

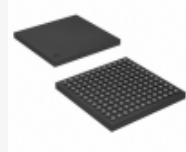






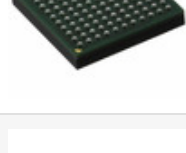





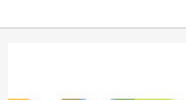


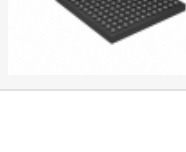




MK50DN512ZCLL10

	<p>Part Number: MK50DN512ZCLL10</p> <p>Manufacturer: NXP Semiconductors / Freescale</p> <p>Description: IC MCU 32BIT 512KB FLASH 100LQFP</p> <p>Data sheet: PDF K50 Family Fact Sheet PDF K50_ZLL10 Ref Manual PDF K50_ZLL10 Datasheet PDF K50 Family Brief</p>	<p>RoHS Status: Lead free / RoHS Compliant</p> <p>Ship From: Hong Kong</p> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>
<p>Images are for reference only. See Product Specifications for product details. Buy MK50DN512ZCLL10 with confidence from Component-World.HK, 1 Year Warranty</p>		<p>Request For Quotation</p>

PRODUCT PARAMETER			
Part Number	MK50DN512ZCLL10	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	8150 pcs	Data sheet	K50 Family Fact Sheet K50_ZLL10 Ref Manual K50_ZLL10 Datasheet K50 Family Brief
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	100-LQFP (14x14)	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, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	100-LQFP	Other Names	935324495557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	59	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 100-LQFP (14x14)	Data Converters	A/D 34x16b, 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	MK50DN512

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	Part#: MK50DX256CLK10 Description: IC MCU 32BIT 256KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK50DX256CMD10 Description: IC MCU 32BIT 256KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK50DX128CMC7 Description: IC MCU 32BIT 128KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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