

NXP USA Inc.

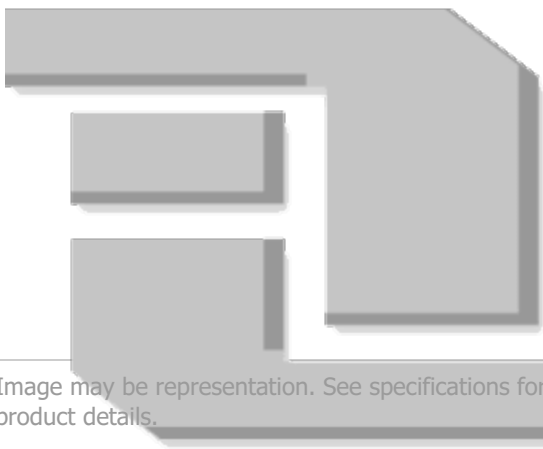


Image may be representation. See specifications for product details.

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MK64FX512VLL12                                                                                               |
| Manufacturer/Brand: | NXP USA Inc.                                                                                                 |
| Product description | IC MCU 32BIT 512KB FLASH 100LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 9647 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

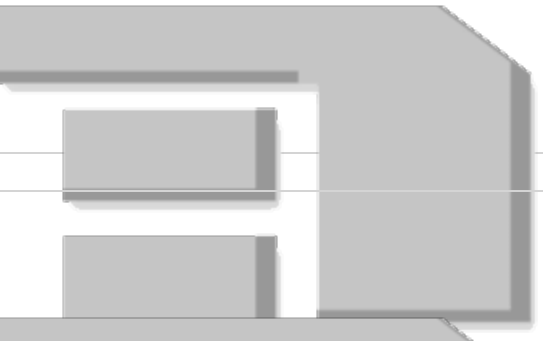
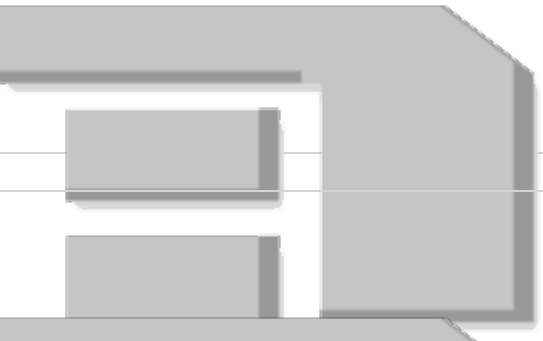
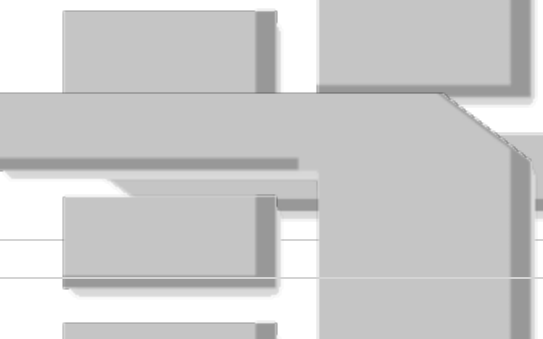
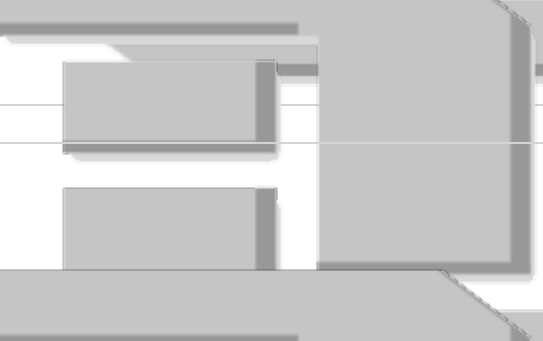
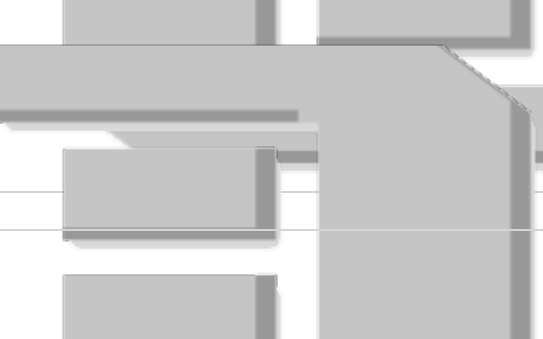
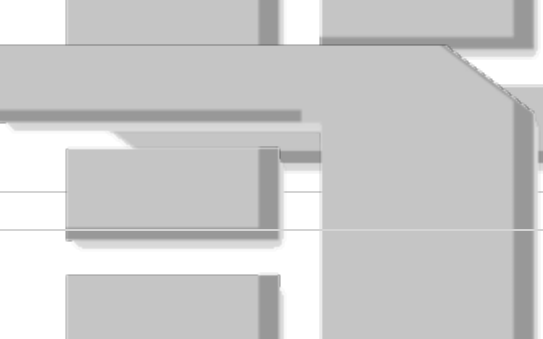
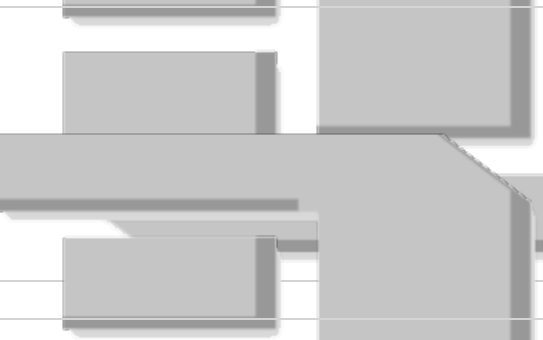
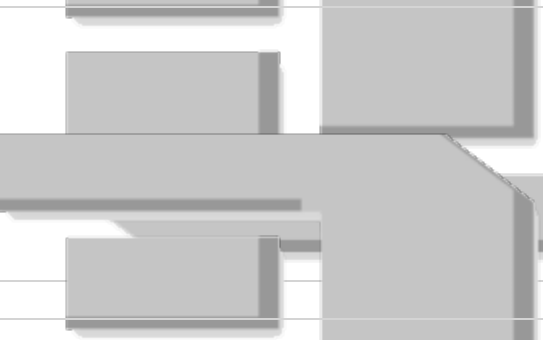
Specifications of MK64FX512VLL12

