

NXP Semiconductors / Freescale

MK10DN512VMD10

Part Number:	MK10DN512VMD10
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 144BGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	10060 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

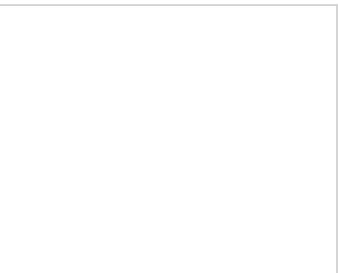
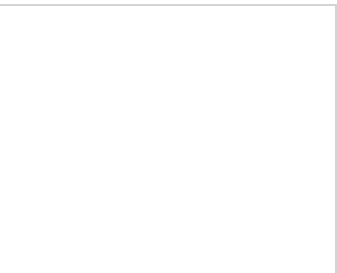
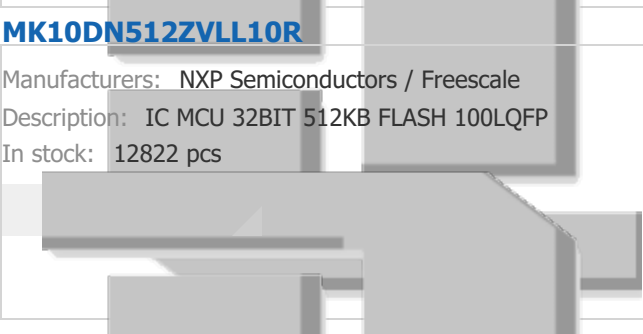
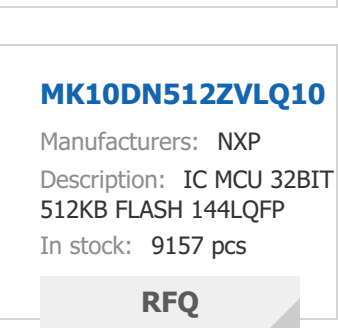
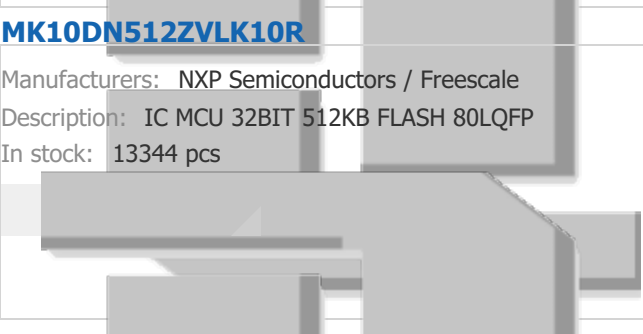
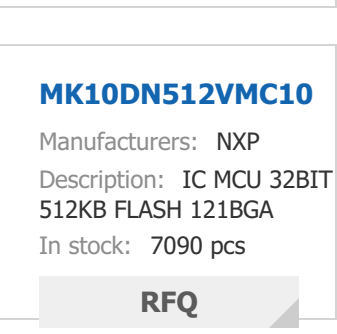
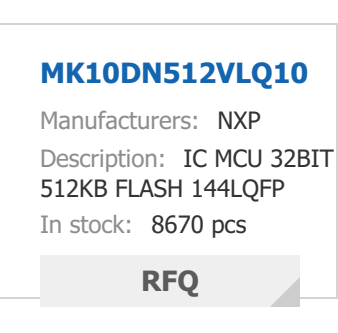
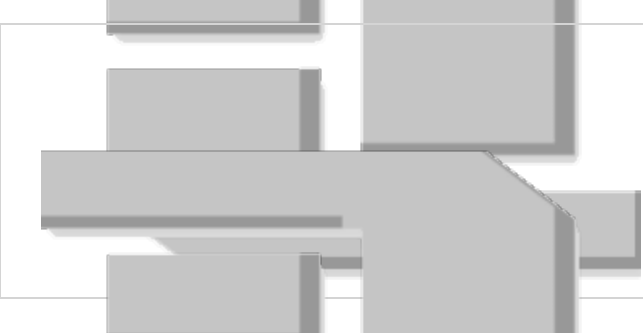
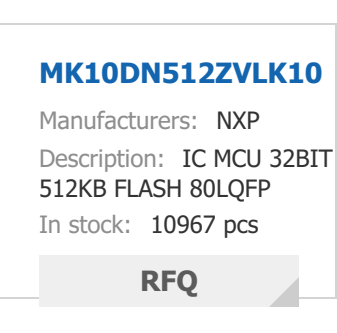
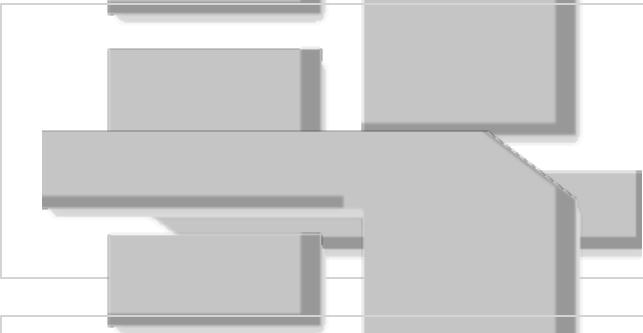
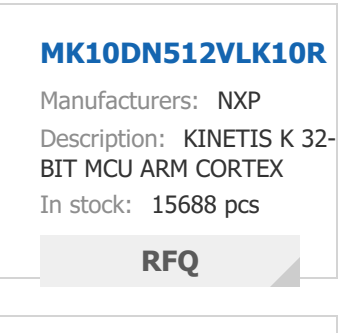
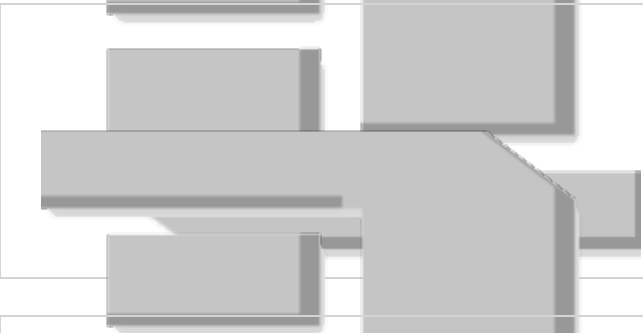
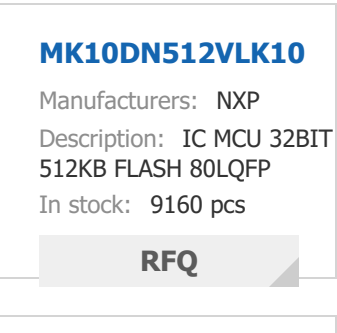
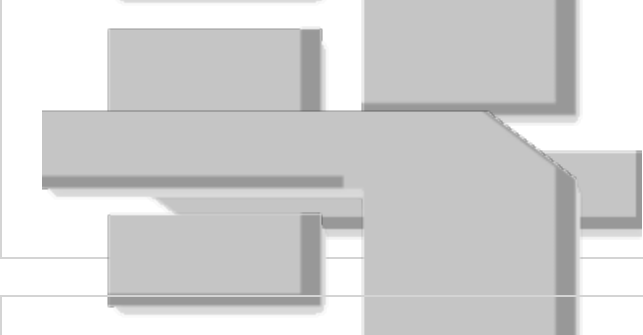
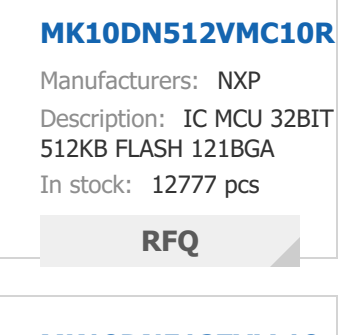
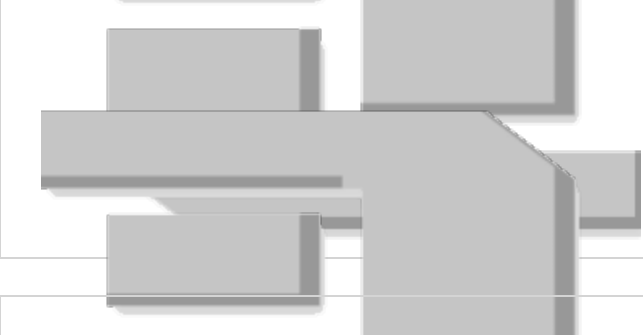
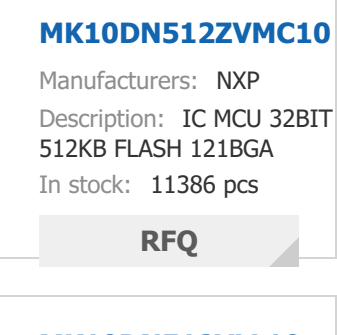
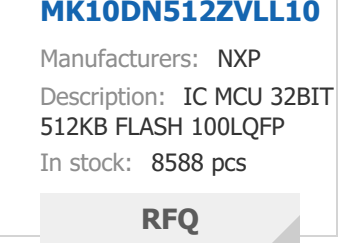
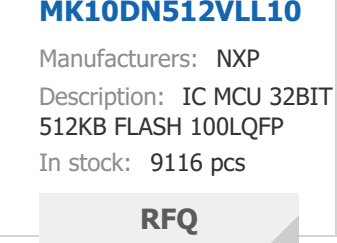
Specifications of MK10DN512VMD10

PART NUMBER	MK10DN512VMD10
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	10060 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-MAPBGA (13x13)
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	Tray
PACKAGE / CASE	144-LBGA
OTHER NAMES	935317505557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	104
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 144-MAPBGA (13x13)
DATA CONVERTERS	A/D 46x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, I²C, IrDA, SD, SPI, UART/USART
BASE PART NUMBER	MK10DN512

Related Tags

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 MK10DN512ZVLL10R Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 12822 pcs	 MK10DN512ZVLQ10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 9157 pcs RFQ	 MK10DN512ZVLK10R Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 80LQFP In stock: 13344 pcs	 MK10DN512VMC10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 121BGA In stock: 7090 pcs RFQ
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