

NXP Semiconductors / Freescale

MK24FN1M0VLL12R

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MK24FN1M0VLL12R                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 1MB FLASH 100LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 9493 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MK24FN1M0VLL12R

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MK24FN1M0VLL12R                                                                                  |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                   |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 100LQFP                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| QUANTITY AVAILABLE               | 9493 pcs                                                                                         |
| DATA SHEET                       |                                                                                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                 |
| SPEED                            | 120MHz                                                                                           |
| SERIES                           | Kinetis K20                                                                                      |
| RAM SIZE                         | 256K x 8                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                            |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                                     |
| PERIPHERALS                      | DMA, I <sup>2</sup> S, LVD, POR, PWM, WDT                                                        |
| PACKAGING                        | Tape & Reel (TR)                                                                                 |
| PACKAGE / CASE                   | 100-LQFP                                                                                         |
| OTHER NAMES                      | 935315193528                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                               |
| NUMBER OF I/O                    | 66                                                                                               |
| 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 120MHz 1MB (1M x 8) FLASH 100-LQFP (14x14) |
| DATA CONVERTERS                  | A/D 32x16b, D/A 2x12b                                                                            |
| CORE SIZE                        | 32-Bit                                                                                           |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                  |
| CONNECTIVITY                     | CANbus, EBI/EMI, I <sup>2</sup> C, IrDA, SD, SPI, UART/USART, USB, USB OTG                       |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| MK24FN1M0VLL12R               | MK24FN1M0VLL12R Distributor        | MK24FN1M0VLL12R Supplier  |
| MK24FN1M0VLL12R Price         | MK24FN1M0VLL12R Pictures           | MK24FN1M0VLL12R Image     |
| MK24FN1M0VLL12R PDF Datasheet | MK24FN1M0VLL12R Download Datasheet | MK24FN1M0VLL12R Datasheet |
| MK24FN1M0VLL12R Stock         | Buy MK24FN1M0VLL12R                | Buy MK24FN1M0VLL12R       |
| MK24FN1M0VLL12R               | Supplier                           | Distributor               |

Related Products

|                                                                                                                                                                                                                            |                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>MK2551FE-R52</b><br/>Manufacturers: Ohmite<br/>Description: RES 2.55K OHM 1/4W 1% AXIAL<br/>In stock: 11418350 pcs</p> <p>RFQ</p> |  <p><b>MK24FN1M0VDC12R</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 121MAPBGA<br/>In stock: 11681 pcs</p> <p>RFQ</p> |
|  <p><b>MK24FN256VDC12</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 256KB FLASH 121BGA<br/>In stock: 9990 pcs</p> <p>RFQ</p>  |  <p><b>MK24R3FE-R52</b><br/>Manufacturers: Ohmite<br/>Description: RES 24.3 OHM 1/4W 1% AXIAL<br/>In stock: 10110966 pcs</p> <p>RFQ</p>    |
|  <p><b>MK2491FE-R52</b><br/>Manufacturers: Ohmite<br/>Description: RES 2.49K OHM 1/4W 1% AXIAL<br/>In stock: 11839739 pcs</p> <p>RFQ</p> |  <p><b>MK24FN1M0VLQ12R</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 9445 pcs</p> <p>RFQ</p>    |
|  <p><b>MK2491FE-R52</b><br/>Manufacturers: Ohmite<br/>Description: RES 2.49K OHM 1/4W 1% AXIAL<br/>In stock: 11839739 pcs</p> <p>RFQ</p> |  <p><b>MK24FN1M0VDC12</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 121MAPBGA<br/>In stock: 7743 pcs</p> <p>RFQ</p>   |
|  <p><b>MK24FN1M0CAJ12R</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 142WLCSP<br/>In stock: 7748 pcs</p> <p>RFQ</p> |  <p><b>MK24FN1M0VLQ12</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 6503 pcs</p> <p>RFQ</p>     |
|  <p><b>MK2492FE-R52</b><br/>Manufacturers: Ohmite<br/>Description: RES 24.9K OHM 1/4W 1% AXIAL<br/>In stock: 10164278 pcs</p> <p>RFQ</p> |  <p><b>MK24R9FE-R52</b><br/>Manufacturers: Ohmite<br/>Description: RES 24.9 OHM 1/4W 1% AXIAL<br/>In stock: 11349294 pcs</p> <p>RFQ</p>    |