

NXP Semiconductors / Freescale

MK20DN512ZVMD10

Part Number:	MK20DN512ZVMD10
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 144BGA
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Stock Condition	12305 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

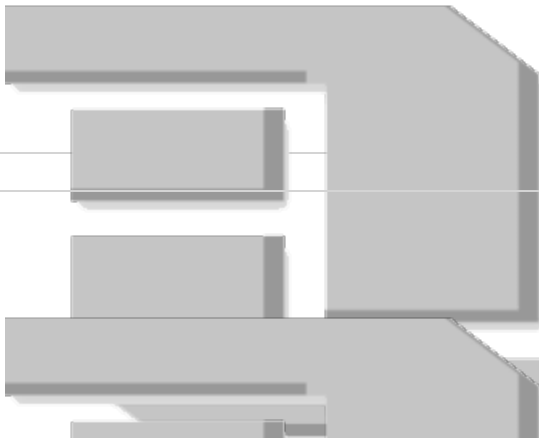
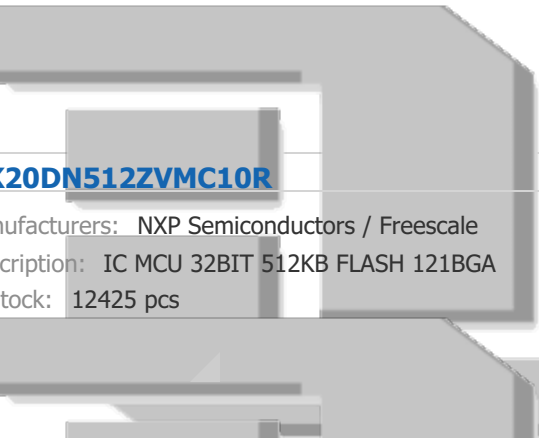
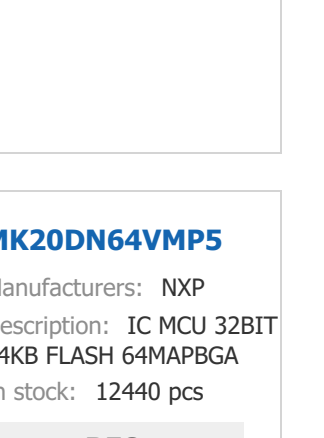
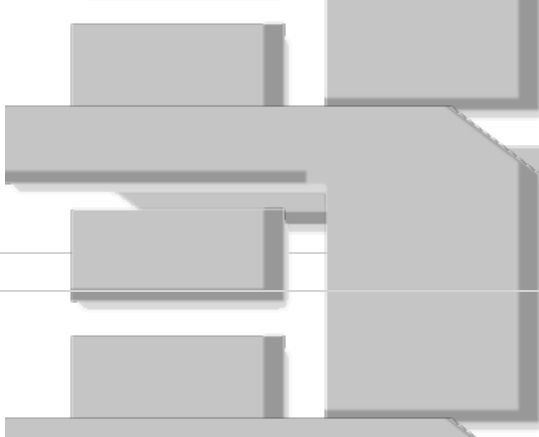
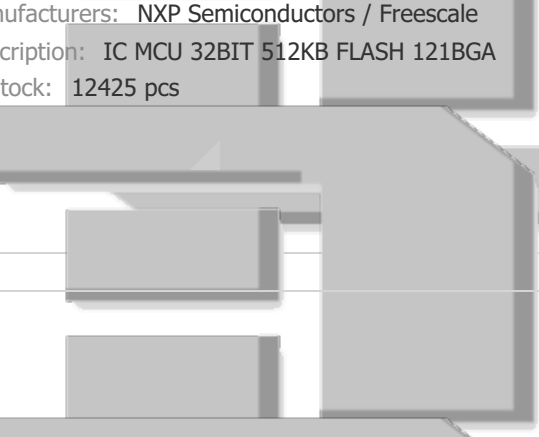
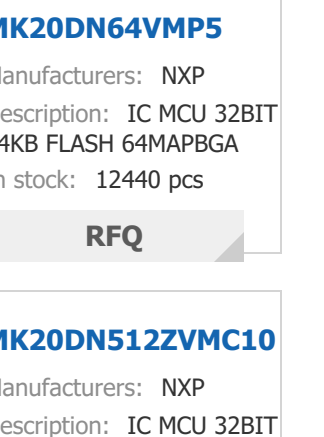
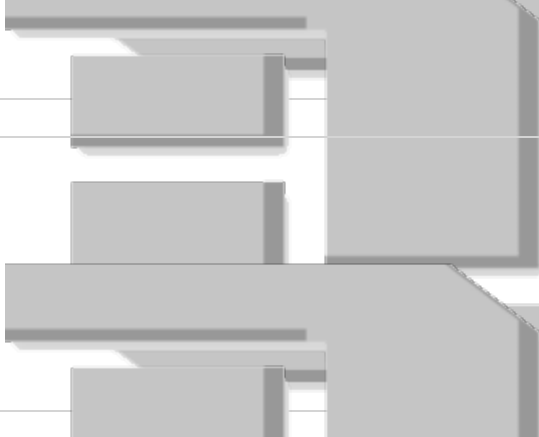
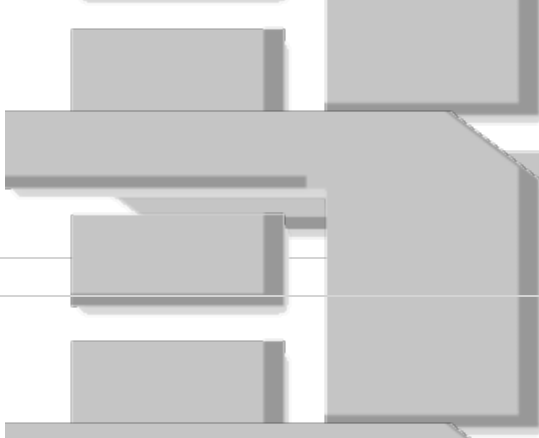
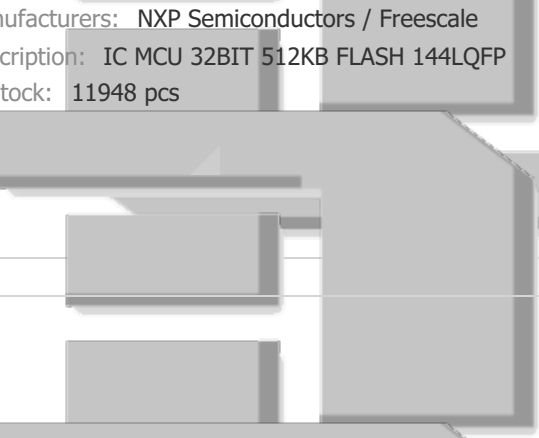
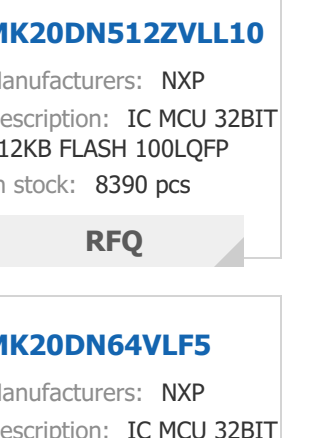
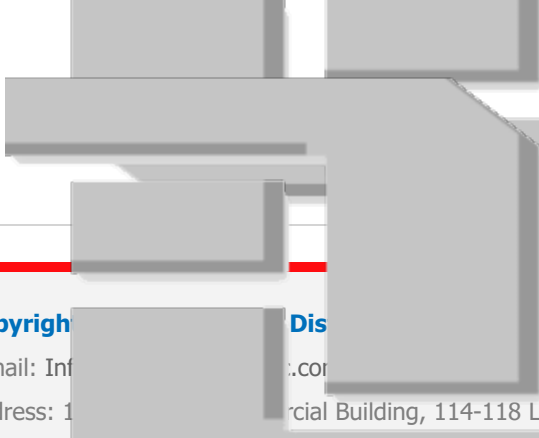
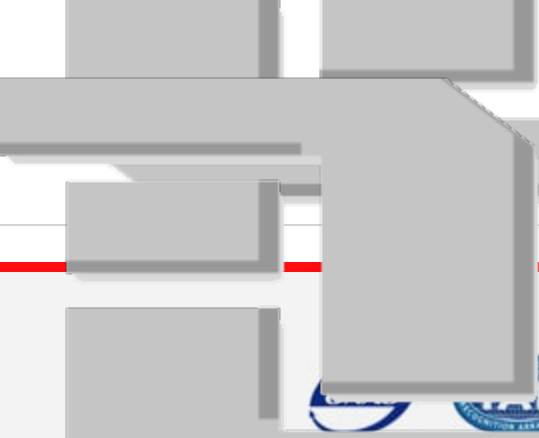
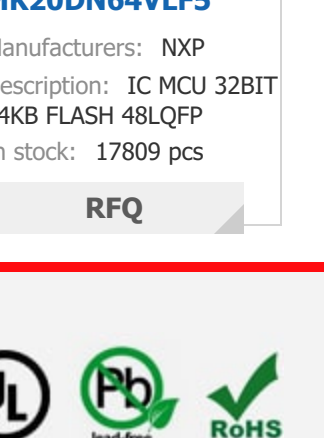
Specifications of MK20DN512ZVMD10

