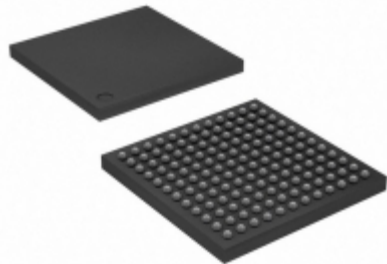


MK22FN1M0AVMD12



Images are for reference only.
See Product Specifications for product details.
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Part Number: MK22FN1M0AVMD12

Manufacturer: NXP Semiconductors / Freescale

Description: IC MCU 32BIT 1MB FLASH 144BGA

Data sheet:

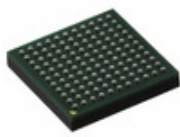
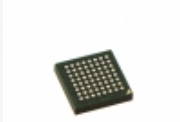
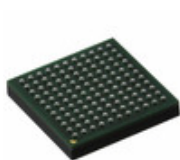
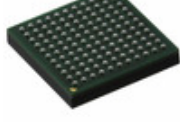
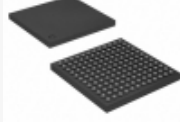
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

PRODUCT PARAMETER			
Part Number	MK22FN1M0AVMD12	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 1MB FLASH 144BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	9888 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	144-MAPBGA (13x13)	Speed	120MHz
Series	Kinetis K20	RAM Size	128K 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	935320723557
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 K20 Microcontroller IC 32-Bit 120MHz 1MB (1M x 8) FLASH 144-MAPBGA (13x13)
Data Converters	A/D 42x16b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4	Connectivity	CANbus, EBI/EMI, I ² C, IrDA, SPI, UART/USART, USB, USB OTG
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	Part#: MK22FN1M0AVLH12 Description: IC MCU 32BIT 1MB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK22FN128VMP10 Description: IC MCU 32BIT 128KB FLASH 64BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK22FN1M0VMC12R Description: IC MCU 32BIT 1MB FLASH 121MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK22FN1M0AVLQ12 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN1M0AVLK12 Description: IC MCU 32BIT 1MB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

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