

MKE15Z256VLL7



Part Number: [MKE15Z256VLL7](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 256KB FLASH 100LQFP

Data sheet:  [MKE1xZ256 Product Brief](#)
 [MKE1xZ128, MKE1xZ256](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	MKE15Z256VLL7	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 256KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	17992 pcs	Data sheet	MKE1xZ256 Product Brief MKE1xZ128, MKE1xZ256
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	100-LQFP (14x14)	Speed	72MHz
Series	Kinetis KE1xZ	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	DMA, LVD, PWM, WDT	Packaging	Tray
Package / Case	100-LQFP	Other Names	935322432557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	89	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	20 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	34K x 8	Detailed Description	ARM® Cortex®-M0+ Kinetis KE1xZ Microcontroller IC 32-Bit 72MHz 256KB (256K x 8) FLASH 100-LQFP (14x14)
Data Converters	A/D 16x12b, D/A 1x8b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	FlexIO, I²C, SPI, UART/USART
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