

NXP Semiconductors / Freescale

MK50DX256CMD10

Part Number:	MK50DX256CMD10
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 256KB FLASH 144BGA
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Stock Condition	8788 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

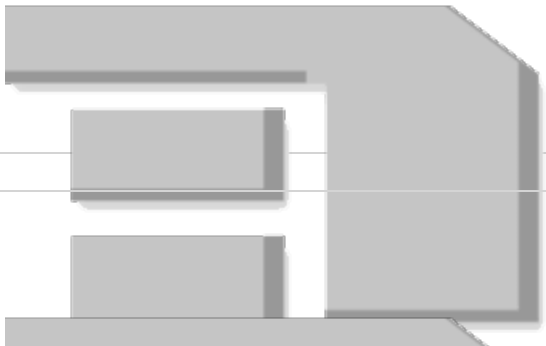
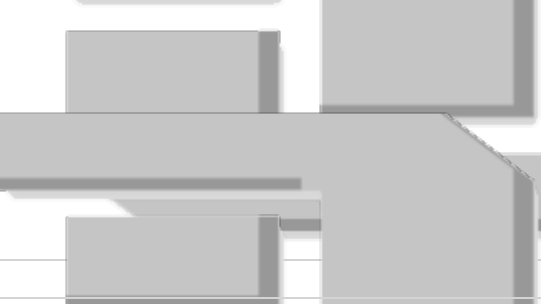
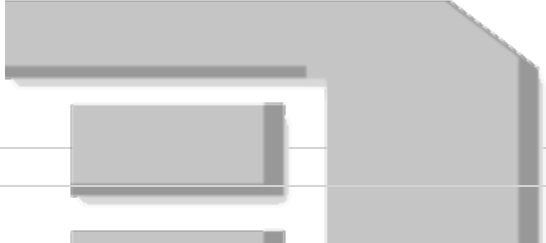
Specifications of MK50DX256CMD10

PART NUMBER	MK50DX256CMD10
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 256KB FLASH 144BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	8788 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-MAPBGA (13x13)
SPEED	100MHz
SERIES	Kinetis K50
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LBGA
OTHER NAMES	935315017557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	96
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 K50 Microcontroller IC 32-Bit 100MHz 256KB (256K x 8) FLASH 144-MAPBGA (13x13)
DATA CONVERTERS	A/D 41x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	EBI/EMI, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	MK50DX256

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Related Products

	MK50DX256ZCLQ10 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144LQFP In stock: 7681 pcs RFQ		MK5110FE-R52 Manufacturers: Ohmite Description: RES 511 OHM 1/4W 1% AXIAL In stock: 10730076 pcs RFQ
	MK50DX256CLL10 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 9517 pcs RFQ		MK50DX256ZCLL10 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 11783 pcs RFQ
	MK50H27Q33B Manufacturers: STMicroelectronics Description: IC CTRLR SYSTEM7 33MHZ 52-PLCC In stock: 951 pcs RFQ		MK50DX256CMC10 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 121BGA In stock: 7731 pcs RFQ
	MK50H27TQ33B Manufacturers: STMicroelectronics Description: IC CTRLR SYSTEM7 33MHZ 52-PLCC In stock: 909 pcs RFQ		MK50DX256CLK10 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 80LQFP In stock: 8949 pcs RFQ
	MK50DX256CLL7 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 8182 pcs RFQ		MK5111FE-R52 Manufacturers: Ohmite Description: RES 5.11K OHM 1/4W 1% AXIAL In stock: 10965581 pcs RFQ
	MK50DX256CMC7 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 121BGA In stock: 7700 pcs RFQ		MK50DX256CLK7 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 80LQFP In stock: 8773 pcs RFQ