

NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MK61FX512VMJ12

Part Number:	MK61FX512VMJ12
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 256BGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	4926 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

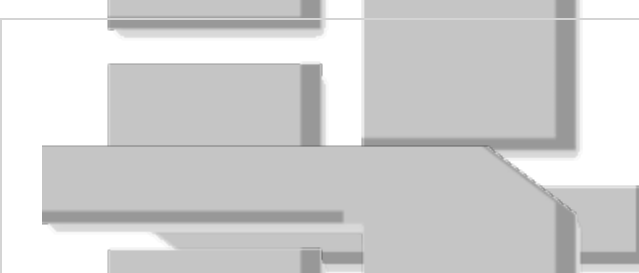
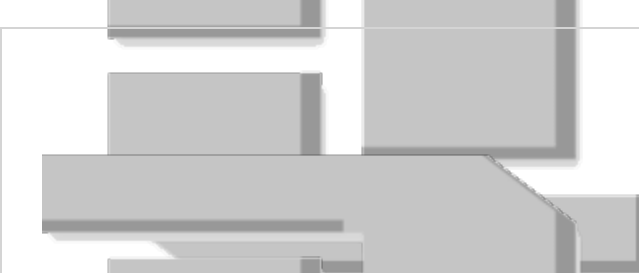
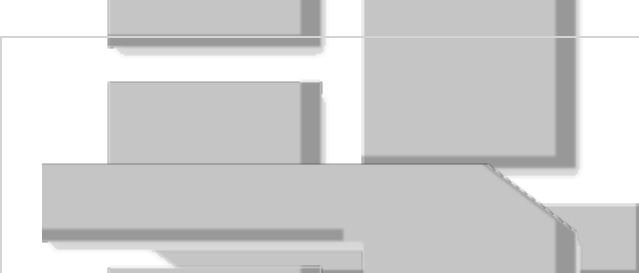
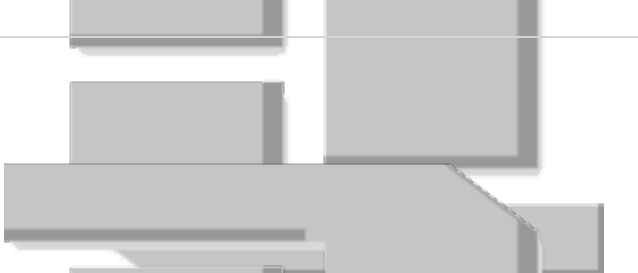
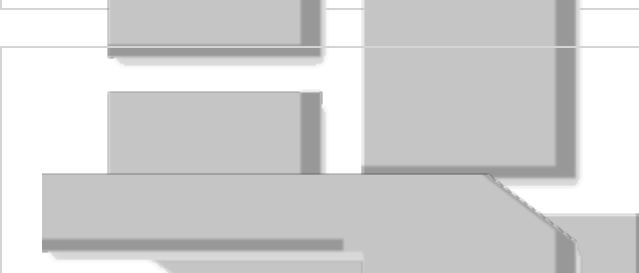
Specifications of MK61FX512VMJ12

PART NUMBER	MK61FX512VMJ12
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 256BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4926 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	256-MAPPBGA (17x17)
SPEED	120MHz
SERIES	Kinetis K60
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	256-LBGA
OTHER NAMES	935310998557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	128
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	16K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K60 Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 256-MAPPBGA (17x17)
DATA CONVERTERS	A/D 77x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I ² C, IrDA, SD, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	MK61FX512

Related Tags

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	MK61FN1M0VMJ12 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 256MAPBGA In stock: 5162 pcs RFQ		MK63FN1M0VMD12 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144MAPBGA In stock: 5256 pcs RFQ
	MK61FX512VMJ15 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 256BGA In stock: 5331 pcs RFQ		MK63FN1M0VLQ12 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 5273 pcs RFQ
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	MK61FN1M0VMD12 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144MAPBGA In stock: 5588 pcs RFQ		MK63FN1M0VLQ12R Manufacturers: NXP Description: KINETIS K63: 120MHZ CORTEX-M4F M In stock: 9351 pcs RFQ
	MK64FN1M0CAJ12R Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 142WLCSP In stock: 8588 pcs RFQ		MK64FN1M0VDC12 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 121MAPBGA In stock: 6607 pcs RFQ
	MK61FX512VMD12 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 6195 pcs RFQ		MK61FN1M0VMD15 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144MAPBGA In stock: 6180 pcs RFQ

