

MKE02Z16VLD4



Part Number: [MKE02Z16VLD4](#)
Manufacturer: [NXP Semiconductors / Freescale](#)
Description: IC MCU 32BIT 16KB FLASH 44LQFP
Data sheet: [KE02 Sub-Family Ref Manual](#)
[KE02 Sub-Family Datasheet](#)

RoHS Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

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 See Product Specifications for product details.
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PRODUCT PARAMETER

Part Number	MKE02Z16VLD4	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 16KB FLASH 44LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	51567 pcs	Data sheet	KE02 Sub-Family Ref Manual KE02 Sub-Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	44-LQFP (10x10)	Speed	40MHz
Series	Kinetis KE02	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	LVD, PWM, WDT	Packaging	Tray
Package / Case	44-LQFP	Other Names	935324724557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	37	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	8 Weeks	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 40MHz 16KB (16K x 8) FLASH 44-LQFP (10x10)
Data Converters	A/D 16x12b, D/A 2x6b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I²C, SPI, UART/USART

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	Part#: MKE02Z32VLC4R Description: KINETIS KE02: 40MHZ CORTEX-M0+ 5	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKE02Z32VLD2R Description: IC MCU 32BIT 32KB FLASH 44LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKE02Z32VLD4R Description: KINETIS KE02: 40MHZ CORTEX-M0+ 5	Manufacturers: NXP Semiconductors / Freescale	RFQ
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