

MK66FX1M0VMD18



Part Number: [MK66FX1M0VMD18](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 1MB FLASH 144MAPBGA

Data sheet:  [144-MAPBGA Pkg Drawing](#)
 [MK66F Family](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

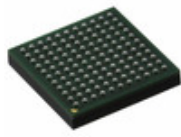
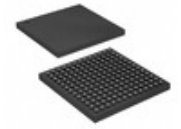
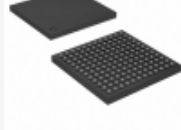
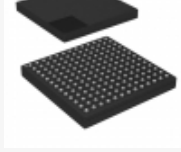
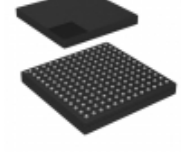
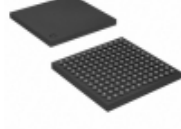
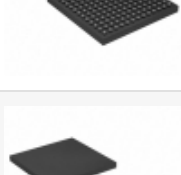
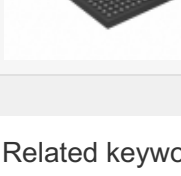
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PRODUCT PARAMETER			
Part Number	MK66FX1M0VMD18	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 1MB FLASH 144MAPBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6384 pcs	Data sheet	144-MAPBGA Pkg Drawing MK66F Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	144-MAPBGA (13x13)	Speed	180MHz
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	144-LBGA	Other Names	568-13335 935325976557
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	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	4K x 8	Detailed Description	ARM® Cortex®-M4 Kinetis K60 Microcontroller IC 32-Bit 180MHz 1MB (1M x 8) FLASH 144-MAPBGA (13x13)
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#: MK6812FE-R52 Description: RES 68.1K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK66FX1M0VLQ18 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

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