

MK21DN512VLK5



Part Number: [MK21DN512VLK5](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 80LQFP

Data sheet:  [K21_LK5 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

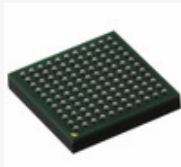
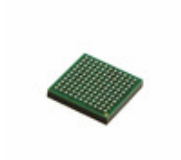
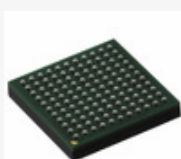
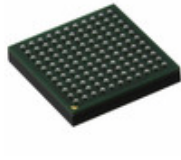
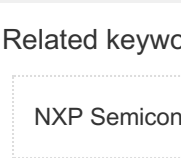
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PRODUCT PARAMETER			
Part Number	MK21DN512VLK5	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 80LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5477 pcs	Data sheet	K21_LK5 Datasheet
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	935317701557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	60	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 80-LQFP (12x12)	Data Converters	A/D 20x16b
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#: MK2102FE-R52 Description: RES 21K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK21DN512AVLK5 Description: IC MCU 32BIT 512KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK2103FE-R52 Description: RES 210K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
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	Part#: MK21DN512AVMC5 Description: IC MCU 32BIT 512KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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