

NXP Semiconductors / Freescale



MKL15Z32VLH4

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MKL15Z32VLH4                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 32KB FLASH 64LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 19870 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

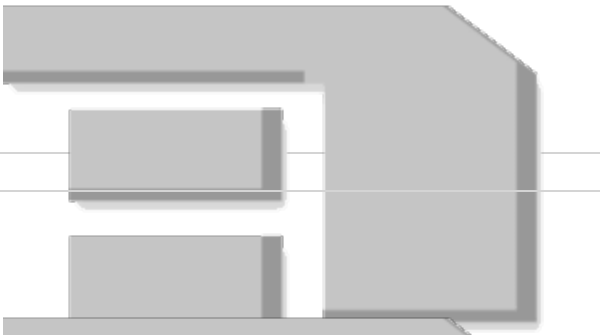
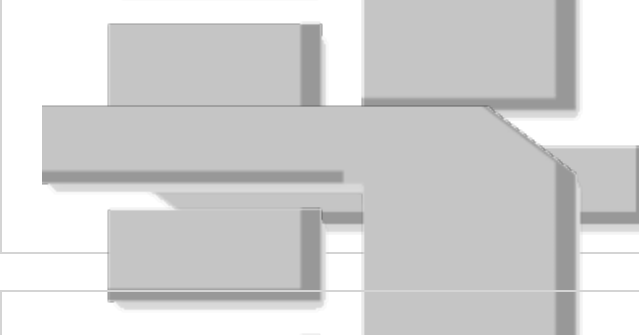
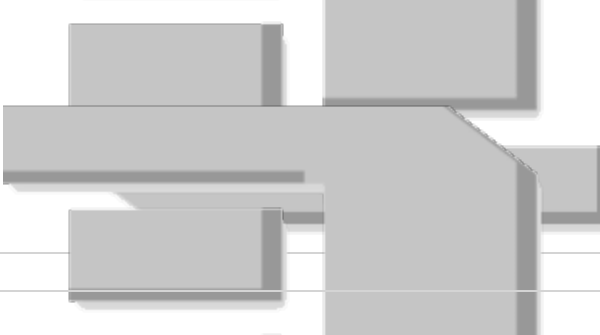
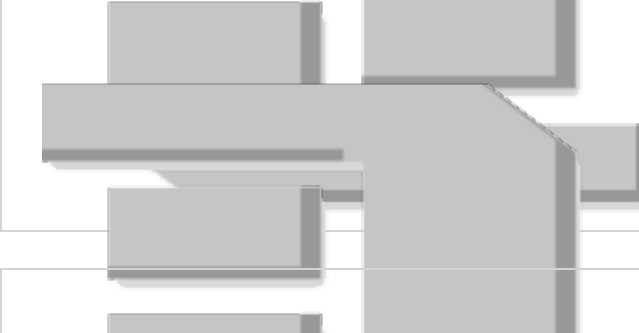
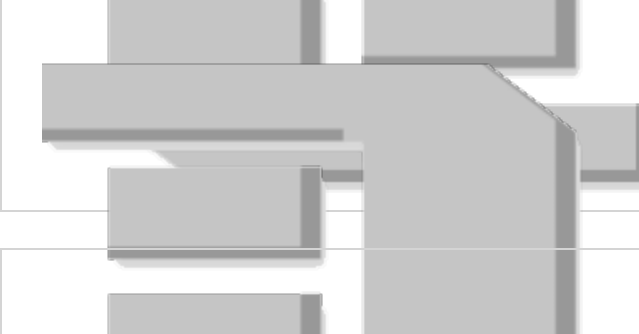
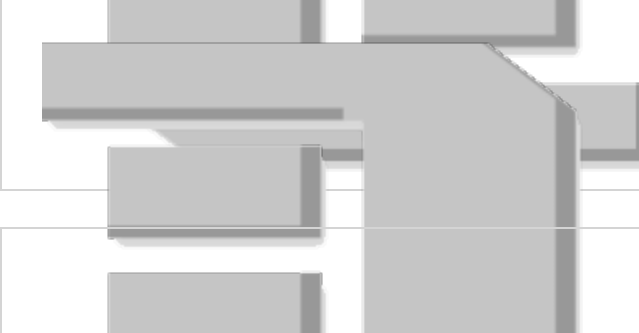
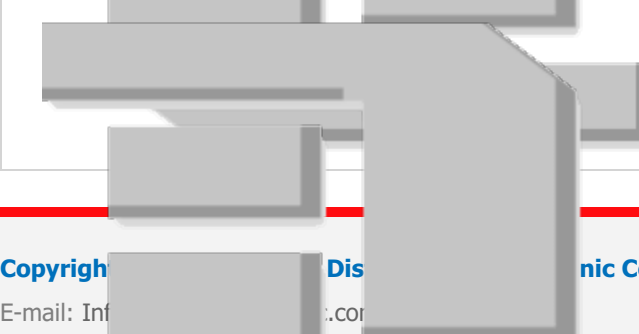
Specifications of MKL15Z32VLH4

