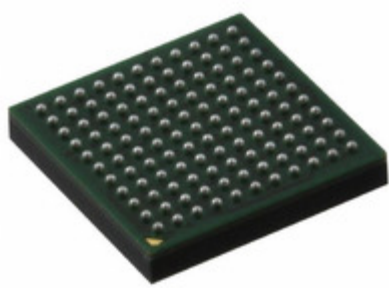


MK22DN512VDC5



Part Number: [MK22DN512VDC5](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 121BGA

Data sheet:

RoHS Status: Lead free / RoHS Compliant

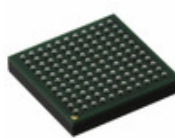
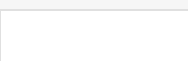
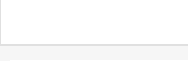
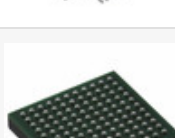
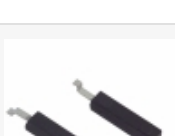
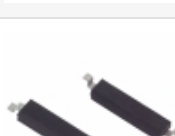
Ship From: Hong Kong

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MK22DN512VDC5	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 121BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	14393 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	121-MAPBGA (8x8)	Speed	50MHz
Series	Kinetis K20	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	DMA, I ² S, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	121-VFBGA	Other Names	935312074557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	56	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 50MHz 512KB (512K x 8) FLASH 121-MAPBGA (8x8)	Data Converters	A/D 20x16b, D/A 1x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	I ² C, IrDA, SPI, UART/USART, USB, USB OTG		
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	Part#: MK22DN512VMC5 Description: IC MCU 32BIT 512KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22DX128VMC5 Description: IC MCU 32BIT 128KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22DX256VLF5 Description: IC MCU 32BIT 256KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22DN512VLK5 Description: IC MCU 32BIT 512KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK2263FE-R52 Description: RES 226K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK22DX128VLH5 Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22DX128VLK5 Description: IC MCU 32BIT 128KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK2213FE-R52 Description: RES 221K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK21R5FE-R52 Description: RES 21.5 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK22DN512VLH5 Description: IC MCU 32BIT 512KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22DN512VDC5R Description: IC MCU 32BIT 512KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK2262FE-R52 Description: RES 22.6K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK22-B-4 Description: SWITCH REED SPST-NO 1A 200V	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK2260FE-R52 Description: RES 226 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK22DX128VLF5 Description: IC MCU 32BIT 128KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22-B-2 Description: SWITCH REED SPST-NO 1A 200V	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK22DX256VLH5 Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

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