

NXP Semiconductors / Freescale

MK60DN512ZCAB10R

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MK60DN512ZCAB10R                                                                                             |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 512KB FLASH 120CSP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 11028 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

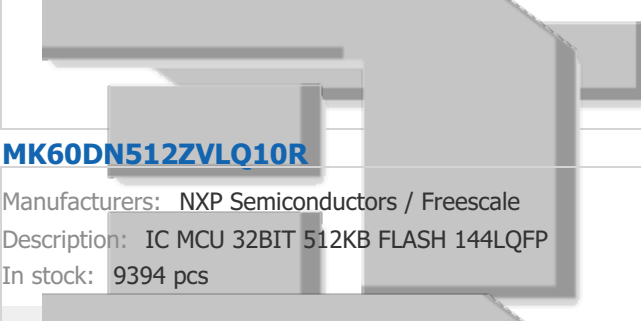
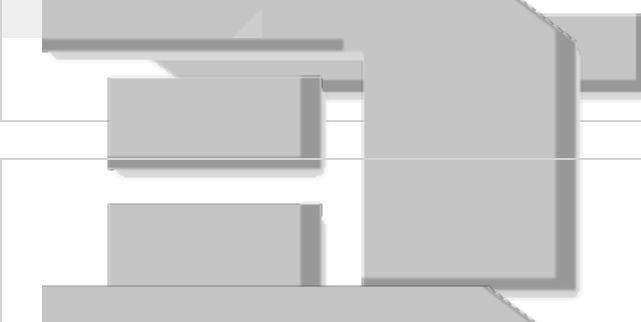
Specifications of MK60DN512ZCAB10R

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MK60DN512ZCAB10R                                                                                          |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                            |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 120CSP                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE               | 11028 pcs                                                                                                 |
| DATA SHEET                       |                                                                                                           |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 120-WLCSP (5.29x5.28)                                                                                     |
| SPEED                            | 100MHz                                                                                                    |
| 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                        | Tape & Reel (TR)                                                                                          |
| PACKAGE / CASE                   | 120-UFBGA, WLCSP                                                                                          |
| OTHER NAMES                      | 935314698051                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| EEPROM SIZE                      | -                                                                                                         |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 Kinetis K60 Microcontroller IC 32-Bit 100MHz 512KB (512K x 8) FLASH 120-WLCSP (5.29x5.28) |
| DATA CONVERTERS                  | A/D 38x16b, 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                 | K60DN512                                                                                                  |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| MK60DN512ZCAB10R               | MK60DN512ZCAB10R Distributor        | MK60DN512ZCAB10R Supplier  |
| MK60DN512ZCAB10R Price         | MK60DN512ZCAB10R Pictures           | MK60DN512ZCAB10R Image     |
| MK60DN512ZCAB10R PDF Datasheet | MK60DN512ZCAB10R Download Datasheet | MK60DN512ZCAB10R Datasheet |
| MK60DN512ZCAB10R Stock         | Buy MK60DN512ZCAB10R                | Buy MK60DN512ZCAB10R       |
| MK60DN512ZCAB10R               | Supplier                            | Distributor                |

Related Products

|                                                                                                                                                                                                                                       |                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>MK60DN512VMD10</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 144BGA<br>In stock: 6505 pcs<br><b>RFQ</b>                 | <br><b>MK60DN512ZVLL10</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br>In stock: 8141 pcs<br><b>RFQ</b>  |
| <br><b>MK60DN512ZAB10R</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 120CSP<br>In stock: 6190 pcs<br><b>RFQ</b>                | <br><b>MK60DN512VMC10</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 121BGA<br>In stock: 8778 pcs<br><b>RFQ</b>    |
| <br><b>MK60DN512VLQ10</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br>In stock: 8148 pcs<br><b>RFQ</b>                | <br><b>MK60DN512ZVLQ10</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br>In stock: 7229 pcs<br><b>RFQ</b>  |
| <br><b>MK60DN512ZVLQ10R</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br>In stock: 9394 pcs | <br><b>MK60DN512VMC10R</b><br>Manufacturers: NXP<br>Description: KINETIS K60: 100MHZ CORTEX-M4 MC<br>In stock: 12530 pcs<br><b>RFQ</b> |
| <br><b>MK60DN512ZVLL10R</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br>In stock: 15062 pcs<br><b>RFQ</b>             | <br><b>MK60DN512ZVMC10</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 121BGA<br>In stock: 10527 pcs<br><b>RFQ</b>  |
| <br><b>MK60DN512ZVMD10</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 144BGA<br>In stock: 6564 pcs<br><b>RFQ</b>                | <br><b>MK60DX256VLL10</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br>In stock: 7475 pcs<br><b>RFQ</b>   |