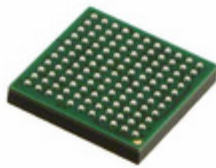


MK21DN512VMC5



Images are for reference only.
See Product Specifications for product details.
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Part Number: [MK21DN512VMC5](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 121BGA

Data sheet:  [K21_MC5 Datasheet](#)
 [K2x USB MCU Family Fact Sheet](#)
 [K20 系列产品概述](#)
 [K21_MC5 Ref Manual](#)
 [1N89E Mask Errata](#)

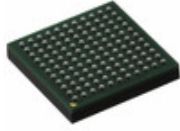
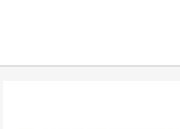
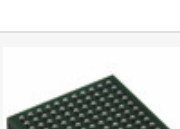
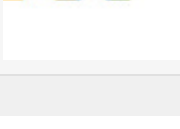
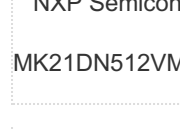
RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	MK21DN512VMC5	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 121BGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4901 pcs	Data sheet	K21_MC5 Datasheet K2x USB MCU Family Fact Sheet K20 系列产品概述 K21_MC5 Ref Manual 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 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-LFBGA	Other Names	935325711557
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	-
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	Base Part Number	MK21DN512
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	Part#: MK21FN1M0AVLQ12 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK2102FE-R52 Description: RES 21K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK21-1A71B-500W Description: SENSOR REED SW SPST-NO W LEADS	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK21DX128AVMC5 Description: IC MCU 32BIT 128KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK2103FE-R52 Description: RES 210K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK21DN512VLK5 Description: IC MCU 32BIT 512KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21DX256AVLK5 Description: IC MCU 32BIT 256KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21DX256AVMC5 Description: IC MCU 32BIT 256KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21DX128VMC5 Description: IC MCU 32BIT 128KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21-1A71C-500W Description: SENSOR REED SW SPST-NO W LEADS	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK21DX256VLK5 Description: IC MCU 32BIT 256KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21DX128VLK5 Description: IC MCU 32BIT 128KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK21DX128AVLK5 Description: IC MCU 32BIT 128KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21DX256AVMC5R Description: KINETIS K 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK2101FE-R52 Description: RES 2.1K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK21DN512AVMC5R Description: KINETIS K 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21DN512AVLK5 Description: IC MCU 32BIT 512KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

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