

MKL17Z64VDA4



Part Number: [MKL17Z64VDA4](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 64KB FLASH 36XFBGA

Data sheet:  [KL17 Family Ref Manual](#)
 [KL14,KL15 Product Brief](#)
 [MKL17Z32Vxx4\(R\), 64Vxx4\(R\)](#)

RoHs Status: Lead free / RoHS Compliant

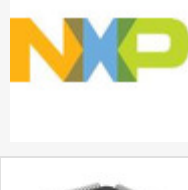
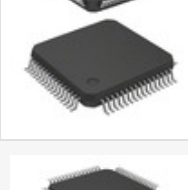
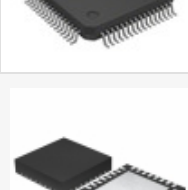
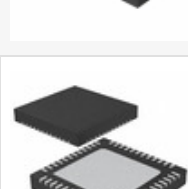
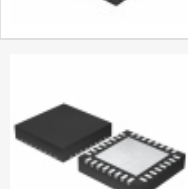
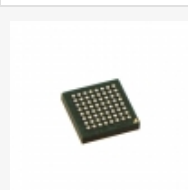
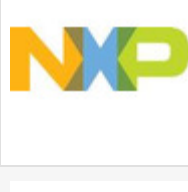
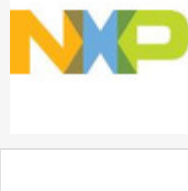
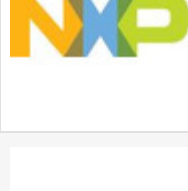
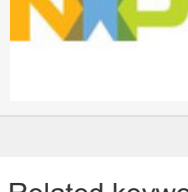
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PRODUCT PARAMETER			
Part Number	MKL17Z64VDA4	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 64KB FLASH 36XFBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	35561 pcs	Data sheet	KL17 Family Ref Manual KL14,KL15 Product Brief MKL17Z32Vxx4(R), 64Vxx4(R)
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	36-XFBGA (3.5x3.5)	Speed	48MHz
Series	Kinetis KL1	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	DMA, I ² S, PWM, WDT	Packaging	Tray
Package / Case	36-XFBGA	Other Names	935315376557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	32	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0+ Kinetis KL1 Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 36-XFBGA (3.5x3.5)	Data Converters	A/D 15x16b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	I ² C, FlexIO, SPI, UART/USART		
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	Part#: MKL17Z32VFM4 Description: IC MCU 32BIT 32KB FLASH 32QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL17Z64VLH4R Description: KINETIS KL17: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL17Z32VLH4 Description: IC MCU 32BIT 32KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL17Z64VLH4 Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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