

NXP Semiconductors / Freescale

MK60FX512VLQ15

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MK60FX512VLQ15                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 512KB FLASH 144LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6694 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

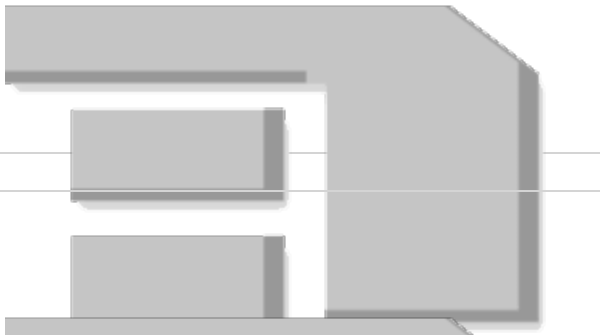
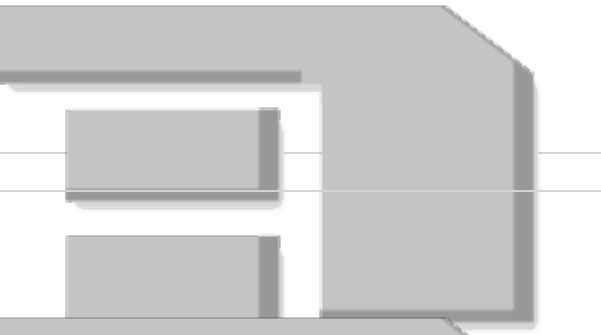
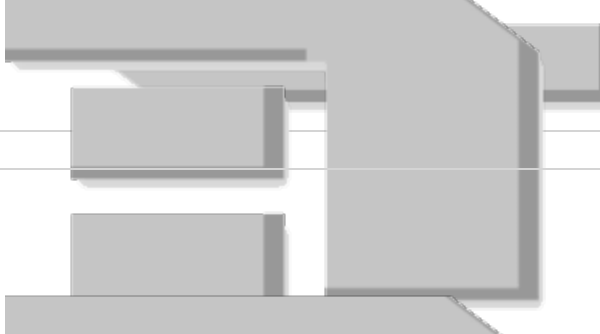
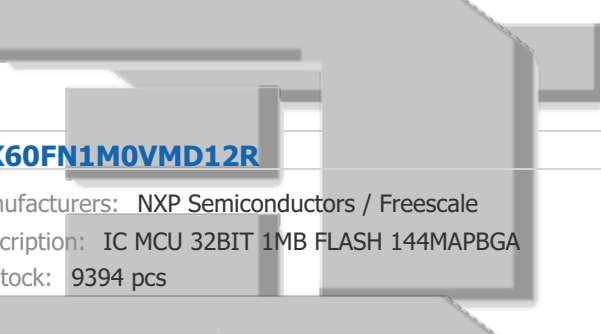
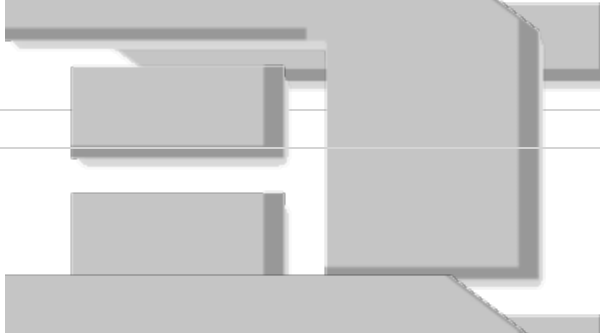
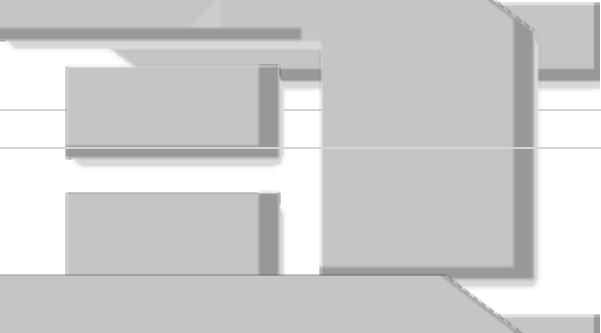
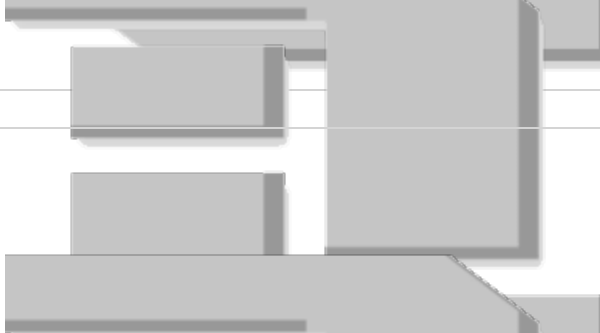
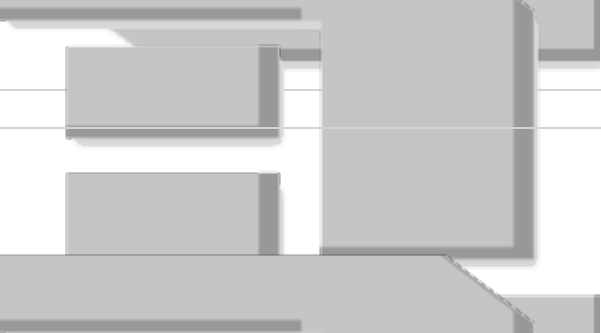
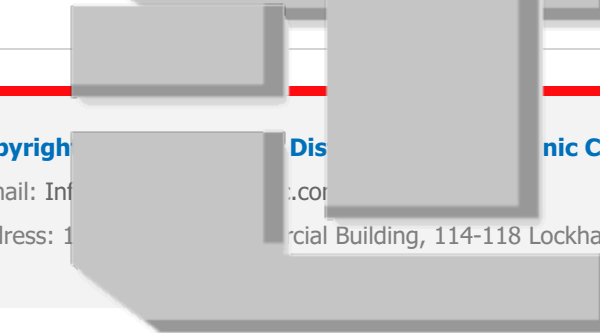
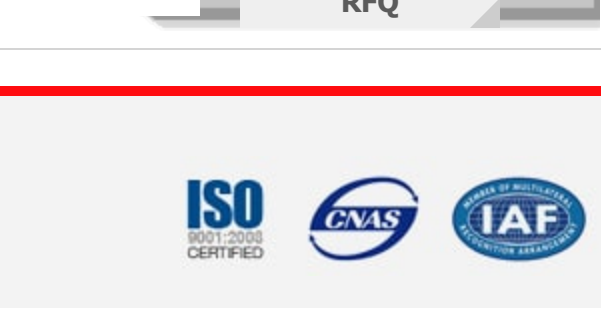
Specifications of MK60FX512VLQ15

