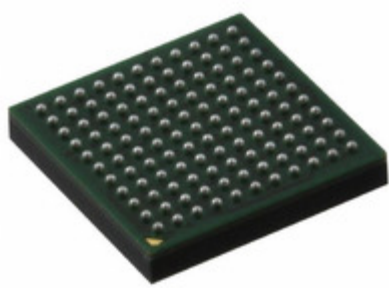


MK22FN1M0VMC12



Part Number: [MK22FN1M0VMC12](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 1MB FLASH 121MAPBGA

Data sheet:  [2N03G Mask Errata](#)
 [MK22FyyyyVMC12 Ref Manual](#)
 [MK22FyyyyVMC12 Sub-Family Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

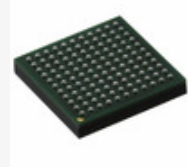
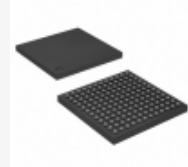
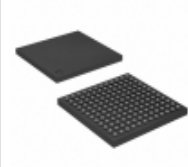
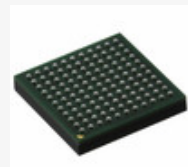
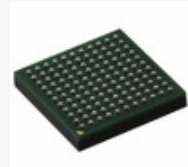
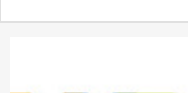
Ship From: Hong Kong

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	MK22FN1M0VMC12	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 1MB FLASH 121MAPBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10475 pcs	Data sheet	2N03G Mask Errata MK22FyyyyVMC12 Ref Manual MK22FyyyyVMC12 Sub-Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Datasheet 1.71 V ~ 3.6 V
Supplier Device Package	121-MAPBGA (8x8)	Speed	120MHz
Series	Kinetis K20	RAM Size	128K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	DMA, I ² S, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	121-LFBGA	Other Names	935311877557
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	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 120MHz 1MB (1M x 8) FLASH 121-MAPBGA (8x8)	Data Converters	A/D 38x16b, D/A 2x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	CANbus, EBI/EMI, I ² C, IrDA, SPI, UART/USART, USB, USB OTG	Base Part Number	MK22FN1M0
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	Part#: MK22FN256VLH12 Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN256CAH12R Description: IC MCU 32BIT 256KB FLASH 64WLCSP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK22FN1M0AVMD12 Description: IC MCU 32BIT 1MB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN512CAP12R Description: IC MCU 32BIT 512KB FLASH 80WLCSP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN1M0AVLQ12 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN1M0VMD12 Description: IC MCU 32BIT 1MB FLASH 144MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN1M0AVMC12 Description: IC MCU 32BIT 1MB FLASH 121MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN1M0VLQ12R Description: KINETIS K 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN1M0VMC12R Description: IC MCU 32BIT 1MB FLASH 121MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN256VLL12R Description: KINETIS K 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN1M0VLL12 Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN256VLL12 Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN256VMP12 Description: IC MCU 32BIT 256KB FLASH 64BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK22FN1M0VLQ12 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN1M0VLH12 Description: IC MCU 32BIT 1MB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

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