

MK10DN128VLF5



Part Number: [MK10DN128VLF5](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 128KB FLASH 48LQFP

Data sheet:  [K10_LF/FT5 Datasheet](#)
 [K10_LF/FT5 Ref Manual](#)
 [K10 Family Fact Sheet](#)

RoHs Status: Lead free / RoHS Compliant

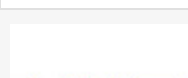
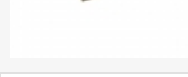
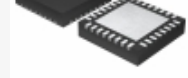
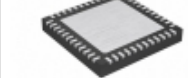
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PRODUCT PARAMETER			
Part Number	MK10DN128VLF5	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 128KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	22019 pcs	Data sheet	K10_LF/FT5 Datasheet K10_LF/FT5 Ref Manual K10 Family Fact Sheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	48-LQFP (7x7)	Speed	50MHz
Series	Kinetis K10	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)
Peripherals	DMA, I ² S, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	48-LQFP	Other Names	935311038557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	33	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4 Kinetis K10 Microcontroller IC 32-Bit 50MHz 128KB (128K x 8) FLASH 48-LQFP (7x7)
Data Converters	A/D 16x16b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4	Connectivity	I ² C, IrDA, SPI, UART/USART
Base Part Number	MK10DN128		
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	Part#: MK1070FE-R52 Description: RES 107 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK10DN32VLF5 Description: IC MCU 32BIT 32KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK10DN128VFM5 Description: IC MCU 32BIT 128KB FLASH 32QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK10DN32VMP5 Description: IC MCU 32BIT 32KB FLASH 64MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK1053FE-R52 Description: RES 105K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK10DN32VFM5 Description: IC MCU 32BIT 32KB FLASH 32QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK1073FE-R52 Description: RES 107K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK10DN128VMP5 Description: IC MCU 32BIT 128KB FLASH 64BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK1052FE-R52 Description: RES 10.5K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK1051FE-R52 Description: RES 1.05K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK10DN128VFT5 Description: IC MCU 32BIT 128KB FLASH 48QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK10DN32VLH5 Description: IC MCU 32BIT 32KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK10DN128VLH5R Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK10DN512VLK10 Description: IC MCU 32BIT 512KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

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