



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MK22DN512VLK5

Part Number:	MK22DN512VLK5
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 80LQFP
	1.MK22DN512VLK5.pdf
	2.MK22DN512VLK5.pdf
	3.MK22DN512VLK5.pdf
	4.MK22DN512VLK5.pdf
	5.MK22DN512VLK5.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

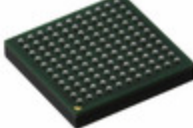
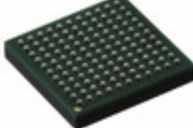
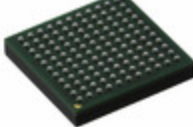
Specifications of MK22DN512VLK5

PART NUMBER	MK22DN512VLK5
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 80LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MK22DN512VLK5.pdf 2.MK22DN512VLK5.pdf 3.MK22DN512VLK5.pdf 4.MK22DN512VLK5.pdf 5.MK22DN512VLK5.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	80-LQFP (12x12)
SPEED	50MHz
SERIES	Kinetis K20
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	80-LQFP
OTHER NAMES	935323315557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	56
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	13 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 50MHz 512KB (512K x 8) FLASH 80-LQFP (12x12)
DATA CONVERTERS	A/D 20x16b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I²C, IrDA, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	MK22DN512

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Related Products

 MK22DN512VMC5 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 121BGA In stock: 348 pcs RFQ	 MK22DN512VLH5 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 94 pcs RFQ
 MK2260FE-R52 Manufacturers: Ohmite Description: RES 226 OHM 1/4W 1% AXIAL In stock: Out stock RFQ	 MK22DX128VLH5 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: 135 pcs RFQ
 MK22DN512VDC5R Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 121BGA In stock: Out stock RFQ	 MK2263FE-R52 Manufacturers: Ohmite Description: RES 226K OHM 1/4W 1% AXIAL In stock: Out stock RFQ
 MK22DX128VLK5 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 128KB FLASH 80LQFP In stock: 221 pcs RFQ	 MK22DX128VLF5 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 128KB FLASH 48LQFP In stock: 429 pcs RFQ
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