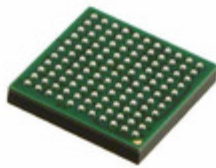


MK11DN512VMC5



Images are for reference only.
See Product Specifications for product details.
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Part Number: [MK11DN512VMC5](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 121BGA

Data sheet:  [K11_MC5 Ref Manual](#)
 [K11_MC5 Datasheet](#)
 [K10 Family Fact Sheet](#)
 [1N89E Mask Errata](#)

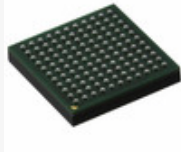
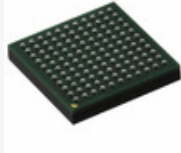
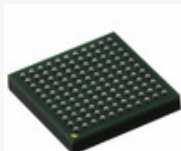
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

PRODUCT PARAMETER			
Part Number	MK11DN512VMC5	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 121BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5564 pcs	Data sheet	K11_MC5 Ref Manual K11_MC5 Datasheet K10 Family Fact Sheet 1N89E Mask Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	121-MAPBGA (8x8)	Speed	50MHz
Series	Kinetis K10	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	DMA, I ² S, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	121-LFBGA	Other Names	935311134557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	64	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4 Kinetis K10 Microcontroller IC 32-Bit 50MHz 512KB (512K x 8) FLASH 121-MAPBGA (8x8)	Data Converters	A/D 24x16b, D/A 1x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	PC, IrDA, SPI, UART/USART	Base Part Number	MK11DN512
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	Part#: MK1183FE-R52 Description: RES 118K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK11DX256VMC5 Description: IC MCU 32BIT 256KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK1153FE-R52 Description: RES 115K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
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	Part#: MK1152FE-R52 Description: RES 11.5K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK1182FE-R52 Description: RES 11.8K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
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