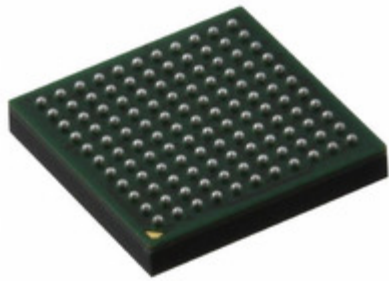


MK21DX256AVMC5



Part Number: [MK21DX256AVMC5](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 256KB FLASH 121BGA

Data sheet:  [K21_LK5 Datasheet](#)

RoHs Status: Lead free / RoHS 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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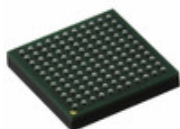
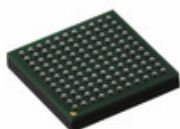
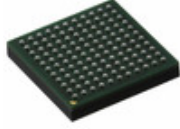
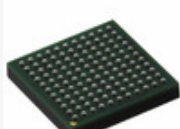
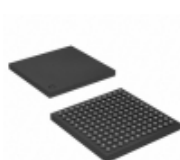
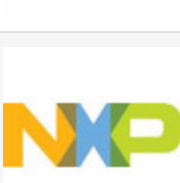
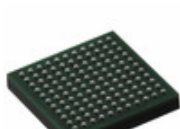
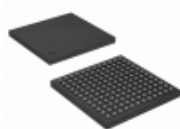
Request For Quotation

PRODUCT PARAMETER	
Part Number	MK21DX256AVMC5
Description	IC MCU 32BIT 256KB FLASH 121BGA
Quantity Available	14501 pcs
Category	Integrated Circuits (ICs)
Supplier Device Package	121-MAPBGA (8x8)
Series	Kinetis K20
Program Memory Type	FLASH
Peripherals	DMA, I ² S, LVD, POR, PWM, WDT
Package / Case	121-LFBGA
Oscillator Type	Internal
Number of I/O	64
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 50MHz 256KB (256K x 8) FLASH 121-MAPBGA (8x8)
Core Size	32-Bit
Connectivity	I ² C, IrDA, SPI, UART/USART, USB, USB OTG

Manufacturer	NXP Semiconductors / Freescale
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	K21_LK5 Datasheet
Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Speed	50MHz
RAM Size	32K x 8
Program Memory Size	256KB (256K x 8)
Packaging	Tray
Other Names	935318123557
Operating Temperature	-40°C ~ 105°C (TA)
Moisture Sensitivity Level (MSL)	3 (168 Hours)
EEPROM Size	4K x 8
Data Converters	A/D 20x16b, D/A 1x12b
Core Processor	ARM® Cortex®-M4

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	Part#: MK21DN512AVLK5 Description: IC MCU 32BIT 512KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21FN1M0VLQ12 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK21DX256AVMC5R Description: KINETIS K 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21FN1M0AVLQ12 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21DX256VMC5 Description: IC MCU 32BIT 256KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK21FN1M0AVMD12 Description: IC MCU 32BIT 1MB FLASH 144MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21DN512VMC5 Description: IC MCU 32BIT 512KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ

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