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MK60FX512VLQ15                                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 144LQFP                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| QUANTITY AVAILABLE               | 6694 pcs                                                                                             |
| DATA SHEET                       |                                                                                                      |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                     |
| SPEED                            | 150MHz                                                                                               |
| SERIES                           | Kinetis K60                                                                                          |
| RAM SIZE                         | 128K x 8                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                     |
| PERIPHERALS                      | DMA, I²S, LVD, POR, PWM, WDT                                                                         |
| PACKAGING                        | Tray                                                                                                 |
| PACKAGE / CASE                   | 144-LQFP                                                                                             |
| OTHER NAMES                      | 935317611557                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                   |
| NUMBER OF I/O                    | 100                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| EEPROM SIZE                      | 16K x 8                                                                                              |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 Kinetis K60 Microcontroller IC 32-Bit 150MHz 512KB (512K x 8) FLASH 144-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 58x16b, D/A 2x12b                                                                                |
| CORE SIZE                        | 32-Bit                                                                                               |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                      |
| CONNECTIVITY                     | CANbus, EBI/EMI, Ethernet, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG                              |
| BASE PART NUMBER                 | MK60FX512                                                                                            |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| MK60FX512VLQ15               | MK60FX512VLQ15 Distributor        | MK60FX512VLQ15 Supplier  |
| MK60FX512VLQ15 Price         | MK60FX512VLQ15 Pictures           | MK60FX512VLQ15 Image     |
| MK60FX512VLQ15 PDF Datasheet | MK60FX512VLQ15 Download Datasheet | MK60FX512VLQ15 Datasheet |
| MK60FX512VLQ15 Stock         | Buy MK60FX512VLQ15                | Buy MK60FX512VLQ15       |
| MK60FX512VLQ15               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                      |                                                                                      |                                                                                                                                                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MK60FN1M0VLQ12</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br>In stock: 6719 pcs<br><b>RFQ</b>       |  | <b>MK61FN1M0VMD15</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 144MAPBGA<br>In stock: 6180 pcs<br><b>RFQ</b>               |
|  | <b>MK61FN1M0VMD12</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 144MAPBGA<br>In stock: 5588 pcs<br><b>RFQ</b>     |  | <b>MK60FN1M0VMD12R</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MCU 32BIT 1MB FLASH 144MAPBGA<br>In stock: 9394 pcs |
|  | <b>MK61FN1M0CAA12R</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 144MAPBGA<br>In stock: 8884 pcs<br><b>RFQ</b>    |  | <b>MK60FX512VMD12</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 144BGA<br>In stock: 6468 pcs<br><b>RFQ</b>                |
|  | <b>MK60FN1M0VLQ15</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br>In stock: 6107 pcs<br><b>RFQ</b>       |  | <b>MK60FN1M0VMD12</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 144MAPBGA<br>In stock: 5407 pcs<br><b>RFQ</b>               |
|  | <b>MK60FX512VLQ12</b><br>Manufacturers: NXP USA<br>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br>In stock: 6166 pcs<br><b>RFQ</b> |  | <b>MK60FN1M0VMD15</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 144MAPBGA<br>In stock: 6009 pcs<br><b>RFQ</b>               |
|  | <b>MK60FX512VMD15</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 144BGA<br>In stock: 5556 pcs<br><b>RFQ</b>      |  | <b>MK60R4FE-R52</b><br>Manufacturers: Ohmite<br>Description: RES 60.4 OHM 1/4W 1% AXIAL<br>In stock: 10892725 pcs<br><b>RFQ</b>                |