

NXP Semiconductors / Freescale

MK21DX256AVMC5

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MK21DX256AVMC5                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 256KB FLASH 121BGA                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 9870 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

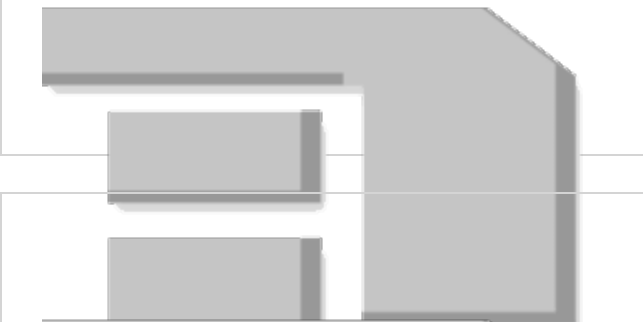
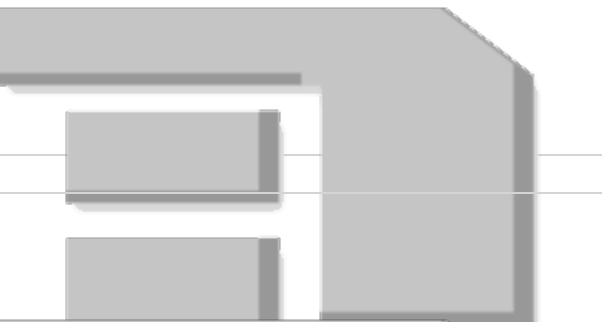
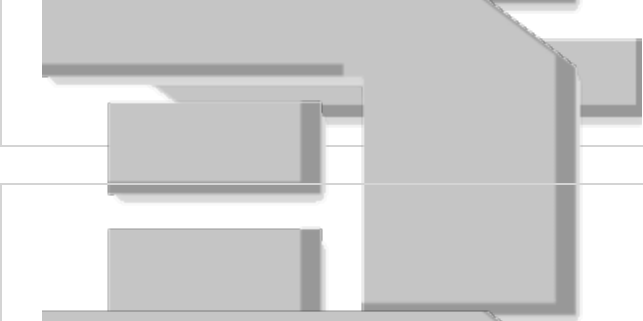
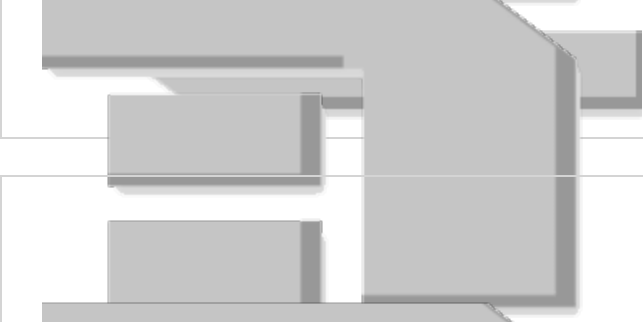
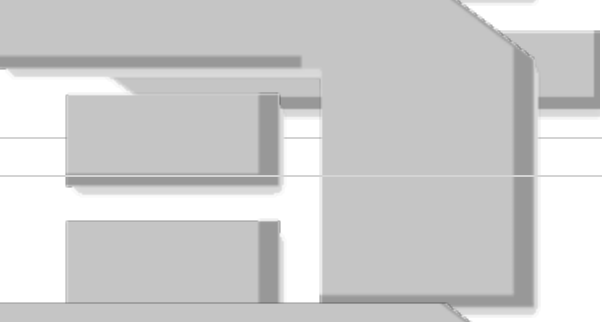
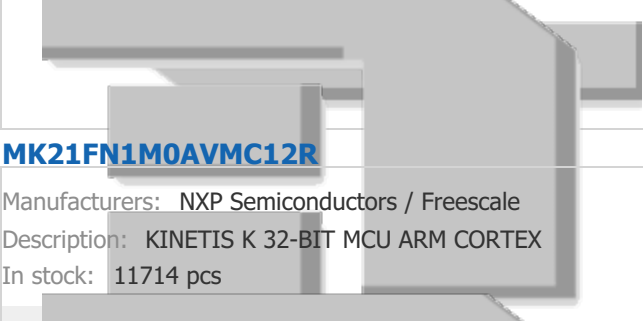
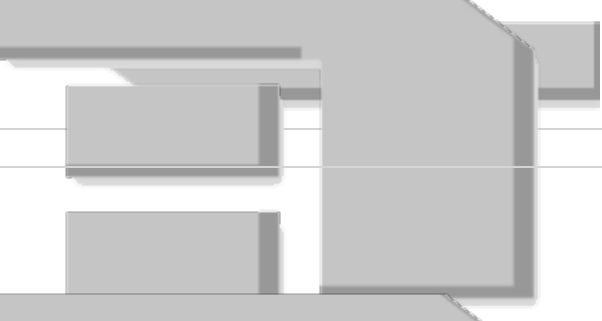
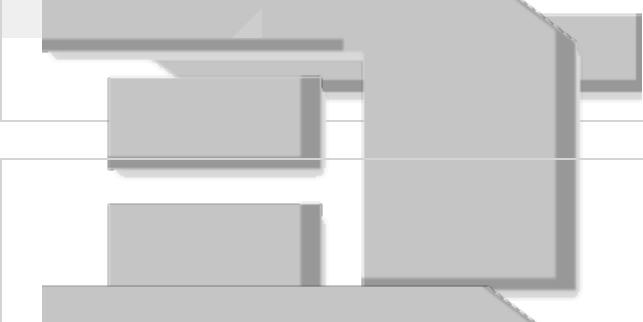
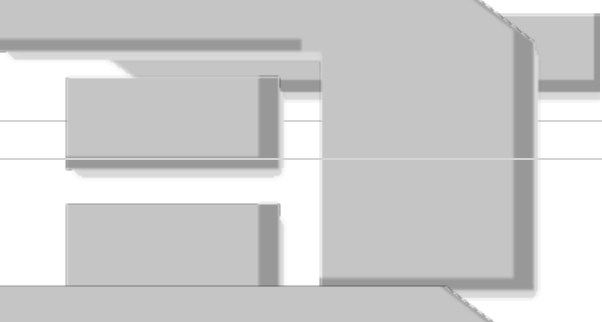
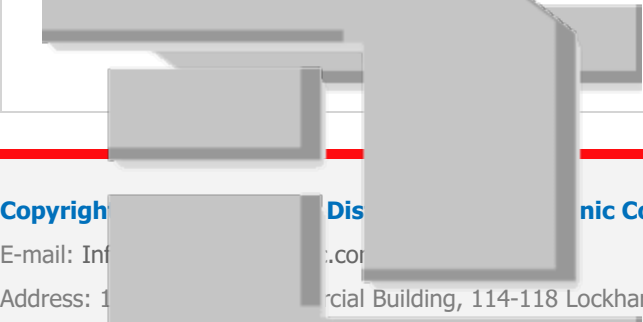
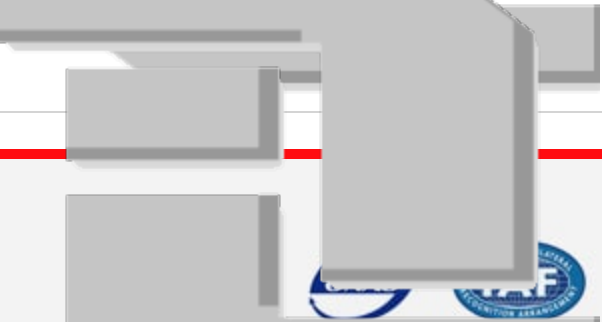
Specifications of MK21DX256AVMC5

