

NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MK40DX256VMC7

Part Number:	MK40DX256VMC7
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 256KB FLASH 121BGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	10514 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

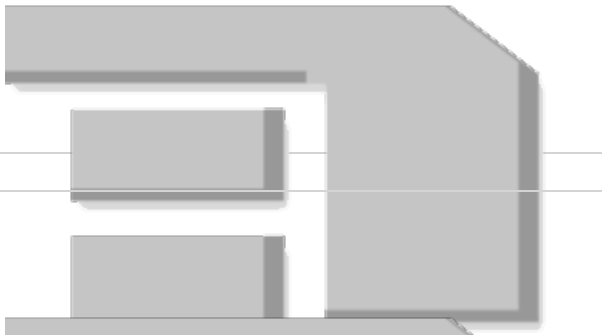
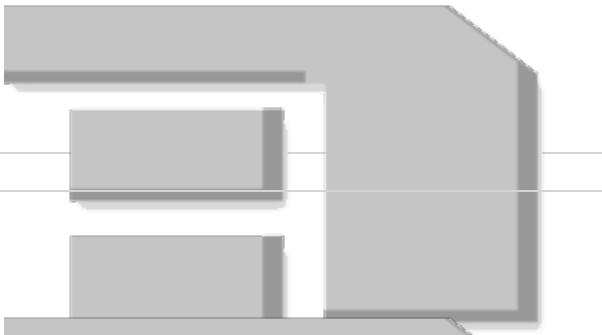
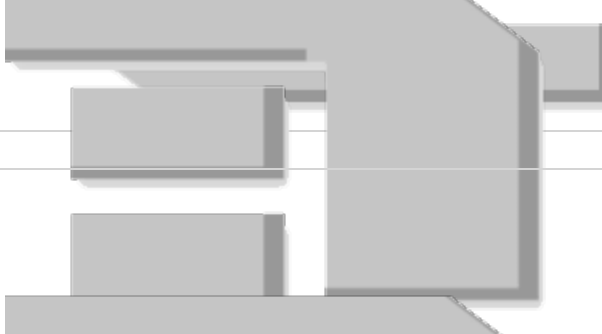
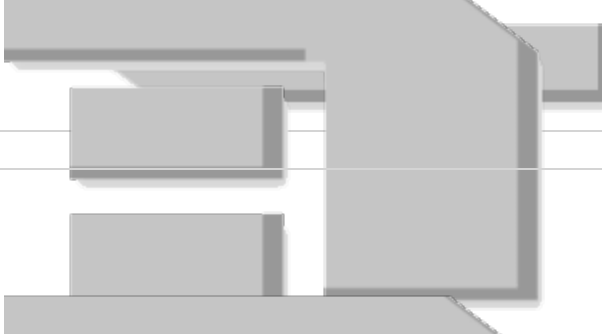
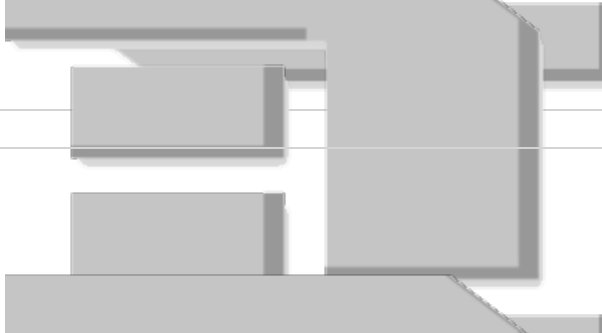
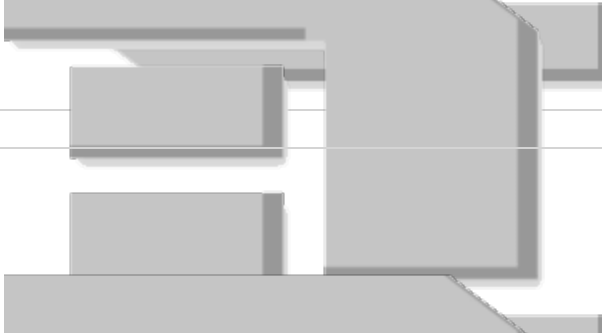
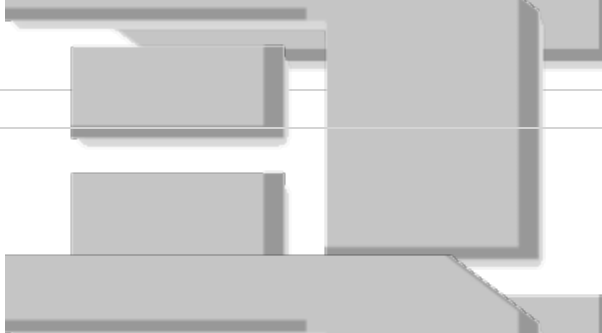
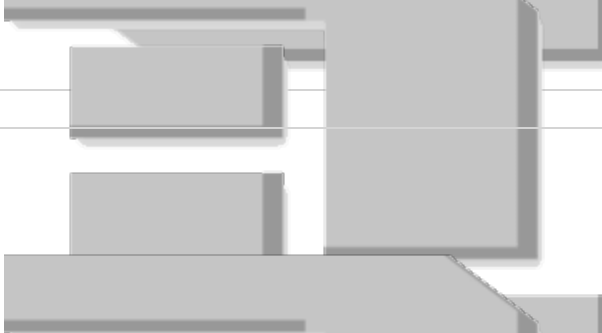
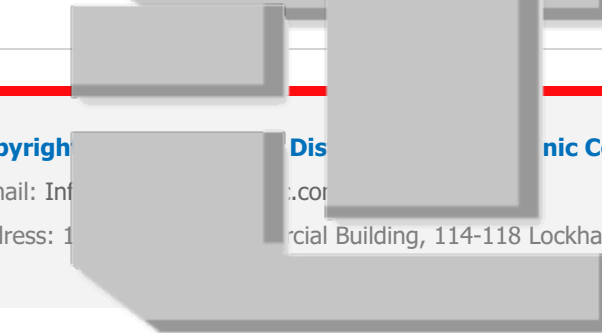
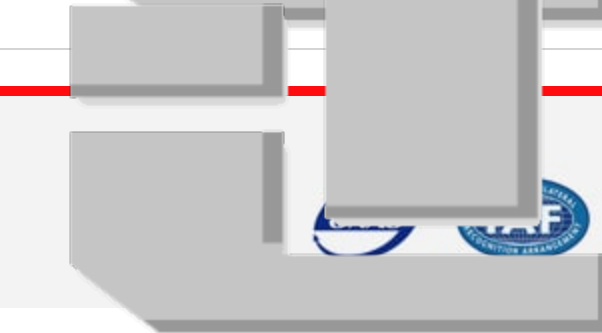
Specifications of MK40DX256VMC7

PART NUMBER	MK40DX256VMC7
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 256KB FLASH 121BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	10514 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	121-MAPBGA (8x8)
SPEED	72MHz
SERIES	Kinetis K40
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	DMA, I²S, LCD, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	121-LFBGA
OTHER NAMES	935314814557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	74
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 K40 Microcontroller IC 32-Bit 72MHz 256KB (256K x 8) FLASH 121-MAPBGA (8x8)
DATA CONVERTERS	A/D 34x16b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, I²C, IrDA, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	MK40DX256

Related Tags

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	MK40DX128ZVLQ10 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 144LQFP In stock: 10191 pcs 		MK40DX256VML7 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 104BGA In stock: 6403 pcs 
	MK40DX256ZVLQ10 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144LQFP In stock: 10129 pcs 		MK40DX256VLH7 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 10771 pcs 
	MK40DX256VLK7 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 80LQFP In stock: 10184 pcs 		MK40DX256VLQ10 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144LQFP In stock: 9221 pcs 
	MK40DX128VMD10 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 144BGA In stock: 7151 pcs 		MK40DX256VLL7 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 10445 pcs 
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