

NXP Semiconductors / Freescale

MK10DX64VMP5

Part Number:	MK10DX64VMP5
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 64KB FLASH 64MAPBGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	14447 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

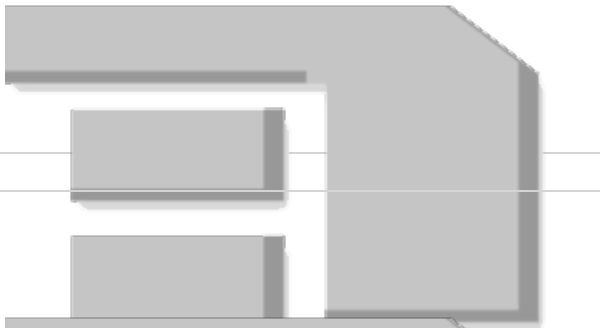
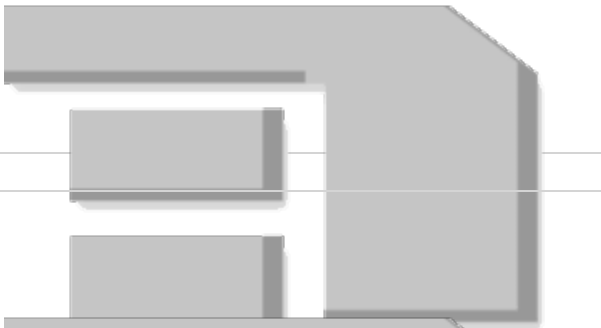
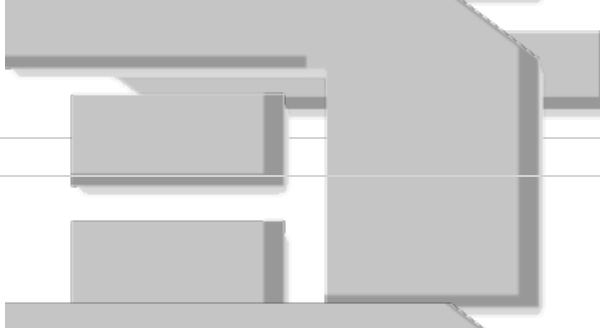
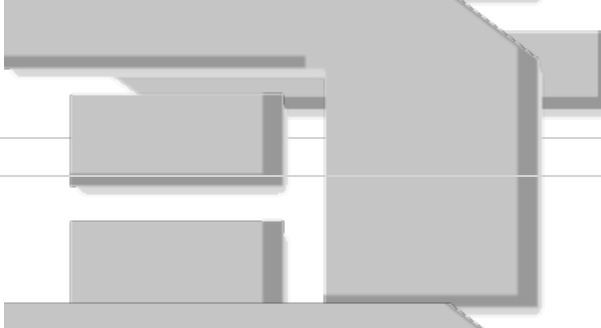
Specifications of MK10DX64VMP5

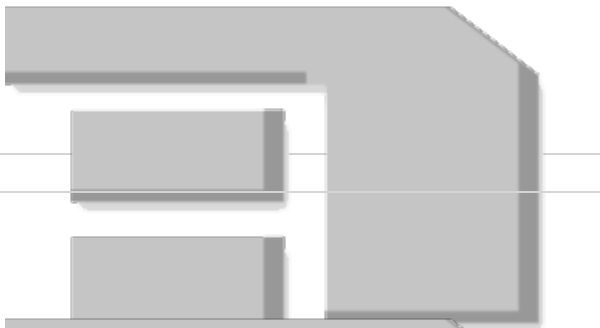
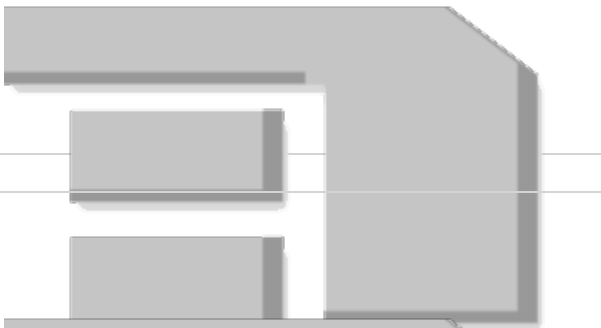
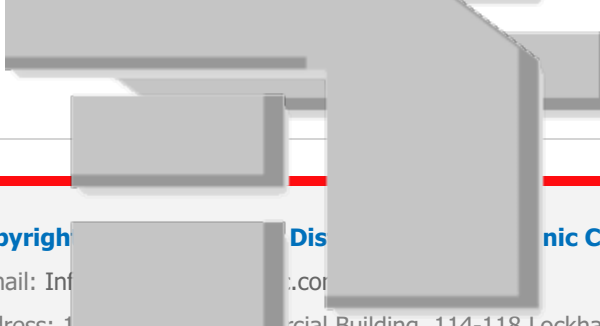
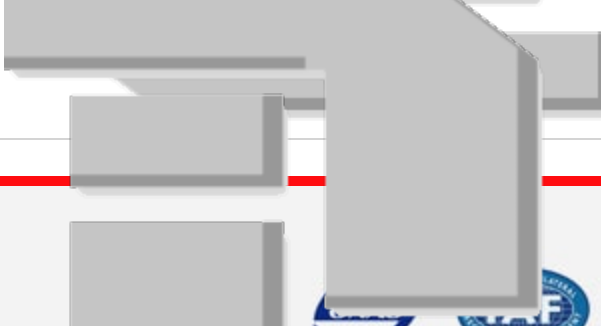
PART NUMBER	MK10DX64VMP5
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 64KB FLASH 64MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	14447 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-MAPBGA (5x5)
SPEED	50MHz
SERIES	Kinetis K10
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-LFBGA
OTHER NAMES	935317635557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	44
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 K10 Microcontroller IC 32-Bit 50MHz 64KB (64K x 8) FLASH 64-MAPBGA (5x5)
DATA CONVERTERS	A/D 19x16b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I²C, IrDA, SPI, UART/USART
BASE PART NUMBER	MK10DX64

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	MK10DX64VLH5 Manufacturers: NXP Description: IC MCU 32BIT 64KB FLASH 64LQFP In stock: 19127 pcs RFQ		MK10DX64VLK7R Manufacturers: NXP Description: IC MCU 32BIT 64KB FLASH 80LQFP In stock: 30181 pcs RFQ
	MK10DX64VLK7 Manufacturers: NXP Description: IC MCU 32BIT 64KB FLASH 80LQFP In stock: 15205 pcs RFQ		MK10DX64VLH7 Manufacturers: NXP Description: IC MCU 32BIT 64KB FLASH 64LQFP In stock: 14320 pcs RFQ
	MK10DX64VMC7 Manufacturers: NXP Description: IC MCU 32BIT 64KB FLASH 121BGA In stock: 19129 pcs RFQ		MK10FN1M0VLQ12 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 6184 pcs RFQ
	MK11-1A66B-500W Manufacturers: Standex-Meder Electronics Description: SENSOR REED SWITCH SPST-NO CABLE In stock: 13770 pcs RFQ		MK10R0FE-R52 Manufacturers: Ohmite Description: RES 10 OHM 1/4W 1% AXIAL In stock: 9785016 pcs RFQ

	MK10DX64VMB7 Manufacturers: NXP Description: IC MCU 32BIT 64KB FLASH 121BGA In stock: 4939 pcs RFQ		MK10FN1M0VMD12 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144MAPBGA In stock: 8061 pcs RFQ
	MK10FX512VMD12 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 6518 pcs RFQ		MK10FX512VLQ12 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 8145 pcs RFQ