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MK21DX256AVMC5                                                                                      |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 121BGA                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| QUANTITY AVAILABLE               | 9870 pcs                                                                                            |
| DATA SHEET                       |                                                                                                     |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 121-MAPBGA (8x8)                                                                                    |
| SPEED                            | 50MHz                                                                                               |
| SERIES                           | Kinetis K20                                                                                         |
| RAM SIZE                         | 32K x 8                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                               |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                    |
| PERIPHERALS                      | DMA, I²S, LVD, POR, PWM, WDT                                                                        |
| PACKAGING                        | Tray                                                                                                |
| PACKAGE / CASE                   | 121-LFBGA                                                                                           |
| OTHER NAMES                      | 935318123557                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                  |
| NUMBER OF I/O                    | 64                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| EEPROM SIZE                      | 4K x 8                                                                                              |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 50MHz 256KB (256K x 8) FLASH 121-MAPBGA (8x8) |
| DATA CONVERTERS                  | A/D 20x16b, D/A 1x12b                                                                               |
| CORE SIZE                        | 32-Bit                                                                                              |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                     |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART, USB, USB OTG                                                            |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| MK21DX256AVMC5               | MK21DX256AVMC5 Distributor        | MK21DX256AVMC5 Supplier  |
| MK21DX256AVMC5 Price         | MK21DX256AVMC5 Pictures           | MK21DX256AVMC5 Image     |
| MK21DX256AVMC5 PDF Datasheet | MK21DX256AVMC5 Download Datasheet | MK21DX256AVMC5 Datasheet |
| MK21DX256AVMC5 Stock         | Buy MK21DX256AVMC5                | Buy MK21DX256AVMC5       |
| MK21DX256AVMC5               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                                 |                                                                                      |                                                                                                                                   |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MK21DX256AVLK5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 80LQFP<br>In stock: 11407 pcs<br><b>RFQ</b>                |  | <b>MK21DX128AVLK5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br>In stock: 10396 pcs<br><b>RFQ</b>  |
|  | <b>MK21DX128VMC5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 121BGA<br>In stock: 3002 pcs<br><b>RFQ</b>                  |  | <b>MK21DX128VLK5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br>In stock: 3996 pcs<br><b>RFQ</b>    |
|  | <b>MK21DX256VLK5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 80LQFP<br>In stock: 4120 pcs<br><b>RFQ</b>                  |  | <b>MK21DN512VMC5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 121BGA<br>In stock: 4519 pcs<br><b>RFQ</b>    |
|  | <b>MK21FN1M0AVMC12R</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: KINETIS K 32-BIT MCU ARM CORTEX<br>In stock: 11714 pcs |  | <b>MK21FN1M0AVLQ12</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br>In stock: 6991 pcs<br><b>RFQ</b>   |
|  | <b>MK21DX128AVMC5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 121BGA<br>In stock: 10421 pcs<br><b>RFQ</b>                |  | <b>MK21DX256AVMC5R</b><br>Manufacturers: NXP<br>Description: KINETIS K 32-BIT MCU ARM CORTEX<br>In stock: 19986 pcs<br><b>RFQ</b> |
|  | <b>MK21DX256VMC5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 121BGA<br>In stock: 3881 pcs<br><b>RFQ</b>                  |  | <b>MK21DX256AVMC5R</b><br>Manufacturers: NXP<br>Description: KINETIS K 32-BIT MCU ARM CORTEX<br>In stock: 19986 pcs<br><b>RFQ</b> |

