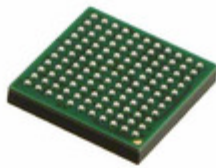


MK11DX256VMC5



Part Number: [MK11DX256VMC5](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 256KB FLASH 121BGA

Data sheet: [PDF K11_MC5 Ref Manual](#)
[PDF K11_MC5 Datasheet](#)
[PDF K10 Family Fact Sheet](#)
[PDF 1N89E Mask Errata](#)

RoHs Status: Contains lead / RoHS non-compliant

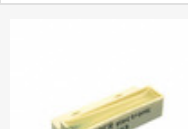
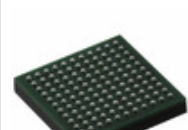
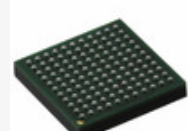
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MK11DX256VMC5	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 256KB FLASH 121BGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4445 pcs	Data sheet	K11_MC5 Ref Manual K11_MC5 Datasheet K10 Family Fact Sheet 1N89E Mask Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	121-MAPBGA (8x8)	Speed	50MHz
Series	Kinetis K10	RAM Size	32K 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	121-LFBGA	Other Names	935319982557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	64	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	EEPROM Size	4K x 8
Detailed Description	ARM® Cortex®-M4 Kinetis K10 Microcontroller IC 32-Bit 50MHz 256KB (256K x 8) FLASH 121-MAPBGA (8x8)	Data Converters	A/D 24x16b, D/A 1x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	I ² C, IrDA, SPI, UART/USART	Base Part Number	MK11DX256
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	Part#: MK12-1A66C-500W Description: SENSOR REED SWITCH SPST-NO CABLE	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK11R3FE-R52 Description: RES 11.3 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK1210FE-R52 Description: RES 121 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK1212FE-R52 Description: RES 12.1K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK11DX128AVLK5 Description: IC MCU 32BIT 128KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK11DN512VMC5 Description: IC MCU 32BIT 512KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK1211FE-R52 Description: RES 1.21K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK11DN512VLK5 Description: IC MCU 32BIT 512KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK11DX128VLK5 Description: IC MCU 32BIT 128KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK12-1A66B-500W Description: SENSOR REED SWITCH SPST-NO CABLE	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK11R5FE-R52 Description: RES 11.5 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK11DX128VMC5 Description: IC MCU 32BIT 128KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK1240FE-R52 Description: RES 124 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK1213FE-R52 Description: RES 121K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
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