

NXP Semiconductors / Freescale

MKL27Z256VFT4

|                     |                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | <a href="#">MKL27Z256VFT4</a>                                                                                             |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                            |
| Product description | IC MCU 32BIT 256KB FLASH 48QFN                                                                                            |
| Datasheets:         |                                                                                                                           |
| RoHs Status         | <div>  Lead free / RoHS Compliant </div> |
| Stock Condition     | 16488 pcs stock                                                                                                           |
| Ship From           | Hong Kong                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                     |

REQUEST FOR QUOTATION

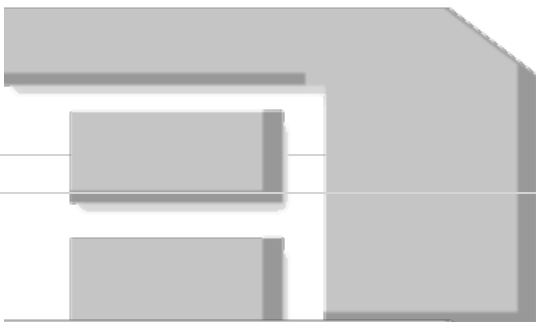
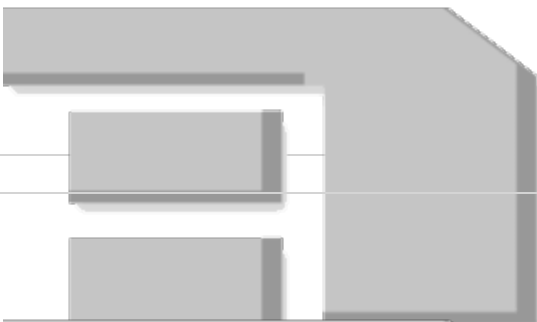
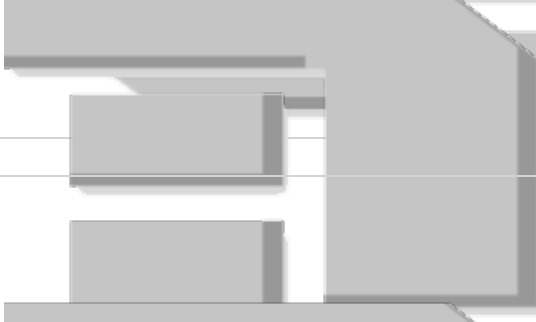
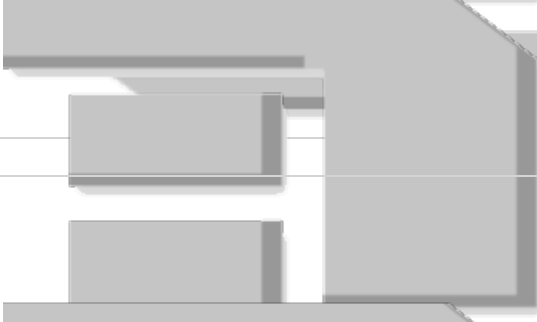
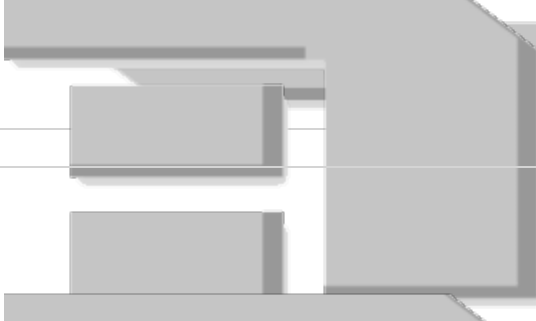
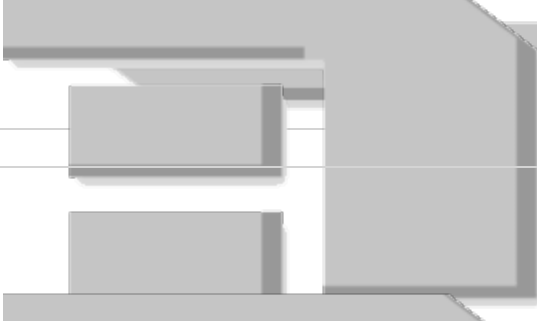
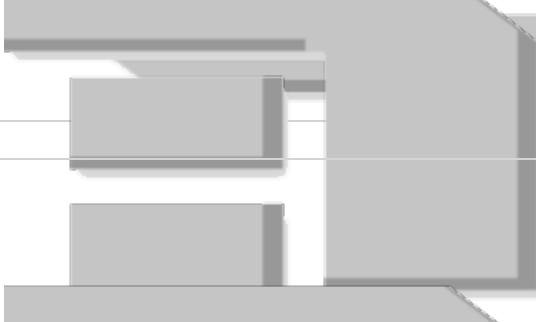
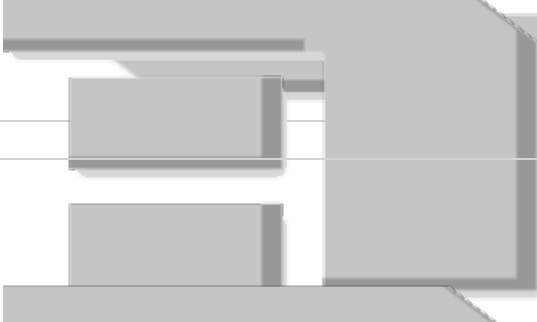
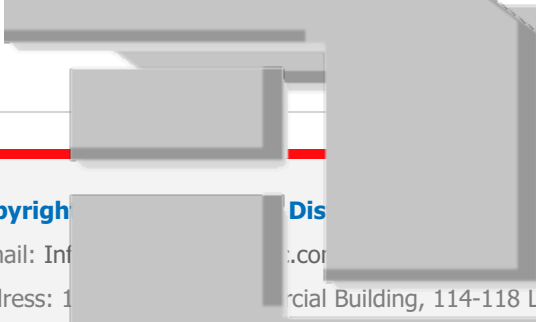
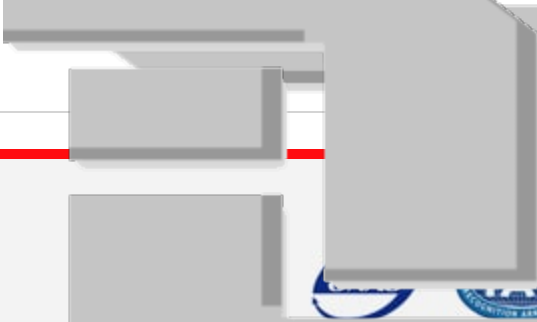
Specifications of MKL27Z256VFT4

