

NXP Semiconductors / Freescale

MK21FX512AVLQ12

Part Number:	MK21FX512AVLQ12
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 144LQFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	7829 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

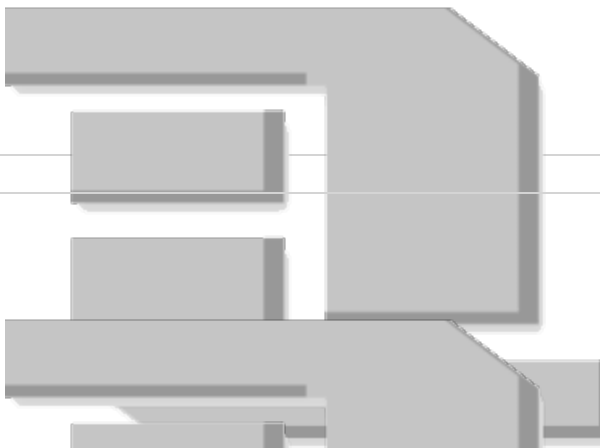
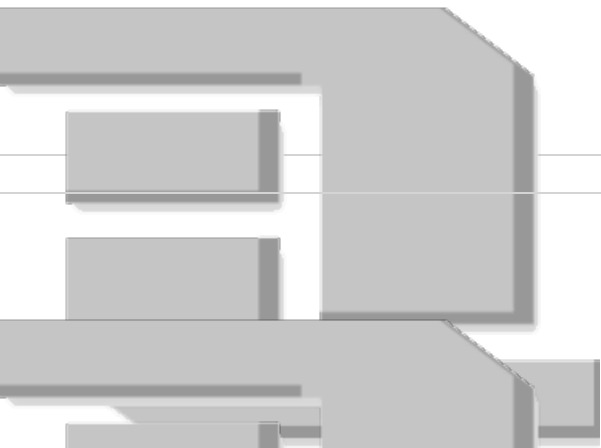
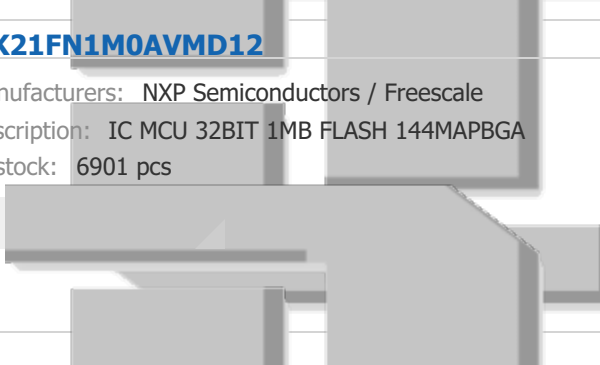
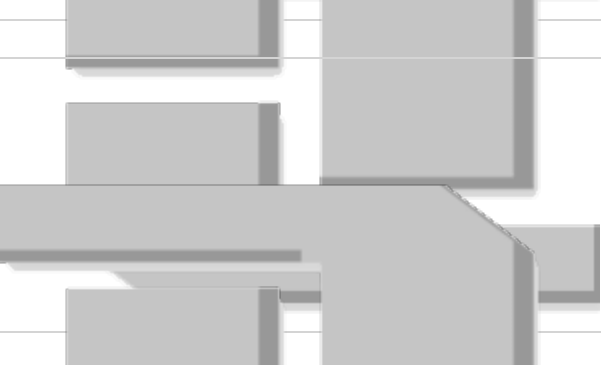
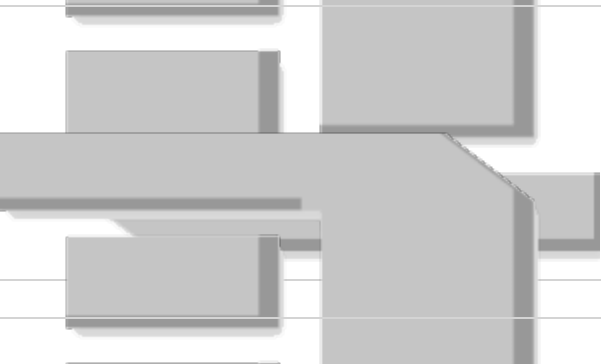
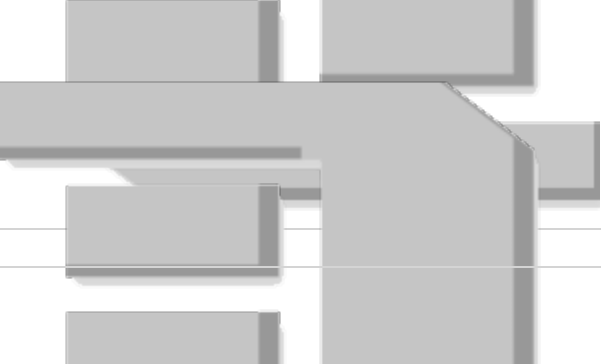
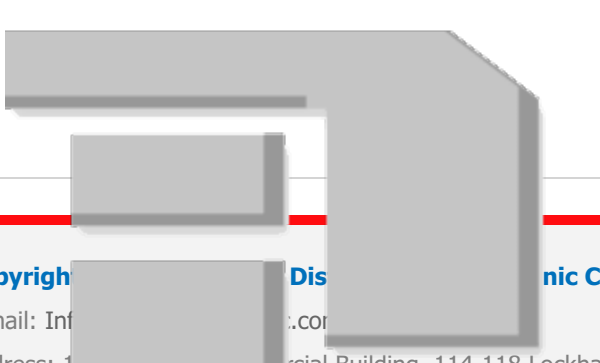
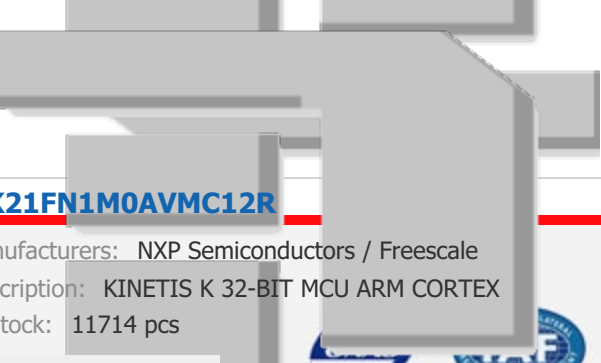
Specifications of MK21FX512AVLQ12

