

NXP Semiconductors / Freescale

MK61FN1M0VMJ12

|                     |                                                  |
|---------------------|--------------------------------------------------|
| Part Number:        | MK61FN1M0VMJ12                                   |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                   |
| Product description | IC MCU 32BIT 1MB FLASH 256MAPBGA                 |
| Datasheets:         |                                                  |
| RoHS Status         | <div><div></div>Lead free / RoHS Compliant</div> |
| Stock Condition     | 5162 pcs stock                                   |
| Ship From           | Hong Kong                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                            |

REQUEST FOR QUOTATION

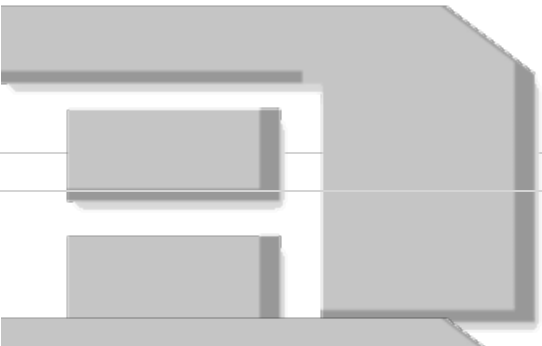
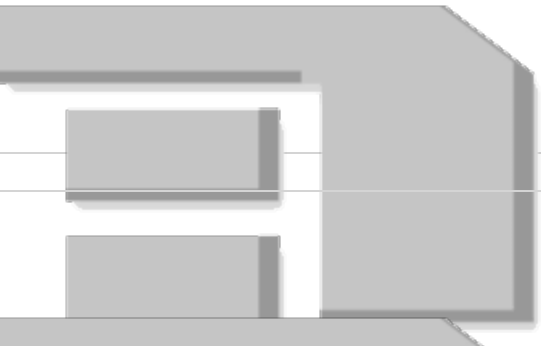
Specifications of MK61FN1M0VMJ12

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MK61FN1M0VMJ12                                                                                      |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 256MAPBGA                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| QUANTITY AVAILABLE               | 5162 pcs                                                                                            |
| DATA SHEET                       |                                                                                                     |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 256-MAPPBGA (17x17)                                                                                 |
| SPEED                            | 120MHz                                                                                              |
| SERIES                           | Kinetis K60                                                                                         |
| 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                   | 256-LBGA                                                                                            |
| OTHER NAMES                      | 935324539557                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                  |
| NUMBER OF I/O                    | 128                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| EEPROM SIZE                      | -                                                                                                   |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 Kinetis K60 Microcontroller IC 32-Bit 120MHz 1MB (1M x 8) FLASH 256-MAPPBGA (17x17) |
| DATA CONVERTERS                  | A/D 77x16b, 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                 | MK61FN1M0                                                                                           |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| MK61FN1M0VMJ12               | MK61FN1M0VMJ12 Distributor        | MK61FN1M0VMJ12 Supplier  |
| MK61FN1M0VMJ12 Price         | MK61FN1M0VMJ12 Pictures           | MK61FN1M0VMJ12 Image     |
| MK61FN1M0VMJ12 PDF Datasheet | MK61FN1M0VMJ12 Download Datasheet | MK61FN1M0VMJ12 Datasheet |
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| MK61FN1M0VMJ12               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                       |                                                                                      |                                                                                                                                      |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MK60FX512VMD15</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 144BGA<br>In stock: 5556 pcs<br><div>RFQ</div>   |  | <b>MK61FX512VMJ15</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 256BGA<br>In stock: 5331 pcs<br><div>RFQ</div>  |
|  | <b>MK61FN1M0CAA12R</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 144MAPBGA<br>In stock: 8884 pcs<br><div>RFQ</div> |  | <b>MK61FN1M0VMD15</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 144MAPBGA<br>In stock: 6180 pcs<br><div>RFQ</div> |
|  | <b>MK60R4FE-R52</b><br>Manufacturers: Ohmite<br>Description: RES 60.4 OHM 1/4W 1% AXIAL<br>In stock: 10892725 pcs<br><div>RFQ</div>   |  | <b>MK61FN1M0VMD12</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 144MAPBGA<br>In stock: 5588 pcs<br><div>RFQ</div> |
|  | <b>MK61FX512VMD12</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 144BGA<br>In stock: 6195 pcs<br><div>RFQ</div>   |  | <b>MK61FX512VMJ12</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 256BGA<br>In stock: 4926 pcs<br><div>RFQ</div>  |
|  | <b>MK61FN1M0VMJ15</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 256MAPBGA<br>In stock: 4928 pcs<br><div>RFQ</div>  |  | <b>MK61FX512VMD15</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 144BGA<br>In stock: 5791 pcs<br><div>RFQ</div>  |
|  | <b>MK60FX512VMD12</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 144BGA<br>In stock: 6468 pcs<br><div>RFQ</div>   |  | <b>MK63FN1M0VLQ12</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br>In stock: 5273 pcs<br><div>RFQ</div>   |