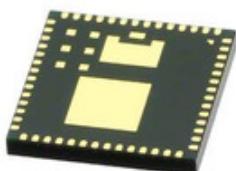




NXP Semiconductors / Freescale



|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MKW21D512VHA5                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC RF TXRX+MCU 802.15.4 63-VFLGA                                                                             |
|                     |  1.MKW21D512VHA5.pdf        |
|                     |  2.MKW21D512VHA5.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

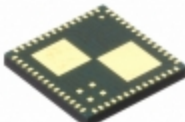
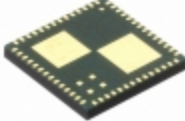
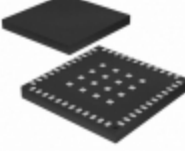
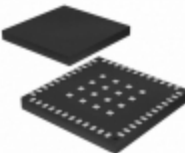
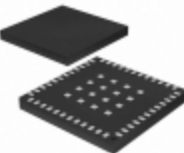
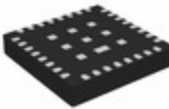
Specifications of MKW21D512VHA5

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MKW21D512VHA5                                                                                                                                                                                                      |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                     |
| DESCRIPTION                      | IC RF TXRX+MCU 802.15.4 63-VFLGA                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| DATA SHEET                       |  1.MKW21D512VHA5.pdf<br> 2.MKW21D512VHA5.pdf |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 3.6 V                                                                                                                                                                                                      |
| TYPE                             | TxRx + MCU                                                                                                                                                                                                         |
| SERIES                           | -                                                                                                                                                                                                                  |
| SERIAL INTERFACES                | I²C, JTAG, SPI, UART                                                                                                                                                                                               |
| SENSITIVITY                      | -102dBm                                                                                                                                                                                                            |
| RF FAMILY/STANDARD               | 802.15.4                                                                                                                                                                                                           |
| PROTOCOL                         | Zigbee®                                                                                                                                                                                                            |
| POWER - OUTPUT                   | 8dBm                                                                                                                                                                                                               |
| PACKAGING                        | Tray                                                                                                                                                                                                               |
| PACKAGE / CASE                   | 63-VFLGA                                                                                                                                                                                                           |
| OTHER NAMES                      | 935321841557                                                                                                                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 105°C                                                                                                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                      |
| MODULATION                       | DSSS, O-QPSK                                                                                                                                                                                                       |
| MEMORY SIZE                      | 512kB Flash, 64kB SRAM                                                                                                                                                                                             |
| MANUFACTURER STANDARD LEAD TIME  | 24 Weeks                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| GPIO                             | 2                                                                                                                                                                                                                  |
| FREQUENCY                        | 2.4GHz                                                                                                                                                                                                             |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU 802.15.4 Zigbee® 2.4GHz 63-VFLGA                                                                                                                                                                  |
| DATA RATE (MAX)                  | 250kbps                                                                                                                                                                                                            |
| CURRENT - TRANSMITTING           | 19mA                                                                                                                                                                                                               |
| CURRENT - RECEIVING              | 15mA                                                                                                                                                                                                               |

Related Tags

|                                              |                                         |                                                  |
|----------------------------------------------|-----------------------------------------|--------------------------------------------------|
| NXP Semiconductors / Freescale MKW21D512VHA5 | MKW21D512VHA5 Distributor               | MKW21D512VHA5 Supplier                           |
| MKW21D512VHA5 Price                          | MKW21D512VHA5 Pictures                  | MKW21D512VHA5 Image                              |
| MKW21D512VHA5 PDF Datasheet                  | MKW21D512VHA5 Download Datasheet        | MKW21D512VHA5 Datasheet                          |
| MKW21D512VHA5 Stock                          | Buy MKW21D512VHA5                       | Buy NXP Semiconductors / Freescale MKW21D512VHA5 |
| NXP Semiconductors / Freescale MKW21D512VHA5 | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor       |
| NXP Semiconductors / Freescale MKW21D512VHA5 | NXP Semiconductors MKW21D512VHA5        | Freescale MKW21D512VHA5                          |
| Freescale Semiconductor - NXP MKW21D512VHA5  | NXP USA Inc. MKW21D512VHA5              |                                                  |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MKW01Z128CHNR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 60-VFLGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MKW30Z160VHM4R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC RF TXRX+MCU BLUETOOTH 32QFN<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>MKW01Z128CHN</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 60-VFLGA<br/>In stock: 780 pcs<br/>RFQ</div>    |  <div><b>MKW22D512VHA5</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC RF TXRX+MCU 802.15.4 63-VFLGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MKW21Z256VHT4</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: KINETIS L 32-BIT MCU ARM CORTEX-<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>MKW21D256VHA5</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC RF TXRX+MCU 802.15.4 63-VFLGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MKW21Z512VHT4</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: KINETIS L 32-BIT MCU ARM CORTEX-<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>MKW20Z160VHT4</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC RF TXRX+MCU 802.15.4 48QFN<br/>In stock: 209 pcs<br/>RFQ</div>      |
|  <div><b>MKW21D256VHA5R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC RF TXRX+MCU 802.15.4 63-VFLGA<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MKW24D512VHA5</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC RF TXRX+MCU 802.15.4 63-VFLGA<br/>In stock: 260 pcs<br/>RFQ</div>   |
|  <div><b>MKW21D512VHA5R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: KINETIS KW21D: 802.15.4 WIRELESS<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MKW30Z160VHM4</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC RF TXRX+MCU BLUETOOTH 32QFN<br/>In stock: 511 pcs<br/>RFQ</div>     |