

MK60DN256ZVLQ10



Part Number: [MK60DN256ZVLQ10](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 256KB FLASH 144LQFP

Data sheet:  [K60_ZLQ/ZMD10 Datasheet](#)
 [K6x Family Fact Sheet](#)
 [K60_ZLQ/ZMD10 Ref Manual](#)

RoHs Status: Lead free / RoHS Compliant

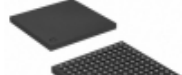
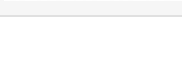
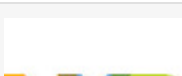
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PRODUCT PARAMETER			
Part Number	MK60DN256ZVLQ10	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 256KB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	11928 pcs	Data sheet	K60_ZLQ/ZMD10 Datasheet K6x Family Fact Sheet K60_ZLQ/ZMD10 Ref Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	144-LQFP (20x20)	Speed	100MHz
Series	Kinetis K60	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	DMA, I ² S, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Other Names	935317624557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	100	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4 Kinetis K60 Microcontroller IC 32-Bit 100MHz 256KB (256K x 8) FLASH 144-LQFP (20x20)	Data Converters	A/D 42x16b, D/A 2x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	CANbus, EBI/EMI, Ethernet, I ² C, IrDA, SD, SPI, UART/USART, USB, USB OTG	Base Part Number	MK60DN256
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	Part#: MK60DN256VLQ10 Description: IC MCU 32BIT 256KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK60DN512VMC10R Description: KINETIS K60: 100MHZ CORTEX-M4 MC	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK6040FE-R52 Description: RES 604 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
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