



MK64FX512VLL12

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|---------------------|--------------------------------------------|
| Part Number:        | MK64FX512VLL12                             |
| Manufacturer/Brand: | Navman Wireless (Telit Wireless Solutions) |
| Product description | IC MCU 32BIT 512KB FLASH 100LQFP           |
| Datasheets:         | MK64FX512VLL12.pdf                         |
| RoHs Status         | Lead free / RoHS Compliant                 |
| Ship From           | Hong Kong                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                      |

REQUEST FOR QUOTATION

Specifications of MK64FX512VLL12

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MK64FX512VLL12                                                                                       |
| MANUFACTURER                     | NXP USA Inc.                                                                                         |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 100LQFP                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| DATA SHEET                       | MK64FX512VLL12.pdf                                                                                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                                                |
| VOLTAGE - BREAKDOWN              | 100-LQFP (14x14)                                                                                     |
| SERIES                           | Kinetis K60                                                                                          |
| ROHS STATUS                      | Tray                                                                                                 |
| REVERSE RECOVERY TIME (TRR)      | 120MHz                                                                                               |
| REQUIRES                         | DMA, I²S, LVD, POR, PWM, WDT                                                                         |
| PROGRAM MEMORY TYPE              | 512KB (512K x 8)                                                                                     |
| PROGRAM MEMORY SIZE              | CAN, EBI/EMI, Ethernet, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG                                 |
| POLARIZATION                     | 100-LQFP                                                                                             |
| OTHER NAMES                      | 935315192557                                                                                         |
| OSCILLATOR TYPE                  | A/D 32x16b, D/A 1x12b                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                   |
| OPERATING SYSTEM                 | ARM® Cortex®-M4                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                        |
| MANUFACTURER STANDARD LEAD TIME  | 8 Weeks                                                                                              |
| MANUFACTURER PART NUMBER         | MK64FX512VLL12                                                                                       |
| EXPANDED DESCRIPTION             | ARM® Cortex®-M4 Kinetis K60 Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 100-LQFP (14x14) |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 100LQFP                                                                     |
| DATA SRAM BYTES                  | 4K x 8                                                                                               |
| DATA CONVERTERS                  | 1.71 V ~ 3.6 V                                                                                       |
| CORE SIZE                        | 192K x 8                                                                                             |
| CONTROLLER SERIES                | Internal                                                                                             |
| CONNECTIVITY                     | 32-Bit                                                                                               |
| CLOCK RATE                       | 66                                                                                                   |

Related Tags

|                                                           |                                                           |                                                               |
|-----------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------|
| Navman Wireless (Telit Wireless Solutions) MK64FX512VLL12 | MK64FX512VLL12 Distributor                                | MK64FX512VLL12 Supplier                                       |
| MK64FX512VLL12 Price                                      | MK64FX512VLL12 Pictures                                   | MK64FX512VLL12 Image                                          |
| MK64FX512VLL12 PDF Datasheet                              | MK64FX512VLL12 Download Datasheet                         | MK64FX512VLL12 Datasheet                                      |
| MK64FX512VLL12 Stock                                      | Buy MK64FX512VLL12                                        | Buy Navman Wireless (Telit Wireless Solutions) MK64FX512VLL12 |
| Navman Wireless (Telit Wireless Solutions) MK64FX512VLL12 | Navman Wireless (Telit Wireless Solutions) Supplier       | Navman Wireless (Telit Wireless Solutions) Distributor        |
| Navman Wireless (Telit Wireless Solutions) MK64FX512VLL12 | Navman Wireless (Telit Wireless Solutions) MK64FX512VLL12 | Telit Wireless Solutions MK64FX512VLL12                       |
| Telit Wireless Solutions, Inc. MK64FX512VLL12             | Telit MK64FX512VLL12                                      |                                                               |

Related Products

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><b>MK64FN1M0VDC12</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 121MAPBGA<br/>In stock: 248 pcs<br/>RFQ</div>   | <div><b>MK64FX512VLQ12</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 874 pcs<br/>RFQ</div>    |
| <div><b>MK64FN1M0VLL12R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>  | <div><b>MK64FN1M0VMD12</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 144MAPBGA<br/>In stock: Out stock<br/>RFQ</div>  |
| <div><b>MK65FX1M0CAC18R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 169WLCSP<br/>In stock: Out stock<br/>RFQ</div> | <div><b>MK65FN2M0CAC18R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 2MB FLASH 169WLCSP<br/>In stock: Out stock<br/>RFQ</div>  |
| <div><b>MK65FN2M0VMI18</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 2MB FLASH 169MAPBGA<br/>In stock: Out stock<br/>RFQ</div> | <div><b>MK64FX512VMD12</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 144BGA<br/>In stock: Out stock<br/>RFQ</div>   |
| <div><b>MK64FN1M0VLQ12</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: Out stock<br/>RFQ</div>   | <div><b>MK65FN2M0VMI18R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: KINETIS K65: 180MHZ CORTEX-M4F M<br/>In stock: Out stock<br/>RFQ</div> |
| <div><b>MK64FN1M0VLL12</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>   | <div><b>MK64FX512VDC12</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: 853 pcs<br/>RFQ</div>     |