

NXP Semiconductors / Freescale



MKL36Z64VLL4

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MKL36Z64VLL4                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 64KB FLASH 100LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 18077 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

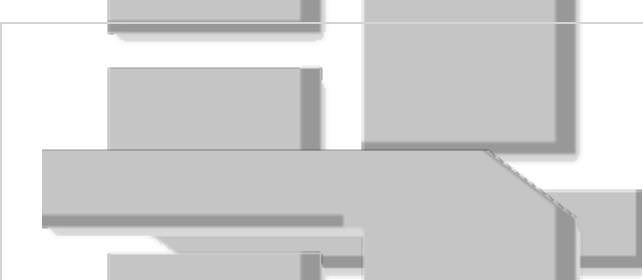
Specifications of MKL36Z64VLL4

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MKL36Z64VLL4                                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 100LQFP                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| QUANTITY AVAILABLE               | 18077 pcs                                                                                          |
| DATA SHEET                       |                                                                                                    |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                   |
| SPEED                            | 48MHz                                                                                              |
| SERIES                           | Kinetis KL3                                                                                        |
| RAM SIZE                         | 8K x 8                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                              |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                     |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, LCD, LVD, POR, PWM, WDT                                          |
| PACKAGING                        | Tray                                                                                               |
| PACKAGE / CASE                   | 100-LQFP                                                                                           |
| OTHER NAMES                      | 935314886557                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                 |
| NUMBER OF I/O                    | 84                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| EEPROM SIZE                      | -                                                                                                  |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ Kinetis KL3 Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 100-LQFP (14x14) |
| DATA CONVERTERS                  | A/D - 16bit                                                                                        |
| CORE SIZE                        | 32-Bit                                                                                             |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                   |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                       |
| BASE PART NUMBER                 | MKL36Z64                                                                                           |

Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| MKL36Z64VLL4               | MKL36Z64VLL4 Distributor        | MKL36Z64VLL4 Supplier  |
| MKL36Z64VLL4 Price         | MKL36Z64VLL4 Pictures           | MKL36Z64VLL4 Image     |
| MKL36Z64VLL4 PDF Datasheet | MKL36Z64VLL4 Download Datasheet | MKL36Z64VLL4 Datasheet |
| MKL36Z64VLL4 Stock         | Buy MKL36Z64VLL4                | Buy MKL36Z64VLL4       |
| MKL36Z64VLL4               | Supplier                        | Distributor            |

Related Products

|                                                                                    |                                                                                                                                                   |                                                                                      |                                                                                                                                                  |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>MKL46Z128VLL4</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 128KB FLASH 100LQFP</p> <p>In stock: 17050 pcs</p> <p>RFQ</p>  |  | <p><b>MKL36Z256VMC4</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 256KB FLASH 121BGA</p> <p>In stock: 16741 pcs</p> <p>RFQ</p>  |
|  | <p><b>MKL43Z128VMP4</b></p> <p>Manufacturers: NXP</p> <p>Description: KINETIS KL43: 48MHZ CORTEX-M0+ U</p> <p>In stock: 14801 pcs</p> <p>RFQ</p>  |  | <p><b>MKL46Z128VLH4</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 128KB FLASH 64LQFP</p> <p>In stock: 15551 pcs</p> <p>RFQ</p>  |
|  | <p><b>MKL36Z256VLH4</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 256KB FLASH 64LQFP</p> <p>In stock: 13967 pcs</p> <p>RFQ</p>   |  | <p><b>MKL43Z256VLH4</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 256KB FLASH 64LQFP</p> <p>In stock: 13914 pcs</p> <p>RFQ</p>  |
|  | <p><b>MKL36Z256VLL4R</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 256KB FLASH 100LQFP</p> <p>In stock: 24913 pcs</p> <p>RFQ</p> |  | <p><b>MKL36Z64VLH4</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 64KB FLASH 64LQFP</p> <p>In stock: 18723 pcs</p> <p>RFQ</p>    |
|  | <p><b>MKL36Z256VLL4</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 256KB FLASH 100LQFP</p> <p>In stock: 18518 pcs</p> <p>RFQ</p>  |  | <p><b>MKL43Z256VMP4</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 256KB FLASH 64LFBGA</p> <p>In stock: 15084 pcs</p> <p>RFQ</p> |
|  | <p><b>MKL43Z128VLH4</b></p> <p>Manufacturers: NXP</p> <p>Description: KINETIS KL43: 48MHZ CORTEX-M0+ U</p> <p>In stock: 13328 pcs</p> <p>RFQ</p>  |  | <p><b>MKL36Z256VMP4</b></p> <p>Manufacturers: NXP</p> <p>Description: KINETIS KL36: 48MHZ CORTEX-M0+ U</p> <p>In stock: 14509 pcs</p> <p>RFQ</p> |

