

NXP Semiconductors / Freescale



### MKL17Z32VLH4

|                     |                                                  |
|---------------------|--------------------------------------------------|
| Part Number:        | MKL17Z32VLH4                                     |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                   |
| Product description | IC MCU 32BIT 32KB FLASH 64LQFP                   |
| Datasheets:         |                                                  |
| RoHs Status         | <div><div></div>Lead free / RoHS Compliant</div> |
| Stock Condition     | 30869 pcs stock                                  |
| Ship From           | Hong Kong                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                            |

REQUEST FOR QUOTATION

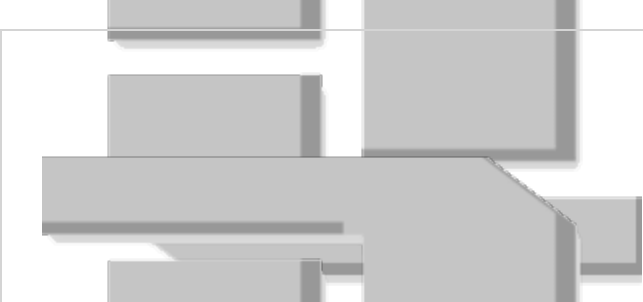
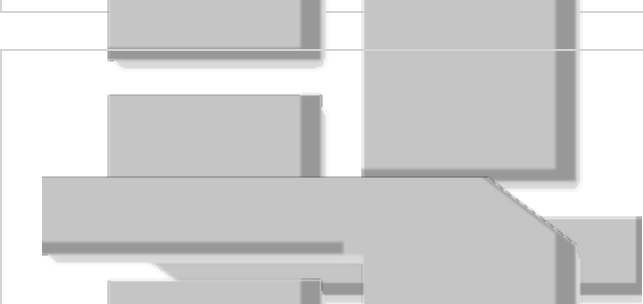
#### Specifications of MKL17Z32VLH4

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MKL17Z32VLH4                                                                                      |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 64LQFP                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| QUANTITY AVAILABLE               | 30869 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                         | 8K x 8                                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                                             |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                    |
| PERIPHERALS                      | DMA, I²S, PWM, WDT                                                                                |
| PACKAGING                        | Tray                                                                                              |
| PACKAGE / CASE                   | 64-LQFP                                                                                           |
| OTHER NAMES                      | 935323759557                                                                                      |
| 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 20x16b                                                                                        |
| CORE SIZE                        | 32-Bit                                                                                            |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                  |
| CONNECTIVITY                     | I²C, FlexIO, SPI, UART/USART                                                                      |

#### Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| MKL17Z32VLH4               | MKL17Z32VLH4 Distributor        | MKL17Z32VLH4 Supplier  |
| MKL17Z32VLH4 Price         | MKL17Z32VLH4 Pictures           | MKL17Z32VLH4 Image     |
| MKL17Z32VLH4 PDF Datasheet | MKL17Z32VLH4 Download Datasheet | MKL17Z32VLH4 Datasheet |
| MKL17Z32VLH4 Stock         | Buy MKL17Z32VLH4                | Buy MKL17Z32VLH4       |
| MKL17Z32VLH4               | Supplier                        | Distributor            |

#### Related Products

|                                                                                               |                                                                                                                                                                       |                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> | <div><div>MKL17Z64VDA4R</div><div>Manufacturers: NXP</div><div>Description: KINETIS KL17: 48MHZ CORTEX-M0+ U</div><div>In stock: 44540 pcs</div><div>RFQ</div></div>  | <div><div>MKL17Z64VLH4</div><div>Manufacturers: NXP</div><div>Description: IC MCU 32BIT 64KB FLASH 64LQFP</div><div>In stock: 35773 pcs</div><div>RFQ</div></div>    |
| <div></div> | <div><div>MKL17Z32VFM4</div><div>Manufacturers: NXP</div><div>Description: IC MCU 32BIT 32KB FLASH 32QFN</div><div>In stock: 33195 pcs</div><div>RFQ</div></div>      | <div><div>MKL17Z256VMP4</div><div>Manufacturers: NXP</div><div>Description: IC MCU 32BIT 256KB FLASH 64BGA</div><div>In stock: 15282 pcs</div><div>RFQ</div></div>   |
| <div></div> | <div><div>MKL17Z32VDA4</div><div>Manufacturers: NXP</div><div>Description: KINETIS KL17: 48MHZ CORTEX-M0+ U</div><div>In stock: 27064 pcs</div><div>RFQ</div></div>   | <div><div>MKL17Z64VFM4R</div><div>Manufacturers: NXP</div><div>Description: KINETIS L 32-BIT MCU ARM CORTEX</div><div>In stock: 62901 pcs</div><div>RFQ</div></div>  |
| <div></div> | <div><div>MKL17Z32VDA4R</div><div>Manufacturers: NXP</div><div>Description: KINETIS KL17: 48MHZ CORTEX-M0+ U</div><div>In stock: 48430 pcs</div><div>RFQ</div></div>  | <div><div>MKL17Z64VFM4</div><div>Manufacturers: NXP</div><div>Description: IC MCU 32BIT 64KB FLASH 32QFN</div><div>In stock: 30296 pcs</div><div>RFQ</div></div>     |
| <div></div> | <div><div>MKL17Z64VLH4R</div><div>Manufacturers: NXP</div><div>Description: KINETIS KL17: 48MHZ CORTEX-M0+ U</div><div>In stock: 47808 pcs</div><div>RFQ</div></div>  | <div><div>MKL17Z32VFM4R</div><div>Manufacturers: NXP</div><div>Description: KINETIS KL17: 48MHZ CORTEX-M0+ U</div><div>In stock: 57150 pcs</div><div>RFQ</div></div> |
| <div></div> | <div><div>MKL17Z256VMP4R</div><div>Manufacturers: NXP</div><div>Description: KINETIS KL17: 48MHZ CORTEX-M0+ U</div><div>In stock: 27954 pcs</div><div>RFQ</div></div> | <div><div>MKL17Z64VDA4</div><div>Manufacturers: NXP</div><div>Description: IC MCU 32BIT 64KB FLASH 36XFBGA</div><div>In stock: 37183 pcs</div><div>RFQ</div></div>   |

