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See specifications for product details.



MKE02Z64VFM4

Manufacturer Part Number	MKE02Z64VFM4
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MKE02Z64VFM4
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 32BIT 64KB FLASH 32QFN
Package	32-VFQFN Exposed Pad
Data sheet	MKE02Z64VFM4.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MKE02Z64VFM4 - NXP USA Inc..New Original in Stock. Download Linear Technology MKE02Z64VFM4 datasheet/specifications on AllelcoElec.com.
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Specifications

MKE02Z64VFM4 Tech Specifications

MKE02Z64VFM4 - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	Operating Temperature	-40°C ~ 105°C (TA)
Supplier Device Package	32-HVQFN (5x5)	Number of I/O	28
Speed	40MHz	Mounting Type	Surface Mount, Wettable Flank
Series	Kinetis KE02	EEPROM Size	256 x 8
RAM Size	4K x 8	Data Converters	A/D 16x12b; D/A 2x6b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	64KB (64K x 8)	Core Processor	ARM® Cortex®-M0+
Peripherals	LVD, PWM, WDT	Connectivity	I²C, SPI, UART/USART
Package / Case	32-VFQFN Exposed Pad	Base Product Number	MKE02Z64
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MKE02Z64VFM4

Product Attribute				
Part Number	MKE02Z64VFM4	MKE02Z32VLD4R	MKE02Z32VLD2	MKE02Z32VLH2
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	Freescale Semiconductor
Program Memory Size	64KB (64K x 8)	32KB (32K x 8)	32KB (32K x 8)	32KB (32K x 8)
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
Core Processor	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+
Mounting Type	Surface Mount, Wettable Flank	Surface Mount	Surface Mount	Surface Mount
Speed	40MHz	40MHz	20MHz	20MHz
Number of I/O	28	37	37	57
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
Supplier Device Package	32-HVQFN (5x5)	44-LQFP (10x10)	44-LQFP (10x10)	64-LQFP (10x10)
Data Converters	A/D 16x12b; D/A 2x6b	A/D 16x12b; D/A 2x6b	A/D 16x12b; D/A 2x6b	A/D 16x12b; D/A 2x6b
Package	Tray	Tape & Reel (TR)	Tray	Bulk
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Connectivity	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART
Series	Kinetis KE02	Kinetis KE02	Kinetis KE02	Kinetis KE02
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Base Product Number	MKE02Z64	MKE02Z32	MKE02Z32	MKE02Z32
Peripherals	LVD, PWM, WDT	LVD, PWM, WDT	LVD, PWM, WDT	LVD, PWM, WDT
RAM Size	4K x 8	4K x 8	4K x 8	4K x 8
Package / Case	32-VFQFN Exposed Pad	44-LQFP	44-LQFP	64-LQFP
Oscillator Type	Internal	Internal	Internal	Internal

MKE02Z64VFM4 Datasheet PDF

Download MKE02Z64VFM4 pdf datasheets and NXP USA Inc. documentation for MKE02Z64VFM4 - NXP USA Inc..

PCN Packaging

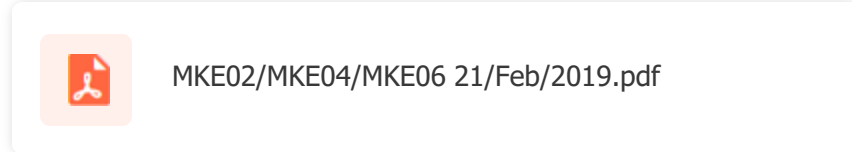
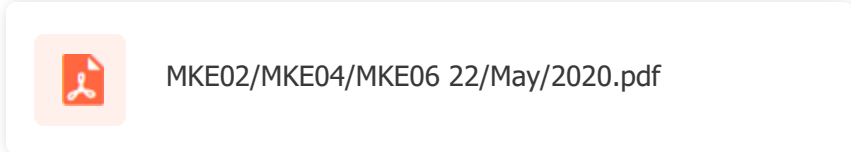
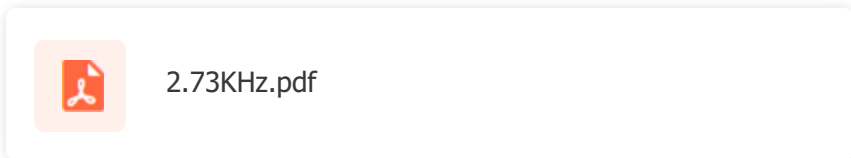
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MKE02Z32VLH4 NXP USA Inc. IC MCU 32BIT 32KB FLASH 64LQFP	MKE02Z64VLC4 NXP USA Inc. IC MCU 32BIT 64KB FLASH 32LQFP	MKE02Z32VLD4 NXP USA Inc. IC MCU 32BIT 32KB FLASH 44LQFP	MKE02Z32VLC4R NXP USA Inc. IC MCU 32BIT 32KB FLASH 32LQFP	MKE02Z32VLD2 Freescale Semiconductor IC MCU 32BIT 32KB FLASH 44LQFP	MKE02Z64VLD4R NXP USA Inc. IC MCU 32BIT 64KB FLASH 44LQFP
MKE02Z64VLD4 NXP USA Inc. IC MCU 32BIT 64KB FLASH 44LQFP	MKE02Z64VQH4 NXP USA Inc. IC MCU 32BIT 64KB FLASH 64QFP	MKE02Z64VLD2 Freescale Semiconductor IC MCU 32BIT 64KB FLASH 44LQFP	MKE02Z64VLH4 NXP USA Inc. IC MCU 32BIT 64KB FLASH 64LQFP	MKE02Z64VLD2 NXP USA Inc. IC MCU 32BIT 64KB FLASH 44LQFP	MKE02Z64VLH4R NXP USA Inc. IC MCU 32BIT 64KB FLASH 44LQFP

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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