

NXP Semiconductors / Freescale

MKL46Z256VMC4

Part Number:	MKL46Z256VMC4
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 256KB FLASH 121BGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	19213 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

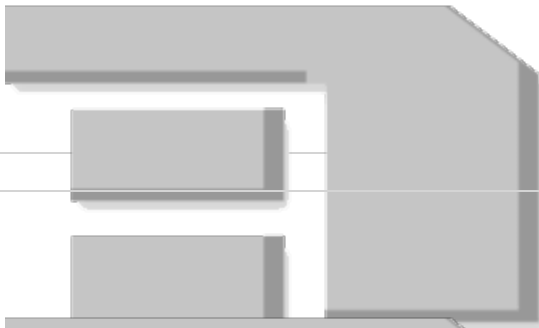
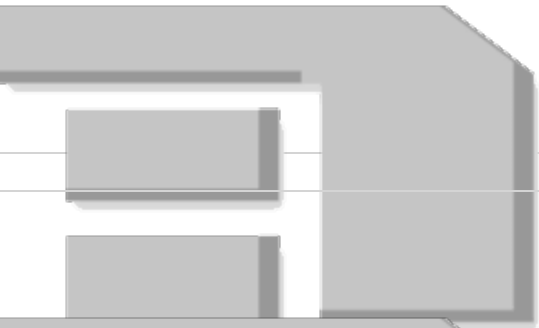
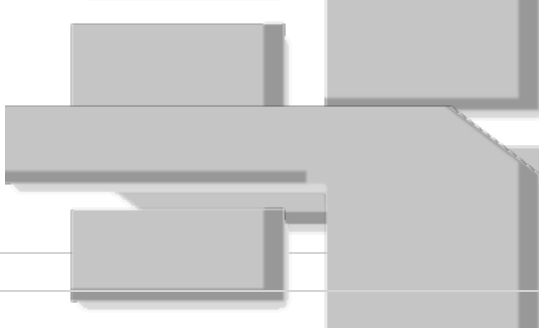
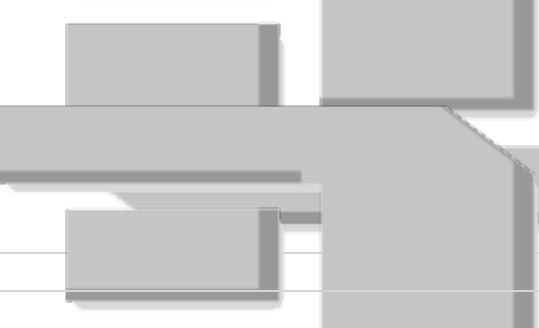
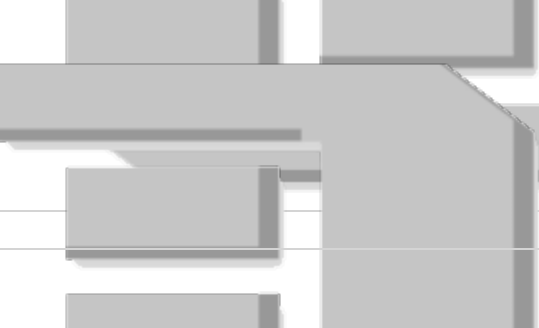
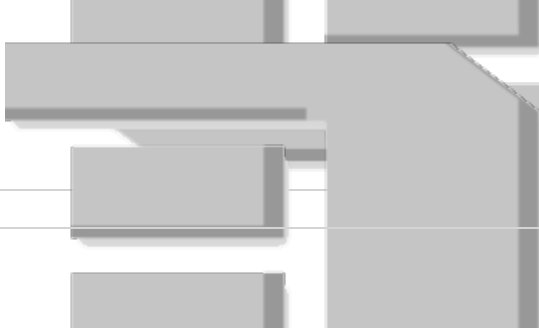
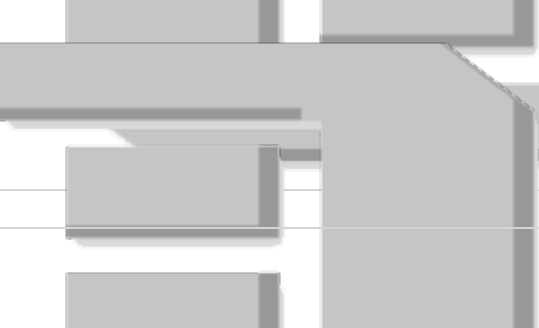
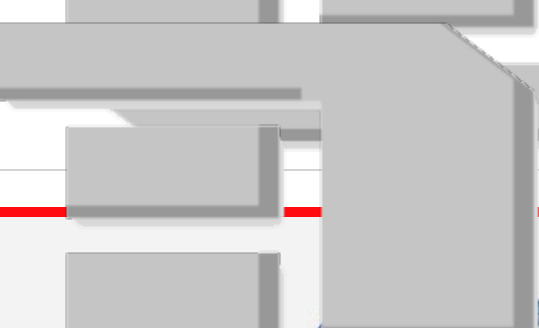
Specifications of MKL46Z256VMC4

PART NUMBER	MKL46Z256VMC4
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 256KB FLASH 121BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	19213 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	121-MAPBGA (8x8)
SPEED	48MHz
SERIES	Kinetis KL4
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	121-LFBGA
OTHER NAMES	935320083557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	84
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ Kinetis KL4 Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 121-MAPBGA (8x8)
DATA CONVERTERS	A/D - 16bit, D/A - 12bit
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I²C, LINbus, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	MKL46Z256

Related Tags

MKL46Z256VMC4	MKL46Z256VMC4 Distributor	MKL46Z256VMC4 Supplier
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Related Products

	MKL46Z128VLL4 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 100LQFP In stock: 17050 pcs RFQ		MKL46Z128VMC4 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 121BGA In stock: 15818 pcs RFQ
	MKL81Z128VMP7 Manufacturers: NXP Description: KINETIS KL81: 72MHZ CORTEX-M0+S In stock: 18230 pcs RFQ		MKL81Z128VLK7 Manufacturers: NXP Description: KINETIS KL81: 72MHZ CORTEX-M0+S In stock: 9892 pcs RFQ
	MKL81Z128VMC7 Manufacturers: NXP Description: KINETIS L 32-BIT MCU ARM CORTEX In stock: 12091 pcs RFQ		MKL81Z128VMC7R Manufacturers: NXP Description: KINETIS L 32-BIT MCU ARM CORTEX In stock: 13706 pcs RFQ
	MKL46Z256VLH4 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 13077 pcs RFQ		MKL43Z256VMP4 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 64LFBGA In stock: 15084 pcs RFQ
	MKL46Z128VLH4 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: 15551 pcs RFQ		MKL46Z256VLL4 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 11565 pcs RFQ
	MKL81Z128CBH7R Manufacturers: NXP Description: KINETIS L 32-BIT MCU ARM CORTEX- In stock: 10248 pcs RFQ		MKL46Z256VMP4 Manufacturers: NXP Description: KINETIS KL46: 48MHZ CORTEX-M0+U In stock: 15434 pcs RFQ