

NXP Semiconductors / Freescale



MK10DX128ZVMD10

Part Number:	MK10DX128ZVMD10
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 128KB FLASH 144BGA
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Stock Condition	14652 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

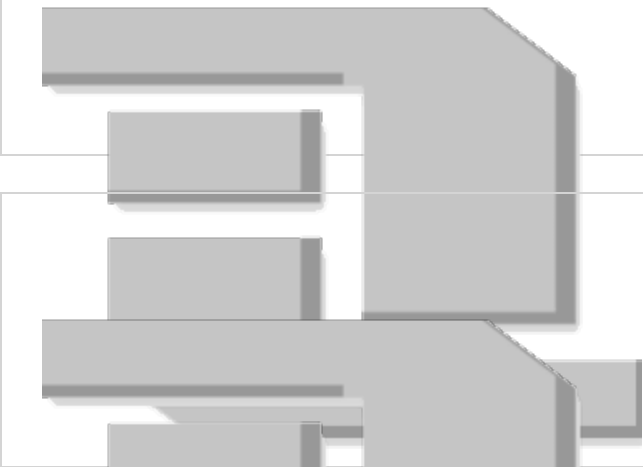
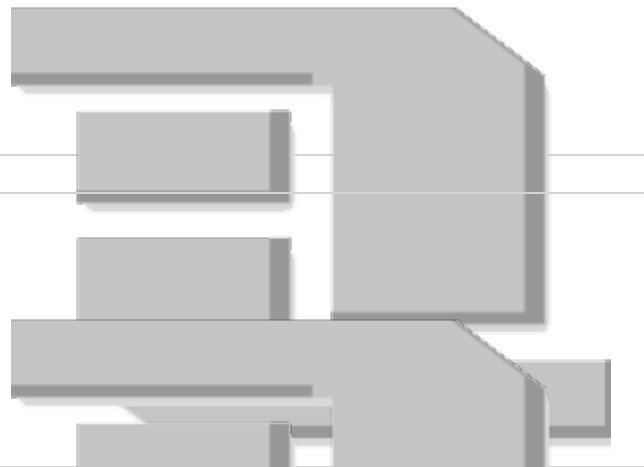
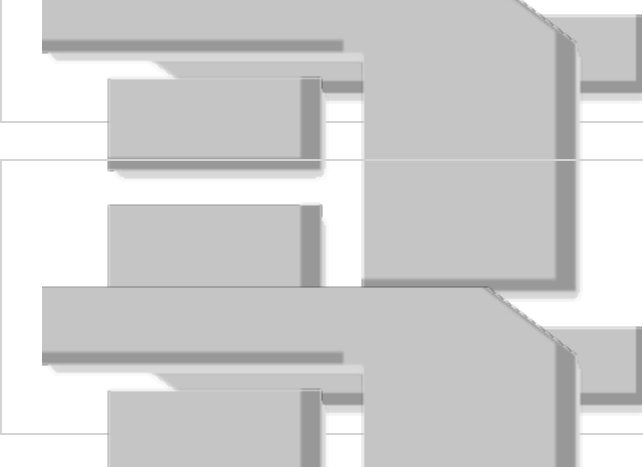
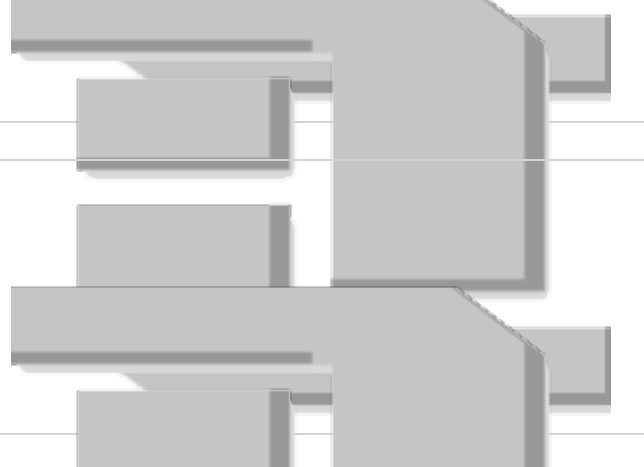
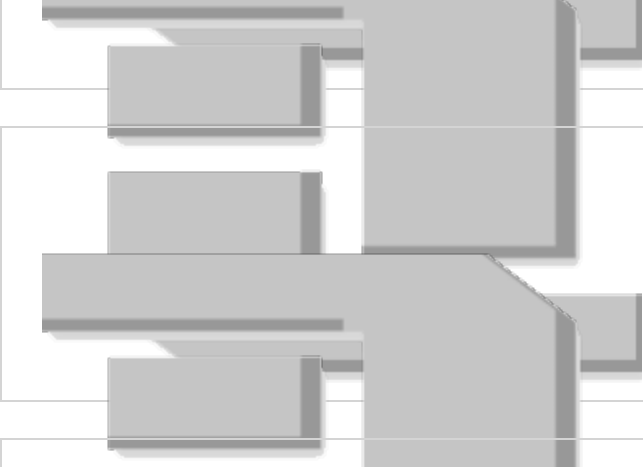
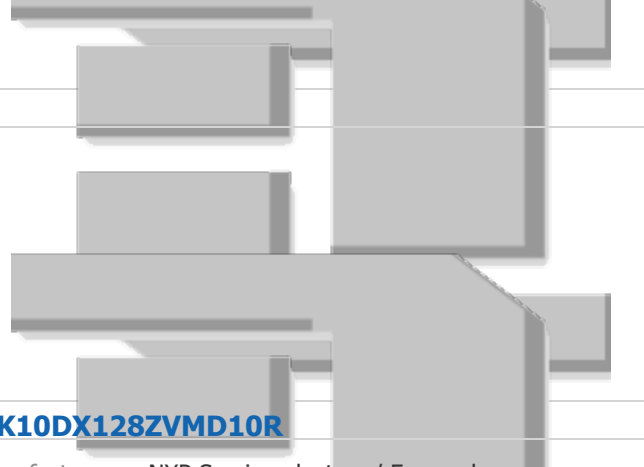
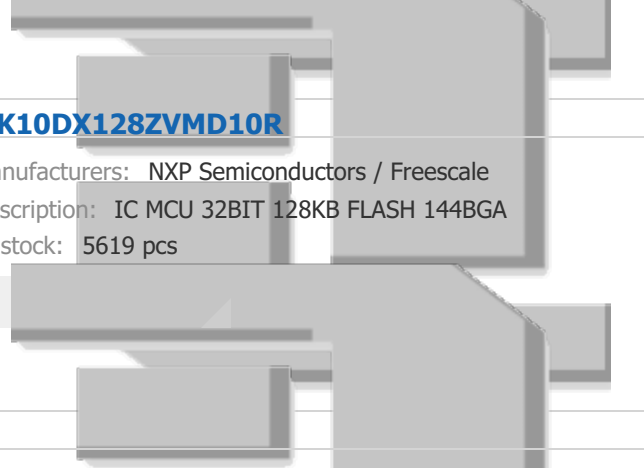
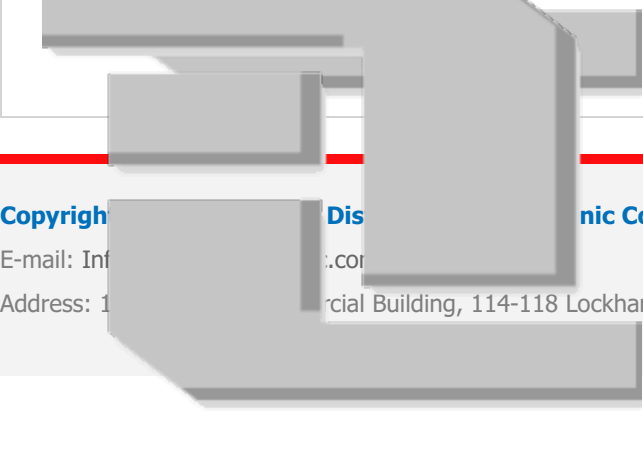
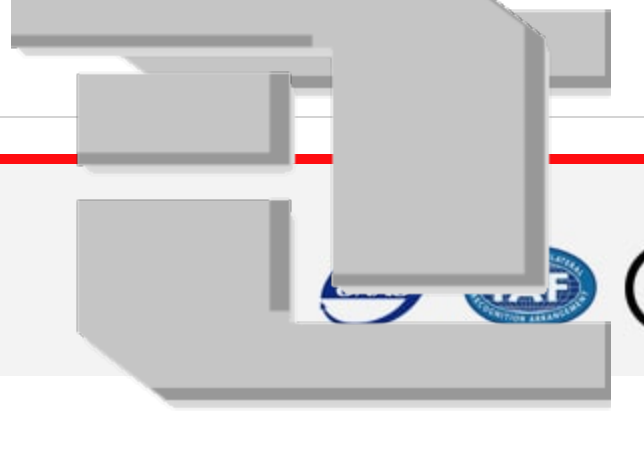
Specifications of MK10DX128ZVMD10

PART NUMBER	MK10DX128ZVMD10
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 128KB FLASH 144BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	14652 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-MAPBGA (13x13)
SPEED	100MHz
SERIES	Kinetis K10
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	104
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 100MHz 128KB (128K x 8) FLASH 144-MAPBGA (13x13)
DATA CONVERTERS	A/D 46x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, I²C, IrDA, SD, SPI, UART/USART
BASE PART NUMBER	MK10DX128

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	MK10DX256VLK7 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 80LQFP In stock: 11473 pcs RFQ		MK10DX128VMB7 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 81BGA In stock: 3657 pcs RFQ
	MK10DX128VMP5 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 64BGA In stock: 15971 pcs RFQ		MK10DX128VMC7 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 121BGA In stock: 11493 pcs RFQ
	MK10DX256VLH7R Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 11395 pcs RFQ		MK10DX128VMD10 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 144BGA In stock: 11023 pcs RFQ
	MK10DX256VLL7 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 10131 pcs RFQ		MK10DX128ZVMD10R Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 128KB FLASH 144BGA In stock: 5619 pcs
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	MK10DX256VLK7R Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 80LQFP In stock: 19419 pcs RFQ		MK10DX128VLQ10 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 144LQFP In stock: 10086 pcs RFQ

