

NXP Semiconductors / Freescale

MKW20Z160VHT4

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MKW20Z160VHT4                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC RF TXRX+MCU 802.15.4 48QFN                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 17198 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MKW20Z160VHT4

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| PART NUMBER                      | MKW20Z160VHT4                                        |
| MANUFACTURER                     | NXP Semiconductors / Freescale                       |
| DESCRIPTION                      | IC RF TXRX+MCU 802.15.4 48QFN                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                           |
| QUANTITY AVAILABLE               | 17198 pcs                                            |
| DATA SHEET                       |                                                      |
| VOLTAGE - SUPPLY                 | 1.45 V ~ 3.6 V                                       |
| TYPE                             | TxRx + MCU                                           |
| SERIES                           | -                                                    |
| SERIAL INTERFACES                | I²C, SPI, UART                                       |
| SENSITIVITY                      | -102dBm                                              |
| RF FAMILY/STANDARD               | 802.15.4                                             |
| PROTOCOL                         | ZigbeePRO®                                           |
| POWER - OUTPUT                   | 5dBm                                                 |
| PACKAGING                        | Tray                                                 |
| PACKAGE / CASE                   | 48-VFQFN                                             |
| OTHER NAMES                      | 935312046557                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                        |
| MODULATION                       | O-QPSK                                               |
| MEMORY SIZE                      | 160kB Flash, 20kB SRAM                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                           |
| GPIO                             | 28                                                   |
| FREQUENCY                        | 2.4GHz                                               |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU 802.15.4 ZigbeePRO® 2.4GHz 48-VFQFN |
| DATA RATE (MAX)                  | 250kbps                                              |
| CURRENT - TRANSMITTING           | 8.4mA ~ 18.5mA                                       |
| CURRENT - RECEIVING              | 6.5mA ~ 15.4mA                                       |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MKW20Z160VHT4               | MKW20Z160VHT4 Distributor        | MKW20Z160VHT4 Supplier  |
| MKW20Z160VHT4 Price         | MKW20Z160VHT4 Pictures           | MKW20Z160VHT4 Image     |
| MKW20Z160VHT4 PDF Datasheet | MKW20Z160VHT4 Download Datasheet | MKW20Z160VHT4 Datasheet |
| MKW20Z160VHT4 Stock         | Buy MKW20Z160VHT4                | Buy MKW20Z160VHT4       |
| MKW20Z160VHT4               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                            |                                                                                      |                                                                                                                            |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
|  | <b>MKW21Z256VHT4</b><br>Manufacturers: NXP<br>Description: KINETIS L 32-BIT MCU ARM CORTEx-<br>In stock: 25168 pcs<br>RFQ  |  | <b>MKW01Z128CHNR</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU ISM<1GHZ 60-VFLGA<br>In stock: 30878 pcs<br>RFQ  |
|  | <b>MKW30Z160VHM4</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU BLUETOOTH 32QFN<br>In stock: 16112 pcs<br>RFQ    |  | <b>MKW24D512VHA5</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 63-VFLGA<br>In stock: 9523 pcs<br>RFQ   |
|  | <b>MKW21D512VHA5R</b><br>Manufacturers: NXP<br>Description: KINETIS KW21D: 802.15.4 WIRELESS<br>In stock: 21033 pcs<br>RFQ |  | <b>MKW21D256VHA5R</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 63-VFLGA<br>In stock: 19907 pcs<br>RFQ |
|  | <b>MKW01Z128CHN</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU ISM<1GHZ 60-VFLGA<br>In stock: 14776 pcs<br>RFQ   |  | <b>MKW21D256VHA5</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 63-VFLGA<br>In stock: 10166 pcs<br>RFQ  |
|  | <b>MKW30Z160VHM4R</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU BLUETOOTH 32QFN<br>In stock: 45681 pcs<br>RFQ   |  | <b>MKW21Z512VHT4</b><br>Manufacturers: NXP<br>Description: KINETIS L 32-BIT MCU ARM CORTEx-<br>In stock: 19392 pcs<br>RFQ  |
|  | <b>MKW21D512VHA5</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 63-VFLGA<br>In stock: 7626 pcs<br>RFQ   |  | <b>MKW22D512VHA5</b><br>Manufacturers: NXP<br>Description: IC RF TXRX+MCU 802.15.4 63-VFLGA<br>In stock: 8393 pcs<br>RFQ   |