

NXP Semiconductors / Freescale

MKV10Z128VFM7

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MKV10Z128VFM7                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 128KB FLASH 32QFN                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 35349 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MKV10Z128VFM7

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MKV10Z128VFM7                                                                                   |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                  |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 32QFN                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                      |
| QUANTITY AVAILABLE               | 35349 pcs                                                                                       |
| DATA SHEET                       |                                                                                                 |
| 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              | 128KB (128K x 8)                                                                                |
| PERIPHERALS                      | DMA, LVD, POR, WDT                                                                              |
| PACKAGING                        | Tray                                                                                            |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                                            |
| OTHER NAMES                      | 935320623557                                                                                    |
| 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 128KB (128K 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

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MKV10Z128VFM7               | MKV10Z128VFM7 Distributor        | MKV10Z128VFM7 Supplier  |
| MKV10Z128VFM7 Price         | MKV10Z128VFM7 Pictures           | MKV10Z128VFM7 Image     |
| MKV10Z128VFM7 PDF Datasheet | MKV10Z128VFM7 Download Datasheet | MKV10Z128VFM7 Datasheet |
| MKV10Z128VFM7 Stock         | Buy MKV10Z128VFM7                | Buy MKV10Z128VFM7       |
| MKV10Z128VFM7               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                 |                                                                                      |                                                                                                                                  |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MKV10Z16VFM7</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 16KB FLASH 32QFN<br>In stock: 31195 pcs<br><b>RFQ</b>    |  | <b>MKV10Z64VFM7</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 32QFN<br>In stock: 36548 pcs<br><b>RFQ</b>     |
|  | <b>MKV10Z128VLH7</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br>In stock: 21787 pcs<br><b>RFQ</b> |  | <b>MKV10Z32VLC7</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 32LQFP<br>In stock: 25505 pcs<br><b>RFQ</b>    |
|  | <b>MKV10Z64VFM7P</b><br>Manufacturers: NXP<br>Description: KV11 128K RP<br>In stock: 28280 pcs<br><b>RFQ</b>                    |  | <b>MKV10Z32VFM7</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 32QFN<br>In stock: 30062 pcs<br><b>RFQ</b>     |
|  | <b>MKV10Z32VLC7R</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 32LQFP<br>In stock: 60217 pcs<br><b>RFQ</b>  |  | <b>MKV10Z32VFM7R</b><br>Manufacturers: NXP<br>Description: KINETIS KV10: 75MHZ CORTEX-M0+ R<br>In stock: 58688 pcs<br><b>RFQ</b> |
|  | <b>MKV10Z32VLF7</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br>In stock: 23715 pcs<br><b>RFQ</b>   |  | <b>MKV10Z16VLF7</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 16KB FLASH 48LQFP<br>In stock: 23695 pcs<br><b>RFQ</b>    |
|  | <b>MKV10Z128VLF7</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br>In stock: 19042 pcs<br><b>RFQ</b> |  | <b>MKV10Z16VLC7</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 16KB FLASH 32LQFP<br>In stock: 32535 pcs<br><b>RFQ</b>    |