

MK66FN2M0VLQ18R



Part Number: [MK66FN2M0VLQ18R](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: KINETIS K66: 180MHZ CORTEX-M4F M

Data sheet:  [MK66F Family](#)

RoHs Status:

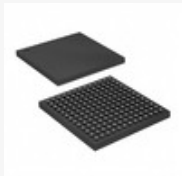
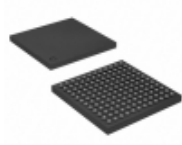
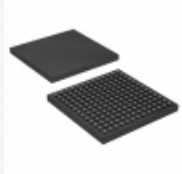
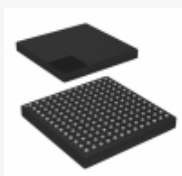
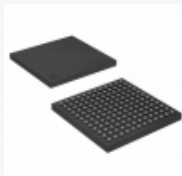
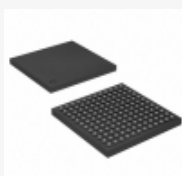
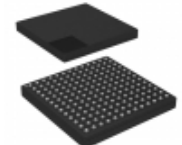
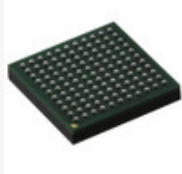
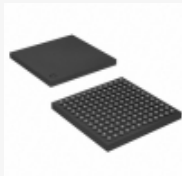
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PRODUCT PARAMETER			
Part Number	MK66FN2M0VLQ18R	Manufacturer	NXP Semiconductors / Freescale
Description	KINETIS K66: 180MHZ CORTEX-M4F M	Lead Free Status / RoHS Status	
Quantity Available	5211 pcs	Data sheet	MK66F Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	144-LQFP (20x20)	Speed	180MHz
Series	Kinetis K60	RAM Size	256K x 8
Program Memory Type	FLASH	Program Memory Size	2MB (2M x 8)
Peripherals	DMA, I²S, LVD, POR, PWM, WDT	Packaging	Original-Reel®
Package / Case	144-LQFP	Other Names	568-13968-6
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 180MHz 2MB (2M x 8) FLASH 144-LQFP (20x20)	Data Converters	A/D 2x16b, 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#: MK64FX512VMD12 Description: IC MCU 32BIT 512KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK6812FE-R52 Description: RES 68.1K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK67Q5250SDK-2510 Description: SDK FINGERPRINT MODULE MK67Q250	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: MK65FN2M0CAC18R Description: IC MCU 32BIT 2MB FLASH 169WLCSP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK6810FE-R52 Description: RES 681 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK65FX1M0VMI18 Description: IC MCU 32BIT 1MB FLASH 169MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK65FN2M0VMI18R Description: KINETIS K65: 180MHZ CORTEX-M4F M	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK66FN2M0VMD18 Description: IC MCU 32BIT 2MB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK6981FE-R52 Description: RES 6.98K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK66FX1M0VMD18 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
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	Part#: MK65FN2M0VMI18 Description: IC MCU 32BIT 2MB FLASH 169MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK64FX512VDC12 Description: IC MCU 32BIT 512KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK67Q5250V-0001YC Description: IC BIOMETRIX MODULE SNAP IN	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: MK67Q5250V-0101YC Description: IC BIOMETRIX MODULE SCREW IN	Manufacturers: LAPIS Semiconductor	RFQ
	Part#: MK64FX512VLQ12 Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK64FN1M0VMD12 Description: IC MCU 32BIT 1MB FLASH 144MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ

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