



NXP Semiconductors / Freescale

MKV10Z64VFM7

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MKV10Z64VFM7                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                     |
| Product description | IC MCU 32BIT 64KB FLASH 32QFN                                                                                      |
| Datasheets:         |  <a href="#">MKV10Z64VFM7.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant       |
| Ship From           | Hong Kong                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                              |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

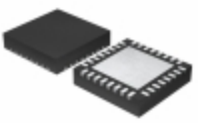
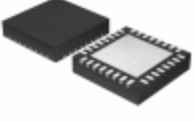
Specifications of MKV10Z64VFM7

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MKV10Z64VFM7                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 32QFN                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| DATA SHEET                       |  <a href="#">MKV10Z64VFM7.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 32-QFN (5x5)                                                                                                         |
| SPEED                            | 75MHz                                                                                                                |
| SERIES                           | Kinetis KV                                                                                                           |
| RAM SIZE                         | 16K x 8                                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                       |
| PERIPHERALS                      | DMA, LVD, POR, WDT                                                                                                   |
| PACKAGING                        | Tray                                                                                                                 |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                                                                 |
| OTHER NAMES                      | 935312733557                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                   |
| NUMBER OF I/O                    | 28                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| EEPROM SIZE                      | -                                                                                                                    |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ Kinetis KV Microcontroller IC 32-Bit 75MHz 64KB (64K x 8) FLASH 32-QFN (5x5)                        |
| DATA CONVERTERS                  | A/D 2x16b, D/A 1x12b                                                                                                 |
| CORE SIZE                        | 32-Bit                                                                                                               |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                                     |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                 |

Related Tags

|                                             |                                         |                                                 |
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| NXP Semiconductors / Freescale MKV10Z64VFM7 | MKV10Z64VFM7 Distributor                | MKV10Z64VFM7 Supplier                           |
| MKV10Z64VFM7 Price                          | MKV10Z64VFM7 Pictures                   | MKV10Z64VFM7 Image                              |
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| Freescale Semiconductor - NXP MKV10Z64VFM7  | NXP USA Inc. MKV10Z64VFM7               |                                                 |

Related Products

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| <div></div> <div><b>MKV10Z64VLF7</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 436 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>MKV11Z128VFM7</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 32QFN<br/>In stock: 490 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MKV10Z64VLH7P</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: KV11 128K RP<br/>In stock: Out stock<br/><div>RFQ</div></div>                     | <div></div> <div><b>MKV10Z64VLH7</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 785 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MKV10Z32VFM7</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 32KB FLASH 32QFN<br/>In stock: 269 pcs<br/><div>RFQ</div></div>       | <div></div> <div><b>MKV10Z16VLF7</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 16KB FLASH 48LQFP<br/>In stock: 82 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MKV10Z32VLC7R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 32KB FLASH 32LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MKV10Z64VLF7P</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: KV11 128 RP<br/>In stock: Out stock<br/><div>RFQ</div></div>                   |
| <div></div> <div><b>MKV10Z32VLC7</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 32KB FLASH 32LQFP<br/>In stock: 99 pcs<br/><div>RFQ</div></div>       | <div></div> <div><b>MKV10Z64VFM7P</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: KV11 128K RP<br/>In stock: Out stock<br/><div>RFQ</div></div>                  |
| <div></div> <div><b>MKV10Z32VFM7R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: KINETIS KV10: 75MHZ CORTEX-M0+ R<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MKV10Z32VLF7</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |