

NXP Semiconductors / Freescale

MKV10Z32VLF7

|                     |                                                  |
|---------------------|--------------------------------------------------|
| Part Number:        | MKV10Z32VLF7                                     |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                   |
| Product description | IC MCU 32BIT 32KB FLASH 48LQFP                   |
| Datasheets:         |                                                  |
| RoHS Status         | <div><div></div>Lead free / RoHS Compliant</div> |
| Stock Condition     | 23715 pcs stock                                  |
| Ship From           | Hong Kong                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                            |

REQUEST FOR QUOTATION

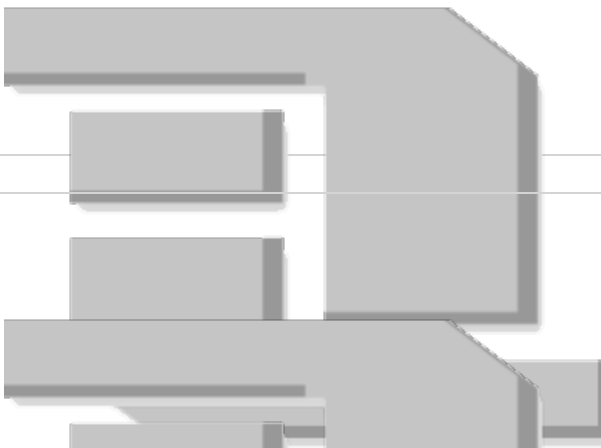
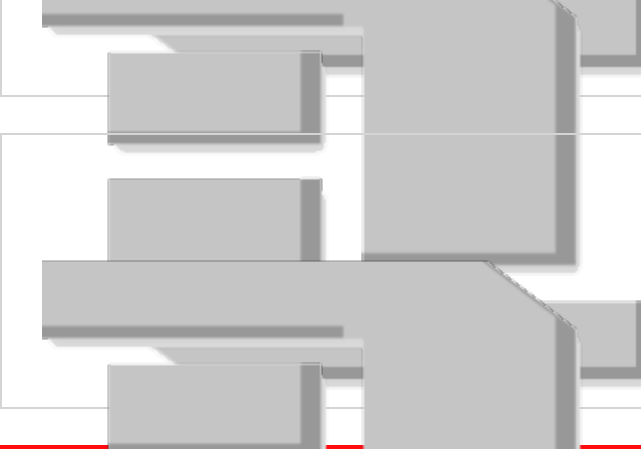
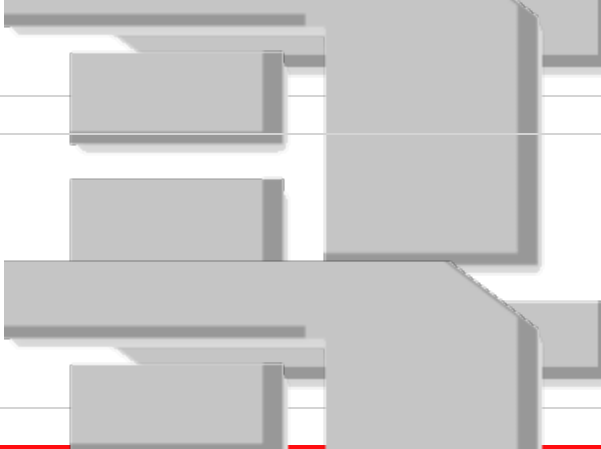
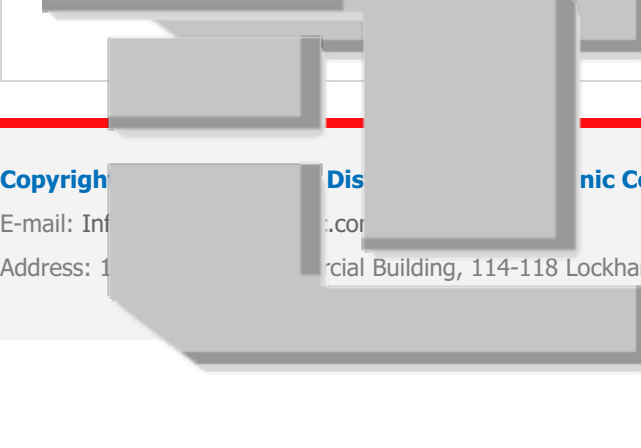
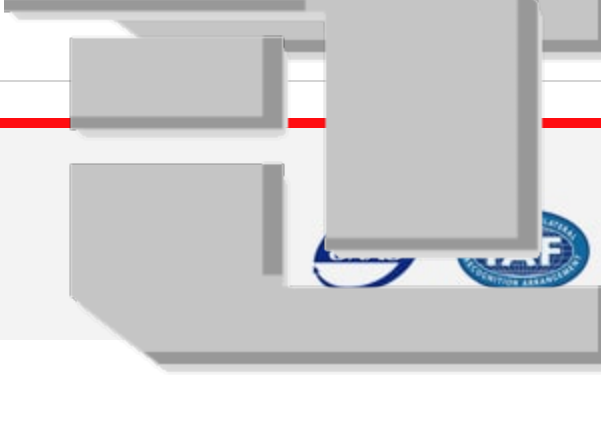
Specifications of MKV10Z32VLF7

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MKV10Z32VLF7                                                                                   |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                 |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 48LQFP                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                     |
| QUANTITY AVAILABLE               | 23715 pcs                                                                                      |
| DATA SHEET                       |                                                                                                |
| 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              | 32KB (32K x 8)                                                                                 |
| PERIPHERALS                      | DMA, WDT                                                                                       |
| PACKAGING                        | Tray                                                                                           |
| PACKAGE / CASE                   | 48-LQFP                                                                                        |
| OTHER NAMES                      | 935311418557                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                             |
| NUMBER OF I/O                    | 40                                                                                             |
| 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 32KB (32K 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

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| MKV10Z32VLF7               | MKV10Z32VLF7 Distributor        | MKV10Z32VLF7 Supplier  |
| MKV10Z32VLF7 Price         | MKV10Z32VLF7 Pictures           | MKV10Z32VLF7 Image     |
| MKV10Z32VLF7 PDF Datasheet | MKV10Z32VLF7 Download Datasheet | MKV10Z32VLF7 Datasheet |
| MKV10Z32VLF7 Stock         | Buy MKV10Z32VLF7                | Buy MKV10Z32VLF7       |
| MKV10Z32VLF7               | Supplier                        | Distributor            |

Related Products

|                                                                                    |                                                                                                                                            |                                                                                      |                                                                                                                                          |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>MKV10Z64VFM7P</b></p> <p>Manufacturers: NXP<br/>Description: KV11 128K RP<br/>In stock: 28280 pcs</p> <p>RFQ</p>                     |  | <p><b>MKV10Z32VLC7R</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 32KB FLASH 32LQFP<br/>In stock: 60217 pcs</p> <p>RFQ</p> |
|  | <p><b>MKV10Z64VLF7</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 23070 pcs</p> <p>RFQ</p>    |  | <p><b>MKV10Z64VLF7P</b></p> <p>Manufacturers: NXP<br/>Description: KV11 128 RP<br/>In stock: 28166 pcs</p> <p>RFQ</p>                    |
|  | <p><b>MKV10Z16VLF7</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 16KB FLASH 48LQFP<br/>In stock: 23695 pcs</p> <p>RFQ</p>    |  | <p><b>MKV10Z64VLH7</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 22979 pcs</p> <p>RFQ</p>  |
|  | <p><b>MKV10Z32VFM7R</b></p> <p>Manufacturers: NXP<br/>Description: KINETIS KV10: 75MHZ CORTEX-M0+ R<br/>In stock: 58688 pcs</p> <p>RFQ</p> |  | <p><b>MKV10Z32VFM7</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 32KB FLASH 32QFN<br/>In stock: 30062 pcs</p> <p>RFQ</p>   |
|  | <p><b>MKV10Z64VLH7P</b></p> <p>Manufacturers: NXP<br/>Description: KV11 128K RP<br/>In stock: 25551 pcs</p> <p>RFQ</p>                     |  | <p><b>MKV10Z64VFM7</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 64KB FLASH 32QFN<br/>In stock: 36548 pcs</p> <p>RFQ</p>   |
|  | <p><b>MKV10Z32VLC7</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 32KB FLASH 32LQFP<br/>In stock: 25505 pcs</p> <p>RFQ</p>    |  | <p><b>MKV10Z16VLC7</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 16KB FLASH 32LQFP<br/>In stock: 32535 pcs</p> <p>RFQ</p>  |