

NXP Semiconductors / Freescale

MKL46Z256VMP4

Part Number:	MKL46Z256VMP4
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	KINETIS KL46: 48MHZ CORTEX-M0+ U
Datasheets:	
Stock Condition	15434 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MKL46Z256VMP4

PART NUMBER	MKL46Z256VMP4
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	KINETIS KL46: 48MHZ CORTEX-M0+ U
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	15434 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-MAPBGA (5x5)
SPEED	48MHz
SERIES	Kinetis KL4
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-LFBGA
OTHER NAMES	568-14184 935311622557 MKL46Z256VMP4-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	50
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ Kinetis KL4 Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 64-MAPBGA (5x5)
DATA CONVERTERS	A/D 16x16b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I²C, LINbus, SPI, UART/USART, USB, USB OTG

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	MKL82Z128VLK7 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 80LQFP In stock: 10792 pcs RFQ		MKL81Z128VMP7 Manufacturers: NXP Description: KINETIS KL81: 72MHZ CORTEX-M0+ S In stock: 18230 pcs RFQ
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	MKL46Z256VMC4 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 121BGA In stock: 19213 pcs RFQ		MKL81Z128VLK7 Manufacturers: NXP Description: KINETIS KL81: 72MHZ CORTEX-M0+ S In stock: 9892 pcs RFQ
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