
















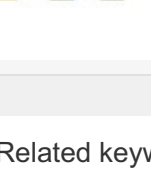

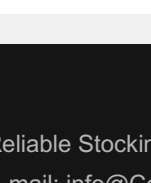



MKV31F512VLL12

	<p>Part Number: MKV31F512VLL12</p> <p>Manufacturer: NXP Semiconductors / Freescale</p> <p>Description: IC MCU 32BIT 512KB FLASH 100LQFP</p> <p>Data sheet: MKV31F512VL(H,L)12 KV31F Family Manual</p>	<p>RoHS Status: Lead free / RoHS Compliant</p> <p>Ship From: Hong Kong</p> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>
<p>Images are for reference only. See Product Specifications for product details. Buy MKV31F512VLL12 with confidence from Component-World.HK, 1 Year Warranty</p>		
<p>Request For Quotation</p>		

PRODUCT PARAMETER			
Part Number	MKV31F512VLL12	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	18814 pcs	Data sheet	MKV31F512VL(H,L)12 KV31F Family Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	100-LQFP (14x14)	Speed	120MHz
Series	Kinetis KV	RAM Size	96K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	DMA, PWM, WDT	Packaging	Tray
Package / Case	100-LQFP	Other Names	935320286557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	70	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	13 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4 Kinetis KV Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 100-LQFP (14x14)
Data Converters	A/D 2x16b, D/A 1x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4	Connectivity	I ² C, SPI, UART/USART

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	Part#: MKV30F64VLH10 Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKV42F128VLH16 Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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