

MKE02Z32VLH2



Part Number: [MKE02Z32VLH2](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 32KB FLASH 64LQFP

Data sheet:  [840F-02 Pkg Drawing](#)
 [KE02 Sub-Family Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

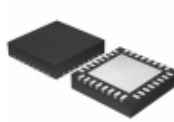
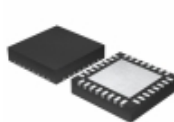
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PRODUCT PARAMETER			
Part Number	MKE02Z32VLH2	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 32KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	62391 pcs	Data sheet	840F-02 Pkg Drawing KE02 Sub-Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	64-LQFP (10x10)	Speed	20MHz
Series	Kinetis KE02	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	LVD, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP	Other Names	568-14514 935314985557 MKE02Z32VLH2-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	57	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	256 x 8
Detailed Description	ARM® Cortex®-M0+ Kinetis KE02 Microcontroller IC 32-Bit 20MHz 32KB (32K x 8) FLASH 64-LQFP (10x10)	Data Converters	A/D 16x12b, D/A 2x6b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	IPC, SPI, UART/USART		
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	Part#: MKE02Z32VLD4R Description: KINETIS KE02: 40MHZ CORTEX-M0+ 5	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKE02Z32VLC4 Description: IC MCU 32BIT 32KB FLASH 32LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKE02Z64VFM4 Description: IC MCU 32BIT 64KB FLASH 32QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKE02Z32VLC2R Description: KINETIS KE02: 20MHZ CORTEX-M0+ 5	Manufacturers: NXP Semiconductors / Freescale	RFQ
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