

MKL36Z256VLL4R



Part Number: [MKL36Z256VLL4R](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 256KB FLASH 100LQFP

Data sheet:  [Kinetis L Mask Errata](#)
 [Embedded Solutions Brochure](#)
 [MKL36ZzzzVLx4, MKL36ZzzzVMx4](#)

RoHs Status: Lead free / RoHS Compliant

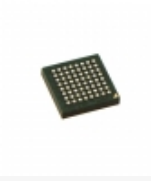
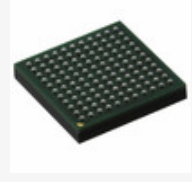
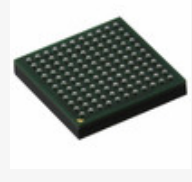
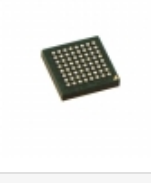
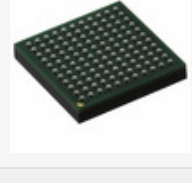
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PRODUCT PARAMETER			
Part Number	MKL36Z256VLL4R	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 256KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	28857 pcs	Data sheet	Kinetis L Mask Errata Embedded Solutions Brochure MKL36ZzzzVLx4
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Mkl36ZzzzVMx4 1.71V ~ 3.6V
Supplier Device Package	100-LQFP (14x14)	Speed	48MHz
Series	Kinetis KL3	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, LCD, LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	100-LQFP	Other Names	935311231528
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	84	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0+ Kinetis KL3 Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 100-LQFP (14x14)	Data Converters	A/D - 16bit, D/A - 12bit
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	I ² C, LINbus, SPI, UART/USART		
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	Part#: MKL43Z256VLH4 Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKL36Z256VMP4 Description: KINETIS KL36: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL36Z64VLH4 Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKL36Z128VLH4 Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL43Z128VMP4 Description: KINETIS KL43: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL36Z128VLL4 Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL36Z256VLH4 Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL36Z128VMC4 Description: IC MCU 32BIT 128KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ

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