

MK20DN512ZCAB10R



Part Number: [MK20DN512ZCAB10R](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 120CSP

Data sheet:  [K20_ZAB10 Datasheet](#)
 [K2x USB MCU Family Fact Sheet](#)

RoHs Status: Lead free / RoHS Compliant

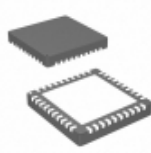
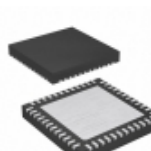
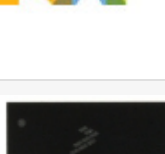
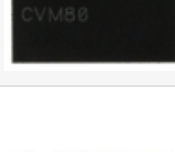
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PRODUCT PARAMETER			
Part Number	MK20DN512ZCAB10R	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 120CSP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	11394 pcs	Data sheet	K20_ZAB10 Datasheet K2x USB MCU Family Fact Sheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Sheet 1.71V ~ 3.6 V
Supplier Device Package	120-WLCSP (5.29x5.28)	Speed	100MHz
Series	Kinetis K20	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	935321918051
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	79	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 100MHz 512KB (512K x 8) FLASH 120-WLCSP (5.29x5.28)	Data Converters	-
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	CANbus, EBI/EMI, I ² C, IrDA, SD, SPI, UART/USART, USB, USB OTG	Base Part Number	MK20DN512
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	Part#: MK20DN32VLF5 Description: IC MCU 32BIT 32KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

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