PART NUMBER	MK21FX512AVLQ12
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	7829 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	120MHz
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-LQFP
OTHER NAMES	935322198557
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 120MHz 512KB (512K x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 42x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, I²C, IrDA, SPI, UART/USART, USB, USB OTG

Related Tags

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Related Products

	MK21FN1M0VMD12 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144MAPBGA In stock: 7566 pcs RFQ		MK21FN1M0VLQ12 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 7131 pcs RFQ
	MK21FX512AVMC12 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 121BGA In stock: 7886 pcs RFQ		MK21FX512VLC12 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 121BGA In stock: 9184 pcs RFQ
	MK21FX512AVMD12 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 7782 pcs RFQ		MK21FX512VMD12 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 11251 pcs RFQ
	MK21M-1A66B-500W Manufacturers: Standex-Meder Electronics Description: SENSOR REED SW SPST-NO W LEADS In stock: 8894 pcs RFQ		MK21FN1M0VMC12 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 121MAPBGA In stock: 9217 pcs RFQ
	MK21FN1M0AVMC12 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 121MAPBGA In stock: 7870 pcs RFQ		MK21FN1M0AVMC12R Manufacturers: NXP Semiconductors / Freescale Description: KINETIS K 32-BIT MCU ARM CORTEX In stock: 11714 pcs RFQ