

NXP Semiconductors / Freescale

MKW31Z512VHT4

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MKW31Z512VHT4                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | KINETIS L 32-BIT MCU ARM CORTEX-                                                                             |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 17174 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION



Image may be representation. See specifications for product details.

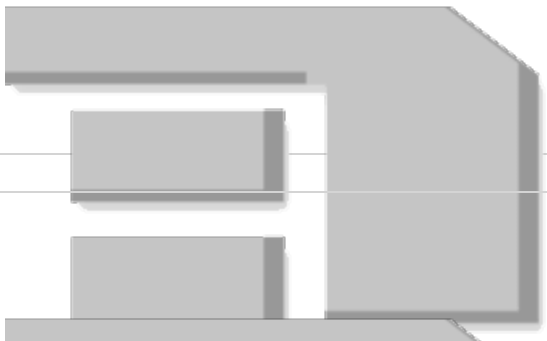
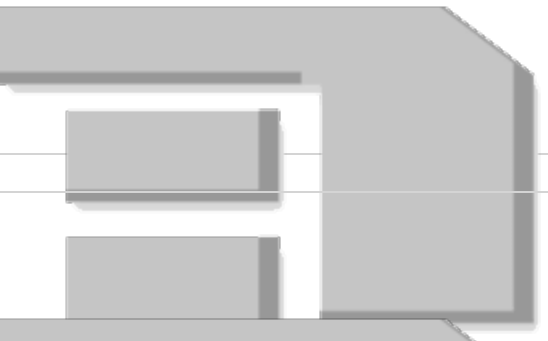
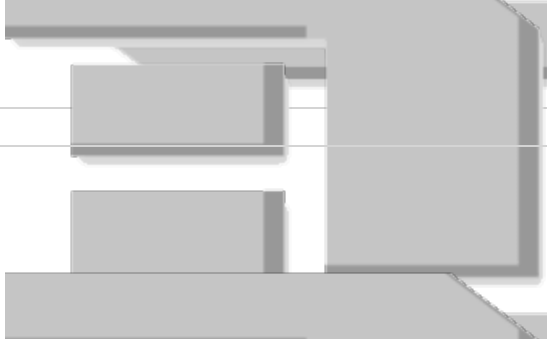
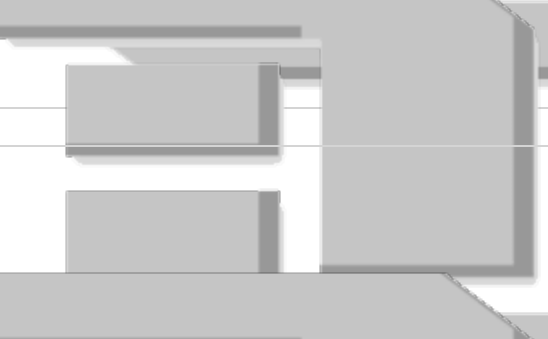
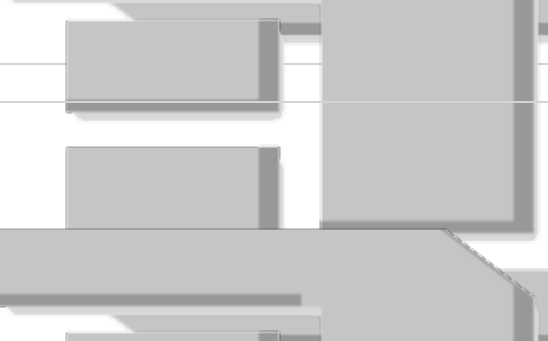
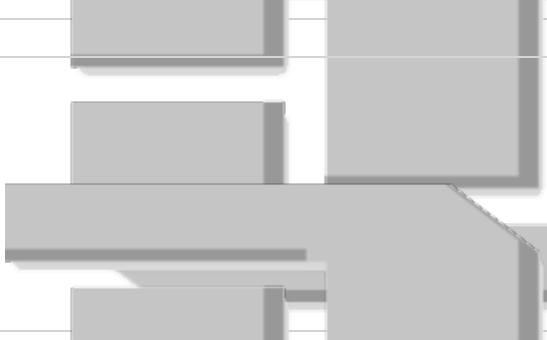
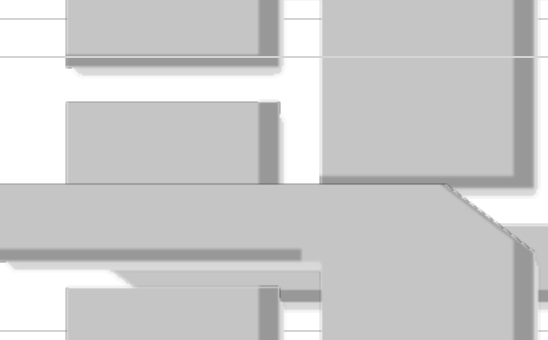
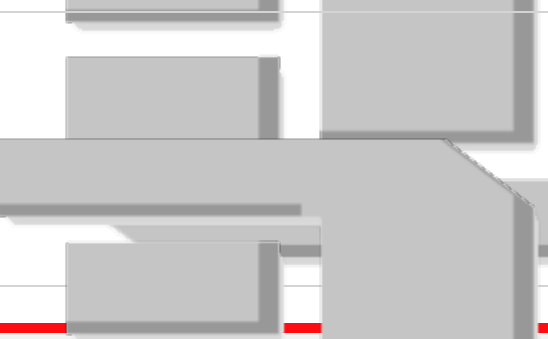
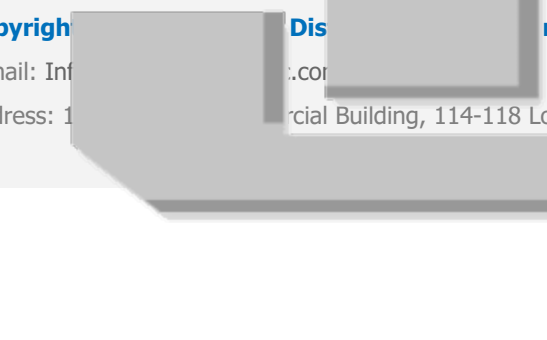
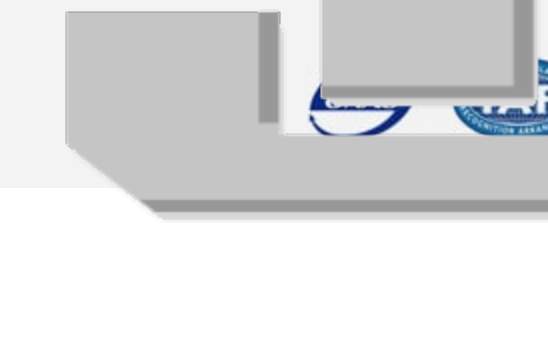
Specifications of MKW31Z512VHT4

