

MK64FX512VMD12



Part Number: [MK64FX512VMD12](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 144BGA

Data sheet:  [K64F Sub-Family](#)

RoHS Status: Lead free / RoHS Compliant

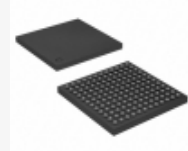
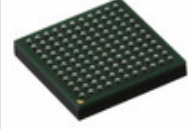
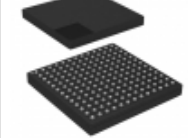
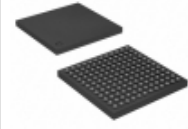
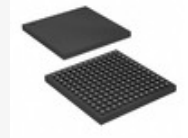
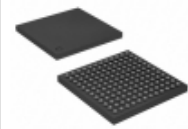
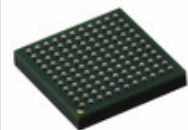
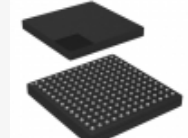
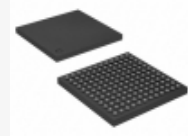
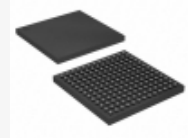
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
Buy MK64FX512VMD12 with confidence from
Component-World.HK, 1 Year Warranty

Request For Quotation

PRODUCT PARAMETER			
Part Number	MK64FX512VMD12	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 144BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10186 pcs	Data sheet	K64F Sub-Family
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	192K 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	935324731557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	100	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	4K 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 41x16b, 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
Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 10186 pieces of NXP Semiconductors / Freescale MK64FX512VMD12 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#: MK64FX512VLQ12 Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK63FN1M0VMD12 Description: IC MCU 32BIT 1MB FLASH 144MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK64FX512VDC12 Description: IC MCU 32BIT 512KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK66FX1M0VLQ18 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK65FX1M0VMI18 Description: IC MCU 32BIT 1MB FLASH 169MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK64FN1M0CAJ12R Description: IC MCU 32BIT 1MB FLASH 142WLCSP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK66FN2M0VMD18 Description: IC MCU 32BIT 2MB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK65FX1M0CAC18R Description: IC MCU 32BIT 1MB FLASH 169WLCSP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK66FX1M0VMD18 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#: MK64FN1M0VDC12 Description: IC MCU 32BIT 1MB FLASH 121MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK65FN2M0VMI18 Description: IC MCU 32BIT 2MB FLASH 169MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK64FN1M0VLL12R Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK64FX512VLL12 Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: NXP USA Inc.	RFQ
	Part#: MK66FN2M0VLQ18R Description: KINETIS K66: 180MHZ CORTEX-M4F M	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK64FN1M0VMD12 Description: IC MCU 32BIT 1MB FLASH 144MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK66FN2M0VLQ18 Description: IC MCU 32BIT 2MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK65FN2M0CAC18R Description: IC MCU 32BIT 2MB FLASH 169WLCSP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK65FN2M0VMI18R Description: KINETIS K65: 180MHZ CORTEX-M4F M	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK64FN1M0VLQ12 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

Related keywords for MK64FX512VMD12

NXP Semiconductors / Freescale	MK64FX512VMD12 distributor	MK64FX512VMD12 supplier	MK64FX512VMD12 price
MK64FX512VMD12	MK64FX512VMD12 download datasheet	MK64FX512VMD12 datasheet	MK64FX512VMD12 stock
buy MK64FX512VMD12	NXP Semiconductors / Freescale	NXP Semiconductors MK64FX512VMD12	Freescale MK64FX512VMD12
	MK64FX512VMD12	Freescale Semiconductor - NXP MK64FX512VMD12	NXP USA Inc. MK64FX512VMD12