

MK21FX512VMD12



Images are for reference only.
See Product Specifications for product details.
Buy MK21FX512VMD12 with confidence from Component-World.HK, 1 Year Warranty



Part Number: [MK21FX512VMD12](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 144BGA

Data sheet:  [2N03G Mask Errata](#)
 [MK21FXyyyVyy12 Ref Manual](#)
 [K-21 Sub-Family Datasheet](#)

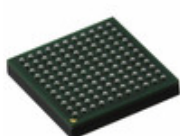
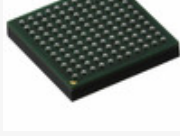
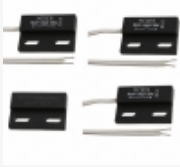
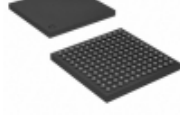
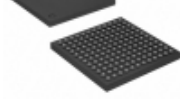
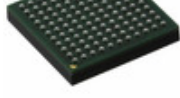
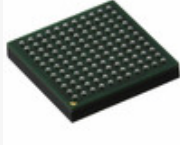
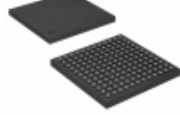
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

PRODUCT PARAMETER			
Part Number	MK21FX512VMD12	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 144BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10990 pcs	Data sheet	2N03G Mask Errata MK21FXyyyVyy12 Ref Manual K-21 Sub-Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	144-MAPBGA (13x13)	Speed	120MHz
Series	Kinetis K20	RAM Size	128K 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	144-LBGA	Other Names	935317717557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	100	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 512KB (512K x 8) FLASH 144-MAPBGA (13x13)	Data Converters	A/D 42x16b, D/A 2x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	CANbus, I ² C, IrDA, SPI, UART/USART, USB, USB OTG	Base Part Number	MK21FX512
Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 10990 pieces of NXP Semiconductors / Freescale MK21FX512VMD12 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours. RFQ Email: info@Components-World.com			

RELATED PRODUCTS			
	Part#: MK21FX512VMC12 Description: IC MCU 32BIT 512KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21FX512AVLQ12 Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21FN1M0VLQ12 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21P-1B90C-500W Description: SENSOR REED SW SPST-NO W LEADS	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK21P-1A66C-500W Description: SENSOR REED SW SPST-NO W LEADS	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK21FN1M0VMC12 Description: IC MCU 32BIT 1MB FLASH 121MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21R5FE-R52 Description: RES 21.5 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK21P-KIT Description: REED SENSOR/MAGNET EVAL KIT	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK21FN1M0AVMD12 Description: IC MCU 32BIT 1MB FLASH 144MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21P-1A66B-500W Description: SENSOR REED SW SPST-NO W LEADS	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK21FN1M0VMD12 Description: IC MCU 32BIT 1MB FLASH 144MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21P-1A66D-500W Description: SENSOR REED SW SPST-NO W LEADS	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK21M-1A66C-500W Description: SENSOR REED SW SPST-NO W LEADS	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK21P-1C90C-500W Description: SENSOR REED SW SPST-NO W LEADS	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK21FX512AVMC12 Description: IC MCU 32BIT 512KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21FN1M0AVMC12R Description: KINETIS K 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21FX512VLQ12 Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21P-1A85C-500W Description: SENSOR REED SW SPST-NO W LEADS	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK21FX512AVMD12 Description: IC MCU 32BIT 512KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21M-1A66B-500W Description: SENSOR REED SW SPST-NO W LEADS	Manufacturers: Standex-Meder Electronics	RFQ

Related keywords for MK21FX512VMD12			
NXP Semiconductors / Freescale	MK21FX512VMD12 distributor	MK21FX512VMD12 supplier	MK21FX512VMD12 price
MK21FX512VMD12	MK21FX512VMD12 download datasheet	MK21FX512VMD12 datasheet	MK21FX512VMD12 stock
buy MK21FX512VMD12	NXP Semiconductors / Freescale	NXP Semiconductors MK21FX512VMD12	Freescale MK21FX512VMD12
	MK21FX512VMD12	Freescale Semiconductor - NXP MK21FX512VMD12	NXP USA Inc. MK21FX512VMD12