



NXP Semiconductors / Freescale

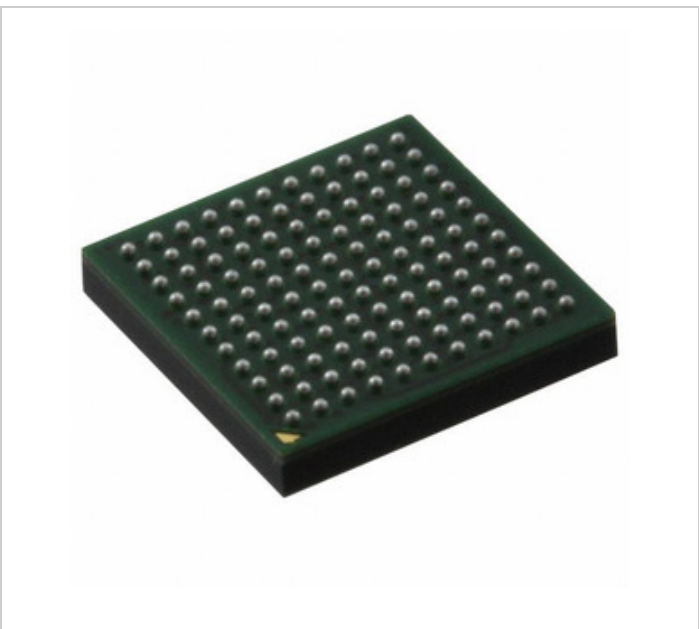


Image may be representation. See specifications for product details.

MK21FX512VMC12

Part Number:	MK21FX512VMC12
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 121BGA
Datasheets:	 1.MK21FX512VMC12.pdf
	 2.MK21FX512VMC12.pdf
	 3.MK21FX512VMC12.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

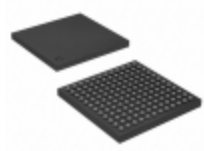
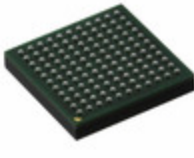
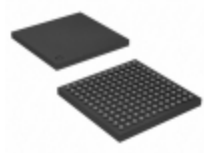
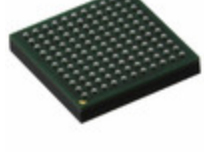
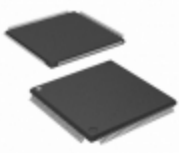
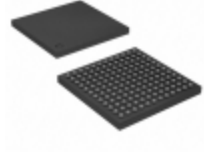
Specifications of MK21FX512VMC12

PART NUMBER	MK21FX512VMC12
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 121BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.MK21FX512VMC12.pdf  2.MK21FX512VMC12.pdf  3.MK21FX512VMC12.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	121-MAPBGA (8x8)
SPEED	120MHz
SERIES	Kinetis K20
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	121-LFBGA
OTHER NAMES	935311781557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	64
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 121-MAPBGA (8x8)
DATA CONVERTERS	A/D 40x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, I²C, IrDA, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	MK21FX512

Related Tags

NXP Semiconductors / Freescale MK21FX512VMC12	MK21FX512VMC12 Distributor	MK21FX512VMC12 Supplier
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MK21FX512VMC12 PDF Datasheet	MK21FX512VMC12 Download Datasheet	MK21FX512VMC12 Datasheet
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Related Products

 MK21FX512AVMD12 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 160 pcs RFQ	 MK21M-1A66C-500W Manufacturers: Standex-Meder Electronics Description: SENSOR REED SW SPST-NO W LEADS In stock: 364 pcs RFQ
 MK21P-1A66B-500W Manufacturers: Standex-Meder Electronics Description: SENSOR REED SW SPST-NO W LEADS In stock: 6 pcs RFQ	 MK21P-1A66C-500W Manufacturers: Standex-Meder Electronics Description: SENSOR REED SW SPST-NO W LEADS In stock: Out stock RFQ
 MK21P-1A66D-500W Manufacturers: Standex-Meder Electronics Description: SENSOR REED SW SPST-NO W LEADS In stock: Out stock RFQ	 MK21FN1M0VMC12 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 121MAPBGA In stock: Out stock RFQ
 MK21FX512VMD12 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: Out stock RFQ	 MK21M-1A66B-500W Manufacturers: Standex-Meder Electronics Description: SENSOR REED SW SPST-NO W LEADS In stock: 27 pcs RFQ
 MK21FX512AVMC12 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 121BGA In stock: 193 pcs RFQ	 MK21FX512AVLQ12 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 153 pcs RFQ
 MK21FN1M0VMD12 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 144MAPBGA In stock: Out stock RFQ	 MK21FX512VLQ12 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: Out stock RFQ