

NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MK22FN1M0AVLL12

|                     |                                                  |
|---------------------|--------------------------------------------------|
| Part Number:        | MK22FN1M0AVLL12                                  |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                   |
| Product description | IC MCU 32BIT 1MB FLASH 100LQFP                   |
| Datasheets:         |                                                  |
| RoHS Status         | <div><div></div>Lead free / RoHS Compliant</div> |
| Stock Condition     | 8083 pcs stock                                   |
| Ship From           | Hong Kong                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                            |

REQUEST FOR QUOTATION

Specifications of MK22FN1M0AVLL12

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MK22FN1M0AVLL12                                                                                  |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                   |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 100LQFP                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| QUANTITY AVAILABLE               | 8083 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                         | 128K x 8                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                            |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                                     |
| PERIPHERALS                      | DMA, I²S, LVD, POR, PWM, WDT                                                                     |
| PACKAGING                        | Tray                                                                                             |
| PACKAGE / CASE                   | 100-LQFP                                                                                         |
| OTHER NAMES                      | 935322249557                                                                                     |
| 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 33x16b, D/A 1x12b                                                                            |
| CORE SIZE                        | 32-Bit                                                                                           |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                  |
| CONNECTIVITY                     | CANbus, EBI/EMI, I²C, IrDA, SPI, UART/USART, USB, USB OTG                                        |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| MK22FN1M0AVLL12               | MK22FN1M0AVLL12 Distributor        | MK22FN1M0AVLL12 Supplier  |
| MK22FN1M0AVLL12 Price         | MK22FN1M0AVLL12 Pictures           | MK22FN1M0AVLL12 Image     |
| MK22FN1M0AVLL12 PDF Datasheet | MK22FN1M0AVLL12 Download Datasheet | MK22FN1M0AVLL12 Datasheet |
| MK22FN1M0AVLL12 Stock         | Buy MK22FN1M0AVLL12                | Buy MK22FN1M0AVLL12       |
| MK22FN1M0AVLL12               | Supplier                           | Distributor               |

Related Products

|                                                                                                                                                                                       |                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MK22FN128VLH10R</b><br/>Manufacturers: NXP<br/>Description: KINETIS K 32-BIT MCU ARM CORTEX<br/>In stock: 28996 pcs</div> <div>RFQ</div>                          | <div></div> <div><b>MK22FN1M0VLK12R</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 80LQFP<br/>In stock: 12115 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>MK22FN1M0AVLK12R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: KINETIS K 32-BIT MCU ARM CORTEX<br/>In stock: 14196 pcs</div> <div></div> | <div></div> <div><b>MK22FN128VLL10</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 17322 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MK22FN1M0AVLK12</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: KINETIS K 32-BIT MCU ARM CORTEX<br/>In stock: 14196 pcs</div> <div></div>  | <div></div> <div><b>MK22FN1M0VULK12</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 80LQFP<br/>In stock: 9409 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>MK22FN1M0AVMD12</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 144BGA<br/>In stock: 8231 pcs</div> <div></div>     | <div></div> <div><b>MK22FN1M0AVLH12</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 64LQFP<br/>In stock: 8673 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>MK22FN1M0AVLQ12</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 144BGA<br/>In stock: 8231 pcs</div> <div></div>     | <div></div> <div><b>MK22FN1M0VULH12</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 64LQFP<br/>In stock: 11311 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>MK22FN1M0AVMC12</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 121MAPBGA<br/>In stock: 6915 pcs</div> <div></div>  | <div></div> <div><b>MK22FN128VMP10</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 64BGA<br/>In stock: 16572 pcs</div> <div>RFQ</div>   |

