

MKL81Z128VLK7



Part Number: [MKL81Z128VLK7](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: KINETIS KL81: 72MHZ CORTEX-M0+ S

Data sheet:  [MKL8x MCU Family Fact Sheet](#)

RoHs Status:

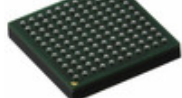
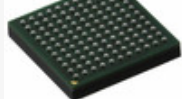
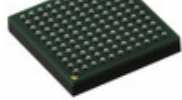
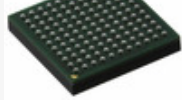
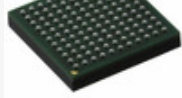
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PRODUCT PARAMETER			
Part Number	MKL81Z128VLK7	Manufacturer	NXP Semiconductors / Freescale
Description	KINETIS KL81: 72MHZ CORTEX-M0+ S	Lead Free Status / RoHS Status	
Quantity Available	17801 pcs	Data sheet	MKL8x MCU Family Fact Sheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	80-LQFP (12x12)	Speed	72MHz
Series	Kinetis KL8	RAM Size	96K 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	80-LQFP	Other Names	568-14515 935316201557 MKL81Z128VLK7-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	56	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	13 Weeks	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0+ Kinetis KL8 Microcontroller IC 32-Bit 72MHz 128KB (128K x 8) FLASH 80-LQFP (12x12)	Data Converters	A/D 12x16b, D/A 1x6b, 1x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	PC, SPI, UART/USART, USB OTG		
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RELATED PRODUCTS			
	Part#: MKL82Z128VMP7 Description: KINETIS KL82: 72MHZ CORTEX-M0+ S	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL82Z128VLK7 Description: IC MCU 32BIT 128KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKLPMA01308A Description: TOOL PART CAM ROLLER	Manufacturers: JST	RFQ
	Part#: MKL46Z256VLL4 Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL81Z128VMC7 Description: KINETIS L 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL81Z128VMC7R Description: KINETIS L 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL46Z256VLH4 Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL82Z128VLK7R Description: KINETIS L 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL46Z256VMC4 Description: IC MCU 32BIT 256KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKL43Z256VLH4 Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL82Z128VMC7 Description: IC MCU 32BIT 128KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKLPMA01337A Description: TOOL PART CAM ROLLER SHAFT	Manufacturers: JST	RFQ
	Part#: MKL46Z256VMP4 Description: KINETIS KL46: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL81Z128CBH7R Description: KINETIS L 32-BIT MCU ARM CORTEX-	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL46Z128VLH4 Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL81Z128VMP7 Description: KINETIS KL81: 72MHZ CORTEX-M0+ S	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL43Z128VMP4 Description: KINETIS KL43: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL46Z128VLL4 Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL43Z256VMP4 Description: IC MCU 32BIT 256KB FLASH 64LFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ

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