

MK64FN1M0VLL12



Part Number: [MK64FN1M0VLL12](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 1MB FLASH 100LQFP

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

RoHs Status: Lead free / RoHS Compliant

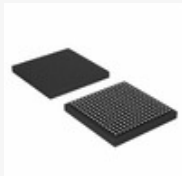
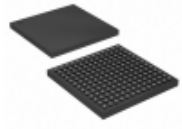
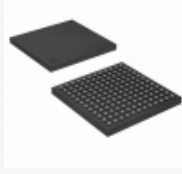
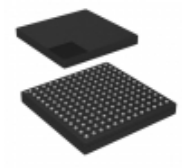
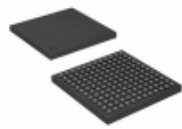
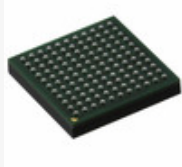
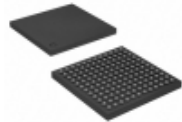
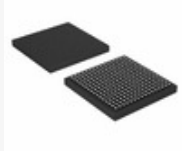
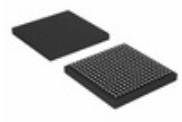
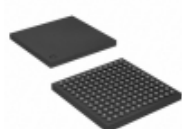
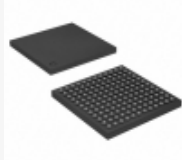
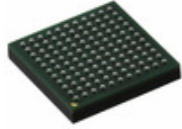
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PRODUCT PARAMETER			
Part Number	MK64FN1M0VLL12	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 1MB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	9411 pcs	Data sheet	K64F Sub-Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	100-LQFP (14x14)	Speed	120MHz
Series	Kinetis K60	RAM Size	256K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	DMA, I ² S, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	100-LQFP	Other Names	935315207557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	66	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4 Kinetis K60 Microcontroller IC 32-Bit 120MHz 1MB (1M x 8) FLASH 100-LQFP (14x14)
Data Converters	A/D 32x16b, D/A 1x12b	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
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	Part#: MK65FN2M0CAC18R Description: IC MCU 32BIT 2MB FLASH 169WLCSP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK63FN1M0VLQ12R Description: KINETIS K63: 120MHZ CORTEX-M4F M	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK64FN1M0CAJ12R Description: IC MCU 32BIT 1MB FLASH 142WLCSP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK64FN1M0VMD12 Description: IC MCU 32BIT 1MB FLASH 144MAPBGA	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#: MK61FX512VMD12 Description: IC MCU 32BIT 512KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK61FX512VMD15 Description: IC MCU 32BIT 512KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK61FX512VMJ15 Description: IC MCU 32BIT 512KB FLASH 256BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK63FN1M0VLQ12 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK64FN1M0VLQ12 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK61FN1M0VMJ15 Description: IC MCU 32BIT 1MB FLASH 256MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK65FN2M0VMI18R Description: KINETIS K65: 180MHZ CORTEX-M4F M	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK63FN1M0VMD12 Description: IC MCU 32BIT 1MB FLASH 144MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK64FX512VMD12 Description: IC MCU 32BIT 512KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK64FN1M0VDC12 Description: IC MCU 32BIT 1MB FLASH 121MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK64FX512VLL12 Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: NXP USA Inc.	RFQ

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