



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MKV10Z16VLF7

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MKV10Z16VLF7                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 16KB FLASH 48LQFP                                                                               |
| Datasheets:         | <a href="#">1.MKV10Z16VLF7.pdf</a><br><a href="#">2.MKV10Z16VLF7.pdf</a>                                     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

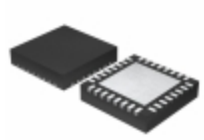
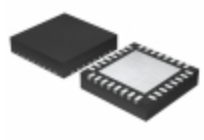
Specifications of MKV10Z16VLF7

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MKV10Z16VLF7                                                                                   |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                 |
| DESCRIPTION                      | IC MCU 32BIT 16KB FLASH 48LQFP                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                     |
| DATA SHEET                       | <a href="#">1.MKV10Z16VLF7.pdf</a><br><a href="#">2.MKV10Z16VLF7.pdf</a>                       |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                                  |
| SPEED                            | 75MHz                                                                                          |
| SERIES                           | Kinetis KV                                                                                     |
| RAM SIZE                         | 8K x 8                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                          |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                 |
| PERIPHERALS                      | DMA, WDT                                                                                       |
| PACKAGING                        | Tray                                                                                           |
| PACKAGE / CASE                   | 48-LQFP                                                                                        |
| OTHER NAMES                      | 935323401557                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                             |
| NUMBER OF I/O                    | 40                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                  |
| MANUFACTURER STANDARD LEAD TIME  | 13 Weeks                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                     |
| EEPROM SIZE                      | -                                                                                              |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ Kinetis KV Microcontroller IC 32-Bit 75MHz 16KB (16K x 8) FLASH 48-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 16x12b, D/A 1x12b                                                                          |
| CORE SIZE                        | 32-Bit                                                                                         |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                               |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                           |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| NXP Semiconductors / Freescale MKV10Z16VLF7 | MKV10Z16VLF7 Distributor                | MKV10Z16VLF7 Supplier                           |
| MKV10Z16VLF7 Price                          | MKV10Z16VLF7 Pictures                   | MKV10Z16VLF7 Image                              |
| MKV10Z16VLF7 PDF Datasheet                  | MKV10Z16VLF7 Download Datasheet         | MKV10Z16VLF7 Datasheet                          |
| MKV10Z16VLF7 Stock                          | Buy MKV10Z16VLF7                        | Buy NXP Semiconductors / Freescale MKV10Z16VLF7 |
| NXP Semiconductors / Freescale MKV10Z16VLF7 | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor      |
| NXP Semiconductors / Freescale MKV10Z16VLF7 | NXP Semiconductors MKV10Z16VLF7         | Freescale MKV10Z16VLF7                          |
| Freescale Semiconductor - NXP MKV10Z16VLF7  | NXP USA Inc. MKV10Z16VLF7               |                                                 |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MKV10Z64VFM7</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 32QFN<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>    |
| <div></div> <div><b>MKV10Z128VFM7</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 32QFN<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>MKV10Z128VLH7</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></div> <div><b>MKV10Z16VFM7</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 16KB FLASH 32QFN<br/>In stock: 385 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>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>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>MKV10Z128VLF7</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: 175 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>MKV10Z16VLC7</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 16KB FLASH 32LQFP<br/>In stock: 204 pcs<br/><div>RFQ</div></div>      |