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MK64FX512VLL12                                                                                       |
| MANUFACTURER                     | NXP USA Inc.                                                                                         |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 100LQFP                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| QUANTITY AVAILABLE               | 9647 pcs                                                                                             |
| DATA SHEET                       |                                                                                                      |
| 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 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

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| MK64FX512VLL12               | MK64FX512VLL12 Distributor        | MK64FX512VLL12 Supplier  |
| MK64FX512VLL12 Price         | MK64FX512VLL12 Pictures           | MK64FX512VLL12 Image     |
| MK64FX512VLL12 PDF Datasheet | MK64FX512VLL12 Download Datasheet | MK64FX512VLL12 Datasheet |
| MK64FX512VLL12 Stock         | Buy MK64FX512VLL12                | Buy MK64FX512VLL12       |
| MK64FX512VLL12               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                           |                                                                                      |                                                                                                                            |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
|  | <b>MK64FN1M0VLL12R</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br>In stock: 9933 pcs<br>RFQ  |  | <b>MK64FN1M0VDC12</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 121MAPBGA<br>In stock: 6607 pcs<br>RFQ  |
|  | <b>MK64FX512VLQ12</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br>In stock: 5640 pcs<br>RFQ |  | <b>MK64FX512VDC12</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 121BGA<br>In stock: 7586 pcs<br>RFQ   |
|  | <b>MK64FX512VMD12</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 144BGA<br>In stock: 7303 pcs<br>RFQ  |  | <b>MK65FX1M0CAC18R</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 169WLCSP<br>In stock: 6701 pcs<br>RFQ  |
|  | <b>MK65FN2M0VMI18</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 2MB FLASH 169MAPBGA<br>In stock: 4903 pcs<br>RFQ |  | <b>MK64FN1M0VLQ12</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br>In stock: 6738 pcs<br>RFQ    |
|  | <b>MK64FN1M0VLL12</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br>In stock: 7380 pcs<br>RFQ   |  | <b>MK65FN2M0VMI18R</b><br>Manufacturers: NXP<br>Description: KINETIS K65: 180MHZ CORTEX-M4F M<br>In stock: 7286 pcs<br>RFQ |
|  | <b>MK65FN2M0CAC18R</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 2MB FLASH 169WLCSP<br>In stock: 6414 pcs<br>RFQ |  | <b>MK64FN1M0VMD12</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 144MAPBGA<br>In stock: 6722 pcs<br>RFQ  |