

NUC130VE3CN



**Part Number:** [NUC130VE3CN](#)

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

**Description:** IC MCU 32BIT 128KB FLASH 100LQFP

**Data sheet:**  [NUC130 Datasheet](#)  
 [NUC130/140 Series Flyer](#)  
 [NUC130/NUC140 Ref Manual](#)  
 [NUC130 Brief](#)

**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.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                  |                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                            | NUC130VE3CN                               | Manufacturer                     | <a href="#">Nuvoton Technology Corporation America</a>                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 32BIT 128KB FLASH 100LQFP          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                     | 16389 pcs                                 | Data sheet                       | <a href="#">NUC130 Datasheet</a><br><a href="#">NUC130/140 Series Flyer</a><br><a href="#">NUC130/NUC140 Ref Manual</a><br><a href="#">NUC130 Brief</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 2.5 V ~ 5.5 V                                                                                                                                           |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 50MHz                                     | Series                           | NuMicro™ NUC130                                                                                                                                         |
| RAM Size                                                                                                                                                                                                                                                                                                                                                                                                                                               | 16K x 8                                   | Program Memory Type              | FLASH                                                                                                                                                   |
| Program Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                    | 128KB (128K x 8)                          | Peripherals                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                                                                         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tray                                      | Package / Case                   | 100-LQFP                                                                                                                                                |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                        | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                                                                       |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                          | 80                                        | 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™ NUC130 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                     | CANbus, EBI/EMI, I²C, IrDA, LINbus, SPI, UART/USART                                                                                                     |
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|  | Part#: <a href="#">NUC140RD2CN</a><br>Description: IC MCU 32BIT 64KB FLASH 64LQFP  | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">NUC130RE3CN</a><br>Description: IC MCU 32BIT 128KB FLASH 64LQFP | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <a href="#">RFQ</a> |
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