

NXP Semiconductors / Freescale

MKL02Z32VFK4R

|                     |                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MKL02Z32VFK4R                                                                                                             |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                            |
| Product description | IC MCU 32BIT 32KB FLASH 24QFN                                                                                             |
| Datasheets:         |                                                                                                                           |
| RoHs Status         | <div>  Lead free / RoHS Compliant </div> |
| Stock Condition     | 80439 pcs stock                                                                                                           |
| Ship From           | Hong Kong                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                     |

REQUEST FOR QUOTATION

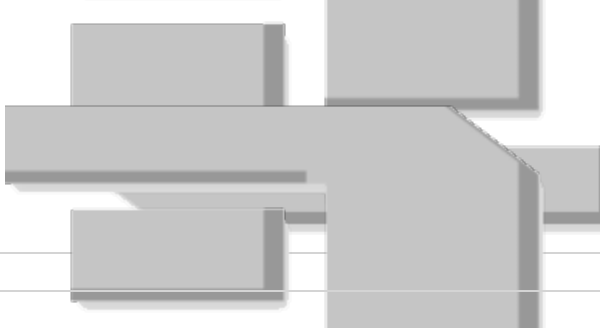
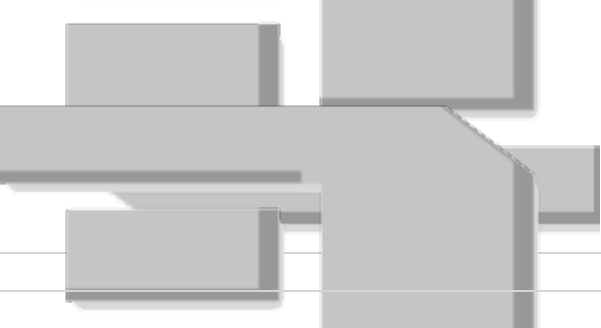
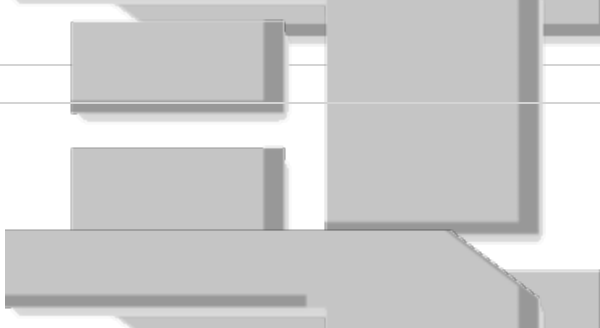
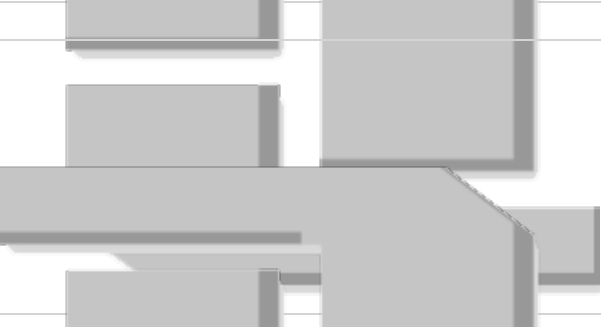
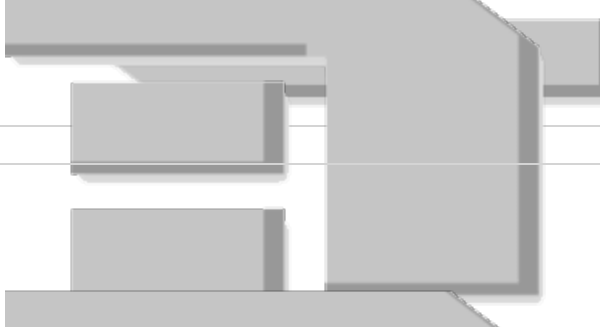
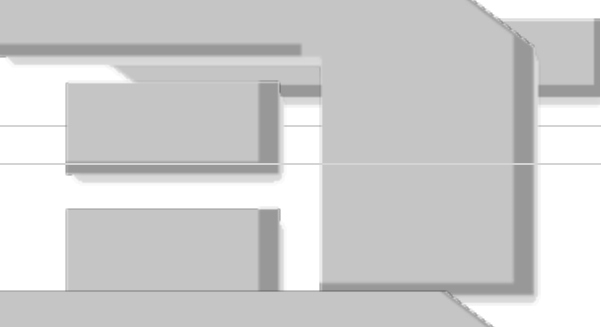
Specifications of MKL02Z32VFK4R