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| PART NUMBER                      | MKW31Z512VHT4                                             |
| MANUFACTURER                     | NXP Semiconductors / Freescale                            |
| DESCRIPTION                      | KINETIS L 32-BIT MCU ARM CORTEX-                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                |
| QUANTITY AVAILABLE               | 17174 pcs                                                 |
| DATA SHEET                       |                                                           |
| VOLTAGE - SUPPLY                 | 1.71 V ~ 3.6 V                                            |
| TYPE                             | TxRx + MCU                                                |
| SERIES                           | -                                                         |
| SERIAL INTERFACES                | I²C, SPI, UART                                            |
| SENSITIVITY                      | -102dBm                                                   |
| RF FAMILY/STANDARD               | Bluetooth                                                 |
| PROTOCOL                         | Bluetooth v4.2                                            |
| POWER - OUTPUT                   | 4dBm                                                      |
| PACKAGING                        | Tray                                                      |
| PACKAGE / CASE                   | 48-VFQFN                                                  |
| OTHER NAMES                      | 935323702557                                              |
| OPERATING TEMPERATURE            | -                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                             |
| MODULATION                       | -                                                         |
| MEMORY SIZE                      | 512kB Flash, 128kB RAM                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                |
| FREQUENCY                        | 2.4GHz                                                    |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU Bluetooth Bluetooth v4.2 2.4GHz 48-VFQFN |
| DATA RATE (MAX)                  | -                                                         |
| CURRENT - TRANSMITTING           | 6mA                                                       |
| CURRENT - RECEIVING              | 6.2mA                                                     |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MKW31Z512VHT4               | MKW31Z512VHT4 Distributor        | MKW31Z512VHT4 Supplier  |
| MKW31Z512VHT4 Price         | MKW31Z512VHT4 Pictures           | MKW31Z512VHT4 Image     |
| MKW31Z512VHT4 PDF Datasheet | MKW31Z512VHT4 Download Datasheet | MKW31Z512VHT4 Datasheet |
| MKW31Z512VHT4 Stock         | Buy MKW31Z512VHT4                | Buy MKW31Z512VHT4       |
| MKW31Z512VHT4               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                  |                                                                                      |                                                                                                                                   |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MKW22D512VHA5</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 63-VFLGA<br>In stock: 8393 pcs<br><b>RFQ</b>  |  | <b>MKW36A512VFP4</b><br>Manufacturers: NXP<br>Description: KINETIS W 32-BIT MCU ARM CORTEX-<br>In stock: 15477 pcs<br><b>RFQ</b>  |
|  | <b>MKW30Z160VHM4</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU BLUETOOTH 32QFN<br>In stock: 16112 pcs<br><b>RFQ</b>   |  | <b>MKW31Z2256VHT4</b><br>Manufacturers: NXP<br>Description: KINETIS L 32-BIT MCU ARM CORTEX-<br>In stock: 19108 pcs<br><b>RFQ</b> |
|  | <b>MKW35Z512VHT4</b><br>Manufacturers: NXP<br>Description: KINETIS W 32-BIT MCU ARM CORTEX-<br>In stock: 15629 pcs<br><b>RFQ</b> |  | <b>MKW31Z512VHT4R</b><br>Manufacturers: NXP<br>Description: KINETIS KW31Z: BLE 4.2 WIRELESS<br>In stock: 31794 pcs<br><b>RFQ</b>  |
|  | <b>MKW30Z160VHM4R</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU BLUETOOTH 32QFN<br>In stock: 45681 pcs<br><b>RFQ</b>  |  | <b>MKW36A512VHT4</b><br>Manufacturers: NXP<br>Description: KINETIS W 32-BIT MCU ARM CORTEX-<br>In stock: 15233 pcs<br><b>RFQ</b>  |
|  | <b>MKW31Z512CAT4R</b><br>Manufacturers: NXP<br>Description: KINETIS K SERIES 32-BIT MCU ARM<br>In stock: 33130 pcs<br><b>RFQ</b> |  | <b>MKW36Z512VFP4</b><br>Manufacturers: NXP<br>Description: KINETIS W 32-BIT MCU ARM CORTEX-<br>In stock: 13045 pcs<br><b>RFQ</b>  |
|  | <b>MKW35A512VFP4</b><br>Manufacturers: NXP<br>Description: KINETIS W 32-BIT MCU ARM CORTEX-<br>In stock: 16102 pcs<br><b>RFQ</b> |  | <b>MKW24D512VHA5</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 63-VFLGA<br>In stock: 9523 pcs<br><b>RFQ</b>   |