



NXP Semiconductors / Freescale

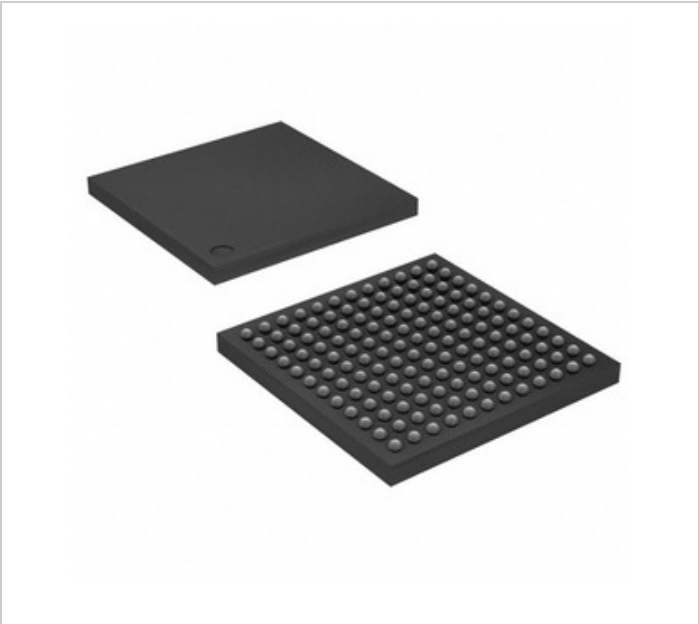


Image may be representation. See specifications for product details.

MK66FX1M0VMD18

Part Number:	MK66FX1M0VMD18
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 1MB FLASH 144MAPBGA
	1.MK66FX1M0VMD18.pdf
	2.MK66FX1M0VMD18.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

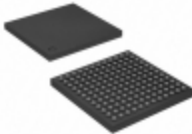
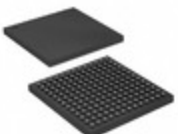
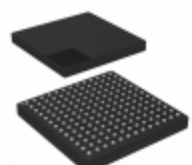
Specifications of MK66FX1M0VMD18

PART NUMBER	MK66FX1M0VMD18
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 1MB FLASH 144MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MK66FX1M0VMD18.pdf 2.MK66FX1M0VMD18.pdf
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

Related Tags

NXP Semiconductors / Freescale MK66FX1M0VMD18	MK66FX1M0VMD18 Distributor	MK66FX1M0VMD18 Supplier
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Freescale Semiconductor - NXP MK66FX1M0VMD18	NXP USA Inc. MK66FX1M0VMD18	

Related Products

 MK6981FE-R52 Manufacturers: Ohmite Description: RES 6.98K OHM 1/4W 1% AXIAL In stock: Out stock RFQ	 MK66FN2M0VMD18 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 2MB FLASH 144BGA In stock: Out stock RFQ
 MK66FN2M0VLQ18R Manufacturers: NXP Semiconductors / Freescale Description: KINETIS K66: 180MHZ CORTEX-M4F M In stock: Out stock RFQ	 MK67Q5250V-0101YC Manufacturers: LAPIS Semiconductor Description: IC BIOMETRIX MODULE SCREW IN In stock: Out stock RFQ
 MK65FX1M0CAC18R Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 169WLCSP In stock: Out stock RFQ	 MK6810FE-R52 Manufacturers: Ohmite Description: RES 681 OHM 1/4W 1% AXIAL In stock: Out stock RFQ
 MK6812FE-R52 Manufacturers: Ohmite Description: RES 68.1K OHM 1/4W 1% AXIAL In stock: Out stock RFQ	 MK67Q5250SDK-2510 Manufacturers: LAPIS Semiconductor Description: SDK FINGERPRINT MODULE MK67Q250 In stock: Out stock RFQ
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