

NXP Semiconductors / Freescale

MK63FN1M0VMD12

Part Number:	MK63FN1M0VMD12
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 1MB FLASH 144MAPBGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	5256 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

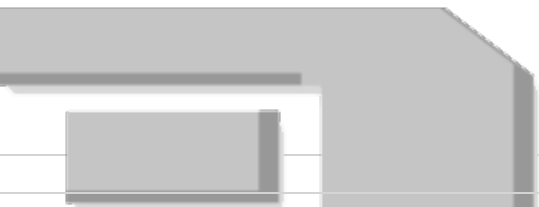
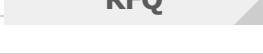
Specifications of MK63FN1M0VMD12

PART NUMBER	MK63FN1M0VMD12
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 1MB FLASH 144MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5256 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-MAPBGA (13x13)
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	Tray
PACKAGE / CASE	144-LBGA
OTHER NAMES	935311615557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	95
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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 144-MAPBGA (13x13)
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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	MK64FN1M0VLL12R Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 9933 pcs 		MK64FN1M0VDC12 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 121MAPBGA In stock: 6607 pcs 
	MK64FN1M0VLL12 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 7380 pcs 		MK63FN1M0VLQ12R Manufacturers: NXP Description: KINETIS K63: 120MHZ CORTEX-M4F M In stock: 9351 pcs 
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	MK64FN1M0CAJ12R Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 142WLCSP In stock: 8588 pcs 		MK63FN1M0VLQ12 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 5273 pcs 
	MK64FN1M0VMD12 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144MAPBGA In stock: 6722 pcs 		MK61FX512VMJ12 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 256BGA In stock: 4926 pcs 

