

MK65FN2M0VMI18R



Part Number: [MK65FN2M0VMI18R](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: KINETIS K65: 180MHZ CORTEX-M4F M

Data sheet:

RoHs Status:

Ship From: Hong Kong

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

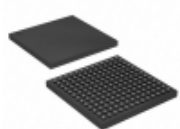
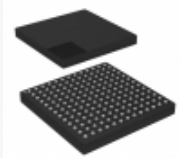
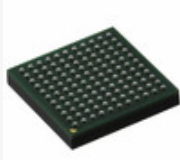
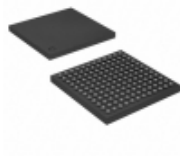
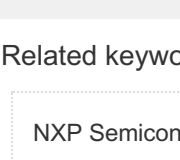
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MK65FN2M0VM118R	Manufacturer	NXP Semiconductors / Freescale
Description	KINETIS K65: 180MHZ CORTEX-M4F M	Lead Free Status / RoHS Status	
Quantity Available	7879 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	169-MAPBGA (9x9)	Speed	180MHz
Series	Kinetis K60	RAM Size	256K x 8
Program Memory Type	FLASH	Program Memory Size	2MB (2M x 8)
Peripherals	DMA, I ² S, LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	169-LFBGA	Other Names	935316011518
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	116	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 169-MAPBGA (9x9)	Data Converters	A/D 2x16b, D/A 2x12b
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#: MK64FN1M0VLQ12 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK64FN1M0VMD12 Description: IC MCU 32BIT 1MB FLASH 144MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK66FN2M0VLQ18R Description: KINETIS K66: 180MHZ CORTEX-M4F M	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK64FN1M0VLL12R Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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