

MKV30F64VLF10



Part Number: [MKV30F64VLF10](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: KINETIS KV30: 100MHZ CORTEX-M4F

Data sheet:  [KV30F & KV31F Family Prod Brief](#)
 [MKV30F64Vxx10,128Vxx10 Datasheet](#)
 [KV30F Family Manual](#)

RoHs Status:

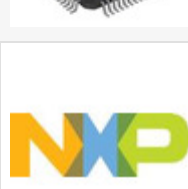
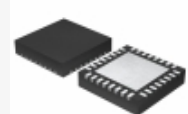
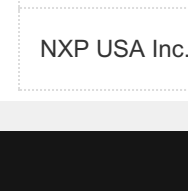
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PRODUCT PARAMETER			
Part Number	MKV30F64VLF10	Manufacturer	NXP Semiconductors / Freescale
Description	KINETIS KV30: 100MHZ CORTEX-M4F	Lead Free Status / RoHS Status	
Quantity Available	34973 pcs	Data sheet	KV30F & KV31F Family Prod Brief MKV30F64Vxx10,128Vxx10 Datasheet KV30F Family Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	48-LQFP (7x7)	Speed	100MHz
Series	Kinetis KV	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	DMA, PWM, WDT	Packaging	Tray
Package / Case	48-LQFP	Other Names	568-14516 935312863557 MKV30F64VLF10-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	35	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	13 Weeks	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4 Kinetis KV Microcontroller IC 32-Bit 100MHz 64KB (64K x 8) FLASH 48-LQFP (7x7)	Data Converters	A/D 2x16b, D/A 1x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	PC, SPI, UART/USART		
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RELATED PRODUCTS			
	Part#: MKV30F128VLF10 Description: KINETIS KV30: 100MHZ CORTEX-M4F	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKV31F128VLL10 Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKV250V-KIT-2-DE Description: CAP KIT CER 10000PF-2.2UF 240PCS	Manufacturers: Murata Electronics	RFQ
	Part#: MKV30F128VLF10P Description: IC MCU 32BIT 128KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKV31F512VLH12 Description: IC MCU 32BIT 512KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKV250V-KIT-4-DE Description: CAP KIT CER 100PF-4700PF 580PCS	Manufacturers: Murata Electronics	RFQ
	Part#: MKV250V-KIT-3-DE Description: CAP KIT CER 10000PF-2.2UF 280PCS	Manufacturers: Murata Electronics	RFQ
	Part#: MKV31F256VLH12 Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKV30F128VLH10 Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKV11Z64VLH7 Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKV30F64VLF10R Description: KINETIS KV30: 100MHZ CORTEX-M4F	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKV31F128VLH10P Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKV31F256VLL12 Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKV30F128VFM10 Description: IC MCU 32BIT 128KB FLASH 32QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKV31F256VLH12R Description: KINETIS KV31: 120MHZ CORTEX-M4F	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKV31F128VLH10 Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKV30F64VFM10 Description: IC MCU 32BIT 64KB FLASH 32QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKV30F64VLH10 Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKV31F256VLH12P Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKV250V-KIT-1-DE Description: CAP KIT CER 1000PF-0.056UF 160PC	Manufacturers: Murata Electronics	RFQ

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