

MK63FN1M0VLQ12R



Part Number: [MK63FN1M0VLQ12R](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: KINETIS K63: 120MHZ CORTEX-M4F M

Data sheet:  [K63 Sub-Family](#)

RoHs Status:

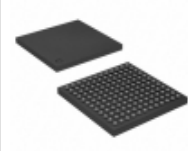
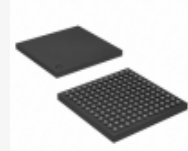
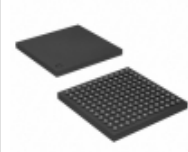
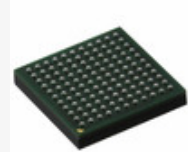
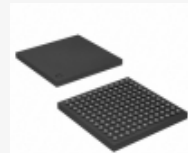
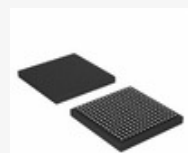
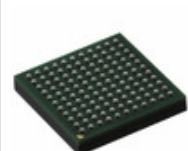
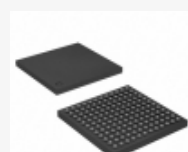
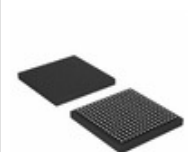
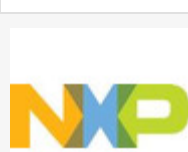
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PRODUCT PARAMETER			
Part Number	MK63FN1M0VLQ12R	Manufacturer	NXP Semiconductors / Freescale
Description	KINETIS K63: 120MHZ CORTEX-M4F M	Lead Free Status / RoHS Status	
Quantity Available	9585 pcs	Data sheet	K63 Sub-Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	144-LQFP (20x20)	Speed	120MHz
Series	Kinetis K60	RAM Size	256K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	DMA, I²S, LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	144-LQFP	Other Names	935321973528
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	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4 Kinetis K60 Microcontroller IC 32-Bit 120MHz 1MB (1M x 8) FLASH 144-LQFP (20x20)	Data Converters	A/D 41x16b, D/A 2x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	CANbus, EBI/EMI, Ethernet, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG		
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	Part#: MK61FX512VMD12 Description: IC MCU 32BIT 512KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK64FN1M0VLL12R Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

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