

NXP Semiconductors / Freescale



MKE02Z16VLD2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MKE02Z16VLD2                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 16KB FLASH 44LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 35255 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

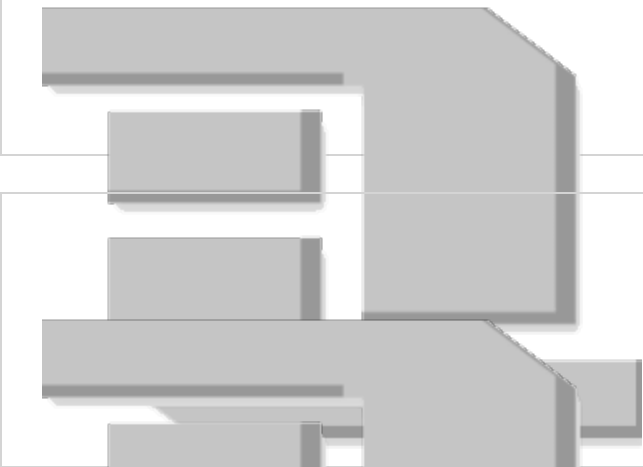
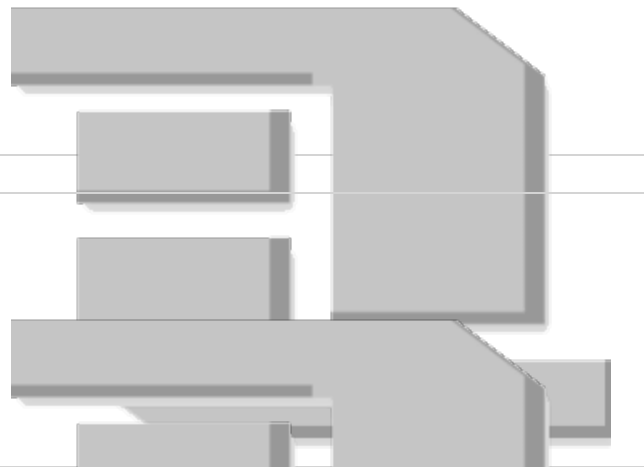
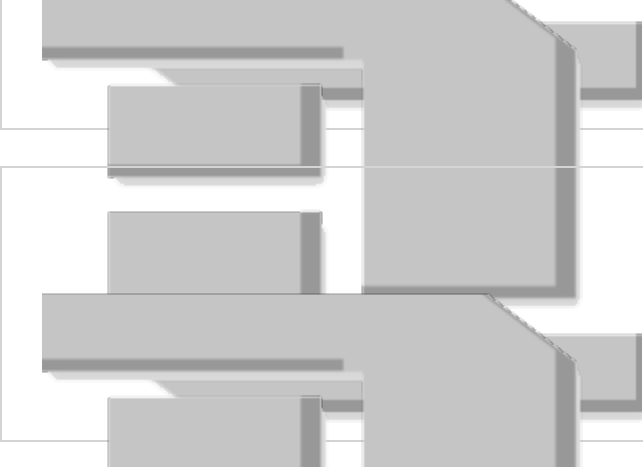
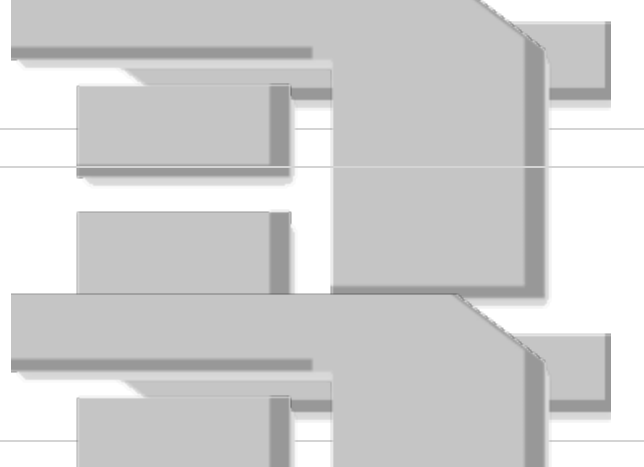
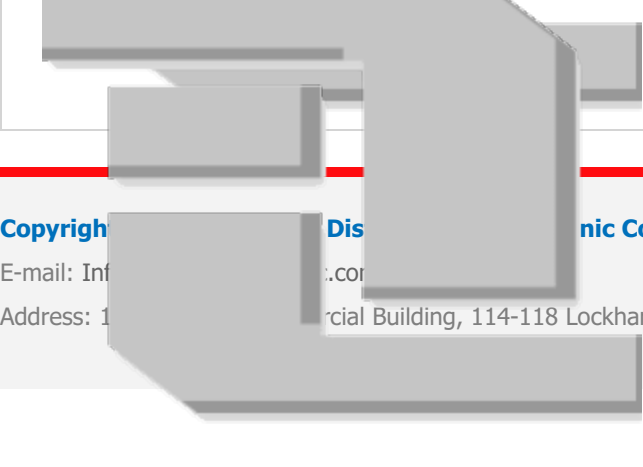
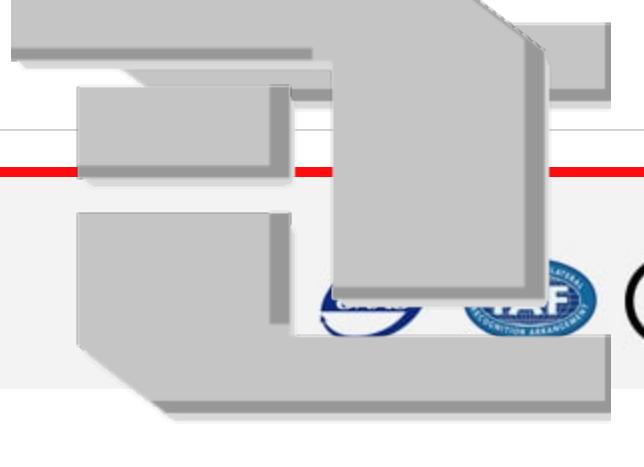
Specifications of MKE02Z16VLD2

