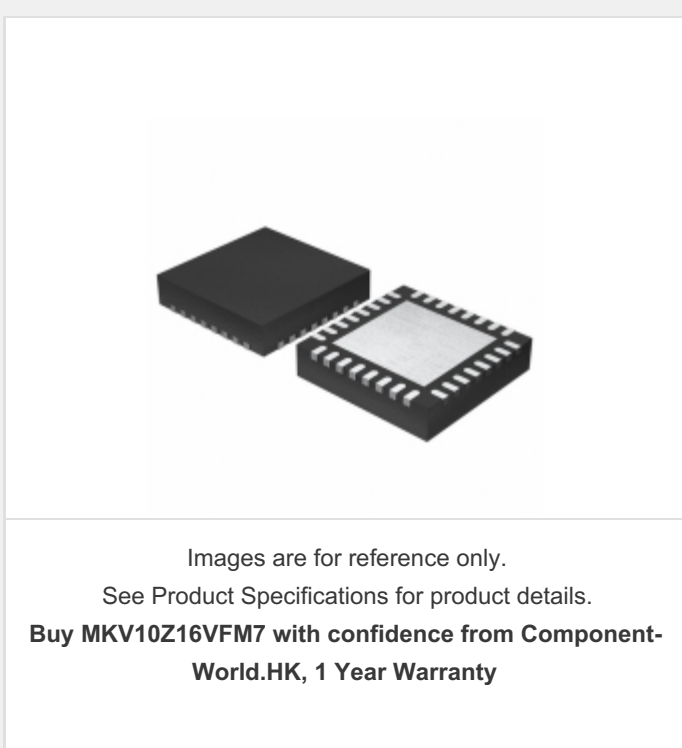


## MKV10Z16VFM7



**Part Number:** [MKV10Z16VFM7](#)  
**Manufacturer:** [NXP Semiconductors / Freescale](#)  
**Description:** IC MCU 32BIT 16KB FLASH 32QFN  
**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

[Request For Quotation](#)

PRODUCT PARAMETER	
<b>Part Number</b>	MKV10Z16VFM7
<b>Description</b>	IC MCU 32BIT 16KB FLASH 32QFN
<b>Quantity Available</b>	46423 pcs
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>
<b>Supplier Device Package</b>	32-QFN (5x5)
<b>Series</b>	Kinetis KV
<b>Program Memory Type</b>	FLASH
<b>Peripherals</b>	DMA, WDT
<b>Package / Case</b>	32-VFQFN Exposed Pad
<b>Oscillator Type</b>	Internal
<b>Number of I/O</b>	28
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Detailed Description</b>	ARM® Cortex®-M0+ Kinetis KV Microcontroller IC 32-Bit 75MHz 16KB (16K x 8) FLASH 32-QFN (5x5)
<b>Core Size</b>	32-Bit
<b>Connectivity</b>	I <sup>2</sup> C, SPI, UART/USART
<b>Manufacturer</b>	<a href="#">NXP Semiconductors / Freescale</a>
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	<a href="#">Kinetis MCU ARM Overview</a> <a href="#">MKV10Z32,16VxxY Datasheet</a>
<b>Voltage - Supply (Vcc/Vdd)</b>	1.71 V ~ 3.6 V
<b>Speed</b>	75MHz
<b>RAM Size</b>	8K x 8
<b>Program Memory Size</b>	16KB (16K x 8)
<b>Packaging</b>	Tray
<b>Other Names</b>	935320137557
<b>Operating Temperature</b>	-40°C ~ 105°C (TA)
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>EEPROM Size</b>	-
<b>Data Converters</b>	A/D 16x12b, D/A 1x12b
<b>Core Processor</b>	ARM® Cortex®-M0+

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	<b>Part#:</b> <a href="#">MKV10Z64VLF7</a> <b>Description:</b> IC MCU 32BIT 64KB FLASH 48LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV10Z32VLC7</a> <b>Description:</b> IC MCU 32BIT 32KB FLASH 32LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV10Z128VLH7</a> <b>Description:</b> IC MCU 32BIT 128KB FLASH 64LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV10Z16VLC7</a> <b>Description:</b> IC MCU 32BIT 16KB FLASH 32LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV10Z64VFM7P</a> <b>Description:</b> KV11 128K RP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<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>
	<b>Part#:</b> <a href="#">MKV11Z128VLF7</a> <b>Description:</b> IC MCU 32BIT 128KB FLASH 48LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV10Z64VFM7</a> <b>Description:</b> IC MCU 32BIT 64KB FLASH 32QFN	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV11Z128VFM7P</a> <b>Description:</b> KV11 128 RP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV10Z32VLC7R</a> <b>Description:</b> IC MCU 32BIT 32KB FLASH 32LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV10Z64VLH7</a> <b>Description:</b> IC MCU 32BIT 64KB FLASH 64LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">MKV10Z64VLF7P</a> <b>Description:</b> KV11 128 RP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV10Z32VFM7</a> <b>Description:</b> IC MCU 32BIT 32KB FLASH 32QFN	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV10Z64VLH7P</a> <b>Description:</b> KV11 128K RP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">MKV10Z16VLF7</a> <b>Description:</b> IC MCU 32BIT 16KB FLASH 48LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
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