

NXP Semiconductors / Freescale

MK20DN512VLK10

Part Number:	MK20DN512VLK10
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 80LQFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	7592 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

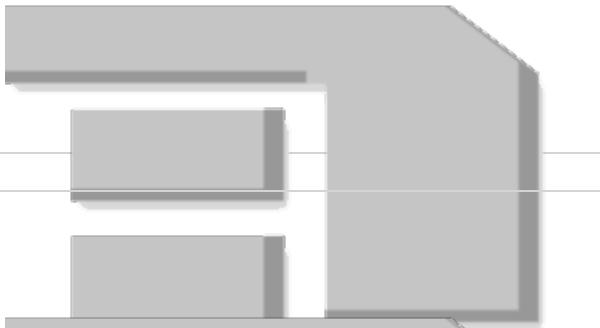
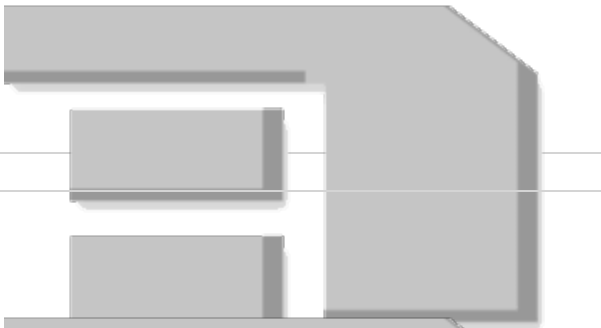
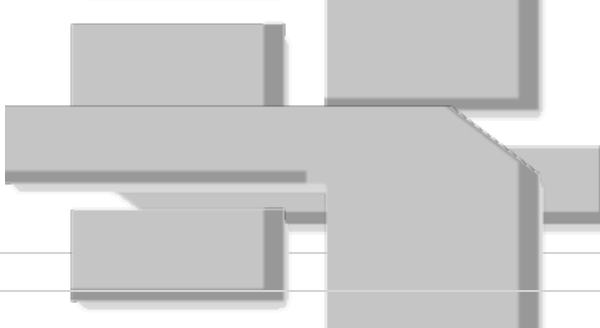
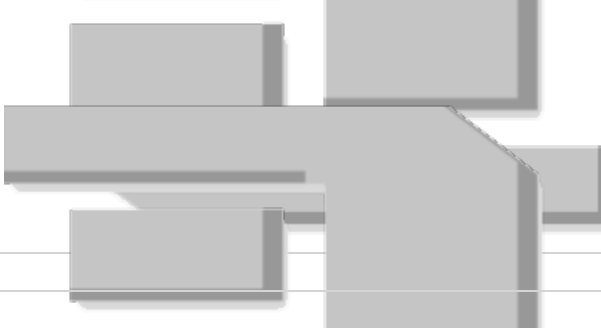
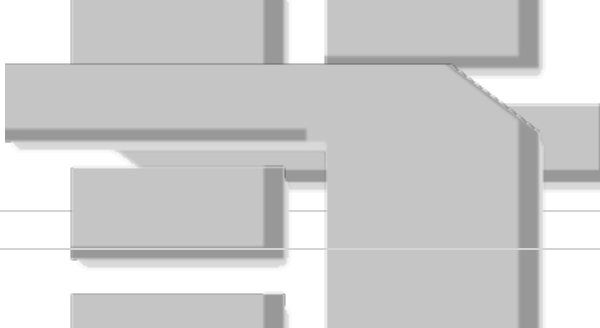
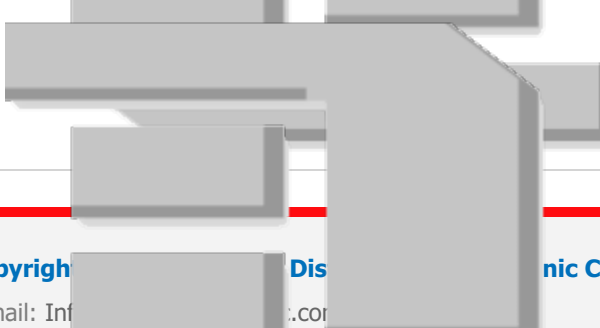
Specifications of MK20DN512VLK10

PART NUMBER	MK20DN512VLK10
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 80LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	7592 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	80-LQFP (12x12)
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	Tray
PACKAGE / CASE	80-LQFP
OTHER NAMES	935313065557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	52
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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 80-LQFP (12x12)
DATA CONVERTERS	A/D 27x16b, D/A 1x12b
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

Related Tags

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Related Products

	MK20DN512ZAB10R Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 120CSP In stock: 5757 pcs 		MK20DN512VMD10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 9272 pcs 
	MK20DN32VFM5 Manufacturers: NXP Description: IC MCU 32BIT 32KB FLASH 32QFN In stock: 19415 pcs 		MK20DN32VLH5 Manufacturers: NXP Description: IC MCU 32BIT 32KB FLASH 64LQFP In stock: 20930 pcs 
	MK20DN512VLK10R Manufacturers: NXP Description: KINETIS K 32-BIT MCU ARM CORTEX In stock: 15567 pcs 		MK20DN32VLF5 Manufacturers: NXP Description: IC MCU 32BIT 32KB FLASH 48LQFP In stock: 18341 pcs 
	MK20DN512VLL10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 9673 pcs 		MK20DN32VFT5 Manufacturers: NXP Description: IC MCU 32BIT 32KB FLASH 48QFN In stock: 17060 pcs 
	MK20DN32VMP5 Manufacturers: NXP Description: IC MCU 32BIT 32KB FLASH 64MAPBGA In stock: 17336 pcs 		MK20DN512VMC10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 121BGA In stock: 9923 pcs 
	MK20DN512VLQ10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 9410 pcs 		MK20DN128VMP5 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 64BGA In stock: 16565 pcs 