

MKL81Z128VMP7



Part Number: [MKL81Z128VMP7](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

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

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

RoHs Status:

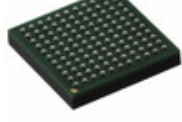
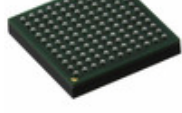
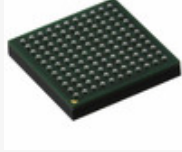
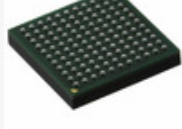
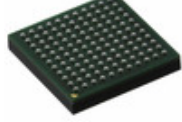
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PRODUCT PARAMETER			
Part Number	MKL81Z128VMP7	Manufacturer	NXP Semiconductors / Freescale
Description	KINETIS KL81: 72MHZ CORTEX-M0+ S	Lead Free Status / RoHS Status	
Quantity Available	18636 pcs	Data sheet	MKL8x MCU Family Fact Sheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	64-MAPBGA (5x5)	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	Package / Case	64-LFBGA
Other Names	935316036557	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	41
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 64-MAPBGA (5x5)
Data Converters	A/D 11x16b, D/A 1x6b, 1x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I ² C, SPI, UART/USART, USB OTG
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	Part#: MKL43Z128VMP4 Description: KINETIS KL43: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL81Z128VLK7 Description: KINETIS KL81: 72MHZ CORTEX-M0+ S	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKL46Z128VLH4 Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKL82Z128VMC7 Description: IC MCU 32BIT 128KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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