

MKL27Z256VLH4



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Part Number: [MKL27Z256VLH4](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 256KB FLASH 64LQFP

Data sheet:  [MKL27Z\(128,256\)Vxx4 Datasheet](#)
 [KLx7 Prod Brief](#)

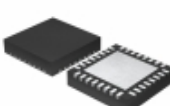
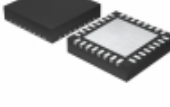
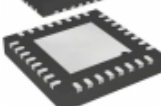
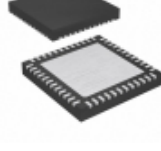
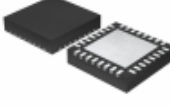
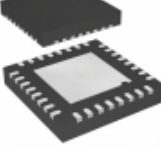
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	MKL27Z256VLH4	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 256KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	18450 pcs	Data sheet	MKL27Z(128,256)Vxx4 Datasheet KLx7 Prod Brief
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	64-LQFP (10x10)	Speed	48MHz
Series	Kinetis KL2	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	DMA, I ² S, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP	Other Names	935315379557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	50	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®-M0+ Kinetis KL2 Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 64-LQFP (10x10)
Data Converters	A/D 16x16b, D/A 1x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I ² C, SPI, UART/USART, USB
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