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MKL02Z32VFK4R                                                                                   |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                  |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 24QFN                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                      |
| QUANTITY AVAILABLE               | 80439 pcs                                                                                       |
| DATA SHEET                       |                                                                                                 |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 24-QFN (4x4)                                                                                    |
| SPEED                            | 48MHz                                                                                           |
| SERIES                           | Kinetis KL02                                                                                    |
| RAM SIZE                         | 4K x 8                                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                                           |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                  |
| PERIPHERALS                      | Brown-out Detect/Reset, LVD, POR, PWM, WDT                                                      |
| PACKAGING                        | Tape & Reel (TR)                                                                                |
| PACKAGE / CASE                   | 24-VFQFN Exposed Pad                                                                            |
| OTHER NAMES                      | 935320086528                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                              |
| NUMBER OF I/O                    | 22                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                      |
| EEPROM SIZE                      | -                                                                                               |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ Kinetis KL02 Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 24-QFN (4x4) |
| DATA CONVERTERS                  | A/D 12x12b                                                                                      |
| CORE SIZE                        | 32-Bit                                                                                          |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                            |
| BASE PART NUMBER                 | MKL02Z32                                                                                        |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MKL02Z32VFK4R               | MKL02Z32VFK4R Distributor        | MKL02Z32VFK4R Supplier  |
| MKL02Z32VFK4R Price         | MKL02Z32VFK4R Pictures           | MKL02Z32VFK4R Image     |
| MKL02Z32VFK4R PDF Datasheet | MKL02Z32VFK4R Download Datasheet | MKL02Z32VFK4R Datasheet |
| MKL02Z32VFK4R Stock         | Buy MKL02Z32VFK4R                | Buy MKL02Z32VFK4R       |
| MKL02Z32VFK4R               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                      |                                                                                      |                                                                                                                                      |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MKL02Z16VFK4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 16KB FLASH 24QFN<br>In stock: 39756 pcs<br><div>RFQ</div>     |  | <b>MKL02Z16VFM4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 16KB FLASH 32QFN<br>In stock: 35859 pcs<br><div>RFQ</div>     |
|  | <b>MKL02Z8VFG4R</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 8KB FLASH 16QFN<br>In stock: 94188 pcs<br><div>RFQ</div>      |  | <b>MKL02Z32VFM4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 32QFN<br>In stock: 39195 pcs<br><div>RFQ</div>     |
|  | <b>MKL02Z32VFK4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 24QFN<br>In stock: 42701 pcs<br><div>RFQ</div>     |  | <b>MKL03Z16VFG4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 16KB FLASH 16QFN<br>In stock: 53073 pcs<br><div>RFQ</div>     |
|  | <b>MKL02Z32VFG4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 16QFN<br>In stock: 37975 pcs<br><div>RFQ</div>     |  | <b>MKL02Z32CAF4R</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 20WLCSP<br>In stock: 68502 pcs<br><div>RFQ</div>  |
|  | <b>MKL02Z32VFM4R</b><br>Manufacturers: NXP<br>Description: KINETIS KL02: 48MHZ CORTEX-M0+ U<br>In stock: 74612 pcs<br><div>RFQ</div> |  | <b>MKL02Z32VFG4R</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 16QFN<br>In stock: 73914 pcs<br><div>RFQ</div>    |
|  | <b>MKL02Z8VFG4</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 8KB FLASH 16QFN<br>In stock: 43960 pcs<br><div>RFQ</div>       |  | <b>MKL03Z16VFG4R</b><br>Manufacturers: NXP<br>Description: KINETIS L 32-BIT MCU ARM CORTEX<br>In stock: 105646 pcs<br><div>RFQ</div> |