

## MKV10Z32VLC7



**Part Number:** [MKV10Z32VLC7](#)  
**Manufacturer:** [NXP Semiconductors / Freescale](#)  
**Description:** IC MCU 32BIT 32KB FLASH 32LQFP  
**Data sheet:** [Kinetis MCU ARM Overview](#)  
[MKV10Z32,16VxxY Datasheet](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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 See Product Specifications for product details.  
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### PRODUCT PARAMETER

<b>Part Number</b>	MKV10Z32VLC7	<b>Manufacturer</b>	<a href="#">NXP Semiconductors / Freescale</a>
<b>Description</b>	IC MCU 32BIT 32KB FLASH 32LQFP	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	37838 pcs	<b>Data sheet</b>	<a href="#">Kinetis MCU ARM Overview</a> <a href="#">MKV10Z32,16VxxY Datasheet</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply (Vcc/Vdd)</b>	1.71 V ~ 3.6 V
<b>Supplier Device Package</b>	32-LQFP (7x7)	<b>Speed</b>	75MHz
<b>Series</b>	Kinetis KV	<b>RAM Size</b>	8K x 8
<b>Program Memory Type</b>	FLASH	<b>Program Memory Size</b>	32KB (32K x 8)
<b>Peripherals</b>	DMA, WDT	<b>Packaging</b>	Tray
<b>Package / Case</b>	32-LQFP	<b>Other Names</b>	935315329557
<b>Oscillator Type</b>	Internal	<b>Operating Temperature</b>	-40°C ~ 105°C (TA)
<b>Number of I/O</b>	28	<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Manufacturer Standard Lead Time</b>	13 Weeks	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>EEPROM Size</b>	-	<b>Detailed Description</b>	ARM® Cortex®-M0+ Kinetis KV Microcontroller IC 32-Bit 75MHz 32KB (32K x 8) FLASH 32-LQFP (7x7)
<b>Data Converters</b>	A/D 16x12b, D/A 1x12b	<b>Core Size</b>	32-Bit
<b>Core Processor</b>	ARM® Cortex®-M0+	<b>Connectivity</b>	I <sup>2</sup> C, SPI, UART/USART

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	<b>Part#:</b> <a href="#">MKV10Z32VFM7R</a> <b>Description:</b> KINETIS KV10: 75MHZ CORTEX-M0+ R	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
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