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MKL27Z256VFT4                                                                                    |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                   |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 48QFN                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| QUANTITY AVAILABLE               | 16488 pcs                                                                                        |
| DATA SHEET                       |                                                                                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 48-QFN (7x7)                                                                                     |
| SPEED                            | 48MHz                                                                                            |
| SERIES                           | Kinetis KL2                                                                                      |
| RAM SIZE                         | 32K x 8                                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                                            |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                 |
| PERIPHERALS                      | DMA, I²S, LVD, POR, PWM, WDT                                                                     |
| PACKAGING                        | Tray                                                                                             |
| PACKAGE / CASE                   | 48-UFQFN Exposed Pad                                                                             |
| OTHER NAMES                      | 935320474557                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                               |
| NUMBER OF I/O                    | 36                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| EEPROM SIZE                      | -                                                                                                |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ Kinetis KL2 Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 48-QFN (7x7) |
| DATA CONVERTERS                  | A/D 16x16b, D/A 1x12b                                                                            |
| CORE SIZE                        | 32-Bit                                                                                           |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                 |
| CONNECTIVITY                     | I²C, SPI, UART/USART, USB                                                                        |

Related Tags

|                                             |                                                  |                                         |
|---------------------------------------------|--------------------------------------------------|-----------------------------------------|
| <a href="#">MKL27Z256VFT4</a>               | <a href="#">MKL27Z256VFT4 Distributor</a>        | <a href="#">MKL27Z256VFT4 Supplier</a>  |
| <a href="#">MKL27Z256VFT4 Price</a>         | <a href="#">MKL27Z256VFT4 Pictures</a>           | <a href="#">MKL27Z256VFT4 Image</a>     |
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| <a href="#">MKL27Z256VFT4</a>               | <a href="#">Supplier</a>                         | <a href="#">Distributor</a>             |

Related Products

|                                                                                    |                                                                                                                                     |                                                                                      |                                                                                                                                      |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MKL27Z128VLH4</b><br>Manufacturers: NXP<br>Description: KINETIS L 32-BIT MCU ARM CORTEX<br>In stock: 18581 pcs<br><div>RFQ</div> |  | <b>MKL27Z64VDA4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 36XFBGA<br>In stock: 31797 pcs<br><div>RFQ</div>   |
|  | <b>MKL27Z128VFT4</b><br>Manufacturers: NXP<br>Description: KINETIS L 32-BIT MCU ARM CORTEX<br>In stock: 19313 pcs<br><div>RFQ</div> |  | <b>MKL27Z256VFM4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 32QFN<br>In stock: 15023 pcs<br><div>RFQ</div>   |
|  | <b>MKL27Z256VMP4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 64BGA<br>In stock: 17609 pcs<br><div>RFQ</div>  |  | <b>MKL27Z256VFM4R</b><br>Manufacturers: NXP<br>Description: KINETIS L 32-BIT MCU ARM CORTEX<br>In stock: 34203 pcs<br><div>RFQ</div> |
|  | <b>MKL27Z32VLH4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 64LQFP<br>In stock: 25452 pcs<br><div>RFQ</div>   |  | <b>MKL27Z32VDA4</b><br>Manufacturers: NXP<br>Description: KINETIS L 32-BIT MCU ARM CORTEX<br>In stock: 30756 pcs<br><div>RFQ</div>   |
|  | <b>MKL27Z32VFM4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 32QFN<br>In stock: 30077 pcs<br><div>RFQ</div>    |  | <b>MKL27Z256VLH4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br>In stock: 14167 pcs<br><div>RFQ</div>  |
|  | <b>MKL27Z128VMP4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 64BGA<br>In stock: 16631 pcs<br><div>RFQ</div>  |  | <b>MKL27Z128VLH4R</b><br>Manufacturers: NXP<br>Description: KINETIS L 32-BIT MCU ARM CORTEX<br>In stock: 31400 pcs<br><div>RFQ</div> |

