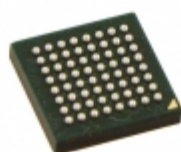


MK22FN512VMP12



Images are for reference only.
See Product Specifications for product details.
**Buy MK22FN512VMP12 with confidence from
Component-World.HK, 1 Year Warranty**

NXP

Part Number: [MK22FN512VMP12](#)

Manufacturer: [NXP USA Inc.](#)

Description: IC MCU 32BIT 512KB FLASH 64BGA

Data sheet:  [K22F Family Product Brief](#)
 [MK22FN512Vyy12 Datasheet](#)
 [MK22FN512Vyy12 Ref Manual](#)

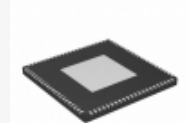
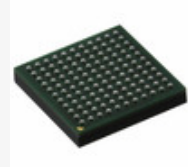
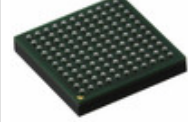
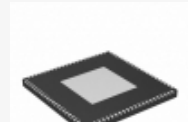
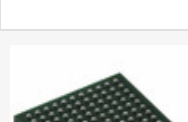
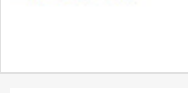
RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

[Request For Quotation](#)

PRODUCT PARAMETER			
Part Number	MK22FN512VMP12	Manufacturer	NXP USA Inc.
Description	IC MCU 32BIT 512KB FLASH 64BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	15558 pcs	Data sheet	K22F Family Product Brief MK22FN512Vyy12 Datasheet MK22FN512Vyy12 Ref Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	FLASH
Voltage - Breakdown	64-MAPBGA (5x5)	Series	Kinetis K20
RoHS Status	Tray	Reverse Recovery Time (trr)	120MHz
Requires	DMA, I ² S, LVD, POR, PWM, WDT	Program Memory Type	512KB (512K x 8)
Program Memory Size	I ² C, IrDA, SPI, UART/USART, USB, USB OTG	Polarization	64-LFBGA
Other Names	935312024557	Oscillator Type	A/D 22x16b, D/A 2x12b
Operating Temperature	-40°C ~ 105°C (TA)	Operating System	ARM® Cortex®-M4
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	10 Weeks
Manufacturer Part Number	MK22FN512VMP12	Expanded Description	ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 64-MAPBGA (5x5)
Description	IC MCU 32BIT 512KB FLASH 64BGA	Data SRAM Bytes	-
Data Converters	1.71 V ~ 3.6 V	Core Size	128K x 8
Controller Series	Internal	Connectivity	32-Bit
Clock Rate	40		
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	Part#: MK22FN512VLH12 Description: IC MCU 32BIT 512KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN512VLL12R Description: KINETIS K22: 120MHZ CORTEX-M4F P	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FX512AVLK12 Description: IC MCU 32BIT 512KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FX512AVMC12 Description: IC MCU 32BIT 512KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN512VDC12 Description: IC MCU 32BIT 512KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN512CAP12R Description: IC MCU 32BIT 512KB FLASH 80WLCSP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FX512AVLH12R Description: KINETIS K 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN512VLL12 Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FX512AVLL12 Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN512VFX12 Description: IC MCU 32BIT 512KB FLASH 88QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN512CBP12R Description: KINETIS K 32-BIT ARM CORTEX-M4	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN512VDC12R Description: KINETIS K 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FX512VLK12 Description: IC MCU 32BIT 512KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN512VLH12R Description: KINETIS K 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FX512VLL12 Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FX512AVMD12 Description: IC MCU 32BIT 512KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FX512VLH12 Description: IC MCU 32BIT 512KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FX512AVLH12 Description: IC MCU 32BIT 512KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

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