

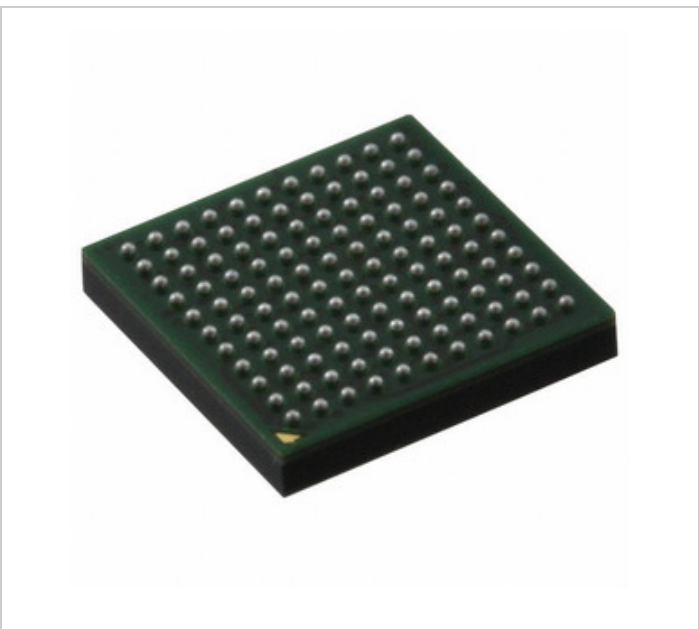


Image may be representation. See specifications for product details.

MK51DX256CMC10

Part Number:	MK51DX256CMC10
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 256KB FLASH 121BGA
Datasheets:	 1.MK51DX256CMC10.pdf
	 2.MK51DX256CMC10.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MK51DX256CMC10

PART NUMBER	MK51DX256CMC10
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 256KB FLASH 121BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.MK51DX256CMC10.pdf  2.MK51DX256CMC10.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	121-MAPBGA (8x8)
SPEED	100MHz
SERIES	Kinetis K50
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	935311394557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	78
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	13 Weeks
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 121-MAPBGA (8x8)
DATA CONVERTERS	A/D 37x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I²C, IrDA, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	MK51DX256

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Related Products

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 MK51DX256CLK7 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 80LQFP In stock: 96 pcs RFQ	 MK51DX256CLK10 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 80LQFP In stock: 96 pcs RFQ
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