PART NUMBER	MK20DN512ZVMD10
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	12305 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-MAPBGA (13x13)
SPEED	100MHz
SERIES	Kinetis K20
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LBGA
OTHER NAMES	935324492557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	100
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 144-MAPBGA (13x13)
DATA CONVERTERS	A/D 42x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	MK20DN512

Related Tags

MK20DN512ZVMD10	MK20DN512ZVMD10 Distributor	MK20DN512ZVMD10 Supplier
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Related Products

	MK20DN512ZVMB10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 81BGA In stock: 15135 pcs 		MK20DN512ZVMC10R Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 121BGA In stock: 12425 pcs		MK20DN64VMP5 Manufacturers: NXP Description: IC MCU 32BIT 64KB FLASH 64MAPBGA In stock: 12440 pcs 
	MK20DN64VFM5 Manufacturers: NXP Description: IC MCU 32BIT 64KB FLASH 32QFN In stock: 16566 pcs 		MK20DN512ZVLC10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 6784 pcs 		MK20DN512ZVMC10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 121BGA In stock: 8114 pcs 
	MK20DN64VLH5 Manufacturers: NXP Description: IC MCU 32BIT 64KB FLASH 64LQFP In stock: 17517 pcs 		MK20DN512ZVLO10R Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 11948 pcs		MK20DN512ZVLL10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 8390 pcs 
	MK20DN64VFT5 Manufacturers: NXP Description: IC MCU 32BIT 64KB FLASH 48QFN In stock: 19212 pcs 		MK20DN512ZVLF5 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 11948 pcs		MK20DN512ZVLL10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 8390 pcs 
	MK20DX128VFM5 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 32QFN In stock: 16316 pcs 		MK20DN64VLF5 Manufacturers: NXP Description: IC MCU 32BIT 64KB FLASH 48LQFP In stock: 17809 pcs 		MK20DN512ZVLL10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 8390 pcs 