



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MK21FN1M0VLQ12

Part Number:	MK21FN1M0VLQ12
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 1MB FLASH 144LQFP
	1.MK21FN1M0VLQ12.pdf
	2.MK21FN1M0VLQ12.pdf
	3.MK21FN1M0VLQ12.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

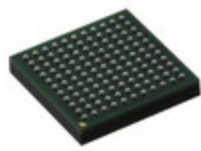
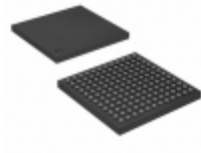
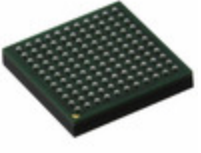
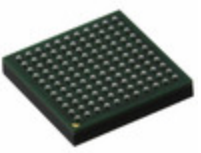
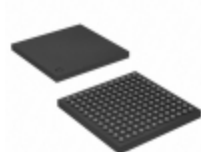
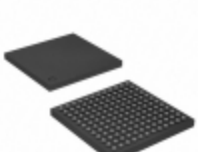
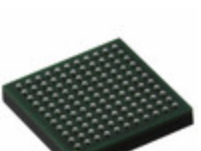
Specifications of MK21FN1M0VLQ12

PART NUMBER	MK21FN1M0VLQ12
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 1MB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MK21FN1M0VLQ12.pdf 2.MK21FN1M0VLQ12.pdf 3.MK21FN1M0VLQ12.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
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-LQFP
OTHER NAMES	935320049557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	100
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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-LQFP (20x20)
DATA CONVERTERS	A/D 42x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, I ² C, IrDA, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	MK21FN1M0

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Freescale Semiconductor - NXP MK21FN1M0VLQ12	NXP USA Inc. MK21FN1M0VLQ12	

Related Products

 MK21FN1M0AVMC12 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 121MAPBGA In stock: 545 pcs RFQ	 MK21DX256VLK5 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 80LQFP In stock: Out stock RFQ
 MK21FX512AVMD12 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 160 pcs RFQ	 MK21FN1M0VMC12 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 121MAPBGA In stock: Out stock RFQ
 MK21FX512AVLQ12 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 153 pcs RFQ	 MK21FN1M0AVMC12R Manufacturers: NXP Semiconductors / Freescale Description: KINETIS K 32-BIT MCU ARM CORTEX In stock: Out stock RFQ
 MK21FN1M0VMD12 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 144MAPBGA In stock: Out stock RFQ	 MK21DX256VMC5 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 121BGA In stock: Out stock RFQ
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