



NXP Semiconductors / Freescale

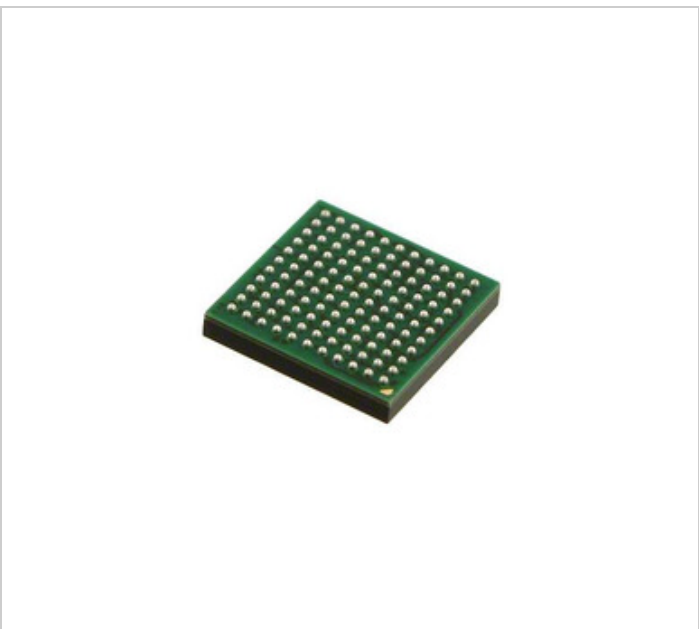


Image may be representation. See specifications for product details.

MK10DN512VMC10R

Part Number:	MK10DN512VMC10R
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 121BGA
	 1.MK10DN512VMC10R.pdf
	 2.MK10DN512VMC10R.pdf
	 3.MK10DN512VMC10R.pdf
	 4.MK10DN512VMC10R.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

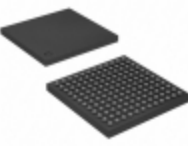
Specifications of MK10DN512VMC10R

PART NUMBER	MK10DN512VMC10R
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 121BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.MK10DN512VMC10R.pdf  2.MK10DN512VMC10R.pdf  3.MK10DN512VMC10R.pdf  4.MK10DN512VMC10R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	121-MAPBGA (8x8)
SPEED	100MHz
SERIES	Kinetis K10
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	121-LFBGA
OTHER NAMES	935314793518
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	90
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K10 Microcontroller IC 32-Bit 100MHz 512KB (512K x 8) FLASH 121-MAPBGA (8x8)
DATA CONVERTERS	A/D 42x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, I ² C, IrDA, SD, SPI, UART/USART
BASE PART NUMBER	MK10DN512

Related Tags

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Related Products

 MK10DN32VMP5 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 32KB FLASH 64MAPBGA In stock: 490 pcs RFQ	 MK10DN512ZVLL10R Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: Out stock RFQ
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