

MK51DN512CLQ10



Part Number: [MK51DN512CLQ10](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 144LQFP

Data sheet:  [K50 Family Fact Sheet](#)
 [K51_LQ/MD10 Ref Manual](#)
 [K51_LQ/MD10 Datasheet](#)
 [K50 Family Brief](#)
 [5N22D Mask Set Errata](#)

RoHs Status: Lead free / RoHS Compliant

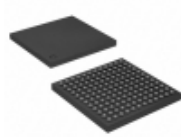
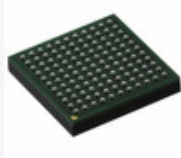
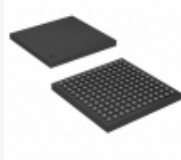
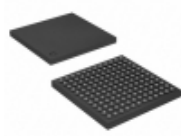
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
Buy MK51DN512CLQ10 with confidence from Component-World.HK, 1 Year Warranty

[Request For Quotation](#)

PRODUCT PARAMETER			
Part Number	MK51DN512CLQ10	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	9094 pcs	Data sheet	K50 Family Fact Sheet K51_LQ/MD10 Ref Manual K51_LQ/MD10 Datasheet K50 Family Brief 5N22D Mask Set Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	144-LQFP (20x20)	Speed	100MHz
Series	Kinetis K50	RAM Size	128K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	DMA, I ² S, LCD, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Other Names	935319969557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	94	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4 Kinetis K50 Microcontroller IC 32-Bit 100MHz 512KB (512K x 8) FLASH 144-LQFP (20x20)	Data Converters	A/D 41x16b, D/A 2x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	EBI/EMI, I ² C, IrDA, SD, SPI, UART/USART, USB, USB OTG	Base Part Number	MK51DN512
Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 9094 pieces of NXP Semiconductors / Freescale MK51DN512CLQ10 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours. RFQ Email: info@Components-World.com			

RELATED PRODUCTS			
	Part#: MK51DX256CLK7 Description: IC MCU 32BIT 256KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK51DX128CLK7 Description: IC MCU 32BIT 128KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK51DN256ZCMD10 Description: IC MCU 32BIT 256KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK51DN512ZCLQ10 Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK51DN512ZCLL10 Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK51DN512CMC10 Description: IC MCU 32BIT 512KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK51DN512ZCMC10 Description: IC MCU 32BIT 512KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK51DN512CMD10 Description: IC MCU 32BIT 512KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK51DN256CMD10 Description: IC MCU 32BIT 256KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK50DX256ZCLL10 Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK51DN512ZCLL10 Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK51DX256CLK10 Description: IC MCU 32BIT 256KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK51DX128CLH7 Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK51DX128CMC7 Description: IC MCU 32BIT 128KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK5112FE-R52 Description: RES 51.1K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK50H27TQ33B Description: IC CTRLR SYSTEM7 33MHZ 52-PLCC	Manufacturers: STMicroelectronics	RFQ
	Part#: MK5110FE-R52 Description: RES 511 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK50DX256ZCLQ10 Description: IC MCU 32BIT 256KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK5111FE-R52 Description: RES 5.11K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK50H27Q33B Description: IC CTRLR SYSTEM7 33MHZ 52-PLCC	Manufacturers: STMicroelectronics	RFQ

Related keywords for MK51DN512CLQ10

NXP Semiconductors / Freescale	MK51DN512CLQ10 distributor	MK51DN512CLQ10 supplier	MK51DN512CLQ10 price
MK51DN512CLQ10	MK51DN512CLQ10 download datasheet	MK51DN512CLQ10 datasheet	MK51DN512CLQ10 stock
buy MK51DN512CLQ10	NXP Semiconductors / Freescale	NXP Semiconductors MK51DN512CLQ10	Freescale MK51DN512CLQ10
	MK51DN512CLQ10	Freescale Semiconductor - NXP MK51DN512CLQ10	NXP USA Inc. MK51DN512CLQ10

