

## MKV31F512VLH12



Images are for reference only.  
See Product Specifications for product details.  
Buy MKV31F512VLH12 with confidence from  
Component-World.HK, 1 Year Warranty



**Part Number:** [MKV31F512VLH12](#)  
**Manufacturer:** [NXP Semiconductors / Freescale](#)  
**Description:** IC MCU 32BIT 512KB FLASH 64LQFP  
**Data sheet:** [MKV31F512VL\(H,L\)12](#)  
[KV31F Family Manual](#)

**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>	MKV31F512VLH12	<b>Manufacturer</b>	<a href="#">NXP Semiconductors / Freescale</a>
<b>Description</b>	IC MCU 32BIT 512KB FLASH 64LQFP	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	17970 pcs	<b>Data sheet</b>	<a href="#">MKV31F512VL(H,L)12</a> <a href="#">KV31F Family Manual</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>	64-LQFP (10x10)	<b>Speed</b>	120MHz
<b>Series</b>	Kinetis KV	<b>RAM Size</b>	96K x 8
<b>Program Memory Type</b>	FLASH	<b>Program Memory Size</b>	512KB (512K x 8)
<b>Peripherals</b>	DMA, PWM, WDT	<b>Packaging</b>	Tray
<b>Package / Case</b>	64-LQFP	<b>Other Names</b>	935320261557
<b>Oscillator Type</b>	Internal	<b>Operating Temperature</b>	-40°C ~ 105°C (TA)
<b>Number of I/O</b>	46	<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®-M4 Kinetis KV Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 64-LQFP (10x10)
<b>Data Converters</b>	A/D 2x16b, D/A 1x12b	<b>Core Size</b>	32-Bit
<b>Core Processor</b>	ARM® Cortex®-M4	<b>Connectivity</b>	I <sup>2</sup> C, SPI, UART/USART

Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 17970 pieces of NXP Semiconductors / Freescale MKV31F512VLH12 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.  
RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">MKV42F128VLH16</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="#">MKV42F128VLL16</a> <b>Description:</b> IC MCU 32BIT 128KB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV31F256VLH12R</a> <b>Description:</b> KINETIS KV31: 120MHZ CORTEX-M4F	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV31F512VLH12R</a> <b>Description:</b> KINETIS KV31: 120MHZ CORTEX-M4F	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV42F128VLF16</a> <b>Description:</b> KINETIS V 32-BIT MCU ARM CORTEX	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV42F256VLL16</a> <b>Description:</b> IC MCU 32BIT 256KB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV31F128VLH10</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="#">MKV30F64VLF10</a> <b>Description:</b> KINETIS KV30: 100MHZ CORTEX-M4F	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV30F64VLH10</a> <b>Description:</b> IC MCU 32BIT 64KB FLASH 64LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV31F256VLH12P</a> <b>Description:</b> IC MCU 32BIT 256KB FLASH 64LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV42F256VLH16</a> <b>Description:</b> IC MCU 32BIT 256KB FLASH LQFP 64	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV31F512VLL12P</a> <b>Description:</b> IC MCU 32BIT 512KB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV31F512VLL12</a> <b>Description:</b> IC MCU 32BIT 512KB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV42F64VLF16</a> <b>Description:</b> KINETIS V 32-BIT MCU ARM CORTEX	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV31F128VLL10</a> <b>Description:</b> IC MCU 32BIT 128KB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV31F256VLL12</a> <b>Description:</b> IC MCU 32BIT 256KB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV31F256VLH12</a> <b>Description:</b> IC MCU 32BIT 256KB FLASH 64LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV30F64VLF10R</a> <b>Description:</b> KINETIS KV30: 100MHZ CORTEX-M4F	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV40F256VLL15</a> <b>Description:</b> IC MCU 32BIT 256KB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MKV31F128VLH10P</a> <b>Description:</b> IC MCU 32BIT 128KB FLASH 64LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>

### Related keywords for MKV31F512VLH12

NXP Semiconductors / Freescale	MKV31F512VLH12 distributor	MKV31F512VLH12 supplier	MKV31F512VLH12 price
MKV31F512VLH12	MKV31F512VLH12 download datasheet	MKV31F512VLH12 datasheet	MKV31F512VLH12 stock
buy MKV31F512VLH12	NXP Semiconductors / Freescale	NXP Semiconductors MKV31F512VLH12	Freescale MKV31F512VLH12
	MKV31F512VLH12	Freescale Semiconductor - NXP MKV31F512VLH12	NXP USA Inc. MKV31F512VLH12