



Nuvoton Technology Corporation

America



NANO100LD2BN

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | NANO100LD2BN                                                                                                 |
| Manufacturer/Brand: | Nuvoton Technology Corporation America                                                                       |
| Product description | IC MCU 32BIT 64KB FLASH 48LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 33149 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

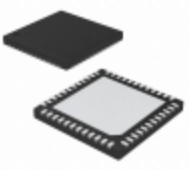
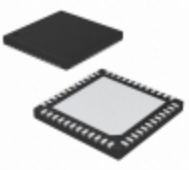
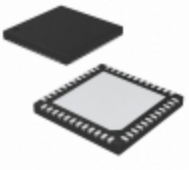
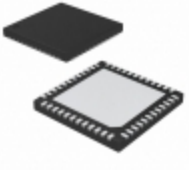
Specifications of NANO100LD2BN

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| PART NUMBER                      | NANO100LD2BN                                                                          |
| MANUFACTURER                     | Nuvoton Technology Corporation America                                                |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 48LQFP                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                            |
| QUANTITY AVAILABLE               | 33149 pcs                                                                             |
| DATA SHEET                       |                                                                                       |
| 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              | 64KB (64K x 8)                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                       |
| PACKAGING                        | Tray                                                                                  |
| PACKAGE / CASE                   | 48-LQFP                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                     |
| NUMBER OF I/O                    | 38                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                            |
| EEPROM SIZE                      | -                                                                                     |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0 NuMicro™ Nano100 Microcontroller IC 32-Bit 42MHz 64KB (64K x 8) FLASH |
| DATA CONVERTERS                  | A/D 7x12b, D/A 2x12b                                                                  |
| CORE SIZE                        | 32-Bit                                                                                |
| CORE PROCESSOR                   | ARM® Cortex®-M0                                                                       |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                  |

Related Tags

|                                                        |                                                 |                                                            |
|--------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|
| Nuvoton Technology Corporation America<br>NANO100LD2BN | NANO100LD2BN Distributor                        | NANO100LD2BN Supplier                                      |
| NANO100LD2BN Price                                     | NANO100LD2BN Pictures                           | NANO100LD2BN Image                                         |
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Related Products

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| <div></div> <div><b>NANO100LD3BN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 37808 pcs</div> <div>RFQ</div>  | <div></div> <div><b>NANO100KC2BN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 32KB FLASH 128LQFP<br/>In stock: 3104 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>NANO100ND2BN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 64KB FLASH 48QFN<br/>In stock: 38538 pcs</div> <div>RFQ</div>   | <div></div> <div><b>NANO100NC2BN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 32KB FLASH 48QFN<br/>In stock: 42185 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>NANO100KD2BN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 64KB FLASH 128LQFP<br/>In stock: 5175 pcs</div> <div>RFQ</div>  | <div></div> <div><b>NANO100KD3BN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 64KB FLASH 128LQFP<br/>In stock: 23414 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>NANO100ND3BN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 64KB FLASH 48QFN<br/>In stock: 32853 pcs</div> <div>RFQ</div>   | <div></div> <div><b>NANO-EASE</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: DEBUG AND FLASH PROGRAMMING<br/>In stock: 2408 pcs</div> <div>RFQ</div>                             |
| <div></div> <div><b>NANO100LC2BN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br/>In stock: 33982 pcs</div> <div>RFQ</div>  | <div></div> <div><b>NANO100NE3BN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 128KB FLASH 48QFN<br/>In stock: 25679 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>NANO100LE3BN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: 27144 pcs</div> <div>RFQ</div> | <div></div> <div><b>NANO100KE3BN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 128KB FLASH 128LQFP<br/>In stock: 28195 pcs</div> <div>RFQ</div> |