

NXP Semiconductors / Freescale



MK10DN512VLK10

Part Number:	MK10DN512VLK10
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 80LQFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	9160 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

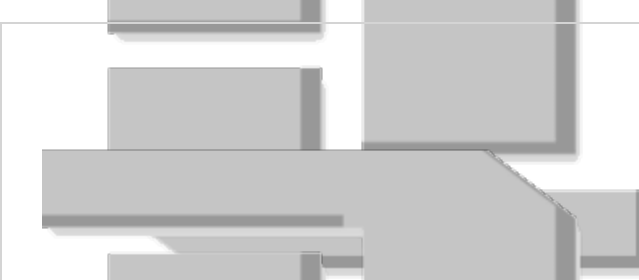
Specifications of MK10DN512VLK10

PART NUMBER	MK10DN512VLK10
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 80LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9160 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, I ² S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	80-LQFP
OTHER NAMES	935317605557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	56
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 80-LQFP (12x12)
DATA CONVERTERS	A/D 31x16b, D/A 1x12b
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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	MK10DN512VMC10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 121BGA In stock: 7090 pcs RFQ		MK10DN512VMD10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 10060 pcs RFQ
	MK10DN512VMC10R Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 121BGA In stock: 12777 pcs RFQ		MK10DN32VFT5 Manufacturers: NXP Description: IC MCU 32BIT 32KB FLASH 48QFN In stock: 25027 pcs RFQ
	MK10DN512VLK10R Manufacturers: NXP Description: KINETIS K 32-BIT MCU ARM CORTEX In stock: 15688 pcs RFQ		MK10DN32VLH5 Manufacturers: NXP Description: IC MCU 32BIT 32KB FLASH 64LQFP In stock: 21306 pcs RFQ
	MK10DN512VLL10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 9116 pcs RFQ		MK10DN32VFM5 Manufacturers: NXP Description: IC MCU 32BIT 32KB FLASH 32QFN In stock: 27059 pcs RFQ
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	MK10DN128VMP5 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 64BGA In stock: 14695 pcs RFQ		MK10DN32VMP5 Manufacturers: NXP Description: IC MCU 32BIT 32KB FLASH 64MAPBGA In stock: 19277 pcs RFQ

