

NXP Semiconductors / Freescale

MK64FX512VMD12

Part Number:	MK64FX512VMD12
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 144BGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	7303 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

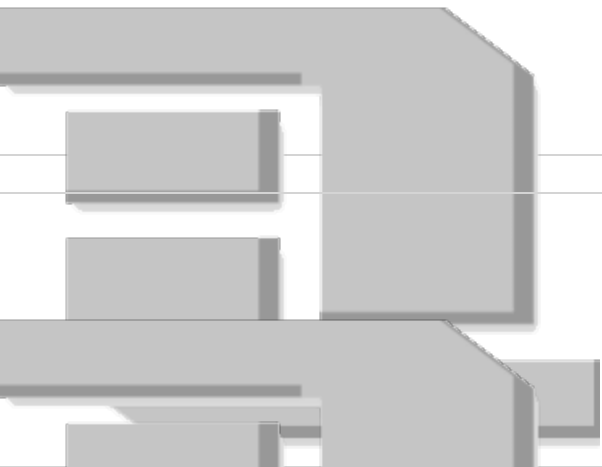
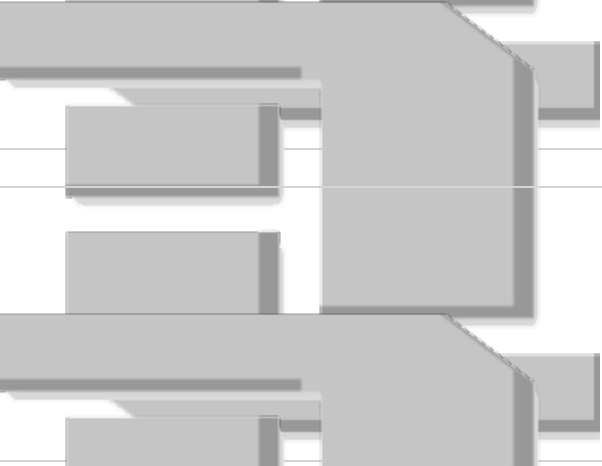
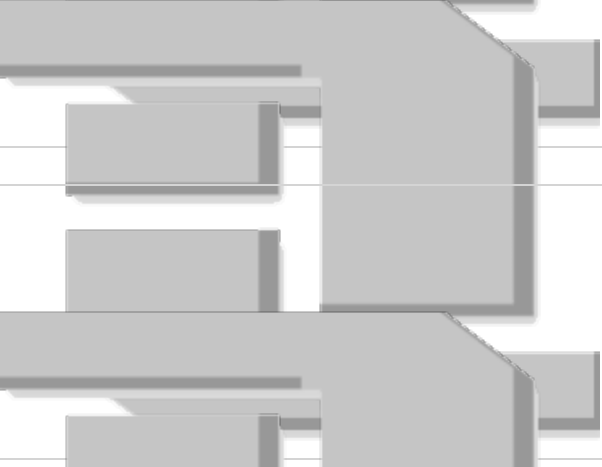
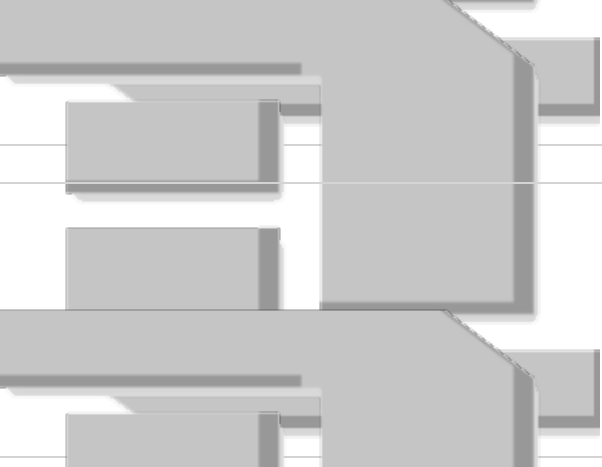
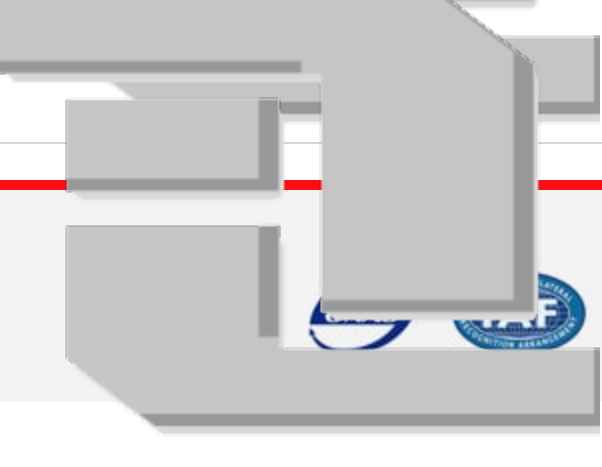
Specifications of MK64FX512VMD12

PART NUMBER	MK64FX512VMD12
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	7303 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-MAPBGA (13x13)
SPEED	120MHz
SERIES	Kinetis K60
RAM SIZE	192K 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	935324731557
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	4K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K60 Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 144-MAPBGA (13x13)
DATA CONVERTERS	A/D 41x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG

Related Tags

MK64FX512VMD12	MK64FX512VMD12 Distributor	MK64FX512VMD12 Supplier
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Related Products

	MK64FX512VLQ12 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 5640 pcs RFQ		MK64FN1M0VMD12 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144MAPBGA In stock: 6722 pcs RFQ
	MK64FX512VLL12 Manufacturers: NXP USA Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 9647 pcs RFQ		MK64FN1M0VLQ12 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 6738 pcs RFQ
	MK66FN2M0VLQ18 Manufacturers: NXP Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: 4039 pcs RFQ		MK64FN1M0VLL12R Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 9933 pcs RFQ
	MK64FX512VDC12 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 121BGA In stock: 7586 pcs RFQ		MK65FX1M0CAC18R Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 169WLCSP In stock: 6701 pcs RFQ
	MK65FN2M0VMI18R Manufacturers: NXP Description: KINETIS K65: 180MHZ CORTEX-M4F M In stock: 7286 pcs RFQ		MK65FN2M0CAC18R Manufacturers: NXP Description: IC MCU 32BIT 2MB FLASH 169WLCSP In stock: 6414 pcs RFQ
	MK65FN2M0VMI18 Manufacturers: NXP Description: IC MCU 32BIT 2MB FLASH 169MAPBGA In stock: 4903 pcs RFQ		MK65FX1M0VMI18 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 169MAPBGA In stock: 5597 pcs RFQ

