

NANO100SC2BN



**Part Number:** [NANO100SC2BN](#)

**Manufacturer:** [Nuvoton Technology Corporation America](#)

**Description:** IC MCU 32BIT 32KB FLASH 64LQFP

**Data sheet:**

**RoHS Status:** Lead free / RoHS Compliant

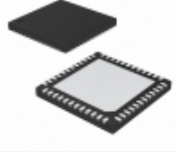
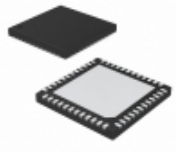
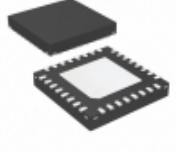
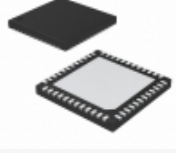
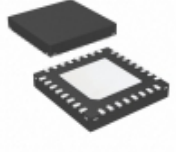
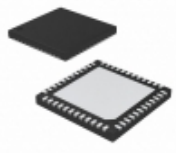
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy NANO100SC2BN with confidence from Component-World.HK, 1 Year Warranty

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                  |                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NANO100SC2BN                              | Manufacturer                     | <a href="#">Nuvoton Technology Corporation America</a>                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 32BIT 32KB FLASH 64LQFP            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 37195 pcs                                 | Data sheet                       |                                                                                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V                                                                         |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 42MHz                                     | Series                           | NuMicro™ Nano100                                                                      |
| RAM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8K x 8                                    | Program Memory Type              | FLASH                                                                                 |
| Program Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 32KB (32K x 8)                            | Peripherals                      | Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT                          |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tray                                      | Package / Case                   | 64-LQFP                                                                               |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                     |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 52                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                         |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 18 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                            |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                         | Detailed Description             | ARM® Cortex®-M0 NuMicro™ Nano100 Microcontroller IC 32-Bit 42MHz 32KB (32K x 8) FLASH |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A/D 7x12b, D/A 2x12b                      | Core Size                        | 32-Bit                                                                                |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ARM® Cortex®-M0                           | Connectivity                     | I <sup>2</sup> C, 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 37195 pieces of Nuvoton Technology Corporation America NANO100SC2BN 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: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                                                                       |

| RELATED PRODUCTS                                                                   |                                                                                      |                                                                       |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">NANO100SD2BN</a><br>Description: IC MCU 32BIT 64KB FLASH 64LQFP   | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NANO100KE3BN</a><br>Description: IC MCU 32BIT 128KB FLASH 128LQFP | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NANO100LD2BN</a><br>Description: IC MCU 32BIT 64KB FLASH 48LQFP   | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NANO100KD3BN</a><br>Description: IC MCU 32BIT 64KB FLASH 128LQFP  | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NANO102LB1AN</a><br>Description: IC MCU 32BIT 16KB FLASH 48LQFP   | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NANO100NC2BN</a><br>Description: IC MCU 32BIT 32KB FLASH 48QFN    | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NANO100ND3BN</a><br>Description: IC MCU 32BIT 64KB FLASH 48QFN    | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NANO102SC2AN</a><br>Description: IC MCU 32BIT 32KB FLASH 64LQFP   | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NANO102ZC2AN</a><br>Description: IC MCU 32BIT 32KB FLASH 33QFN    | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NANO100SE3BN</a><br>Description: IC MCU 32BIT 128KB FLASH 64LQFP  | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NANO100LE3BN</a><br>Description: IC MCU 32BIT 128KB FLASH 48LQFP  | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NANO100NE3BN</a><br>Description: IC MCU 32BIT 128KB FLASH 48QFN   | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NANO102ZB1AN</a><br>Description: IC MCU 32BIT 16KB FLASH 33QFN    | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NANO100LC2BN</a><br>Description: IC MCU 32BIT 32KB FLASH 48LQFP   | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NANO100ND2BN</a><br>Description: IC MCU 32BIT 64KB FLASH 48QFN    | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NANO100LD3BN</a><br>Description: IC MCU 32BIT 64KB FLASH 48LQFP   | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NANO103LD3AN</a><br>Description: NUMICRO NANO SERIES-ULTRA-LOW PO | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NANO100SD3BN</a><br>Description: IC MCU 32BIT 64KB FLASH 64LQFP   | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NANO103SD3AN</a><br>Description: NUMICRO NANO SERIES-ULTRA-LOW PO | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NANO102LC2AN</a><br>Description: IC MCU 32BIT 32KB FLASH 48LQFP   | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <a href="#">RFQ</a> |

|                                          |                                        |                                 |                                           |
|------------------------------------------|----------------------------------------|---------------------------------|-------------------------------------------|
| Related keywords for <b>NANO100SC2BN</b> |                                        |                                 |                                           |
| Nuvoton Technology Corporation America   | NANO100SC2BN distributor               | NANO100SC2BN supplier           | NANO100SC2BN price                        |
| NANO100SC2BN                             | NANO100SC2BN download datasheet        | NANO100SC2BN datasheet          | NANO100SC2BN stock                        |
| buy NANO100SC2BN                         | Nuvoton Technology Corporation America | Nuvoton Technology NANO100SC2BN | Nuvoton Technology Corporation of America |
|                                          | NANO100SC2BN                           |                                 | NANO100SC2BN                              |