

MK10DX64VLK7



Part Number: [MK10DX64VLK7](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 64KB FLASH 80LQFP

Data sheet:  [K10 Sub-Family](#)  
 [K10\\_LK7 Ref Manual](#)  
 [K10 Family Fact Sheet](#)

RoHS Status: Lead free / RoHS Compliant

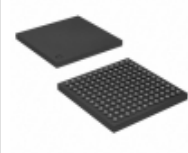
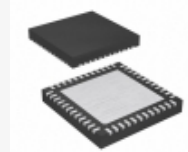
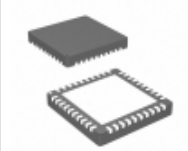
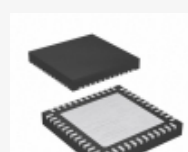
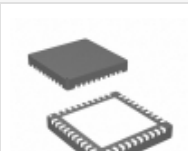
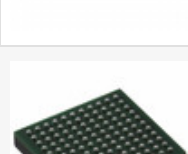
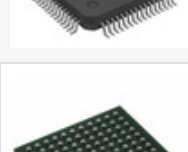
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy MK10DX64VLK7 with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                  |                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MK10DX64VLK7                              | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 32BIT 64KB FLASH 80LQFP            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 18627 pcs                                 | Data sheet                       | <a href="#">K10 Sub-Family</a><br><a href="#">K10_LK7 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 80-LQFP (12x12)                           | Speed                            | 72MHz                                                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Kinetis K10                               | RAM Size                         | 16K x 8                                                                                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FLASH                                     | Program Memory Size              | 64KB (64K x 8)                                                                                                |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DMA, I <sup>2</sup> S, LVD, POR, PWM, WDT | Packaging                        | Tray                                                                                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 80-LQFP                                   | Other Names                      | 935314726557                                                                                                  |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Internal                                  | Operating Temperature            | -40°C ~ 105°C (TA)                                                                                            |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 56                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                 |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 16 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                    |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2K x 8                                    | Detailed Description             | ARM® Cortex®-M4 Kinetis K10 Microcontroller IC 32-Bit 72MHz 64KB (64K x 8) FLASH 80-LQFP (12x12)              |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A/D 31x16b, D/A 1x12b                     | Core Size                        | 32-Bit                                                                                                        |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ARM® Cortex®-M4                           | Connectivity                     | CANbus, EBI/EMI, I <sup>2</sup> C, IrDA, SPI, UART/USART                                                      |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MK10DX64                                  |                                  |                                                                                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 18627 pieces of NXP Semiconductors / Freescale MK10DX64VLK7 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="#">MK10FX512VMD12</a><br>Description: IC MCU 32BIT 512KB FLASH 144BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MK10DX64VFT5</a><br>Description: IC MCU 32BIT 64KB FLASH 48QFN       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MK10DX64VFM5</a><br>Description: IC MCU 32BIT 64KB FLASH 32QFN       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MK10FN1MOVLQ12</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MK10DX64VLF5</a><br>Description: IC MCU 32BIT 64KB FLASH 48LQFP      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MK10DX32VFT5</a><br>Description: IC MCU 32BIT 32KB FLASH 48QFN       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MK10DX32VFM5</a><br>Description: IC MCU 32BIT 32KB FLASH 32QFN       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MK10DX64VLK7R</a><br>Description: IC MCU 32BIT 64KB FLASH 80LQFP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MK10FX512VLQ12</a><br>Description: IC MCU 32BIT 512KB FLASH 144LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MK10DX64VMP5</a><br>Description: IC MCU 32BIT 64KB FLASH 64MAPBGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MK10DX32VLF5</a><br>Description: IC MCU 32BIT 32KB FLASH 48LQFP      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MK10R0FE-R52</a><br>Description: RES 10 OHM 1/4W 1% AXIAL            | Manufacturers: <a href="#">Ohmite</a>                         | <div>RFQ</div> |
|  | Part#: <a href="#">MK10DX32VMP5</a><br>Description: IC MCU 32BIT 32KB FLASH 64MAPBGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MK10DX64VMC7</a><br>Description: IC MCU 32BIT 64KB FLASH 121BGA      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MK10FN1MOVMD12</a><br>Description: IC MCU 32BIT 1MB FLASH 144MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MK10DX64VLH5</a><br>Description: IC MCU 32BIT 64KB FLASH 64LQFP      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MK10DX64VMB7</a><br>Description: IC MCU 32BIT 64KB FLASH 121BGA      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MK10DX64VLH7</a><br>Description: IC MCU 32BIT 64KB FLASH 64LQFP      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MK10DX32VLH5</a><br>Description: IC MCU 32BIT 32KB FLASH 64LQFP      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MK11-1A66B-500W</a><br>Description: SENSOR REED SWITCH SPST-NO CABLE | Manufacturers: <a href="#">Standex-Meder Electronics</a>      | <div>RFQ</div> |

Related keywords for MK10DX64VLK7

|                                                             |                                                 |                                        |                                                            |
|-------------------------------------------------------------|-------------------------------------------------|----------------------------------------|------------------------------------------------------------|
| <a href="#">NXP Semiconductors / Freescale MK10DX64VLK7</a> | <a href="#">MK10DX64VLK7 distributor</a>        | <a href="#">MK10DX64VLK7 supplier</a>  | <a href="#">MK10DX64VLK7 price</a>                         |
| <a href="#">MK10DX64VLK7 download datasheet</a>             | <a href="#">MK10DX64VLK7 datasheet</a>          | <a href="#">MK10DX64VLK7 stock</a>     | <a href="#">buy MK10DX64VLK7</a>                           |
| <a href="#">NXP Semiconductors / Freescale MK10DX64VLK7</a> | <a href="#">NXP Semiconductors MK10DX64VLK7</a> | <a href="#">Freescale MK10DX64VLK7</a> | <a href="#">Freescale Semiconductor - NXP MK10DX64VLK7</a> |
| <a href="#">NXP USA Inc. MK10DX64VLK7</a>                   |                                                 |                                        |                                                            |