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MKL15Z32VLH4                                                                                      |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 64LQFP                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| QUANTITY AVAILABLE               | 19870 pcs                                                                                         |
| DATA SHEET                       |                                                                                                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                   |
| SPEED                            | 48MHz                                                                                             |
| SERIES                           | Kinetis KL1                                                                                       |
| RAM SIZE                         | 4K x 8                                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                                             |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                    |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, LVD, POR, PWM, WDT                                                   |
| PACKAGING                        | Tray                                                                                              |
| PACKAGE / CASE                   | 64-LQFP                                                                                           |
| OTHER NAMES                      | 935321814557                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                |
| NUMBER OF I/O                    | 54                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| EEPROM SIZE                      | -                                                                                                 |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ Kinetis KL1 Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 64-LQFP (10x10) |
| DATA CONVERTERS                  | A/D 16x16b, D/A 1x12b                                                                             |
| CORE SIZE                        | 32-Bit                                                                                            |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                  |
| CONNECTIVITY                     | I²C, LINbus, SPI, TSI, UART/USART                                                                 |
| BASE PART NUMBER                 | MKL15Z32                                                                                          |

Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| MKL15Z32VLH4               | MKL15Z32VLH4 Distributor        | MKL15Z32VLH4 Supplier  |
| MKL15Z32VLH4 Price         | MKL15Z32VLH4 Pictures           | MKL15Z32VLH4 Image     |
| MKL15Z32VLH4 PDF Datasheet | MKL15Z32VLH4 Download Datasheet | MKL15Z32VLH4 Datasheet |
| MKL15Z32VLH4 Stock         | Buy MKL15Z32VLH4                | Buy MKL15Z32VLH4       |
| MKL15Z32VLH4               | Supplier                        | Distributor            |

Related Products

|                                                                                    |                                                                                                                                                                                                        |                                                                                      |                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MKL15Z32VFM4R</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 32QFN<br>In stock: 43485 pcs<br> |  | <b>MKL15Z128VLK4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br>In stock: 10824 pcs<br>   |
|  | <b>MKL15Z64VLK4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 80LQFP<br>In stock: 12735 pcs<br> |  | <b>MKL15Z128VLK4R</b><br>Manufacturers: NXP<br>Description: KINETIS KL15: 48MHZ CORTEX-M0+ U<br>In stock: 19466 pcs<br> |
|  | <b>MKL15Z64VFM4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 32QFN<br>In stock: 20023 pcs<br>  |  | <b>MKL15Z32VFM4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 32QFN<br>In stock: 19653 pcs<br>      |
|  | <b>MKL15Z64VLH4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br>In stock: 18868 pcs<br> |  | <b>MKL15Z128VLH4R</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br>In stock: 25269 pcs<br>  |
|  | <b>MKL15Z32VLK4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 80LQFP<br>In stock: 16208 pcs<br> |  | <b>MKL15Z64VFM4R</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 32QFN<br>In stock: 37741 pcs<br>     |
|  | <b>MKL15Z64VFT4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 48QFN<br>In stock: 15332 pcs<br>  |  | <b>MKL15Z32VFT4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 48QFN<br>In stock: 19509 pcs<br>      |

