

MK50DX128CLH7R



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Part Number: [MK50DX128CLH7R](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 128KB FLASH 64LQFP

Data sheet:  [K50 Family Fact Sheet](#)
 [840F-02 Pkg Drawing](#)
 [K50_LH7 Ref Manual](#)
 [K50_LH7 Datasheet](#)
 [K50 Family Brief](#)

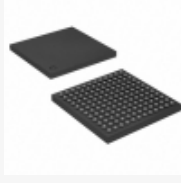
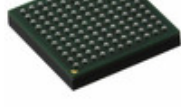
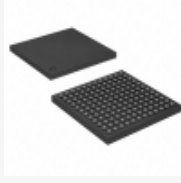
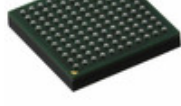
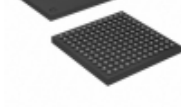
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	MK50DX128CLH7R	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 128KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	12440 pcs	Data sheet	K50 Family Fact Sheet 840F-02 Pkg Drawing K50_LH7 Ref Manual K50_LH7 Datasheet K50 Family Brief
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	64-LQFP (10x10)	Speed	72MHz
Series	Kinetis K50	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)
Peripherals	DMA, I ² S, LVD, POR, PWM, WDT	Packaging	Cut Tape (CT)
Package / Case	64-LQFP	Other Names	MK50DX128CLH7RCT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	35	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	2K x 8
Detailed Description	ARM® Cortex®-M4 Kinetis K50 Microcontroller IC 32-Bit 72MHz 128KB (128K x 8) FLASH 64-LQFP (10x10)	Data Converters	A/D 22x16b, D/A 1x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	EBI/EMI, I ² C, IrDA, SPI, UART/USART, USB, USB OTG	Base Part Number	MK50DX128
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