <div><div>nuvoTon</div><div><div>NUC120LD2BN</div><div>Manufacturers: Nuvoton Technology Corporation America</div><div>Description: IC MCU 32BIT 64KB FLASH 48LQFP</div><div>In stock: 31452 pcs</div><div>RFQ</div></div></div> | <div><div>nuvoTon</div><div><div>NUC120LD1BN</div><div>Manufacturers: Nuvoton Technology Corporation America</div><div>Description: IC MCU 32BIT 64KB FLASH 48LQFP</div><div>In stock: 4196 pcs</div><div>RFQ</div></div></div>              |
| <div><div>nuvoTon</div><div><div>NUC100VD2AN</div><div>Manufacturers: Nuvoton Technology Corporation America</div><div>Description: IC MCU 32BIT 64KB FLASH 100LQFP</div><div>In stock: 6559 pcs</div><div>RFQ</div></div></div> | <div><div>nuvoTon</div><div><div>NUC120LC1BN</div><div>Manufacturers: Nuvoton Technology Corporation America</div><div>Description: IC MCU 32BIT 32KB FLASH 48LQFP</div><div>In stock: 32051 pcs</div><div>RFQ</div></div></div>             |
| <div><div>nuvoTon</div><div><div>NUC120LC1DN</div><div>Manufacturers: Nuvoton Technology Corporation America</div><div>Description: IC MCU 32BIT 32KB FLASH 48LQFP</div><div>In stock: 36983 pcs</div><div>RFQ</div></div></div> | <div><div><div>EAT•N</div><div>Powering Business Worldwide</div></div><div><div>NUC12</div><div>Manufacturers: Bussmann (Eaton)</div><div>Description: COVER FOR TERM BLK KU12</div><div>In stock: 18738 pcs</div><div>RFQ</div></div></div> |