



Nuvoton Technology Corporation



Image may be representation. See specifications for product details.

NUC131LC2AE

|                     |                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number:        | NUC131LC2AE                                                                                                       |
| Manufacturer/Brand: | Nuvoton Technology Corporation America                                                                            |
| Product description | IC MCU 32BIT 36KB FLASH 48LQFP                                                                                    |
| Datasheets:         |  <a href="#">NUC131LC2AE.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant      |
| Ship From           | Hong Kong                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                             |

REQUEST FOR QUOTATION

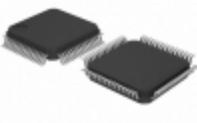
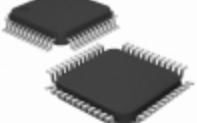
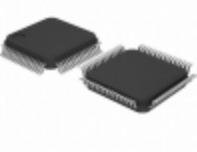
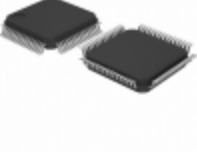
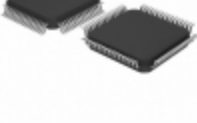
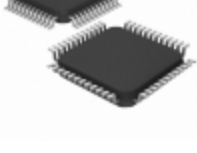
Specifications of NUC131LC2AE

|                                  |                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | NUC131LC2AE                                                                                                         |
| MANUFACTURER                     | Nuvoton Technology Corporation America                                                                              |
| DESCRIPTION                      | IC MCU 32BIT 36KB FLASH 48LQFP                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| DATA SHEET                       |  <a href="#">NUC131LC2AE.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.5 V ~ 5.5 V                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                                                       |
| SPEED                            | 50MHz                                                                                                               |
| SERIES                           | NuMicro™ NUC131                                                                                                     |
| RAM SIZE                         | 8K x 8                                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                               |
| PROGRAM MEMORY SIZE              | 36KB (36K x 8)                                                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                          |
| PACKAGING                        | Tray                                                                                                                |
| PACKAGE / CASE                   | 48-LQFP                                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                  |
| NUMBER OF I/O                    | 42                                                                                                                  |
| 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™ NUC131 Microcontroller IC 32-Bit 50MHz 36KB (36K x 8) FLASH 48-LQFP (7x7)                  |
| DATA CONVERTERS                  | A/D 8x12b                                                                                                           |
| CORE SIZE                        | 32-Bit                                                                                                              |
| CORE PROCESSOR                   | ARM® Cortex®-M0                                                                                                     |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART                                                                          |

Related Tags

|                                                    |                                                 |                                                        |
|----------------------------------------------------|-------------------------------------------------|--------------------------------------------------------|
| Nuvoton Technology Corporation America NUC131LC2AE | NUC131LC2AE Distributor                         | NUC131LC2AE Supplier                                   |
| NUC131LC2AE Price                                  | NUC131LC2AE Pictures                            | NUC131LC2AE Image                                      |
| NUC131LC2AE PDF Datasheet                          | NUC131LC2AE Download Datasheet                  | NUC131LC2AE Datasheet                                  |
| NUC131LC2AE Stock                                  | Buy NUC131LC2AE                                 | Buy Nuvoton Technology Corporation America NUC131LC2AE |
| Nuvoton Technology Corporation America NUC131LC2AE | Nuvoton Technology Corporation America Supplier | Nuvoton Technology Corporation America Distributor     |
| Nuvoton Technology Corporation America NUC131LC2AE | Nuvoton Technology NUC131LC2AE                  | Nuvoton Technology Corporation of America NUC131LC2AE  |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                     |
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|  <div><b>NUC131LD2AE</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 68KB FLASH 48LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>NUC140LD2CN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>NUC130RC1CN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 32KB FLASH 64LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>NUC130LD2CN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>NUC140LC1CN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>NUC130RD2CN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>NUC130VE3CN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>NUC131SD2AE</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 68KB FLASH 64LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>NUC131SC2AE</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 36KB FLASH 64LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>NUC130RE3CN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>NUC140LE3CN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>NUC130LE3CN</b><br/>Manufacturers: Nuvoton Technology Corporation America<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: 2 pcs<br/><b>RFQ</b></div>     |

