

NXP Semiconductors / Freescale

MKL36Z256VLH4

|                     |                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MKL36Z256VLH4                                                                                                             |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                            |
| Product description | IC MCU 32BIT 256KB FLASH 64LQFP                                                                                           |
| Datasheets:         |                                                                                                                           |
| RoHs Status         | <div>  Lead free / RoHS Compliant </div> |
| Stock Condition     | 13967 pcs stock                                                                                                           |
| Ship From           | Hong Kong                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                     |

REQUEST FOR QUOTATION

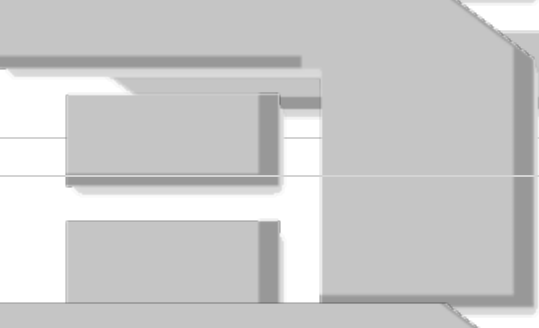
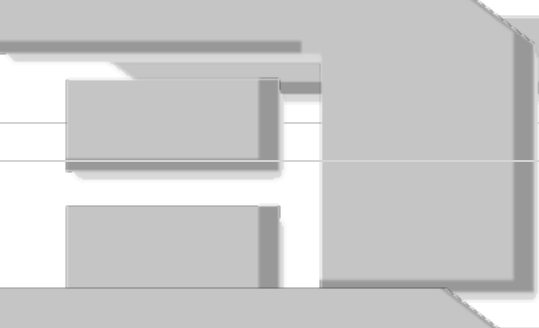
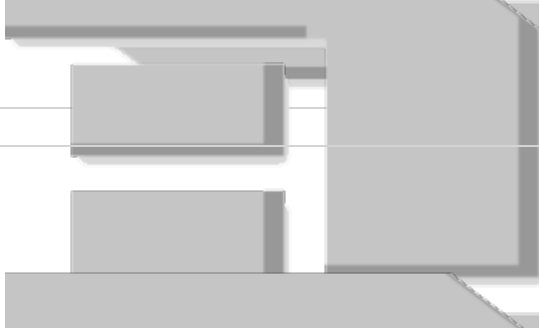
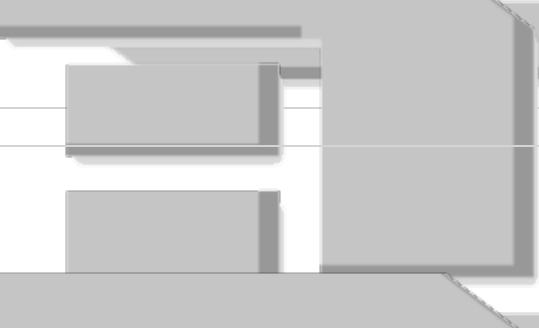
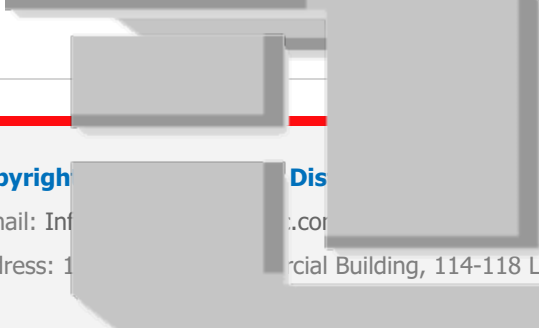
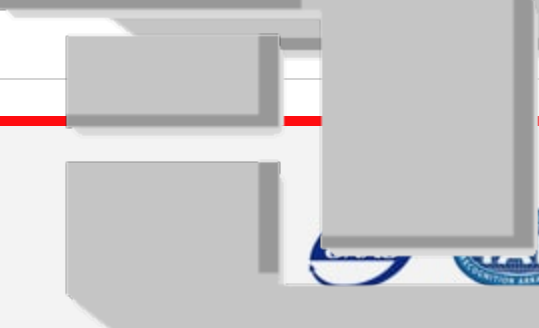
Specifications of MKL36Z256VLH4

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MKL36Z256VLH4                                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 64LQFP                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| QUANTITY AVAILABLE               | 13967 pcs                                                                                           |
| DATA SHEET                       |                                                                                                     |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                     |
| SPEED                            | 48MHz                                                                                               |
| SERIES                           | Kinetis KL3                                                                                         |
| RAM SIZE                         | 32K x 8                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                               |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                    |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, LCD, LVD, POR, PWM, WDT                                           |
| PACKAGING                        | Tray                                                                                                |
| PACKAGE / CASE                   | 64-LQFP                                                                                             |
| OTHER NAMES                      | 935320014557                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                  |
| NUMBER OF I/O                    | 50                                                                                                  |
| 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 256KB (256K x 8) FLASH 64-LQFP (10x10) |
| DATA CONVERTERS                  | A/D - 16bit, D/A - 12bit                                                                            |
| CORE SIZE                        | 32-Bit                                                                                              |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                    |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                        |
| BASE PART NUMBER                 | MKL36Z256                                                                                           |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MKL36Z256VLH4               | MKL36Z256VLH4 Distributor        | MKL36Z256VLH4 Supplier  |
| MKL36Z256VLH4 Price         | MKL36Z256VLH4 Pictures           | MKL36Z256VLH4 Image     |
| MKL36Z256VLH4 PDF Datasheet | MKL36Z256VLH4 Download Datasheet | MKL36Z256VLH4 Datasheet |
| MKL36Z256VLH4 Stock         | Buy MKL36Z256VLH4                | Buy MKL36Z256VLH4       |
| MKL36Z256VLH4               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                       |                                                                                      |                                                                                                                                      |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MKL36Z256VLL4R</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br>In stock: 24913 pcs<br><div>RFQ</div> |  | <b>MKL36Z256VLL4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br>In stock: 18518 pcs<br><div>RFQ</div> |
|  | <b>MKL36Z256VMC4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 121BGA<br>In stock: 16741 pcs<br><div>RFQ</div>   |  | <b>MKL36Z64VLH4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br>In stock: 18723 pcs<br><div>RFQ</div>    |
|  | <b>MKL36Z128VLL4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br>In stock: 14212 pcs<br><div>RFQ</div>  |  | <b>MKL36Z256VMP4</b><br>Manufacturers: NXP<br>Description: KINETIS KL36: 48MHZ CORTEX-M0+ U<br>In stock: 14509 pcs<br><div>RFQ</div> |
|  | <b>MKL34Z64VLL4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br>In stock: 19223 pcs<br><div>RFQ</div>    |  | <b>MKL34Z64VLH4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br>In stock: 17783 pcs<br><div>RFQ</div>    |
|  | <b>MKL36Z128VLH4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br>In stock: 15228 pcs<br><div>RFQ</div>   |  | <b>MKL36Z128VLL4R</b><br>Manufacturers: NXP<br>Description: KINETIS L 32-BIT MCU ARM CORTEX<br>In stock: 25417 pcs<br><div>RFQ</div> |
|  | <b>MKL36Z128VMC4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 121BGA<br>In stock: 17008 pcs<br><div>RFQ</div>   |  | <b>MKL36Z64VLL4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br>In stock: 18077 pcs<br><div>RFQ</div>   |