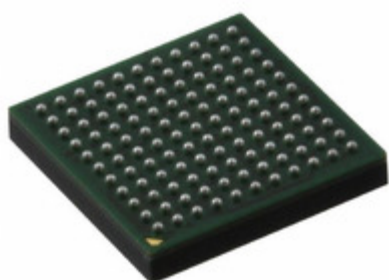


MKL36Z256VMP4



Part Number: [MKL36Z256VMP4](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: KINETIS KL36: 48MHZ CORTEX-M0+ U

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

RoHs Status:

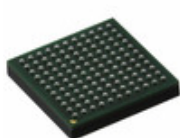
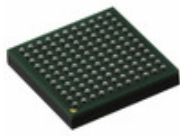
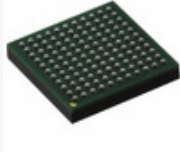
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PRODUCT PARAMETER		
Part Number	MKL36Z256VMP4	Manufacturer NXP Semiconductors / Freescale
Description	KINETIS KL36: 48MHZ CORTEX-M0+ U	Lead Free Status / RoHS Status
Quantity Available	28958 pcs	Data sheet MKL36ZzzzVLx4 , MKL36ZzzzVMx4 1.71 V ~ 3.6 V
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd) 48MHz
Supplier Device Package	121-MAPBGA (8x8)	Speed 32K x 8
Series	Kinetis KL3	RAM Size 256KB (256K 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 Tray
Package / Case	121-LFBGA	Other Names 568-14201 935318041557 MKL36Z256VMP4-ND
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	EEPROM Size -
Detailed Description	ARM® Cortex®-M0+ Kinetis KL3 Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 121-MAPBGA (8x8)	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#: MKL36Z128VMC4 Description: IC MCU 32BIT 128KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale RFQ
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	Part#: MKL43Z256VLH4 Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: MKL36Z64VLL4 Description: IC MCU 32BIT 64KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: MKL43Z128VLH4 Description: KINETIS KL43: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale RFQ
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