

NXP Semiconductors / Freescale

MK12DX128VLK5

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MK12DX128VLK5                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 128KB FLASH 80LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 12384 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

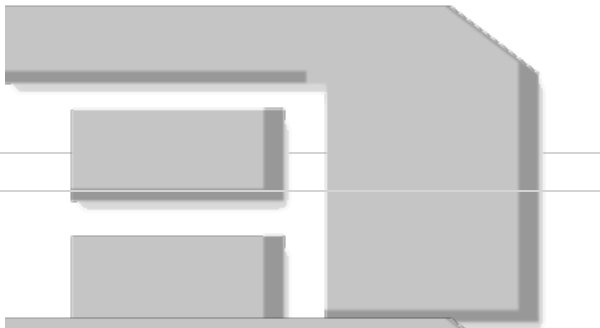
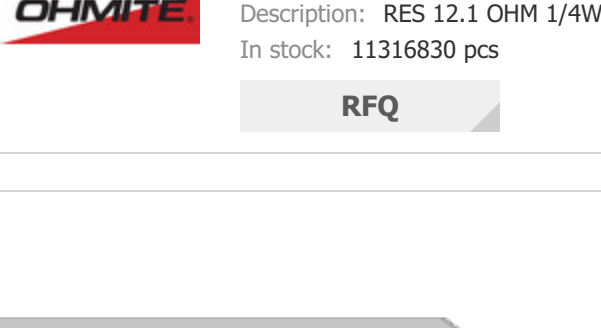
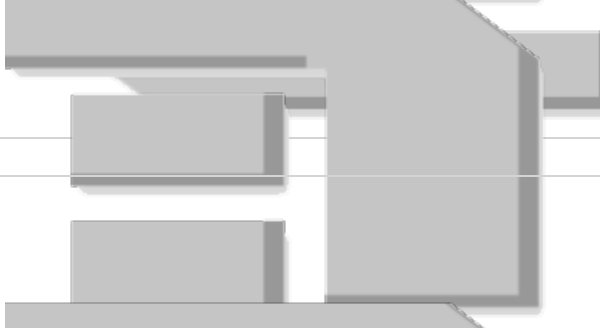
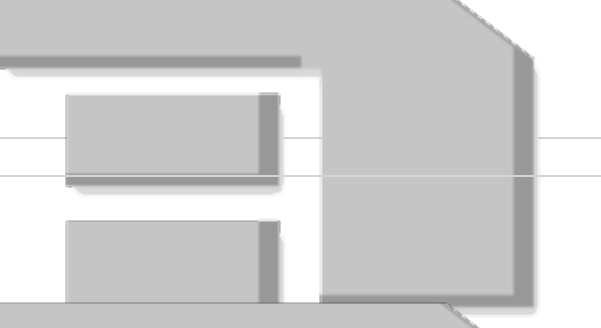
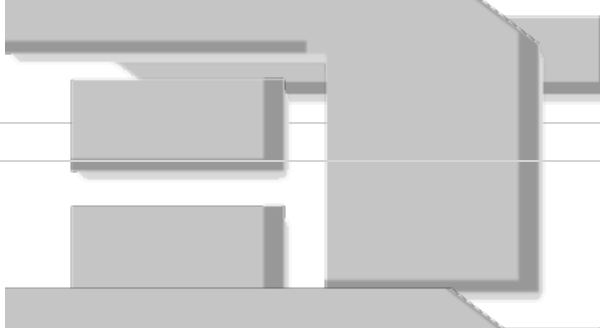
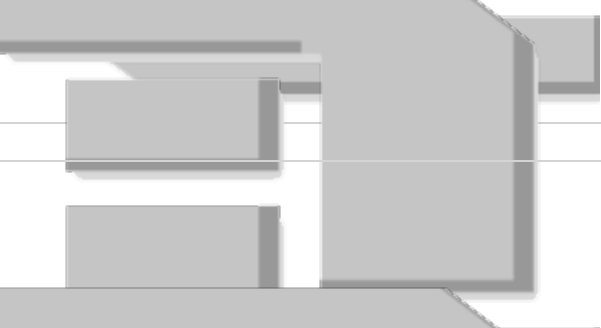
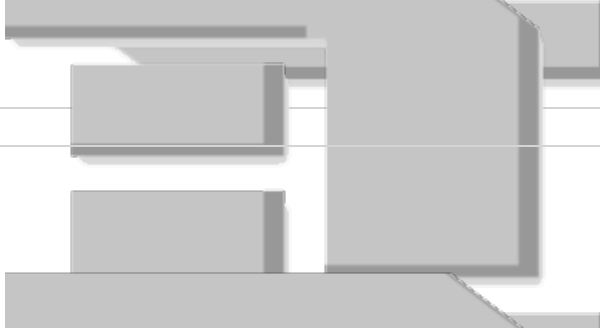
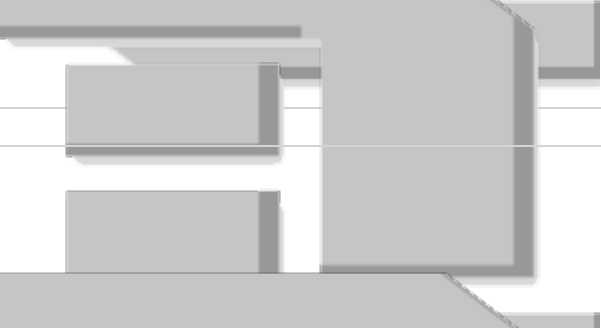
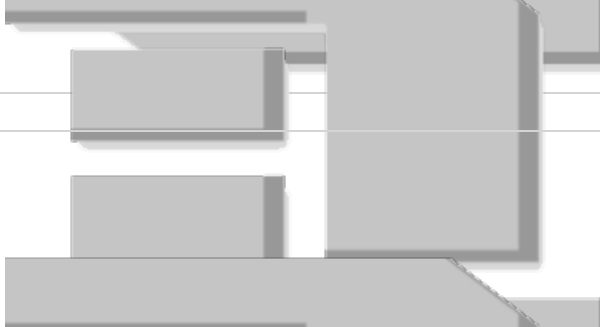
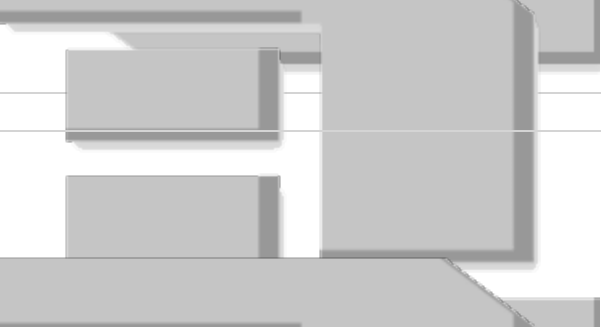
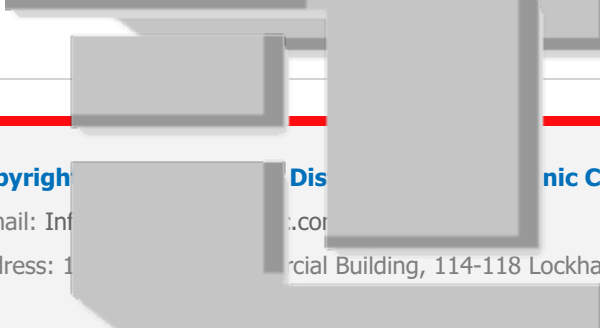
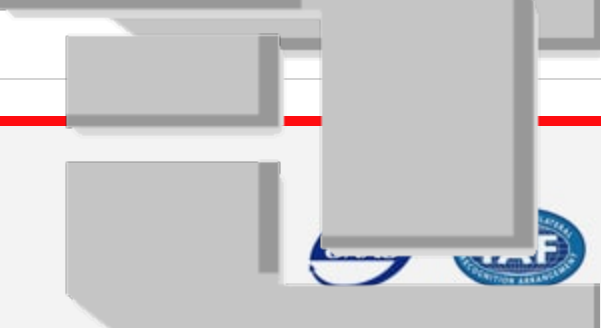
Specifications of MK12DX128VLK5

