

MK22DN512VLK5



Part Number: [MK22DN512VLK5](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 80LQFP

Data sheet:  [K2x USB MCU Family Fact Sheet](#)
 [K22_LK5 Ref Manual](#)
 [K20 系列产品概述](#)
 [K22_LK5 Datasheet](#)
 [1N89E Mask Errata](#)

RoHs Status: Lead free / RoHS Compliant

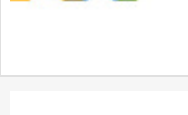
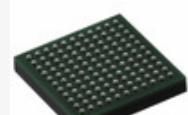
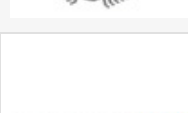
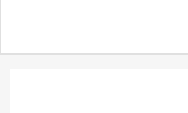
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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MK22DN512VLK5	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 80LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	12216 pcs	Data sheet	K2x USB MCU Family Fact Sheet
			K22_LK5 Ref Manual
			K20 系列产品概述
			K22_LK5 Datasheet
			1N89E Mask Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	80-LQFP (12x12)	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	80-LQFP	Other Names	935323315557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	56	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	13 Weeks	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 80-LQFP (12x12)
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	MK22DN512		
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	Description: RES 22.6K OHM 1/4W 1% AXIAL		
	Part#: MK22DX256VLK5	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Description: IC MCU 32BIT 256KB FLASH 80LQFP		
	Part#: MK22DX128VLF5	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Description: IC MCU 32BIT 128KB FLASH 48LQFP		
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	Description: IC MCU 32BIT 512KB FLASH 121BGA		
	Part#: MK22DX128VMC5	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Description: IC MCU 32BIT 128KB FLASH 121BGA		
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	Description: IC MCU 32BIT 128KB FLASH 64WLCSP		
	Part#: MK2263FE-R52	Manufacturers: Ohmite	RFQ
	Description: RES 226K OHM 1/4W 1% AXIAL		
	Part#: MK22DX128VLK5	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Description: IC MCU 32BIT 128KB FLASH 80LQFP		
	Part#: MK2212FE-R52	Manufacturers: Ohmite	RFQ
	Description: RES 22.1K OHM 1/4W 1% AXIAL		
	Part#: MK22DX256VLH5	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Description: IC MCU 32BIT 256KB FLASH 64LQFP		
	Part#: MK22DN512VDC5R	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Description: IC MCU 32BIT 512KB FLASH 121BGA		
	Part#: MK22DX256VLF5	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Description: IC MCU 32BIT 256KB FLASH 48LQFP		
	Part#: MK22DN512VLH5	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Description: IC MCU 32BIT 512KB FLASH 64LQFP		
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	Part#: MK2211FE-R52	Manufacturers: Ohmite	RFQ
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	Part#: MK22DX256VMC5	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Description: IC MCU 32BIT 256KB FLASH 121BGA		
	Part#: MK22DN512VDC5	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Description: IC MCU 32BIT 512KB FLASH 121BGA		
	Part#: MK2260FE-R52	Manufacturers: Ohmite	RFQ
	Description: RES 226 OHM 1/4W 1% AXIAL		
	Part#: MK22DX128VLH5	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Description: IC MCU 32BIT 128KB FLASH 64LQFP		

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