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MKE02Z16VLD2                                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 16KB FLASH 44LQFP                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| QUANTITY AVAILABLE               | 35255 pcs                                                                                          |
| DATA SHEET                       |                                                                                                    |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 44-LQFP (10x10)                                                                                    |
| SPEED                            | 20MHz                                                                                              |
| SERIES                           | Kinetis KE02                                                                                       |
| RAM SIZE                         | 2K x 8                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                              |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                     |
| PERIPHERALS                      | LVD, PWM, WDT                                                                                      |
| PACKAGING                        | Tray                                                                                               |
| PACKAGE / CASE                   | 44-LQFP                                                                                            |
| OTHER NAMES                      | 935320029557                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                 |
| NUMBER OF I/O                    | 37                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| EEPROM SIZE                      | 256 x 8                                                                                            |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ Kinetis KE02 Microcontroller IC 32-Bit 20MHz 16KB (16K x 8) FLASH 44-LQFP (10x10) |
| DATA CONVERTERS                  | A/D 16x12b, D/A 2x6b                                                                               |
| CORE SIZE                        | 32-Bit                                                                                             |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                   |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                               |

Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| MKE02Z16VLD2               | MKE02Z16VLD2 Distributor        | MKE02Z16VLD2 Supplier  |
| MKE02Z16VLD2 Price         | MKE02Z16VLD2 Pictures           | MKE02Z16VLD2 Image     |
| MKE02Z16VLD2 PDF Datasheet | MKE02Z16VLD2 Download Datasheet | MKE02Z16VLD2 Datasheet |
| MKE02Z16VLD2 Stock         | Buy MKE02Z16VLD2                | Buy MKE02Z16VLD2       |
| MKE02Z16VLD2               | Supplier                        | Distributor            |

Related Products

|                                                                                    |                                                                                                                                                  |                                                                                      |                                                                                                                                                  |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>MKE02Z16VLC4</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 16KB FLASH 32LQFP</p> <p>In stock: 43589 pcs</p> <p>RFQ</p>    |  | <p><b>MKE02Z32VLC2</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 32KB FLASH 32LQFP</p> <p>In stock: 30880 pcs</p> <p>RFQ</p>    |
|  | <p><b>MKE02Z16VLC2R</b></p> <p>Manufacturers: NXP</p> <p>Description: KINETIS KE02: 20MHZ CORTEX-M0+ 5</p> <p>In stock: 81799 pcs</p> <p>RFQ</p> |  | <p><b>MKE02Z32VLC4R</b></p> <p>Manufacturers: NXP</p> <p>Description: KINETIS KE02: 40MHZ CORTEX-M0+ 5</p> <p>In stock: 75381 pcs</p> <p>RFQ</p> |
|  | <p><b>MKE02Z32VLD2</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 32KB FLASH 44LQFP</p> <p>In stock: 36579 pcs</p> <p>RFQ</p>    |  | <p><b>MKE02Z16VFM4</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 16KB FLASH 32QFN</p> <p>In stock: 47616 pcs</p> <p>RFQ</p>     |
|  | <p><b>MKE02Z32VFM4R</b></p> <p>Manufacturers: NXP</p> <p>Description: KINETIS KE02: 40MHZ CORTEX-M0+ 5</p> <p>In stock: 85587 pcs</p> <p>RFQ</p> |  | <p><b>MKE02Z16VLD4</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 16KB FLASH 44LQFP</p> <p>In stock: 37076 pcs</p> <p>RFQ</p>    |
|  | <p><b>MKE02Z32VLC4</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 32KB FLASH 32LQFP</p> <p>In stock: 30884 pcs</p> <p>RFQ</p>    |  | <p><b>MKE02Z32VFM4</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 32KB FLASH 32QFN</p> <p>In stock: 34919 pcs</p> <p>RFQ</p>     |
|  | <p><b>MKE02Z32VLC2R</b></p> <p>Manufacturers: NXP</p> <p>Description: KINETIS KE02: 20MHZ CORTEX-M0+ 5</p> <p>In stock: 66515 pcs</p> <p>RFQ</p> |  | <p><b>MKE02Z16VLC2</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 16KB FLASH 32LQFP</p> <p>In stock: 49335 pcs</p> <p>RFQ</p>    |

