

MK10DN32VFT5



Images are for reference only.  
See Product Specifications for product details.  
Buy MK10DN32VFT5 with confidence from Component-World.HK, 1 Year Warranty



**Part Number:** [MK10DN32VFT5](#)

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

**Description:** IC MCU 32BIT 32KB FLASH 48QFN

**Data sheet:**  [K10\\_LF/FT5 Datasheet](#)  
 [K10\\_LF/FT5 Ref Manual](#)  
 [K10 Family Fact Sheet](#)

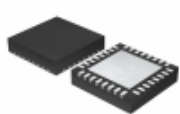
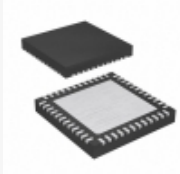
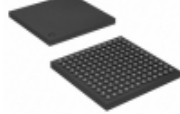
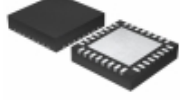
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                  |                                  |                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MK10DN32VFT5                                                                                     | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                                                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 32BIT 32KB FLASH 48QFN                                                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 34390 pcs                                                                                        | Data sheet                       | <a href="#">K10_LF/FT5 Datasheet</a><br><a href="#">K10_LF/FT5 Ref Manual</a><br><a href="#">K10 Family Fact Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                                                        | Voltage - Supply (Vcc/Vdd)       | 1.71 V ~ 3.6 V                                                                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 48-QFN-EP (7x7)                                                                                  | Speed                            | 50MHz                                                                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Kinetis K10                                                                                      | RAM Size                         | 8K x 8                                                                                                                 |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FLASH                                                                                            | Program Memory Size              | 32KB (32K x 8)                                                                                                         |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DMA, I <sup>2</sup> S, LVD, POR, PWM, WDT                                                        | Packaging                        | Tray                                                                                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 48-VFQFN Exposed Pad                                                                             | Other Names                      | 935317651557                                                                                                           |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Internal                                                                                         | Operating Temperature            | -40°C ~ 105°C (TA)                                                                                                     |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 33                                                                                               | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant                                                                       | EEPROM Size                      | -                                                                                                                      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ARM® Cortex®-M4 Kinetis K10 Microcontroller IC 32-Bit 50MHz 32KB (32K x 8) FLASH 48-QFN-EP (7x7) | Data Converters                  | A/D 16x16b                                                                                                             |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 32-Bit                                                                                           | Core Processor                   | ARM® Cortex®-M4                                                                                                        |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PC, IrDA, SPI, UART/USART                                                                        | Base Part Number                 | MK10DN32                                                                                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 34390 pieces of NXP Semiconductors / Freescale MK10DN32VFT5 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="#">MK10DN32VFM5</a><br>Description: IC MCU 32BIT 32KB FLASH 32QFN      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MK10DN128VLF5</a><br>Description: IC MCU 32BIT 128KB FLASH 48LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MK10DN512VLK10</a><br>Description: IC MCU 32BIT 512KB FLASH 80LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MK10DN128VFT5</a><br>Description: IC MCU 32BIT 128KB FLASH 48QFN    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MK1072FE-R52</a><br>Description: RES 10.7K OHM 1/4W 1% AXIAL        | Manufacturers: <a href="#">Ohmite</a>                         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MK10DN32VLH5</a><br>Description: IC MCU 32BIT 32KB FLASH 64LQFP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MK10DN512VLK10R</a><br>Description: KINETIS K 32-BIT MCU ARM CORTEX | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MK10DN32VMP5</a><br>Description: IC MCU 32BIT 32KB FLASH 64MAPBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MK10DN512VLQ10</a><br>Description: IC MCU 32BIT 512KB FLASH 144LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MK10DN512VMC10R</a><br>Description: IC MCU 32BIT 512KB FLASH 121BGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MK10DN128VMP5</a><br>Description: IC MCU 32BIT 128KB FLASH 64BGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MK10DN512VLL10</a><br>Description: IC MCU 32BIT 512KB FLASH 100LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MK10DN512VMD10</a><br>Description: IC MCU 32BIT 512KB FLASH 144BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MK10DN32VLF5</a><br>Description: IC MCU 32BIT 32KB FLASH 48LQFP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MK10DN128VFM5</a><br>Description: IC MCU 32BIT 128KB FLASH 32QFN    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MK1073FE-R52</a><br>Description: RES 107K OHM 1/4W 1% AXIAL         | Manufacturers: <a href="#">Ohmite</a>                         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MK10DN128VLF5R</a><br>Description: IC MCU 32BIT 128KB FLASH 48LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MK10DN128VLH5R</a><br>Description: IC MCU 32BIT 128KB FLASH 64LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MK10DN128VLH5</a><br>Description: IC MCU 32BIT 128KB FLASH 64LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MK10DN512VMC10</a><br>Description: IC MCU 32BIT 512KB FLASH 121BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |

Related keywords for MK10DN32VFT5

|                                             |                                 |                        |                                            |
|---------------------------------------------|---------------------------------|------------------------|--------------------------------------------|
| NXP Semiconductors / Freescale MK10DN32VFT5 | MK10DN32VFT5 distributor        | MK10DN32VFT5 supplier  | MK10DN32VFT5 price                         |
| MK10DN32VFT5 download datasheet             | MK10DN32VFT5 datasheet          | MK10DN32VFT5 stock     | buy MK10DN32VFT5                           |
| NXP Semiconductors / Freescale MK10DN32VFT5 | NXP Semiconductors MK10DN32VFT5 | Freescale MK10DN32VFT5 | Freescale Semiconductor - NXP MK10DN32VFT5 |
| NXP USA Inc. MK10DN32VFT5                   |                                 |                        |                                            |