

MKV10Z16VLF7



Part Number: [MKV10Z16VLF7](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 16KB FLASH 48LQFP

Data sheet:  [Kinetis MCU ARM Overview](#)
 [MKV10Z32,16VxxY Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

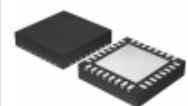
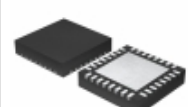
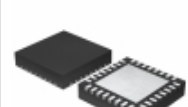
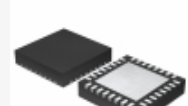
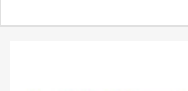
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PRODUCT PARAMETER			
Part Number	MKV10Z16VLF7	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 16KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	39592 pcs	Data sheet	Kinetis MCU ARM Overview MKV10Z32,16VxxY Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	48-LQFP (7x7)	Speed	75MHz
Series	Kinetis KV	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	DMA, WDT	Packaging	Tray
Package / Case	48-LQFP	Other Names	935323401557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	40	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®-M0+ Kinetis KV Microcontroller IC 32-Bit 75MHz 16KB (16K x 8) FLASH 48-LQFP (7x7)
Data Converters	A/D 16x12b, D/A 1x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I²C, SPI, UART/USART
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	Part#: MKV10Z32VLC7R Description: IC MCU 32BIT 32KB FLASH 32LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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