

MKL25Z32VLK4



**Part Number:** [MKL25Z32VLK4](#)

**Manufacturer:** [NXP Semiconductors / Freescale](#)

**Description:** IC MCU 32BIT 32KB FLASH 80LQFP

**Data sheet:** [PDF KL24,KL25 Product Brief](#)  
[PDF KL25ZxxV\(FM,FT,LH,LK\)4 Datasheet](#)  
[PDF KL2x MCU Family Fact Sheet](#)  
[PDF KL25 Sub-Family Manual](#)

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

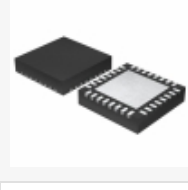
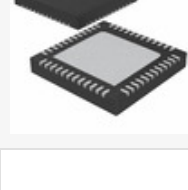
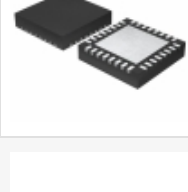
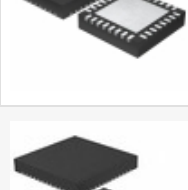
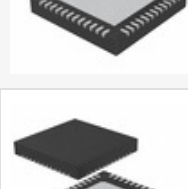
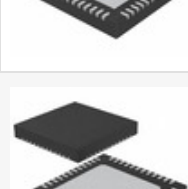
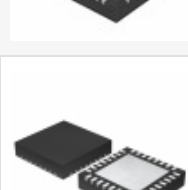
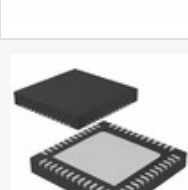
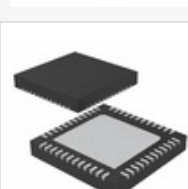
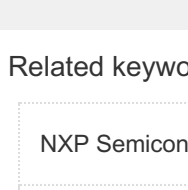
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
**Buy MKL25Z32VLK4 with confidence from Component-World.HK, 1 Year Warranty**

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                   |                                  |                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MKL25Z32VLK4                                                                                      | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                                                                                                                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 32BIT 32KB FLASH 80LQFP                                                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 18563 pcs                                                                                         | Data sheet                       | <a href="#">KL24,KL25 Product Brief</a><br><a href="#">KL25ZxxV(FM,FT,LH,LK)4 Datasheet</a><br><a href="#">KL2x MCU Family Fact Sheet</a><br><a href="#">KL25 Sub-Family Manual</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                                                         | Voltage - Supply (Vcc/Vdd)       | 1.71 V ~ 3.6 V                                                                                                                                                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 80-LQFP (12x12)                                                                                   | Speed                            | 48MHz                                                                                                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Kinetis KL2                                                                                       | RAM Size                         | 4K x 8                                                                                                                                                                              |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FLASH                                                                                             | Program Memory Size              | 32KB (32K x 8)                                                                                                                                                                      |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Brown-out Detect/Reset, DMA, LVD, POR, PWM, WDT                                                   | Packaging                        | Tray                                                                                                                                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 80-LQFP                                                                                           | Other Names                      | 935323406557                                                                                                                                                                        |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Internal                                                                                          | Operating Temperature            | -40°C ~ 105°C (TA)                                                                                                                                                                  |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 66                                                                                                | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                                                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant                                                                        | EEPROM Size                      | -                                                                                                                                                                                   |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ARM® Cortex®-M0+ Kinetis KL2 Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 80-LQFP (12x12) | Data Converters                  | A/D 14x16b, D/A 1x12b                                                                                                                                                               |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 32-Bit                                                                                            | Core Processor                   | ARM® Cortex®-M0+                                                                                                                                                                    |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | I²C, LINbus, SPI, UART/USART, USB, USB OTG                                                        | Base Part Number                 | MKL25Z32                                                                                                                                                                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 18563 pieces of NXP Semiconductors / Freescale MKL25Z32VLK4 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="#">MKL25Z64VLH4</a><br>Description: IC MCU 32BIT 64KB FLASH 64LQFP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MKL24Z64VLH4</a><br>Description: IC MCU 32BIT 64KB FLASH 64LQFP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MKL25Z128VLK4</a><br>Description: IC MCU 32BIT 128KB FLASH 80LQFP   | Manufacturers: <a href="#">NXP USA Inc.</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MKL26Z128VFM4</a><br>Description: IC MCU 32BIT 128KB FLASH 32QFN    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MKL25Z128VLH4</a><br>Description: IC MCU 32BIT 128KB FLASH 64LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MKL25Z128VFT4</a><br>Description: IC MCU 32BIT 128KB FLASH 48QFN    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MKL25Z64VLK4</a><br>Description: IC MCU 32BIT 64KB FLASH 80LQFP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MKL26Z128VLH4</a><br>Description: IC MCU 32BIT 128KB FLASH 64LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MKL25Z32VFM4</a><br>Description: IC MCU 32BIT 32KB FLASH 32QFN      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MKL24Z64VLK4</a><br>Description: IC MCU 32BIT 64KB FLASH 80LQFP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MKL26Z128VLH4R</a><br>Description: IC MCU 32BIT 128KB FLASH 64LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MKL25Z32VLH4</a><br>Description: IC MCU 32BIT 32KB FLASH 64LQFP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MKL25Z64VFM4</a><br>Description: IC MCU 32BIT 64KB FLASH 32QFN      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MKL25Z32VFT4</a><br>Description: IC MCU 32BIT 32KB FLASH 48QFN      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MKL26Z128VFT4</a><br>Description: IC MCU 32BIT 128KB FLASH 48QFN    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MKL25Z64VFT4</a><br>Description: IC MCU 32BIT 64KB FLASH 48QFN      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MKL25Z128VFM4</a><br>Description: IC MCU 32BIT 128KB FLASH 32QFN    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MKL24Z64VFT4</a><br>Description: IC MCU 32BIT 64KB FLASH 48QFN      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MKL26Z128VFT4R</a><br>Description: KINETIS KL26: 48MHZ CORTEX-M0+ U | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MKL26Z128CAL4R</a><br>Description: KINETIS KL26: 48MHZ CORTEX-M0+ U | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |

Related keywords for MKL25Z32VLK4

|                                             |                                 |                        |                                            |
|---------------------------------------------|---------------------------------|------------------------|--------------------------------------------|
| NXP Semiconductors / Freescale MKL25Z32VLK4 | MKL25Z32VLK4 distributor        | MKL25Z32VLK4 supplier  | MKL25Z32VLK4 price                         |
| MKL25Z32VLK4 download datasheet             | MKL25Z32VLK4 datasheet          | MKL25Z32VLK4 stock     | buy MKL25Z32VLK4                           |
| NXP Semiconductors / Freescale MKL25Z32VLK4 | NXP Semiconductors MKL25Z32VLK4 | Freescale MKL25Z32VLK4 | Freescale Semiconductor - NXP MKL25Z32VLK4 |
| NXP USA Inc. MKL25Z32VLK4                   |                                 |                        |                                            |