

NXP Semiconductors / Freescale

PK60FX512VLQ15

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PK60FX512VLQ15                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 512KB FLASH 144LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6493 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

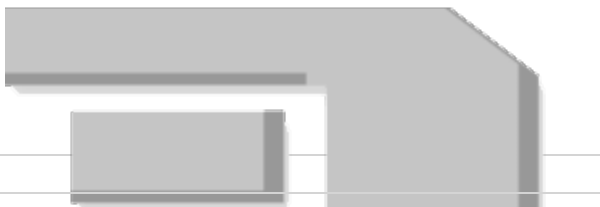
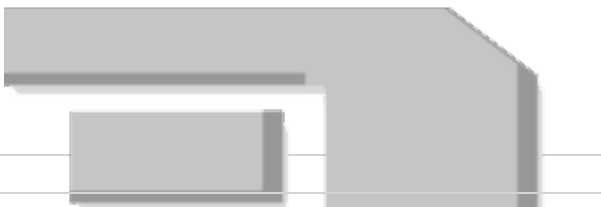
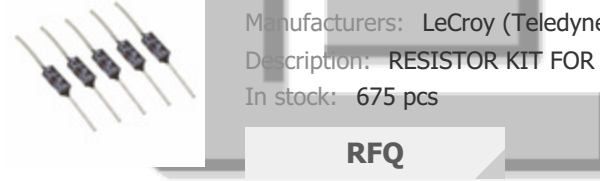
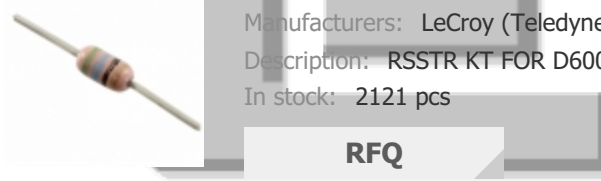
Specifications of PK60FX512VLQ15

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PK60FX512VLQ15                                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 144LQFP                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| QUANTITY AVAILABLE               | 6493 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                        | Bulk                                                                                                 |
| PACKAGE / CASE                   | 144-LQFP                                                                                             |
| 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 48x16b, 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                 | PK60FX512                                                                                            |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| PK60FX512VLQ15               | PK60FX512VLQ15 Distributor        | PK60FX512VLQ15 Supplier  |
| PK60FX512VLQ15 Price         | PK60FX512VLQ15 Pictures           | PK60FX512VLQ15 Image     |
| PK60FX512VLQ15 PDF Datasheet | PK60FX512VLQ15 Download Datasheet | PK60FX512VLQ15 Datasheet |
| PK60FX512VLQ15 Stock         | Buy PK60FX512VLQ15                | Buy PK60FX512VLQ15       |
| PK60FX512VLQ15               | Supplier                          | Distributor              |

Related Products

|                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>PK60FX512VMD12</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 512KB FLASH 144BGA<br/>In stock: 4882 pcs</p> <p>RFQ</p>                 |  <p><b>PK60N256VMC100</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 256KB FLASH 121BGA<br/>In stock: 4811 pcs</p> <p>RFQ</p>                 |
|  <p><b>PK600ST-1</b><br/>Manufacturers: LeCroy (Teledyne LeCroy)<br/>Description: RESISTOR KIT FOR D600ST-SI<br/>In stock: 675 pcs</p> <p>RFQ</p>       |  <p><b>PK600ST-2</b><br/>Manufacturers: LeCroy (Teledyne LeCroy)<br/>Description: RSSTR KT FOR D600ST-QC 56 OHM<br/>In stock: 2121 pcs</p> <p>RFQ</p>   |
|  <p><b>PK60N256VLL100</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 6102 pcs</p> <p>RFQ</p>                |  <p><b>PK60FN1MOV LQ15</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 3065 pcs</p> <p>RFQ</p>                 |
|  <p><b>PK60N512VLL100</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 3806 pcs</p> <p>RFQ</p>                |  <p><b>PK60N256VLQ100</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 2706 pcs</p> <p>RFQ</p>                |
|  <p><b>PK600ST-3</b><br/>Manufacturers: LeCroy (Teledyne LeCroy)<br/>Description: REPLACEMENT PROBE TIP HOLDER KIT<br/>In stock: 700 pcs</p> <p>RFQ</p> |  <p><b>PK600ST-4</b><br/>Manufacturers: LeCroy (Teledyne LeCroy)<br/>Description: REPLACEMENT PLATFORM/CABLE ASSEM<br/>In stock: 594 pcs</p> <p>RFQ</p> |
|  <p><b>PK60N256VMD100</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 256KB FLASH 144BGA<br/>In stock: 3884 pcs</p> <p>RFQ</p>                 |  <p><b>PK60FX512VLQ12</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 7002 pcs</p> <p>RFQ</p>                |