

NXP Semiconductors / Freescale

MK12DN512VMC5

Part Number:	MK12DN512VMC5
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 121BGA
Datasheets:	
RoHs Status	 Contains lead / RoHS non-compliant
Stock Condition	10739 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION



Image may be representation. See specifications for product details.

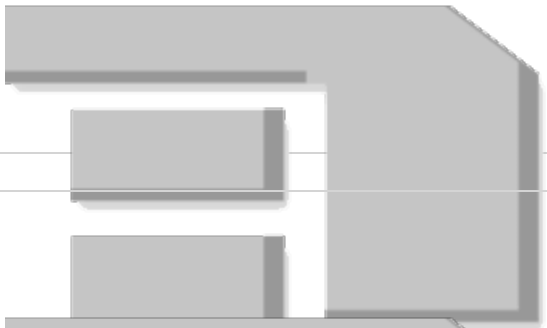
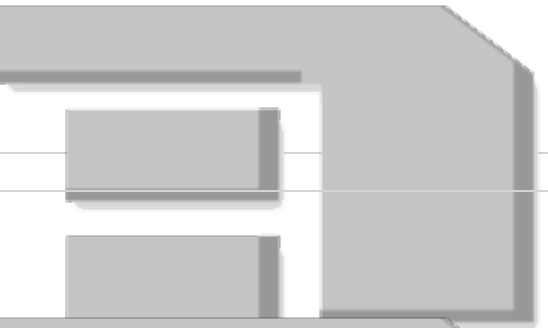
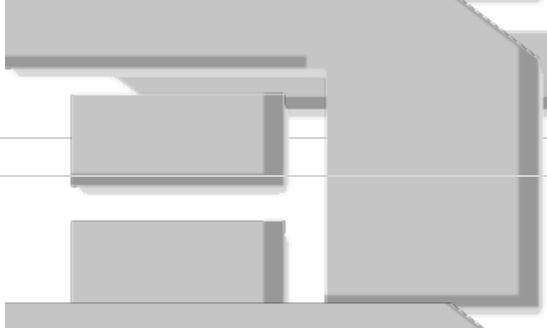
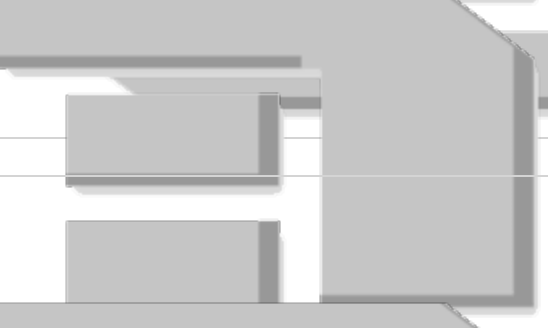
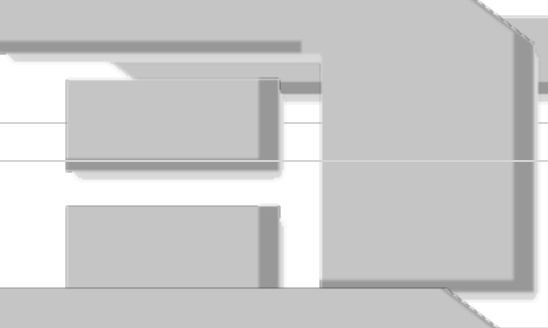
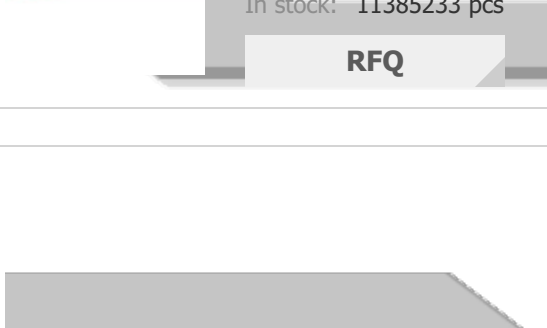
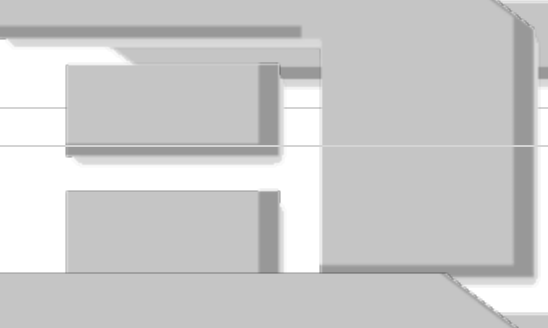
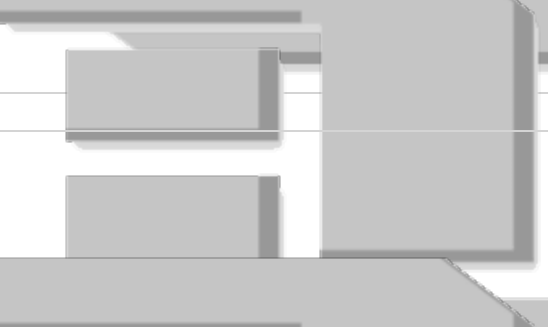
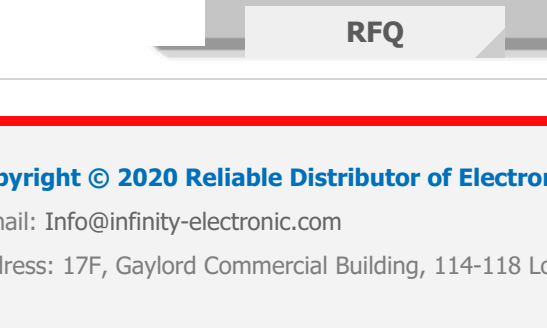
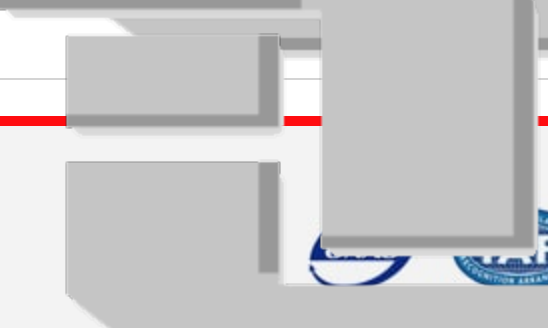
Specifications of MK12DN512VMC5

