

NXP Semiconductors / Freescale

MK50DX128CLH7

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MK50DX128CLH7                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 128KB FLASH 64LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 9362 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

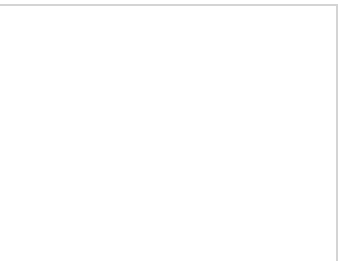
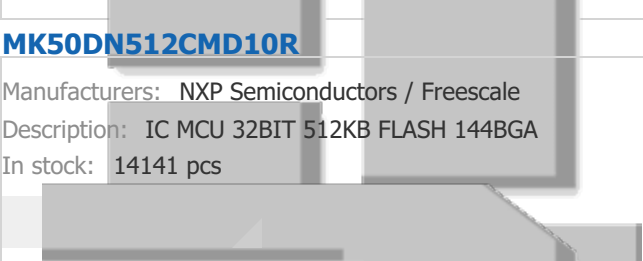
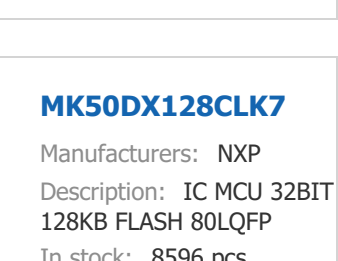
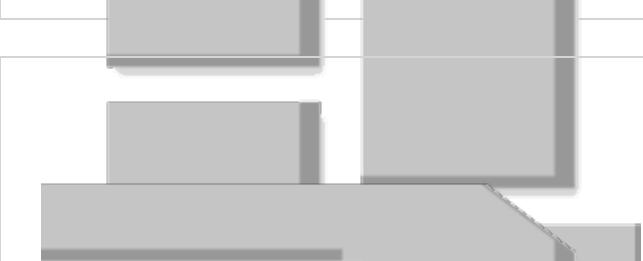
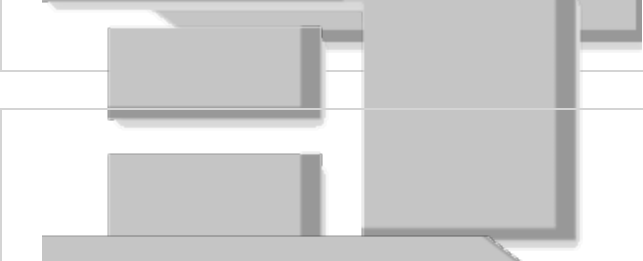
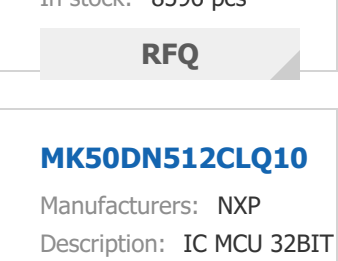
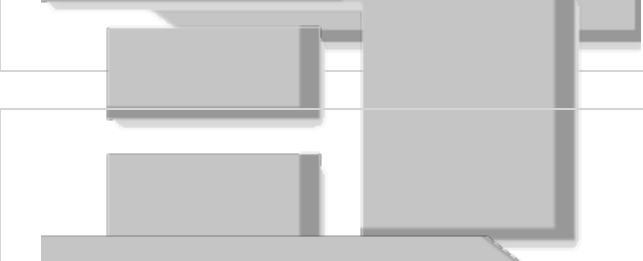
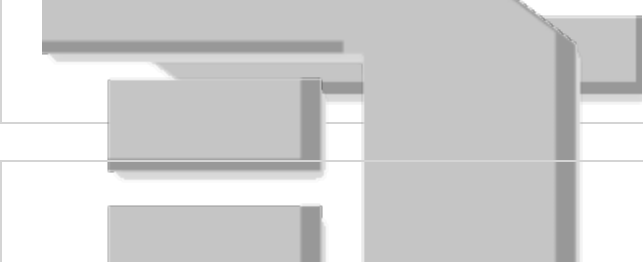
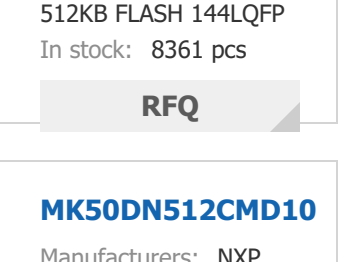
Specifications of MK50DX128CLH7

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MK50DX128CLH7                                                                                      |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 64LQFP                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| QUANTITY AVAILABLE               | 9362 pcs                                                                                           |
| DATA SHEET                       |                                                                                                    |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                    |
| SPEED                            | 72MHz                                                                                              |
| SERIES                           | Kinetis K50                                                                                        |
| RAM SIZE                         | 32K x 8                                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                                              |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                   |
| PERIPHERALS                      | DMA, I²S, LVD, POR, PWM, WDT                                                                       |
| PACKAGING                        | Tray                                                                                               |
| PACKAGE / CASE                   | 64-LQFP                                                                                            |
| OTHER NAMES                      | 935321669557                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                  |
| NUMBER OF I/O                    | 35                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| EEPROM SIZE                      | 2K x 8                                                                                             |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 Kinetis K50 Microcontroller IC 32-Bit 72MHz 128KB (128K x 8) FLASH 64-LQFP (10x10) |
| DATA CONVERTERS                  | A/D 22x16b, D/A 1x12b                                                                              |
| CORE SIZE                        | 32-Bit                                                                                             |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                    |
| CONNECTIVITY                     | EBI/EMI, I²C, IrDA, SPI, UART/USART, USB, USB OTG                                                  |
| BASE PART NUMBER                 | MK50DX128                                                                                          |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MK50DX128CLH7               | MK50DX128CLH7 Distributor        | MK50DX128CLH7 Supplier  |
| MK50DX128CLH7 Price         | MK50DX128CLH7 Pictures           | MK50DX128CLH7 Image     |
| MK50DX128CLH7 PDF Datasheet | MK50DX128CLH7 Download Datasheet | MK50DX128CLH7 Datasheet |
| MK50DX128CLH7 Stock         | Buy MK50DX128CLH7                | Buy MK50DX128CLH7       |
| MK50DX128CLH7               | Supplier                         | Distributor             |

Related Products

|                                                                                                                                                                                                                                      |                                                                                                                                                                                                          |                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>MK50DN512CMD10R</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MCU 32BIT 512KB FLASH 144BGA<br>In stock: 14141 pcs | <br><b>MK50DX128CLK7</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br>In stock: 8596 pcs  | <br><b>MK50DX256CLK7</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 80LQFP<br>In stock: 8773 pcs  |
| <br><b>MK50DN512CLQ10</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br>In stock: 8361 pcs                             | <br><b>MK50DX128CLH7R</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br>In stock: 9271 pcs | <br><b>MK50DX128CLL7</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br>In stock: 9109 pcs |
| <br><b>MK50DN512CMD10</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 144BGA<br>In stock: 6875 pcs                              | <br><b>MK50DX128CMC7</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 121BGA<br>In stock: 8251 pcs  | <br><b>MK50DN512CMC10</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 121BGA<br>In stock: 7730 pcs |
| <br><b>MK50DN512ZCLQ10</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br>In stock: 8275 pcs                            | <br><b>MK50DX256CLK10</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 80LQFP<br>In stock: 8949 pcs |                                                                                                                                                                                                           |