

NXP Semiconductors / Freescale

MK22DN512VLH5

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MK22DN512VLH5                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 512KB FLASH 64LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 9616 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

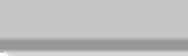
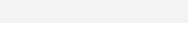
Specifications of MK22DN512VLH5

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MK22DN512VLH5                                                                                      |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 64LQFP                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| QUANTITY AVAILABLE               | 9616 pcs                                                                                           |
| DATA SHEET                       |                                                                                                    |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                    |
| SPEED                            | 50MHz                                                                                              |
| SERIES                           | Kinetis K20                                                                                        |
| RAM SIZE                         | 64K x 8                                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                                              |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                   |
| PERIPHERALS                      | DMA, I²S, LVD, POR, PWM, WDT                                                                       |
| PACKAGING                        | Tray                                                                                               |
| PACKAGE / CASE                   | 64-LQFP                                                                                            |
| OTHER NAMES                      | 935321793557                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                 |
| NUMBER OF I/O                    | 40                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| EEPROM SIZE                      | -                                                                                                  |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 50MHz 512KB (512K x 8) FLASH 64-LQFP (10x10) |
| DATA CONVERTERS                  | A/D 18x16b, D/A 1x12b                                                                              |
| CORE SIZE                        | 32-Bit                                                                                             |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                    |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART, USB, USB OTG                                                           |
| BASE PART NUMBER                 | MK22DN512                                                                                          |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MK22DN512VLH5               | MK22DN512VLH5 Distributor        | MK22DN512VLH5 Supplier  |
| MK22DN512VLH5 Price         | MK22DN512VLH5 Pictures           | MK22DN512VLH5 Image     |
| MK22DN512VLH5 PDF Datasheet | MK22DN512VLH5 Download Datasheet | MK22DN512VLH5 Datasheet |
| MK22DN512VLH5 Stock         | Buy MK22DN512VLH5                | Buy MK22DN512VLH5       |
| MK22DN512VLH5               | Supplier                         | Distributor             |

Related Products

|                                                                                                                                                                                                                             |                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>MK2213FE-R52</b><br/>Manufacturers: Ohmite<br/>Description: RES 221K OHM 1/4W 1% AXIAL<br/>In stock: 8935613 pcs</p> <p>RFQ</p>    |  <p><b>MK2260FE-R52</b><br/>Manufacturers: Ohmite<br/>Description: RES 226 OHM 1/4W 1% AXIAL<br/>In stock: 9080673 pcs</p> <p>RFQ</p>     |
|  <p><b>MK2263FE-R52</b><br/>Manufacturers: Ohmite<br/>Description: RES 226K OHM 1/4W 1% AXIAL<br/>In stock: 11027253 pcs</p> <p>RFQ</p>   |  <p><b>MK2262FE-R52</b><br/>Manufacturers: Ohmite<br/>Description: RES 22.6K OHM 1/4W 1% AXIAL<br/>In stock: 10121933 pcs</p> <p>RFQ</p>  |
|  <p><b>MK222DX128VLH5</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 14948 pcs</p> <p>RFQ</p>  |  <p><b>MK222DX128VLK5</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br/>In stock: 13218 pcs</p> <p>RFQ</p>  |
|  <p><b>MK222DN512VMC5</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: 8807 pcs</p> <p>RFQ</p>   |  <p><b>MK222DX128VMC5</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 121BGA<br/>In stock: 11021 pcs</p> <p>RFQ</p>  |
|  <p><b>MK222DN512VLC5</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 512KB FLASH 80LQFP<br/>In stock: 9733 pcs</p> <p>RFQ</p>   |  <p><b>MK222DN512VDC5</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: 12768 pcs</p> <p>RFQ</p>  |
|  <p><b>MK222DN512VLC5R</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: 18974 pcs</p> <p>RFQ</p> |  <p><b>MK222DN512VDC5R</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: 18974 pcs</p> <p>RFQ</p> |
|  <p><b>MK222DX128VLF5</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: 13180 pcs</p> <p>RFQ</p>  |  <p><b>MK22262FE-R52</b><br/>Manufacturers: Ohmite<br/>Description: RES 22.6K OHM 1/4W 1% AXIAL<br/>In stock: 10121933 pcs</p> <p>RFQ</p> |