

MK61FX512VMD12



Images are for reference only.
See Product Specifications for product details.
Buy MK61FX512VMD12 with confidence from Component-World.HK, 1 Year Warranty



Part Number: [MK61FX512VMD12](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 144BGA

Data sheet:  [Kinetis Mask Set 3N96B Errata](#)
 [K61_MD12/15 Ref Manual](#)
 [K6x Family Fact Sheet](#)
 [K61_MD12 Datasheet](#)
 [K61 Family Brief](#)

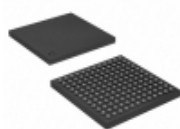
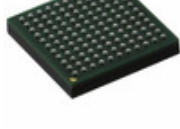
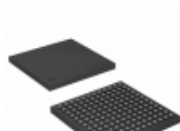
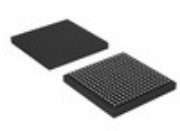
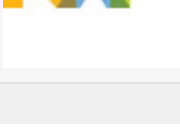
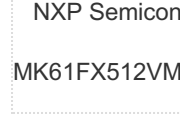
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

PRODUCT PARAMETER			
Part Number	MK61FX512VMD12	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 144BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	8724 pcs	Data sheet	Kinetis Mask Set 3N96B Errata K61_MD12/15 Ref Manual K6x Family Fact Sheet K61_MD12 Datasheet K61 Family Brief
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	144-MAPBGA (13x13)	Speed	120MHz
Series	Kinetis K60	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	935324536557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	95	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	13 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	16K x 8	Detailed Description	ARM® Cortex®-M4 Kinetis K60 Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 144-MAPBGA (13x13)
Data Converters	A/D 53x16b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4	Connectivity	CANbus, EBI/EMI, Ethernet, I ² C, IrDA, SD, SPI, UART/USART, USB, USB OTG
Base Part Number	MK61FX512		
Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 8724 pieces of NXP Semiconductors / Freescale MK61FX512VMD12 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#: MK60FX512VMD15 Description: IC MCU 32BIT 512KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK63FN1M0VLQ12 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK64FN1M0VDC12 Description: IC MCU 32BIT 1MB FLASH 121MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK60FX512VLQ12 Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: NXP USA Inc.	RFQ
	Part#: MK61FX512VMJ12 Description: IC MCU 32BIT 512KB FLASH 256BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK60FX512VMD12 Description: IC MCU 32BIT 512KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK61FN1M0VMJ12 Description: IC MCU 32BIT 1MB FLASH 256MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK61FX512VMD15 Description: IC MCU 32BIT 512KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK63FN1M0VMD12 Description: IC MCU 32BIT 1MB FLASH 144MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK61FN1M0VMD15 Description: IC MCU 32BIT 1MB FLASH 144MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK61FN1M0VMJ15 Description: IC MCU 32BIT 1MB FLASH 256MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK61FN1M0VMD12 Description: IC MCU 32BIT 1MB FLASH 144MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK61FN1M0CAA12R Description: IC MCU 32BIT 1MB FLASH 144MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK64FN1M0VLL12 Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK61FX512VMJ15 Description: IC MCU 32BIT 512KB FLASH 256BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK60R4FE-R52 Description: RES 60.4 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK64FN1M0CAJ12R Description: IC MCU 32BIT 1MB FLASH 142WLCSP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK63FN1M0VLQ12R Description: KINETIS K63: 120MHZ CORTEX-M4F M	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK64FN1M0VLL12R Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK60FX512VLQ15 Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

Related keywords for MK61FX512VMD12			
MK61FX512VMD12	NXP Semiconductors / Freescale	MK61FX512VMD12 distributor	MK61FX512VMD12 supplier
		MK61FX512VMD12 download datasheet	MK61FX512VMD12 datasheet
buy MK61FX512VMD12			MK61FX512VMD12 stock
		NXP Semiconductors / Freescale	
	MK61FX512VMD12	NXP Semiconductors MK61FX512VMD12	Freescale MK61FX512VMD12
		Freescale Semiconductor - NXP MK61FX512VMD12	NXP USA Inc. MK61FX512VMD12

