

MKV31F512VLH12R



Part Number: [MKV31F512VLH12R](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: KINETIS KV31: 120MHZ CORTEX-M4F

Data sheet:

RoHs Status:

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	MKV31F512VLH12R	Manufacturer	NXP Semiconductors / Freescale
Description	KINETIS KV31: 120MHZ CORTEX-M4F	Lead Free Status / RoHS Status	
Quantity Available	28870 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	64-LQFP (10x10)	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	Tape & Reel (TR)
Package / Case	64-LQFP	Other Names	935320261528
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	46	Manufacturer Standard Lead Time	13 Weeks
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4 Kinetis KV Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 64-LQFP (10x10)
Data Converters	A/D 2x16b, D/A 1x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4	Connectivity	I²C, SPI, UART/USART
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	Part#: MKV42F64VLF16 Description: KINETIS V 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
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