

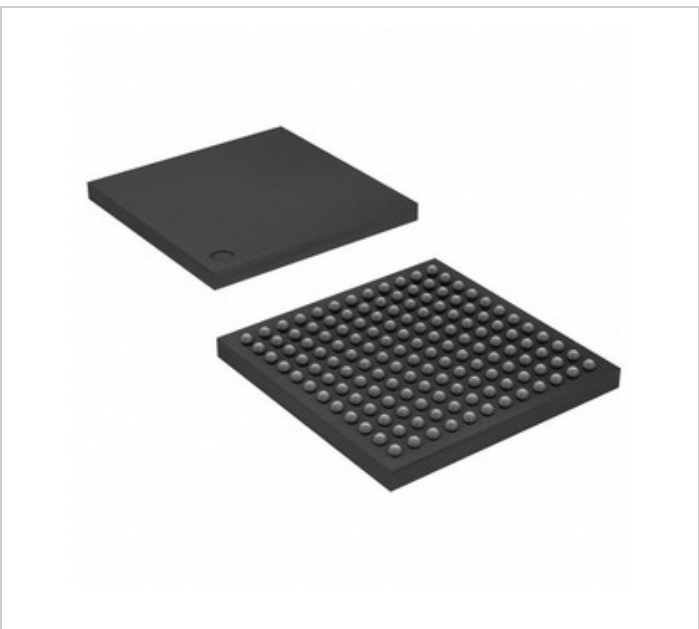


Image may be representation. See specifications for product details.

MK64FN1M0VMD12

Part Number:	MK64FN1M0VMD12
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 1MB FLASH 144MAPBGA
Datasheets:	 MK64FN1M0VMD12.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

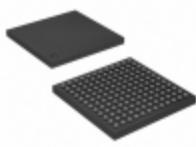
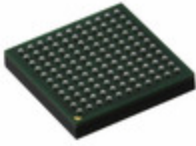
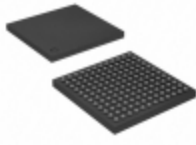
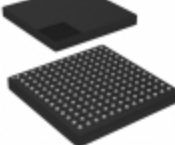
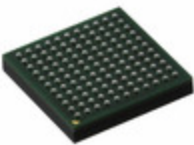
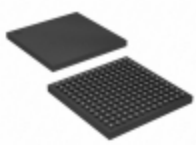
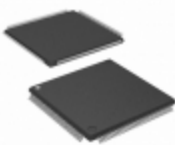
Specifications of MK64FN1M0VMD12

PART NUMBER	MK64FN1M0VMD12
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 1MB FLASH 144MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 MK64FN1M0VMD12.pdf
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, I ² S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LBGA
OTHER NAMES	935315206557
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	-
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, I ² C, IrDA, SD, SPI, UART/USART, USB, USB OTG

Related Tags

NXP Semiconductors / Freescale MK64FN1M0VMD12	MK64FN1M0VMD12 Distributor	MK64FN1M0VMD12 Supplier
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Freescale Semiconductor - NXP MK64FN1M0VMD12	NXP USA Inc. MK64FN1M0VMD12	

Related Products

 MK64FX512VMD12 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: Out stock RFQ	 MK64FX512VLL12 Manufacturers: NXP USA Inc. Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 644 pcs RFQ
 MK64FX512VDC12 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 121BGA In stock: 853 pcs RFQ	 MK64FN1M0VLQ12 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: Out stock RFQ
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 MK64FN1M0VLL12R Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: Out stock RFQ	 MK64FN1M0CAJ12R Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 142WLCSP In stock: Out stock RFQ
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 MK65FN2M0CAC18R Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 2MB FLASH 169WLCSP In stock: Out stock RFQ	 MK64FX512VLQ12 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 874 pcs RFQ