



Image may be representation. See specifications for product details.

MK10DX128VLK7R

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MK10DX128VLK7R                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MCU 32BIT 128KB FLASH 80LQFP                                                                                      |
| Datasheets:         |  <a href="#">MK10DX128VLK7R.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

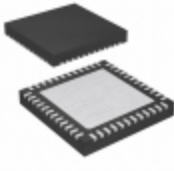
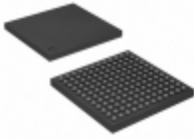
Specifications of MK10DX128VLK7R

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MK10DX128VLK7R                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                         |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 80LQFP                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| DATA SHEET                       |  <a href="#">MK10DX128VLK7R.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 80-LQFP (12x12)                                                                                                        |
| SPEED                            | 72MHz                                                                                                                  |
| SERIES                           | Kinetis K10                                                                                                            |
| RAM SIZE                         | 32K x 8                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                  |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                       |
| PERIPHERALS                      | DMA, I²S, LVD, POR, PWM, WDT                                                                                           |
| PACKAGING                        | Tape & Reel (TR)                                                                                                       |
| PACKAGE / CASE                   | 80-LQFP                                                                                                                |
| OTHER NAMES                      | 935314757528                                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                     |
| NUMBER OF I/O                    | 56                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                          |
| 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 128KB (128K 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, I²C, IrDA, SPI, UART/USART                                                                            |
| BASE PART NUMBER                 | MK10DX128                                                                                                              |

Related Tags

|                                               |                                         |                                                   |
|-----------------------------------------------|-----------------------------------------|---------------------------------------------------|
| NXP Semiconductors / Freescale MK10DX128VLK7R | MK10DX128VLK7R Distributor              | MK10DX128VLK7R Supplier                           |
| MK10DX128VLK7R Price                          | MK10DX128VLK7R Pictures                 | MK10DX128VLK7R Image                              |
| MK10DX128VLK7R PDF Datasheet                  | MK10DX128VLK7R Download Datasheet       | MK10DX128VLK7R Datasheet                          |
| MK10DX128VLK7R Stock                          | Buy MK10DX128VLK7R                      | Buy NXP Semiconductors / Freescale MK10DX128VLK7R |
| NXP Semiconductors / Freescale MK10DX128VLK7R | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor        |
| NXP Semiconductors / Freescale MK10DX128VLK7R | NXP Semiconductors MK10DX128VLK7R       | Freescale MK10DX128VLK7R                          |
| Freescale Semiconductor - NXP MK10DX128VLK7R  | NXP USA Inc. MK10DX128VLK7R             |                                                   |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MK10DX128VLH7R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: KINETIS K 32-BIT MCU ARM CORTEX<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MK10DX128VLF5</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: 703 pcs<br/><div>RFQ</div></div>    |
|  <div><b>MK10DX128VMB7</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 81BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>MK10DX128VLH5</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MK10DX128VLQ10</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 144LQFP<br/>In stock: 140 pcs<br/><div>RFQ</div></div>  |  <div><b>MK10DX128VMC7R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 121BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MK10DX128VLK7</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br/>In stock: 96 pcs<br/><div>RFQ</div></div>     |  <div><b>MK10DX128VFT5</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 48QFN<br/>In stock: 110 pcs<br/><div>RFQ</div></div>     |
|  <div><b>MK10DX128VLL7</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 87 pcs<br/><div>RFQ</div></div>    |  <div><b>MK10DX128VLH7</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MK10DX128VMC7</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 121BGA<br/>In stock: 252 pcs<br/><div>RFQ</div></div>    |  <div><b>MK10DX128VMD10</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 144BGA<br/>In stock: 160 pcs<br/><div>RFQ</div></div>   |