

NXP Semiconductors / Freescale

MK10DN512VLK10R

Part Number:	MK10DN512VLK10R
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	KINETIS K 32-BIT MCU ARM CORTEX
Datasheets:	
Stock Condition	15688 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

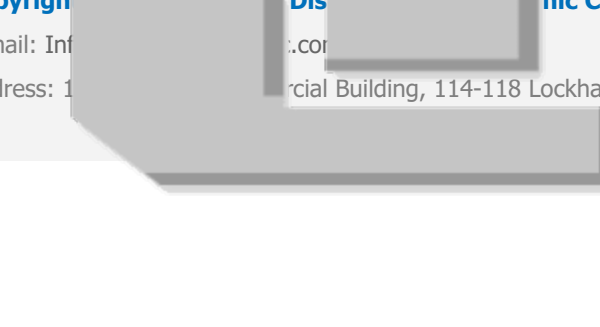
Specifications of MK10DN512VLK10R

PART NUMBER	MK10DN512VLK10R
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	KINETIS K 32-BIT MCU ARM CORTEX
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	15688 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	80-LQFP (12x12)
SPEED	100MHz
SERIES	Kinetis K10
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	80-LQFP
OTHER NAMES	935317605528
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	56
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K10 Microcontroller IC 32-Bit 100MHz 512KB (512K x 8) FLASH 80-LQFP (12x12)
DATA CONVERTERS	A/D 31x16b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, I²C, IrDA, SD, SPI, UART/USART

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	MK10DN512ZVLK10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 80LQFP In stock: 10967 pcs RFQ		MK10DN32VLF5 Manufacturers: NXP Description: IC MCU 32BIT 32KB FLASH 48LQFP In stock: 21394 pcs RFQ
	MK10DN512VLQ10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 8670 pcs RFQ		MK10DN512VLK10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 80LQFP In stock: 9160 pcs RFQ
	MK10DN512VLL10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 9116 pcs RFQ		MK10DN512VMC10R Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 121BGA In stock: 12777 pcs RFQ
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