PART NUMBER	MK12DN512VMC5
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 121BGA
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	10739 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	121-MAPBGA (8x8)
SPEED	50MHz
SERIES	Kinetis K10
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	121-LFBGA
OTHER NAMES	935317694557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	60
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K10 Microcontroller IC 32-Bit 50MHz 512KB (512K x 8) FLASH 121-MAPBGA (8x8)
DATA CONVERTERS	A/D 24x16b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I²C, IrDA, SPI, UART/USART
BASE PART NUMBER	MK12DN512

Related Tags

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	MK12DX128VLF5 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 48LQFP In stock: 12997 pcs RFQ		MK12DX128VMC5 Manufacturers: NXP USA Description: IC MCU 32BIT 128KB FLASH 121BGA In stock: 15169 pcs RFQ
	MK12DN512VLK5 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 80LQFP In stock: 12440 pcs RFQ		MK12DX256VLF5 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 48LQFP In stock: 15061 pcs RFQ
	MK1273FE-R52 Manufacturers: Ohmite Description: RES 127K OHM 1/4W 1% AXIAL In stock: 11385233 pcs RFQ		MK12DN512VLK5R Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 80LQFP In stock: 21037 pcs RFQ
	MK12DN512VLH5 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 13179 pcs RFQ		MK12DN512VLH5R Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 17346 pcs RFQ
	MK1271FE-R52 Manufacturers: Ohmite Description: RES 1.27K OHM 1/4W 1% AXIAL In stock: 9282302 pcs RFQ		MK12DX128VLK5 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 80LQFP In stock: 12384 pcs RFQ