

MKL36Z128VLL4R



Part Number: [MKL36Z128VLL4R](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: KINETIS L 32-BIT MCU ARM CORTEX

Data sheet:  [MKL36ZzzzVLx4](#), [MKL36ZzzzVMx4](#)

RoHs Status:

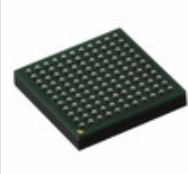
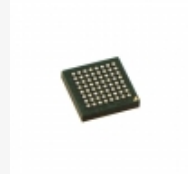
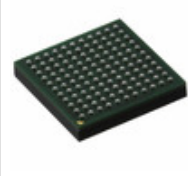
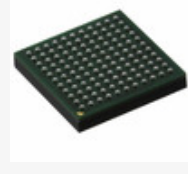
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PRODUCT PARAMETER		
Part Number	MKL36Z128VLL4R	Manufacturer NXP Semiconductors / Freescale
Description	KINETIS L 32-BIT MCU ARM CORTEX	Lead Free Status / RoHS Status
Quantity Available	27609 pcs	Data sheet MKL36ZzzzVLx4 , MKL36ZzzzVMx4
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd) 1.71 V ~ 3.6 V
Supplier Device Package	100-LQFP (14x14)	Speed 48MHz
Series	Kinetis KL3	RAM Size 16K x 8
Program Memory Type	FLASH	Program Memory Size 128KB (128K 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 935316134528
Oscillator Type	Internal	Operating Temperature -40°C ~ 105°C (TA)
Number of I/O	84	Moisture Sensitivity Level (MSL) 3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks	EEPROM Size -
Detailed Description	ARM® Cortex®-M0+ Kinetis KL3 Microcontroller IC 32-Bit 48MHz 128KB (128K 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#: MKL36Z256VMC4 Description: IC MCU 32BIT 256KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: MKL43Z128VMP4 Description: KINETIS KL43: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: MKL43Z128VLH4 Description: KINETIS KL43: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale RFQ
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	Part#: MKL36Z256VMP4 Description: KINETIS KL36: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale RFQ
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