

MK60DN512ZCAB10R



Part Number: [MK60DN512ZCAB10R](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 120CSP

Data sheet:  [MK60DN512Z\(C\)AB10R](#)
 [K6x Family Fact Sheet](#)
 [K60_ZAB10 Ref Manual](#)

RoHs Status: Lead free / RoHS Compliant

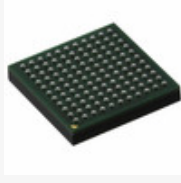
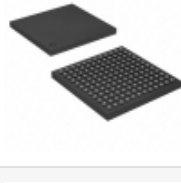
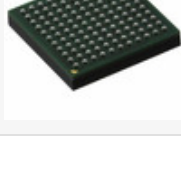
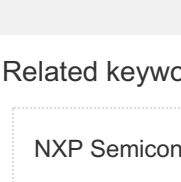
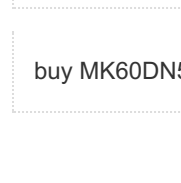
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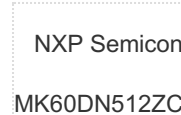
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MK60DN512ZCAB10R	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 120CSP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10063 pcs	Data sheet	MK60DN512Z(C)AB10R K6x Family Fact Sheet K60_ZAB10 Ref Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	120-WLCSP (5.29x5.28)	Speed	100MHz
Series	Kinetis K60	RAM Size	128K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	DMA, I ² S, LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	120-UFBGA, WLCSP	Other Names	935314698051
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4 Kinetis K60 Microcontroller IC 32-Bit 100MHz 512KB (512K x 8) FLASH 120-WLCSP (5.29x5.28)
Data Converters	A/D 38x16b, 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	K60DN512		
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	Part#: MK60DN256ZVLL10 Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK60DN512VLL10 Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK60DX256VMC10 Description: IC MCU 32BIT 256KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK60DX256VLQ10 Description: IC MCU 32BIT 256KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK60DN512ZVLQ10R Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK60DN512VMD10 Description: IC MCU 32BIT 512KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK60DN512ZVMD10 Description: IC MCU 32BIT 512KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK60DN512ZVLL10 Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK60DN512ZVLQ10 Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK60DN512VMC10R Description: KINETIS K60: 100MHZ CORTEX-M4 MC	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK60DX256VMD10 Description: IC MCU 32BIT 256KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK60DX256ZVLL10 Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

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