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MK12DX128VLK5                                                                                      |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 80LQFP                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| QUANTITY AVAILABLE               | 12384 pcs                                                                                          |
| DATA SHEET                       |                                                                                                    |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 80-LQFP (12x12)                                                                                    |
| SPEED                            | 50MHz                                                                                              |
| SERIES                           | Kinetis K10                                                                                        |
| 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                   | 80-LQFP                                                                                            |
| OTHER NAMES                      | 935321789557                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                 |
| NUMBER OF I/O                    | 60                                                                                                 |
| 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 K10 Microcontroller IC 32-Bit 50MHz 128KB (128K x 8) FLASH 80-LQFP (12x12) |
| DATA CONVERTERS                  | A/D 24x16b, D/A 1x12b                                                                              |
| CORE SIZE                        | 32-Bit                                                                                             |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                    |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART                                                                         |
| BASE PART NUMBER                 | MK12DX128                                                                                          |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MK12DX128VLK5               | MK12DX128VLK5 Distributor        | MK12DX128VLK5 Supplier  |
| MK12DX128VLK5 Price         | MK12DX128VLK5 Pictures           | MK12DX128VLK5 Image     |
| MK12DX128VLK5 PDF Datasheet | MK12DX128VLK5 Download Datasheet | MK12DX128VLK5 Datasheet |
| MK12DX128VLK5 Stock         | Buy MK12DX128VLK5                | Buy MK12DX128VLK5       |
| MK12DX128VLK5               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                     |                                                                                      |                                                                                                                                  |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MK12DN512VMC5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 121BGA<br>In stock: 10739 pcs<br><b>RFQ</b>     |  | <b>MK12R1FE-R52</b><br>Manufacturers: Ohmite<br>Description: RES 12.1 OHM 1/4W 1% AXIAL<br>In stock: 11316830 pcs<br><b>RFQ</b>  |
|  | <b>MK12DX128VMC5</b><br>Manufacturers: NXP USA<br>Description: IC MCU 32BIT 128KB FLASH 121BGA<br>In stock: 15169 pcs<br><b>RFQ</b> |  | <b>MK12DX128VLH5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br>In stock: 16340 pcs<br><b>RFQ</b>  |
|  | <b>MK12DX256VLF5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 48LQFP<br>In stock: 15061 pcs<br><b>RFQ</b>     |  | <b>MK12DN512VLH5R</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 64LQFP<br>In stock: 17346 pcs<br><b>RFQ</b> |
|  | <b>MK12DX256VLK5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 80LQFP<br>In stock: 14305 pcs<br><b>RFQ</b>     |  | <b>MK12DN512VLK5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 80LQFP<br>In stock: 12440 pcs<br><b>RFQ</b>  |
|  | <b>MK12DX256VMC5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 121BGA<br>In stock: 13124 pcs<br><b>RFQ</b>     |  | <b>MK12DX256VLH5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br>In stock: 13821 pcs<br><b>RFQ</b>  |
|  | <b>MK12DX128VLF5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br>In stock: 12997 pcs<br><b>RFQ</b>     |  | <b>MK12DN512VLK5R</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 80LQFP<br>In stock: 21037 pcs<br><b>RFQ</b> |