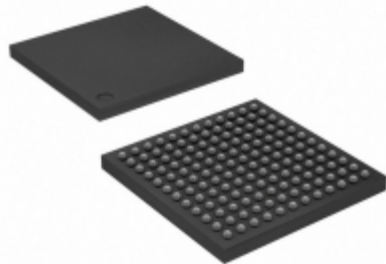


MK20FX512VMD12



Images are for reference only.
See Product Specifications for product details.
Buy MK20FX512VMD12 with confidence from Component-World.HK, 1 Year Warranty



Part Number: [MK20FX512VMD12](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 144BGA

Data sheet:  [Kinetis Mask Set 3N96B Errata](#)
 [K20_LQ/MD12 Datasheet](#)
 [K2x USB MCU Family Fact Sheet](#)
 [K20 系列产品概述](#)
 [K20_LQ/MD12 Ref Manual](#)

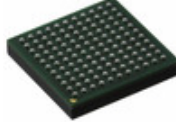
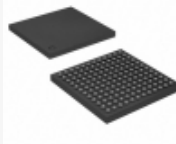
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

[Request For Quotation](#)

PRODUCT PARAMETER			
Part Number	MK20FX512VMD12	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 144BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	8319 pcs	Data sheet	Kinetis Mask Set 3N96B Errata K20_LQ/MD12 Datasheet K2x USB MCU Family Fact Sheet K20 系列产品概述 K20_LQ/MD12 Ref Manual
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	935323275557
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	13 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	16K x 8	Detailed Description	ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 144-MAPBGA (13x13)
Data Converters	A/D 58x16b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4	Connectivity	CANbus, EBI/EMI, I ² C, IrDA, SD, SPI, UART/USART, USB, USB OTG
Base Part Number	MK20FX512		
Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 8319 pieces of NXP Semiconductors / Freescale MK20FX512VMD12 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#: MK21-1A71B-500W Description: SENSOR REED SW SPST-NO W LEADS	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK20DX64VMB7 Description: IC MCU 32BIT 64KB FLASH 81MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20FN1M0VLQ12R Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21-1A66C-500W Description: SENSOR REED SW SPST-NO W LEADS	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK20FX512VLQ12 Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20DX64VLK7 Description: IC MCU 32BIT 64KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK2150FE-R52 Description: RES 215 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK2103FE-R52 Description: RES 210K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK20DX64VLH5 Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK2101FE-R52 Description: RES 2.1K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK20DX64VMP5 Description: IC MCU 32BIT 64KB FLASH 64MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20FN1M0VLQ12 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20DX64VMC7 Description: IC MCU 32BIT 64KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21-1A66B-500W Description: SENSOR REED SW SPST-NO W LEADS	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK20R5FE-R52 Description: RES 20.5 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK21-1A71C-500W Description: SENSOR REED SW SPST-NO W LEADS	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK2102FE-R52 Description: RES 21K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK20FN1M0VMD12 Description: IC MCU 32BIT 1MB FLASH 144MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20R0FE-R52 Description: RES 20 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK20DX64VLH7 Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

Related keywords for MK20FX512VMD12

NXP Semiconductors / Freescale	MK20FX512VMD12 distributor	MK20FX512VMD12 supplier	MK20FX512VMD12 price
MK20FX512VMD12	MK20FX512VMD12 download datasheet	MK20FX512VMD12 datasheet	MK20FX512VMD12 stock
buy MK20FX512VMD12	NXP Semiconductors / Freescale	NXP Semiconductors MK20FX512VMD12	Freescale MK20FX512VMD12
	MK20FX512VMD12	Freescale Semiconductor - NXP MK20FX512VMD12	NXP USA Inc. MK20FX512VMD12

