

MKL27Z256VFM4R



Part Number: [MKL27Z256VFM4R](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: KINETIS L 32-BIT MCU ARM CORTEX

Data sheet:  [MKL27Z\(128,256\)Vxx4](#)

RoHs Status:

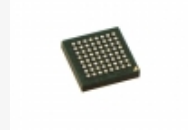
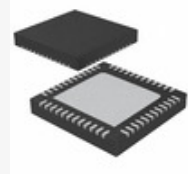
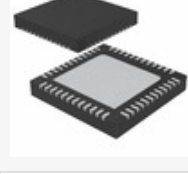
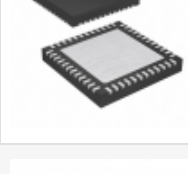
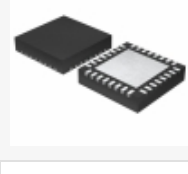
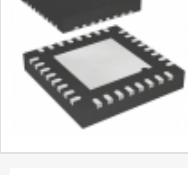
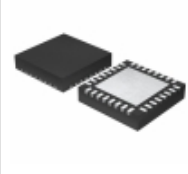
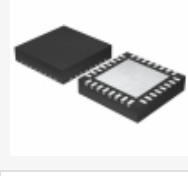
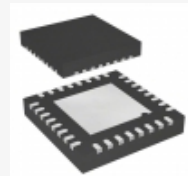
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PRODUCT PARAMETER			
Part Number	MKL27Z256VFM4R	Manufacturer	NXP Semiconductors / Freescale
Description	KINETIS L 32-BIT MCU ARM CORTEX	Lead Free Status / RoHS Status	
Quantity Available	31849 pcs	Data sheet	MKL27Z(128,256)Vxx4
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	32-QFN (5x5)	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	Tape & Reel (TR)
Package / Case	32-UQFN Exposed Pad	Other Names	935312558528
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	23	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0+ Kinetis KL2 Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 32-QFN (5x5)	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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	Part#: MKL26Z64VLH4 Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKL27Z256VMP4 Description: IC MCU 32BIT 256KB FLASH 64BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKL27Z128VMP4 Description: IC MCU 32BIT 128KB FLASH 64BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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