



NXP Semiconductors / Freescale

MK51DX256ZCMC10

Part Number:	MK51DX256ZCMC10
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MCU 32BIT 256KB FLASH 121BGA PDF 1.MK51DX256ZCMC10.pdf PDF 2.MK51DX256ZCMC10.pdf PDF 3.MK51DX256ZCMC10.pdf PDF 4.MK51DX256ZCMC10.pdf
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

Specifications of MK51DX256ZCMC10

PART NUMBER	MK51DX256ZCMC10
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 256KB FLASH 121BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.MK51DX256ZCMC10.pdf PDF 2.MK51DX256ZCMC10.pdf PDF 3.MK51DX256ZCMC10.pdf PDF 4.MK51DX256ZCMC10.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, I ² S, LCD, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	121-LFBGA
OTHER NAMES	935324654557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	78
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 121-MAPBGA (8x8)
DATA CONVERTERS	A/D 37x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I ² C, IrDA, SD, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	MK51DX256

Related Tags

NXP Semiconductors / Freescale MK51DX256ZCMC10	MK51DX256ZCMC10 Distributor	MK51DX256ZCMC10 Supplier
MK51DX256ZCMC10 Price	MK51DX256ZCMC10 Pictures	MK51DX256ZCMC10 Image
MK51DX256ZCMC10 PDF Datasheet	MK51DX256ZCMC10 Download Datasheet	MK51DX256ZCMC10 Datasheet
MK51DX256ZCMC10 Stock	Buy MK51DX256ZCMC10	Buy NXP Semiconductors / Freescale MK51DX256ZCMC10
NXP Semiconductors / Freescale MK51DX256ZCMC10	NXP Semiconductors / Freescale Supplier	NXP Semiconductors / Freescale Distributor
NXP Semiconductors / Freescale MK51DX256ZCMC10	NXP Semiconductors MK51DX256ZCMC10	Freescale MK51DX256ZCMC10
Freescale Semiconductor - NXP MK51DX256ZCMC10	NXP USA Inc. MK51DX256ZCMC10	

Related Products

<p>MK51R1FE-R52 Manufacturers: Ohmite Description: RES 51.1 OHM 1/4W 1% AXIAL In stock: Out stock RFQ</p>	<p>MK51DX256CML7 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 104BGA In stock: Out stock RFQ</p>
<p>MK51DX256ZCMC10 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 121BGA In stock: Out stock RFQ</p>	<p>MK51DX256ZCLL10 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: Out stock RFQ</p>
<p>MK52DN512ZCMD10 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: Out stock RFQ</p>	<p>MK53DN512CLQ10 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 345 pcs RFQ</p>
<p>MK51DX256ZCMC7 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 121BGA In stock: 348 pcs RFQ</p>	<p>MK51DX256ZCLL7 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 90 pcs RFQ</p>
<p>MK52DN512CLQ10 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 120 pcs RFQ</p>	<p>MK52DN512ZCLQ10 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: Out stock RFQ</p>
<p>MK51DX256ZCMB10 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 81BGA In stock: Out stock RFQ</p>	<p>MK52DN512CMD10 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 160 pcs RFQ</p>

