



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MK50DX256ZCLQ10

Part Number:	MK50DX256ZCLQ10
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 256KB FLASH 144LQFP
	1.MK50DX256ZCLQ10.pdf
	2.MK50DX256ZCLQ10.pdf
	3.MK50DX256ZCLQ10.pdf
	4.MK50DX256ZCLQ10.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

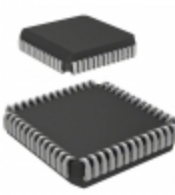
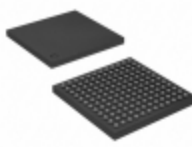
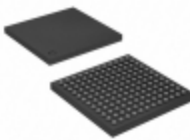
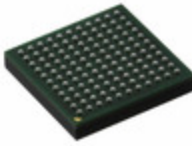
Specifications of MK50DX256ZCLQ10

PART NUMBER	MK50DX256ZCLQ10
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 256KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MK50DX256ZCLQ10.pdf 2.MK50DX256ZCLQ10.pdf 3.MK50DX256ZCLQ10.pdf 4.MK50DX256ZCLQ10.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	100MHz
SERIES	Kinetis K50
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	DMA, I ² S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OTHER NAMES	935317622557
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-LQFP (20x20)
DATA CONVERTERS	A/D 41x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	EBI/EMI, I ² C, IrDA, SD, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	MK50DX256

Related Tags

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Related Products

 MK5111FE-R52 Manufacturers: Ohmite Description: RES 5.11K OHM 1/4W 1% AXIAL In stock: Out stock RFQ	 MK50DX256ZCLL10 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: Out stock RFQ
 MK5110FE-R52 Manufacturers: Ohmite Description: RES 511 OHM 1/4W 1% AXIAL In stock: Out stock RFQ	 MK50H27TQ33B Manufacturers: STMicroelectronics Description: IC CTRLR SYSTEM7 33MHZ 52-PLCC In stock: Out stock RFQ
 MK50DX256CMD10 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 144BGA In stock: 160 pcs RFQ	 MK50DX256CMC7 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 121BGA In stock: 323 pcs RFQ
 MK5112FE-R52 Manufacturers: Ohmite Description: RES 51.1K OHM 1/4W 1% AXIAL In stock: Out stock RFQ	 MK51DN256CMD10 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 144BGA In stock: 160 pcs RFQ
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